

# Schema documentation for XML- Schema\_Fremd.xsd

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## Table of Contents

Resource hierarchy:	13
Namespace: "http://vdv/ka/fremd/1"	15
Schema(s)	15
Main schema XML-Schema_Fremd.xsd	15
Element(s)	15
Element tns:STATUS	15
Simple Type(s)	15
Simple Type tns:REFERENZNUMMER_Type	15
Simple Type tns:ANFRAGE_ID_Type	16
Complex Type(s)	16
Complex Type tns:STATUS_Type	16
Namespace: "http://vdv/ka/common/2"	17
Schema(s)	17
Imported schema XML-Schema_KA_Common.xsd	17
Element(s)	17
Element tns:VX	17
Simple Type(s)	17
Simple Type tns:Organisation_ID	17
Simple Type tns:KommunikationsPartnerRolle	18
Simple Type tns:StatusCode	19
Simple Type tns:StatusText	20
Complex Type(s)	21
Complex Type tns:VX_Message_Type	21
Namespace: "http://vdv/ka/common/types/2"	21
Schema(s)	21
Imported schema XML-Schema_Common_Types.xsd	21
Simple Type(s)	21
Simple Type tns:ReferenceNumberTwo	21
Simple Type tns:INT2	22
Simple Type tns:INT1	22
Simple Type tns:BitString1	23
Simple Type tns:BitString8	23
Simple Type tns:BitString16	24
Simple Type tns:DateTime	24
Simple Type tns:Date	24
Simple Type tns:DateTimeCompact	25
Simple Type tns:DateCompact	25
Simple Type tns:Datef	26
Simple Type tns:INT3	26
Simple Type tns:INT4	27
Simple Type tns:OctetString1	27
Simple Type tns:OctetString4	27
Simple Type tns:OctetString8	28
Simple Type tns:OctetString10	28
Simple Type tns:OctetString12	28
Simple Type tns:OctetString128	29
Simple Type tns:OctetString200	29
Simple Type tns:ReferenceNumberOne	29
Simple Type tns:ReferenceNumberThree	30
Simple Type tns:ReferenceNumberFour	30
Simple Type tns:SequenceNumberOne	31
Simple Type tns:SequenceNumberTwo	31
Simple Type tns:SequenceNumberThree	31
Simple Type tns:SequenceNumberFour	32
Namespace: "http://vdv/ka/ion/2"	32
Schema(s)	32
Imported schema XML-Schema_ION.xsd	32
Element(s)	32
Element tns:TXB	32
Element tns:TXA	33

Element tns:TXBRequest .....	34
Element tns:TXARequest .....	34
Element tns:TXDEABER .....	35
Element tns:TXSMITA .....	36
Element tns:TXSFREIMITA .....	36
Element tns:TXSANFSYMK .....	37
Element tns:TXSANFASYMK .....	38
Element tns:TXSAANFSYMK .....	38
Element tns:TXSAANFASYMK .....	39
Element tns:TXSFREIMITSYMK .....	40
Element tns:TXSFREIMITASYMK .....	40
Element tns:TXSMITSYMK .....	41
Element tns:TXSMITASYMK .....	42
Element tns:TXSNAWA .....	42
Element tns:TXSNAWB .....	43
Simple Type(s) .....	44
Simple Type tns:PrintableString .....	44
Simple Type tns:CommonServiceResultCode .....	44
Simple Type tns:NmTransaktionsTyp_CODE .....	45
Simple Type tns:OrtsTyp_CODE_Type .....	48
Simple Type tns:AuftragsTyp_CODE .....	48
Simple Type tns:Abrechnungsverfahren_CODE_Type .....	49
Simple Type tns:Bezahlart_CODE_Type .....	50
Simple Type tns:TerminalTyp_CODE_Type .....	50
Simple Type tns:SAM_ID_Type .....	51
Simple Type tns:Mitteilung_CODE_Type .....	51
Simple Type tns:TransSignatur_Type .....	52
Simple Type tns:SperrlistenZyklusNummer_Type .....	52
Complex Type(s) .....	53
Complex Type tns:Ort_ID_Type .....	53
Complex Type tns:Terminal_ID_Type .....	53
Complex Type tns:NmApplikationInstanz_ID_Type .....	54
Complex Type tns:Berechtigung_ID_Type .....	54
Complex Type tns:EFMProdukt_ID_Type .....	54
Complex Type tns:Transaktionsdatensatz_Type .....	55
Complex Type tns:SymSchluessel_ID_Type .....	55
Complex Type tns:ASymSchluessel_ID_Type .....	56
Complex Type tns:appNmTransaktionMAC_Type .....	56
Complex Type tns:berNmTransaktionMAC_Type .....	57
Complex Type tns:IONTransaktion_ID_Type .....	57
Complex Type tns:ION_TX_HEADER_Type .....	58
Complex Type tns:TX_BASE_Type .....	59
Complex Type tns:TX_RET_Type .....	59
Complex Type tns:TX_SMIT_Type .....	60
Complex Type tns:TX_SANF_Type .....	60
Complex Type tns:TX_BER_Type .....	61
Complex Type tns:TXA_Type .....	61
Complex Type tns:TXB_Type .....	62
Complex Type tns:TXAS_Type .....	63
Complex Type tns:TXDEABER_Req_Type .....	63
Complex Type tns:TXSMITA_Type .....	64
Complex Type tns:TXSFREIMITA_Type .....	64
Complex Type tns:TXSANFSYMK_Type .....	65
Complex Type tns:TXSANFASYMK_Type .....	66
Complex Type tns:TXSAANFSYMK_Type .....	66
Complex Type tns:TXSAANFASYMK_Type .....	67
Complex Type tns:TXSFREIMITSYMK_Type .....	68
Complex Type tns:TXSFREIMITASYMK_Type .....	68
Complex Type tns:TXSMITSYMK_Type .....	69
Complex Type tns:TXSMITASYMK_Type .....	69
Complex Type tns:TXSNAWA_Req_Type .....	70
Complex Type tns:TXSNAWB_Req_Type .....	71
Namespace: "http://vdv/ka/pe/2" .....	72
Schema(s) .....	72
Imported schema XML-Schema_PE.xsd .....	72
Element(s) .....	72
Element tns:STATUS_DATA_OK_Type / tns:STATUS_CODE .....	72
Element tns:STATUS_DATA_OK_Type / tns:STATUS_SUBCODE .....	72
Element tns:STATUS_DATA_OK_Type / tns:STATUS_TEXT .....	73
Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_CODE .....	73
Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_SUBCODE .....	73
Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_TEXT .....	74

Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_CODE .....	74
Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_SUBCODE .....	74
Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_TEXT .....	75
Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_CODE .....	75
Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_SUBCODE .....	75
Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_TEXT .....	75
Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_CODE .....	76
Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_SUBCODE .....	76
Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_TEXT .....	76
Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_CODE .....	77
Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_SUBCODE .....	77
Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_TEXT .....	77
Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_CODE .....	78
Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_SUBCODE .....	78
Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_TEXT .....	78
Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_CODE .....	79
Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_SUBCODE .....	79
Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_TEXT .....	79
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_CODE .....	79
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_SUBCODE .....	80
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_TEXT .....	80
Element tns:SESSION_DATA_Type / tns:DATE_TIME .....	80
Element tns:SESSION_DATA_Type / tns:SES_ID .....	80
Element tns:SESSION_DATA_Type / tns:ACTION .....	81
Element tns:SESSION_DATA_Type / tns:PARAMETER .....	81
Element tns:SESSION_DATA_Type / tns:KA_VERSION .....	81
Element tns:ENGINE_DATA_Type / tns:VENDOR .....	82
Element tns:ENGINE_DATA_Type / tns:TYPE .....	82
Element tns:ENGINE_DATA_Type / tns:VERSION .....	82
Element tns:ENGINE_DATA_Type / tns:FIRMWARE .....	82
Element tns:ENGINE_DATA_Type / tns:TERM_TYP_CODE .....	82
Element tns:ENGINE_DATA_Type / tns:MAG_COUNT .....	83
Element tns:ENGINE_DATA_Type / tns:ACT_MAG .....	83
Element tns:ENGINE_DATA_Type / tns:ACT_MAG_NAME .....	83
Element tns:ENGINE_DATA_Type / tns:ACT_MAG_CONTENT .....	83
Element tns:ENGINE_DATA_Type / tns:PRINTER .....	83
Element tns:Schluesselversionen_Type / tns:K-PV-KM-MAC .....	84
Element tns:Schluesselversionen_Type / tns:K-KVP-KM-MAC .....	84
Element tns:Schluesselversionen_Type / tns:K-ERF-KM-MAC .....	84
Element tns:SAM_Transaktion_ID_Type / tns:samSequenznummer .....	84
Element tns:SAM_Transaktion_ID_Type / tns:SAM_ID.samNummer .....	85
Element tns:SAM_DATA_Type / tns:samGueltigkeitsbeginn .....	85
Element tns:SAM_DATA_Type / tns:samVerfalldatum .....	85
Element tns:SAM_DATA_Type / tns:samOrganisations_ID .....	85
Element tns:SAM_DATA_Type / tns:samTransaktion_ID .....	86
Element tns:SAM-Schluessel-Info_Type / tns:SAM_ID.samNummer .....	86
Element tns:SAM-Schluessel-Info_Type / tns:LoadKey-Zaehler .....	86
Element tns:SAM-Schluessel-Info_Type / tns:Schluesselname .....	87
Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Limit .....	87
Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Sequenz-Zaehler .....	87
Element tns:NmKundendaten_Type / tns:kundeGeburtsdatum .....	88
Element tns:NmKundendaten_Type / tns:kundeSprache.code .....	88
Element tns:NmKundendaten_Type / tns:kundeName .....	88
Element tns:NmKundendaten_Type / tns:kundeVorname .....	89
Element tns:NmKundendaten_Type / tns:kundeGeschlecht.code .....	89
Element tns:NmKundendaten_Type / tns:kundenTyp1.code .....	89
Element tns:NmKundendaten_Type / tns:kundenTyp1.BeginnDatum .....	89
Element tns:NmKundendaten_Type / tns:kundenTyp1.AblaufDatum .....	90
Element tns:NmKundendaten_Type / tns:kundenTyp1.Anwendungsgebiet .....	90
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID1 .....	90
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID2 .....	91
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID3 .....	91
Element tns:NmKundendaten_Type / tns:kundenTyp1.StreckeVon .....	91
Element tns:NmKundendaten_Type / tns:kundenTyp1.StreckeNach .....	92
Element tns:NmKundendaten_Type / tns:kundenTyp2.code .....	92
Element tns:NmKundendaten_Type / tns:kundenTyp2.BeginnDatum .....	92
Element tns:NmKundendaten_Type / tns:kundenTyp2.AblaufDatum .....	93
Element tns:NmKundendaten_Type / tns:kundenTyp2.Anwendungsgebiet .....	93
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID1 .....	93
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID2 .....	94
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID3 .....	94
Element tns:NmKundendaten_Type / tns:kundenTyp2.StreckeVon .....	94

Element tns:NmKundendaten_Type / tns:kundenTyp2.StreckeNach .....	95
Element tns:NmKundendaten_Type / tns:kundenTyp3.code .....	95
Element tns:NmKundendaten_Type / tns:kundenTyp3.BeginnDatum .....	95
Element tns:NmKundendaten_Type / tns:kundenTyp3.AblaufDatum .....	96
Element tns:NmKundendaten_Type / tns:kundenTyp3.Anwendungsgebiet .....	96
Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID1 .....	96
Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID2 .....	96
Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID3 .....	97
Element tns:NmKundendaten_Type / tns:kundenTyp3.StreckeVon .....	97
Element tns:NmKundendaten_Type / tns:kundenTyp3.StreckeNach .....	98
Element tns:NmKundendaten_Type / tns:Infotext .....	98
Element tns:NmVerzeichniseintragAppDaten_Type / tns:NmSystemspezifischerVerzeichnisteil ...	98
Element tns:NmSystemspezifischerVerzeichnisteil_Type / tns:zeigerSeparaterDatenteil .....	99
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appInstanz_ID .....	99
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appVersion .....	99
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appGueltigkeitsbeginn .....	100
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appGueltigkeitsende .....	100
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appStatus .....	100
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appSynchronNummer .....	100
Element tns:NmVerzeichniseintragApplikationslogbuch_Type / tns:NmSystemspezifischerVerzeichnisteil .....	101
Element tns:NmVerzeichniseintragApplikationslogbuch_Type / tns:logApplikationSeqNummer ...	101
Element tns:NmVerzeichniseintragKunde_Type / tns:NmSystemspezifischerVerzeichnisteil .....	101
Element tns:NmVerzeichniseintragLetzteTransaktion_Type / tns:logTransaktionsTyp.code .....	102
Element tns:NmVerzeichniseintragLetzteTransaktion_Type / tns:NmSystemspezifischerVerzeichnisteil .....	102
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz1 .....	102
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz2 .....	102
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz3 .....	103
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz4 .....	103
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz5 .....	103
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz6 .....	103
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz7 .....	104
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz8 .....	104
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz9 .....	104
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz10 .....	104
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz11 .....	105
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz12 .....	105
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz13 .....	105
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz14 .....	105
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz15 .....	106
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz16 .....	106
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:NmSystemspezifischerVerzeichnisteil .....	106
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berBerechtigung_ID .....	106
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:prodProdukt_ID .....	107
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:prodKeyOrganisation_ID .....	107
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berGueltigkeitsbeginn .....	107
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berGueltigkeitsende .....	108
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berStatus .....	108
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berSynchronNummer .....	108
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragAppDaten .....	108
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragAppLogbuch .....	109
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragKunde .....	109
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragSchluesselregister .....	110
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:NmSystemspezifischerVerzeichnisteil .....	110
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Org_ID_Hersteller .....	111
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:NM-Spezifikationsversion ..	111
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Herstellerversion .....	111
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:appInstanz_ID .....	112
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Zufallszahl .....	112
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:RFU1 .....	112
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:RFU2 .....	112
Element tns:NmApplikationsverzeichnis_Type / tns:LetzteTransaktion .....	113
Element tns:NmApplikationsverzeichnis_Type / tns:Prioritaeten .....	113
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragBerDaten .....	114
Element tns:NmApplikationslogbuch_Type / tns:Transaktionsdatensatz .....	115
Element tns:NmApplikationsdaten_Type / tns:LetzteTransaktion .....	115
Element tns:NmApplikationsdaten_Type / tns:Schluesselversionen .....	115
Element tns:NmApplikationsdaten_Type / tns:Ausgabetransaktionskennung .....	116
Element tns:NmApplikationsdaten_Type / tns:Infotext .....	116



Element tns:NmBerechtigungsdaten_Type / tns:berechtigungTarifbereich .....	116
Element tns:NmBerechtigungsdaten_Type / tns:LetzteTransaktion .....	116
Element tns:NmBerechtigungsdaten_Type / tns:Schluesselversionen .....	117
Element tns:NmBerechtigungsdaten_Type / tns:Ausgabetransaktionskennung .....	117
Element tns:NmBerechtigungsdaten_Type / tns:Infotext .....	117
Element tns:Schluesselregister_Type / tns:Schluesselname .....	118
Element tns:TXWBD_Type / tns:SESSION_DATA .....	118
Element tns:TXWBD_Type / tns:ENGINE_DATA .....	119
Element tns:TXWBD_Type / tns:STATUS_DATA .....	119
Element tns:TXAUTH_Type / tns:SESSION_DATA .....	120
Element tns:TXAUTH_Type / tns:SAM_DATA .....	120
Element tns:TXAUTH_Type / tns:STATUS_DATA .....	120
Element tns:TXBGN_Type / tns:SESSION_DATA .....	121
Element tns:TXBGN_Type / tns:ENGINE_DATA .....	121
Element tns:TXBGN_Type / tns:SAM_DATA .....	122
Element tns:TXBGN_Type / tns:STATUS_DATA .....	122
Element tns:TXBGN_Type / tns:NmApplikationsverzeichnis .....	122
Element tns:TXLADKEYREG_Type / tns:SESSION_DATA .....	123
Element tns:TXLADKEYREG_Type / tns:SAM_DATA .....	124
Element tns:TXLADKEYREG_Type / tns:STATUS_DATA .....	124
Element tns:TXLOEKEYREG_Type / tns:SESSION_DATA .....	124
Element tns:TXLOEKEYREG_Type / tns:SAM_DATA .....	125
Element tns:TXLOEKEYREG_Type / tns:STATUS_DATA .....	125
Element tns:TXLESKEYREG_Type / tns:SESSION_DATA .....	125
Element tns:TXLESKEYREG_Type / tns:SAM_DATA .....	126
Element tns:TXLESKEYREG_Type / tns:STATUS_DATA .....	126
Element tns:TXLESKEYREG_Type / tns:Schluesselregister .....	126
Element tns:TXEND_Type / tns:SESSION_DATA .....	127
Element tns:TXEND_Type / tns:SAM_DATA .....	127
Element tns:TXEND_Type / tns:STATUS_DATA .....	128
Element tns:TXLESAPPROG_Type / tns:SESSION_DATA .....	128
Element tns:TXLESAPPROG_Type / tns:SAM_DATA .....	128
Element tns:TXLESAPPROG_Type / tns:STATUS_DATA .....	129
Element tns:TXLESAPPROG_Type / tns:NmApplikationsLogbuch .....	129
Element tns:TXLOEAPPROG_Type / tns:SESSION_DATA .....	129
Element tns:TXLOEAPPROG_Type / tns:SAM_DATA .....	130
Element tns:TXLOEAPPROG_Type / tns:STATUS_DATA .....	130
Element tns:TXAGBKUNDE_Type / tns:SESSION_DATA .....	130
Element tns:TXAGBKUNDE_Type / tns:SAM_DATA .....	131
Element tns:TXAGBKUNDE_Type / tns:STATUS_DATA .....	131
Element tns:TXLESKUNDE_Type / tns:SESSION_DATA .....	131
Element tns:TXLESKUNDE_Type / tns:SAM_DATA .....	132
Element tns:TXLESKUNDE_Type / tns:STATUS_DATA .....	132
Element tns:TXLESKUNDE_Type / tns:NmKundendaten .....	133
Element tns:TXLOEKUNDE_Type / tns:SESSION_DATA .....	134
Element tns:TXLOEKUNDE_Type / tns:SAM_DATA .....	135
Element tns:TXLOEKUNDE_Type / tns:STATUS_DATA .....	135
Element tns:TXAGBPRIOR_Type / tns:SESSION_DATA .....	135
Element tns:TXAGBPRIOR_Type / tns:SAM_DATA .....	136
Element tns:TXAGBPRIOR_Type / tns:STATUS_DATA .....	136
Element tns:TXLOEPRIOR_Type / tns:SESSION_DATA .....	137
Element tns:TXLOEPRIOR_Type / tns:SAM_DATA .....	137
Element tns:TXLOEPRIOR_Type / tns:STATUS_DATA .....	137
Element tns:TXAGBPINPUC_Type / tns:SESSION_DATA .....	138
Element tns:TXAGBPINPUC_Type / tns:SAM_DATA .....	138
Element tns:TXAGBPINPUC_Type / tns:STATUS_DATA .....	139
Element tns:TXPPIN_Type / tns:SESSION_DATA .....	139
Element tns:TXPPIN_Type / tns:SAM_DATA .....	139
Element tns:TXPPIN_Type / tns:STATUS_DATA .....	140
Element tns:TXAENDPIN_Type / tns:SESSION_DATA .....	140
Element tns:TXAENDPIN_Type / tns:SAM_DATA .....	140
Element tns:TXAENDPIN_Type / tns:STATUS_DATA .....	141
Element tns:TXSPIN_Type / tns:SESSION_DATA .....	141
Element tns:TXSPIN_Type / tns:SAM_DATA .....	141
Element tns:TXSPIN_Type / tns:STATUS_DATA .....	142
Element tns:TXDRUCK_Type / tns:SESSION_DATA .....	142
Element tns:TXDRUCK_Type / tns:SAM_DATA .....	143
Element tns:TXDRUCK_Type / tns:STATUS_DATA .....	143
Element tns:TXWEBAENDN_Type / tns:SESSION_DATA .....	143
Element tns:TXWEBAENDN_Type / tns:SAM_DATA .....	144
Element tns:TXWEBAENDN_Type / tns:STATUS_DATA .....	144
Element tns:TXSBER_Type / tns:SESSION_DATA .....	144

Element tns:TXSBER_Type / tns:SAM_DATA .....	145
Element tns:TXSBER_Type / tns:STATUS_DATA .....	145
Element tns:TXAGBBER_Type / tns:SESSION_DATA .....	145
Element tns:TXAGBBER_Type / tns:SAM_DATA .....	146
Element tns:TXAGBBER_Type / tns:STATUS_DATA .....	146
Element tns:TXLOEBER_Type / tns:SESSION_DATA .....	146
Element tns:TXLOEBER_Type / tns:SAM_DATA .....	147
Element tns:TXLOEBER_Type / tns:STATUS_DATA .....	147
Element tns:TXWEBPOBPPEB_Type / tns:SESSION_DATA .....	148
Element tns:TXWEBPOBPPEB_Type / tns:SAM_DATA .....	148
Element tns:TXWEBPOBPPEB_Type / tns:STATUS_DATA .....	148
Element tns:TXPEB_Type / tns:SESSION_DATA .....	149
Element tns:TXPEB_Type / tns:SAM_DATA .....	149
Element tns:TXPEB_Type / tns:STATUS_DATA .....	150
Element tns:TXLPEB_Type / tns:ezahlungsberechtigug .....	150
Element tns:TXLPEB_Type / tns:berNmTransaktionMAC .....	150
Element tns:TXAENDBER_Type / tns:SESSION_DATA .....	150
Element tns:TXAENDBER_Type / tns:SAM_DATA .....	151
Element tns:TXAENDBER_Type / tns:STATUS_DATA .....	151
Element tns:TXLESBER_Type / tns:SESSION_DATA .....	152
Element tns:TXLESBER_Type / tns:SAM_DATA .....	152
Element tns:TXLESBER_Type / tns:STATUS_DATA .....	152
Element tns:TXLESBER_Type / tns:NmApplikationsverzeichnis .....	153
Element tns:TXLESBER_Type / tns:NmApplikationsDaten .....	153
Element tns:TXLESBER_Type / tns:NmBerechtigungsDaten .....	154
Element tns:TXAGBKEY_Type / tns:SESSION_DATA .....	154
Element tns:TXAGBKEY_Type / tns:SAM_DATA .....	154
Element tns:TXAGBKEY_Type / tns:STATUS_DATA .....	155
Element tns:TXLESKEY_Type / tns:SESSION_DATA .....	155
Element tns:TXLESKEY_Type / tns:SAM_DATA .....	156
Element tns:TXLESKEY_Type / tns:STATUS_DATA .....	156
Element tns:TXLESKEY_Type / tns:SAM_Schluessel-Info .....	156
Element tns:TXAUFTRAG_Type / tns:SESSION_DATA .....	157
Element tns:TXAUFTRAG_Type / tns:STATUS_DATA .....	157
Element tns:TXANSCHR_Type / tns:SESSION_DATA .....	157
Element tns:TXANSCHR_Type / tns:STATUS_DATA .....	158
Element tns:TXANTWORT_Type / tns:SESSION_DATA .....	158
Element tns:TXANTWORT_Type / tns:STATUS_DATA .....	158
Element tns:TXANTWORT_Type / tns:SUB_SES_ID .....	159
Element tns:TXANTWORT_Type / tns:NmApplikationsverzeichnis .....	159
Element tns:ERROR_Type / tns:SESSION_DATA .....	160
Element tns:ERROR_Type / tns:ENGINE_DATA .....	160
Element tns:ERROR_Type / tns:STATUS_DATA .....	161
Element tns:TXWBD .....	161
Element tns:TXAUTH .....	161
Element tns:TXBGN .....	162
Element tns:TXEND .....	162
Element tns:TXLESAPPROG .....	163
Element tns:TXLOEAPPROG .....	163
Element tns:TXAGBKUNDE .....	164
Element tns:TXLESKUNDE .....	164
Element tns:TXLOEKUNDE .....	165
Element tns:TXAGBPRIOR .....	165
Element tns:TXLOEPRIOR .....	166
Element tns:TXAGBPINPUC .....	166
Element tns:TXPPIN .....	167
Element tns:TXAENDPIN .....	167
Element tns:TXSPIN .....	167
Element tns:TXDRUCK .....	168
Element tns:TXWEBAENDN .....	168
Element tns:TXSBER .....	169
Element tns:TXAGBBER .....	170
Element tns:TXLOEBER .....	170
Element tns:TXWEBPOBPPEB .....	171
Element tns:TXPEB .....	172
Element tns:TXLPEB .....	172
Element tns:TXAENDBER .....	173
Element tns:TXLESBER .....	173
Element tns:TXAGBKEY .....	174
Element tns:TXLESKEY .....	175
Element tns:TXLESKEYREG .....	175
Element tns:TXLOEKEYREG .....	176

Element tns:TXLADKEYREG .....	176
Element tns:TXAUFTRAG .....	176
Element tns:TXANSCHR .....	177
Element tns:TXANTWORT .....	177
Element tns:ERROR .....	178
Complex Type(s) .....	179
Complex Type tns:STATUS_DATA_Type .....	179
Complex Type tns:STATUS_DATA_OK_Type .....	179
Complex Type tns:STATUS_DATA_SessionError_Type .....	180
Complex Type tns:STATUS_DATA_EngineError_Type .....	180
Complex Type tns:STATUS_DATA_MediumError_Type .....	181
Complex Type tns:STATUS_DATA_ApplicationError_Type .....	181
Complex Type tns:STATUS_DATA_EntitlementError_Type .....	182
Complex Type tns:STATUS_DATA_PrinterError_Type .....	182
Complex Type tns:STATUS_DATA_SoftwareError_Type .....	183
Complex Type tns:STATUS_DATA_ServiceOperatorError_Type .....	183
Complex Type tns:SESSION_DATA_Type .....	184
Complex Type tns:ENGINE_DATA_Type .....	185
Complex Type tns:Schluesselversionen_Type .....	185
Complex Type tns:SAM_Transaktion_ID_Type .....	186
Complex Type tns:SAM_DATA_Type .....	186
Complex Type tns:SAM-Schluessel-Info_Type .....	187
Complex Type tns:NmKundendaten_Type .....	187
Complex Type tns:NmVerzeichniseintragAppDaten_Type .....	189
Complex Type tns:NmSystemspezifischerVerzeichnisteil_Type .....	190
Complex Type tns:NmVerzeichniseintragApplikationslogbuch_Type .....	190
Complex Type tns:NmVerzeichniseintragKunde_Type .....	191
Complex Type tns:NmVerzeichniseintragLetzteTransaktion_Type .....	191
Complex Type tns:NmVerzeichniseintragPrioritaeten_Type .....	192
Complex Type tns:NmVerzeichniseintragBerechtigungen_Type .....	192
Complex Type tns:NmApplikationsverzeichnis_Type .....	193
Complex Type tns:NmVerzeichniseintragSchluesselregister_Type .....	194
Complex Type tns:NmApplikationslogbuch_Type .....	194
Complex Type tns:NmApplikationsdaten_Type .....	195
Complex Type tns:NmBerechtigungsdaten_Type .....	195
Complex Type tns:Schluesselregister_Type .....	196
Complex Type tns:TXWBD_Type .....	196
Complex Type tns:TXAUTH_Type .....	196
Complex Type tns:TXBGN_Type .....	197
Complex Type tns:TXLADKEYREG_Type .....	197
Complex Type tns:TXLOEKEYREG_Type .....	198
Complex Type tns:TXLESKEYREG_Type .....	198
Complex Type tns:TXEND_Type .....	199
Complex Type tns:TXLESAPLOG_Type .....	199
Complex Type tns:TXLOEAPLOG_Type .....	199
Complex Type tns:TXAGBKUNDE_Type .....	200
Complex Type tns:TXLESKUNDE_Type .....	200
Complex Type tns:TXLOEKUNDE_Type .....	201
Complex Type tns:TXAGBPRIOR_Type .....	201
Complex Type tns:TXLOEPRIOR_Type .....	201
Complex Type tns:TXAGBPINPUC_Type .....	202
Complex Type tns:TXPPIN_Type .....	202
Complex Type tns:TXAENDPIN_Type .....	202
Complex Type tns:TXSPIN_Type .....	203
Complex Type tns:TXDRUCK_Type .....	203
Complex Type tns:TXWEBAENDN_Type .....	204
Complex Type tns:TXSBER_Type .....	204
Complex Type tns:TXAGBBER_Type .....	205
Complex Type tns:TXLOEBER_Type .....	205
Complex Type tns:TXWEBPOBPB_Type .....	206
Complex Type tns:TXPEB_Type .....	206
Complex Type tns:TXLPEB_Type .....	207
Complex Type tns:TXAENDBER_Type .....	207
Complex Type tns:TXLESBER_Type .....	208
Complex Type tns:TXAGBKEY_Type .....	209
Complex Type tns:TXLESKEY_Type .....	209
Complex Type tns:TXAUFTRAG_Type .....	209
Complex Type tns:TXANSCHR_Type .....	210
Complex Type tns:TXANTWORT_Type .....	210
Complex Type tns:ERROR_Type .....	211
Simple Type(s) .....	211
Simple Type tns:VersionNumber .....	211

Simple Type tns:VersionNumberExtended .....	212
Simple Type tns:STATUS_CODE_OK_Type .....	212
Simple Type tns:STATUS_SUBCODE_OK_Type .....	212
Simple Type tns:STATUS_CODE_SessionError_Type .....	213
Simple Type tns:STATUS_SUBCODE_SessionError_Type .....	213
Simple Type tns:STATUS_CODE_EngineError_Type .....	214
Simple Type tns:STATUS_SUBCODE_EngineError_Type .....	215
Simple Type tns:STATUS_CODE_MediumError_Type .....	216
Simple Type tns:STATUS_SUBCODE_MediumError_Type .....	216
Simple Type tns:STATUS_CODE_ApplicationError_Type .....	217
Simple Type tns:STATUS_SUBCODE_ApplicationError_Type .....	217
Simple Type tns:STATUS_CODE_EntitlementError_Type .....	218
Simple Type tns:STATUS_SUBCODE_EntitlementError_Type .....	219
Simple Type tns:STATUS_CODE_PrinterError_Type .....	220
Simple Type tns:STATUS_SUBCODE_PrinterError_Type .....	220
Simple Type tns:STATUS_CODE_SoftwareError_Type .....	221
Simple Type tns:STATUS_SUBCODE_SoftwareError_Type .....	221
Simple Type tns:STATUS_CODE_ServiceOperatorError_Type .....	222
Simple Type tns:STATUS_SUBCODE_ServiceOperatorError_Type .....	223
Namespace: "http://vdv/ka/kvp-dl-pv/2" .....	223
Schema(s) .....	223
Imported schema XML-Schema_KVP_DL_PV_ext-1.3.0.xsd .....	223
Included schema XML-Schema_KVP_DL_PV.xsd .....	224
Element(s) .....	224
Element tns:TXEBER .....	224
Element tns:TXEBER_Type / tns:fahrttransaktion .....	224
Element tns:TXEBER_Type / tns:berNmTransaktionMAC .....	225
Element tns:TXAENBER .....	225
Element tns:TXAENBER_Type / tns:fahrttransaktion .....	226
Element tns:TXAENBER_Type / tns:berNmTransaktionMAC .....	226
Element tns:TXTRANSABBRUCH .....	226
Element tns:AllgemeineTransaktionsdaten .....	227
Element tns:AllgemeineTransaktionsdaten / tns:logApplikationSeqNummer .....	228
Element tns:AllgemeineTransaktionsdaten / tns:logNmTransaktion_ID .....	228
Element tns:NmTransaktion_ID_Type / tns:samSequenznummer .....	229
Element tns:NmTransaktion_ID_Type / tns:SAM_ID.samNummer .....	229
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsOperator_ID .....	229
Element tns:AllgemeineTransaktionsdaten / tns:logTerminal_ID .....	230
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsZeitpunkt .....	230
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsOrt_ID .....	230
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsTyp.code .....	231
Element tns:TXTRANSABBRUCH_Type / tns:MKAH-PV-NM-MAC_ID .....	231
Element tns:TXTRANSABBRUCH_Type / tns:MKAH-PV-Nutzungszaehler .....	231
Element tns:TXTRANSABBRUCH_Type / tns:MKKVP--NM-MAC_ID .....	232
Element tns:TXTRANSABBRUCH_Type / tns:MKKVP-Nutzungszaehler .....	232
Element tns:TXABER .....	232
Element tns:TXABER_Type / tns:tx_ber .....	233
Element tns:TXABER_Type / tns:berechtigungTarifbereich .....	234
Element tns:TXABER_Type / tns:berechtigungTarifbereichZusatz .....	234
Element tns:TXABER_Type / tns:ausgabeTransaktionBerechtigung .....	234
Element tns:TXABER_Type / tns:berNmTransaktionMAC .....	234
Element tns:TXAMBER .....	235
Element tns:TXAMBER_Type / tns:tx_abkey .....	236
Element tns:TX_ABKEY_Type / tns:berAbleitungsdaten .....	236
Element tns:TXRBER .....	236
Element tns:TXRBER_Type / tns:ruecknahmeTransaktionBerechtigung .....	237
Element tns:TXRBER_Type / tns:berNmTransaktionMAC .....	237
Element tns:TXRMBER .....	237
Element tns:TXRMBER_Type / tns:tx_abkey .....	238
Element tns:TXBEKOKVP .....	238
Element tns:TXBEWEBKOKVP_Type / tns:belastungstransaktionBerechtigung .....	239
Element tns:TXBEWEBKOKVP_Type / tns:berNmTransaktionMAC .....	239
Element tns:TXBEWEBKVP .....	240
Element tns:TXLPEB .....	240
Element tns:TXLPEB_Type / tns:ezahlungsbelegBerechtigung .....	241
Element tns:TXLPEB_Type / tns:berNmTransaktionMAC .....	241
Element tns:TXAEBER_1_3_0 .....	242
Element tns:TXAEBER_Type_1_3_0 / tns:tx_ber .....	242
Element tns:TXAEBER_Type_1_3_0 / tns:berechtigungTarifbereichDaten .....	243
Element tns:TXAEBER_Type_1_3_0 / tns:berBerechtigung_ID .....	243
Element tns:TXAEBER_Type_1_3_0 / tns:prodProdukt_ID .....	243
Element tns:Mitnahme_Type / tns:mitnahmeTyp .....	244

Element tns:Mitnahme_Type / tns:mitnahmeAnzahl .....	244
Element tns:Linie_ID_Type / tns:linienNummer .....	245
Element tns:Linie_ID_Type / tns:linieDomaene_ID .....	245
Element tns:LinieVariante_ID_Type / tns:variantenNummer .....	245
Element tns:LinieVariante_ID_Type / tns:linie_ID .....	246
Element tns:Fahrt_ID_Type / tns:fahrtNummer .....	246
Element tns:Fahrt_ID_Type / tns:fahrtBetreiber_ID .....	246
Element tns:EFSViaOrtsListe_Type / tns:efsViaort_ID .....	247
Element tns:TX_PP_Type / tns:ppLeistungsPreis .....	247
Element tns:TX_PP_Type / tns:ppMehrwertsteuer .....	247
Element tns:TX_BERLOG_Type / tns:berLogLinieVariante_ID .....	248
Element tns:TX_BERLOG_Type / tns:berLogFahrt_ID .....	248
Element tns:TX_LOG_Type / tns:logTransaktionsoperator_ID .....	248
Element tns:TX_LOG_Type / tns:logTransaktionsZeitpunkt_ID .....	249
Element tns:TX_LOG_Type / tns:logTransaktionsort_ID .....	249
Element tns:TX_LOG_Type / tns:logTransaktionsTyp_ID .....	249
Element tns:TX_AFBLOG_Type / tns:afbLogFahrgastTyp .....	250
Element tns:TX_AFBLOG_Type / tns:afbLogVerkehrsmittelart .....	251
Element tns:TX_AFBLOG_Type / tns:afbLogServiceKlasse .....	251
Element tns:TX_AFBLOG_Type / tns:afbLogDynamischerRabattParameter .....	251
Element tns:TX_AFBLOG_Type / tns:afbLogMitnahme .....	252
Element tns:TX_AFBLOG_Type / tns:txberlog .....	252
Element tns:TX_AFBLOG_Type / tns:txlog .....	252
Element tns:TX_EFSLOG_Type / tns:efsFahrgastTyp .....	253
Element tns:TX_EFSLOG_Type / tns:efsVerkehrsmittelKategorie .....	253
Element tns:TX_EFSLOG_Type / tns:efsLogServiceKlasse .....	254
Element tns:TX_EFSLOG_Type / tns:efsServiceKlasseExtra .....	254
Element tns:TX_EFSLOG_Type / tns:efsStartort_ID .....	254
Element tns:TX_EFSLOG_Type / tns:efsZielort_ID .....	255
Element tns:TX_EFSLOG_Type / tns:efsViaOrte_IDs .....	255
Element tns:TX_EFSLOG_Type / tns:efsLogMitnahme .....	256
Element tns:TX_EFSLOG_Type / tns:txberlog .....	256
Element tns:TX_EFSLOG_Type / tns:txlog .....	256
Element tns:TXASBER_Type / tns:prodProdukt_ID .....	257
Element tns:TXASBER_Type / tns:berBerechtigung_ID .....	257
Element tns:TXASBER_Type / tns:transSelektionKriterien .....	257
Element tns:TXANLN_Type / tns:prodAbrechnungsVerfahren .....	258
Element tns:TXANLN_Type / tns:berBezahlArt .....	258
Element tns:TXANLN_Type / tns:prodProdukt_ID .....	258
Element tns:TXANLN_Type / tns:berBerechtigung_ID .....	259
Element tns:TXANLN_Type / tns:transSelektionKriterien .....	259
Element tns:TXANLN_Type / tns:txpp .....	259
Element tns:TXANLN_Type / tns:txafblog .....	260
Element tns:TXAUSEFS_Type / tns:prodAbrechnungsVerfahren .....	260
Element tns:TXAUSEFS_Type / tns:berBezahlMittel .....	261
Element tns:TXAUSEFS_Type / tns:berBezahlArt .....	261
Element tns:TXAUSEFS_Type / tns:prodProdukt_ID .....	261
Element tns:TXAUSEFS_Type / tns:berBerechtigung_ID .....	262
Element tns:TXAUSEFS_Type / tns:transSelektionKriterien .....	262
Element tns:TXAUSEFS_Type / tns:txpp .....	262
Element tns:TXAUSEFS_Type / tns:txefslog .....	263
Element tns:TXADM_Type / tns:transMediennummer .....	263
Element tns:TXADM_Type / tns:transappInstanz_ID .....	264
Element tns:TXAEBER_Type / tns:tx_ber .....	264
Element tns:TXAEBER_Type / tns:berechtigungTarifbereich .....	264
Element tns:TXEMBER_Type / tns:tx_abkey .....	265
Element tns:TXASKON_Type / tns:samSAM_ID .....	265
Element tns:TXASKON_Type / tns:samSchluessel_ID .....	265
Element tns:TXASKON_Type / tns:samLoadKeyZaehler .....	266
Element tns:TXASKON_Type / tns:samNutzungsLimitNeu .....	266
Element tns:TXUEBERKON_Type / tns:samSAM_ID .....	266
Element tns:TXUEBERKON_Type / tns:samSchluessel_ID .....	266
Element tns:TXUEBERKON_Type / tns:samLoadKeyZaehler .....	267
Element tns:TXUEBERKON_Type / tns:samNutzungsLimitGen .....	267
Element tns:TXBEKODL_Type / tns:berBerechtigung_ID .....	267
Element tns:TXBEKODL_Type / tns:txpp .....	268
Element tns:TXBEKODL_Type / tns:fahrttransaktion .....	268
Element tns:TXBEKODL_Type / tns:berNmTransaktionMAC .....	268
Element tns:TXGKO_Type / tns:belastungstransaktionBerechtigung .....	269
Element tns:TXGKO_Type / tns:berNmTransaktionMAC .....	269
Element tns:TXGWEB_Type / tns:belastungstransaktionBerechtigung .....	269
Element tns:TXGWEB_Type / tns:berNmTransaktionMAC .....	270

Element tns:TXKNAWA_Type / tns:logTransaktionsOperator_ID .....	270
Element tns:TXKNAWA_Type / tns:logTerminal_ID .....	271
Element tns:TXKNAWA_Type / tns:logTransaktionsZeitpunkt .....	271
Element tns:TXKNAWA_Type / tns:logTransaktionsOrt_ID .....	271
Element tns:TXKNAWA_Type / tns:logValidationCode .....	272
Element tns:TXKNAWA_Type / tns:appInstanz_ID .....	272
Element tns:TXKNAWB_Type / tns:logTransaktionsOperator_ID .....	273
Element tns:TXKNAWB_Type / tns:logTerminal_ID .....	273
Element tns:TXKNAWB_Type / tns:logTransaktionsZeitpunkt .....	273
Element tns:TXKNAWB_Type / tns:logTransaktionsOrt_ID .....	273
Element tns:TXKNAWB_Type / tns:logValidationCode .....	274
Element tns:TXKNAWB_Type / tns:berBerechtigung_ID .....	274
Element tns:TXSANFB_Type / tns:berBerechtigung_ID .....	275
Element tns:TXSANFB_Type / tns:prodProdukt_ID .....	275
Element tns:TXSANFA_Type / tns:appInstanz_ID .....	276
Element tns:TXSMITB_Type / tns:berSperrkandidat .....	276
Element tns:TXSMITO_Type / tns:orgSperrkandidat .....	276
Element tns:TXSMITS_Type / tns:samSperrkandidat .....	277
Element tns:TXSFREIMITB_Type / tns:berSperrkandidat .....	277
Element tns:TXSFREIMITO_Type / tns:orgSperrkandidat .....	277
Element tns:TXSFREIMITS_Type / tns:samSperrkandidat .....	278
Element tns:TXADM .....	278
Element tns:TXAEBER .....	278
Element tns:TXAS .....	279
Element tns:TXASKON .....	280
Element tns:TXUEBERKON .....	280
Element tns:TXBEKODL .....	281
Element tns:TXGKO .....	282
Element tns:TXGWEB .....	282
Element tns:TXSANFB .....	283
Element tns:TXSANFA .....	283
Element tns:TXSAANFB .....	284
Element tns:TXSAANFA .....	285
Element tns:TXSMITB .....	285
Element tns:TXSMITO .....	286
Element tns:TXSMITS .....	287
Element tns:TXSFREIMITB .....	287
Element tns:TXSFREIMITO .....	288
Element tns:TXSFREIMITS .....	289
Element tns:TXAUSEFS .....	289
Element tns:TXASBERAFB .....	290
Element tns:TXASBEREFS .....	291
Element tns:TXANLN .....	292
Element tns:TXKNAWA .....	293
Element tns:TXKNAWB .....	293
Element tns:TXEMBER .....	294
Complex Type(s) .....	295
Complex Type tns:TXEBER_Type .....	295
Complex Type tns:TXAENBER_Type .....	295
Complex Type tns:TXTRANSABBRUCH_Type .....	296
Complex Type tns:NmTransaktion_ID_Type .....	297
Complex Type tns:TXABER_Type .....	297
Complex Type tns:TXAMBER_Type .....	298
Complex Type tns:TX_ABKEY_Type .....	298
Complex Type tns:TXRBER_Type .....	299
Complex Type tns:TXRMBER_Type .....	299
Complex Type tns:TXBEWEBKOKVP_Type .....	300
Complex Type tns:TXLPEB_Type .....	301
Complex Type tns:TXAEBER_Type_1_3_0 .....	301
Complex Type tns:Mitnahme_Type .....	302
Complex Type tns:Linie_ID_Type .....	302
Complex Type tns:LinieVariante_ID_Type .....	302
Complex Type tns:Fahrt_ID_Type .....	303
Complex Type tns:EFSViaOrtsListe_Type .....	303
Complex Type tns:TX_PP_Type .....	304
Complex Type tns:TX_BERLOG_Type .....	304
Complex Type tns:TX_LOG_Type .....	304
Complex Type tns:TX_AFBLOG_Type .....	305
Complex Type tns:TX_EFSLOG_Type .....	305
Complex Type tns:TXASBER_Type .....	306
Complex Type tns:TXANLN_Type .....	307
Complex Type tns:TXAUSEFS_Type .....	308

Complex Type tns:TXADM_Type .....	308
Complex Type tns:TXAEBER_Type .....	309
Complex Type tns:TXEMBER_Type .....	310
Complex Type tns:TXASKON_Type .....	310
Complex Type tns:TXUEBERKON_Type .....	311
Complex Type tns:TXBEKODL_Type .....	312
Complex Type tns:TXGKO_Type .....	312
Complex Type tns:TXGWEB_Type .....	313
Complex Type tns:TXKNAWA_Type .....	313
Complex Type tns:TXKNAWB_Type .....	314
Complex Type tns:TXSANFB_Type .....	315
Complex Type tns:TXSANFA_Type .....	316
Complex Type tns:TXSAANFA_Type .....	316
Complex Type tns:TXSAANFB_Type .....	317
Complex Type tns:TXSMITB_Type .....	317
Complex Type tns:TXSMITO_Type .....	318
Complex Type tns:TXSMITS_Type .....	319
Complex Type tns:TXSFREIMITB_Type .....	319
Complex Type tns:TXSFREIMITO_Type .....	320
Complex Type tns:TXSFREIMITS_Type .....	320
Simple Type(s) .....	321
Simple Type tns:Validation_CODE_Type .....	321
Simple Type tns:Amount65535 .....	323
Simple Type tns:Profil_CODE_Type .....	323
Simple Type tns:SelektionKriterien_Type .....	325
Simple Type tns:Kudentyp_CODE_Type .....	325
Simple Type tns:ServiceKlasse_CODE_Type .....	326
Simple Type tns:ServiceKlasseExtra_CODE_Type .....	327
Simple Type tns:TransportTypeCode_Type .....	328
Simple Type tns:TransportmittelKategorie_CODE_Type .....	329
Simple Type tns:Transportserviceart_CODE_Type .....	329
Namespace: "http://vdv/ka/ah/2" .....	330
Schema(s) .....	330
Imported schema XML-Schema_AH.xsd .....	330
Element(s) .....	330
Element ah:TXAA .....	330
Element ah:TXRA .....	330
Element ah:TXAEA .....	331
Element ah:TXSANFO .....	332
Element ah:TXSANFS .....	332
Element ah:TXSAANFO .....	333
Element ah:TXSAANFS .....	334
Element ah:TXKNAWDM .....	334
Element ah:TXLKAORG .....	335
Element ah:TXLKAORGReq .....	336
Element ah:TXLZVMORG .....	336
Element ah:TXLZVMORGReq .....	337
Complex Type(s) .....	338
Complex Type ah:TXAA_Type .....	338
Complex Type ah:TXRA_Type .....	338
Complex Type ah:TXAEA_Type .....	339
Complex Type ah:TXSANFO_Type .....	339
Complex Type ah:TXSANFS_Type .....	340
Complex Type ah:TXSAANFO_Type .....	341
Complex Type ah:TXSAANFS_Type .....	341
Complex Type ah:TXKNAWDM_Type .....	342
Complex Type ah:TX_LKAORG_Type .....	343
Complex Type ah:TXLKAORG_SL_DATA_Type .....	343
Complex Type ah:TXLKAORG_Req_Type .....	344
Complex Type ah:TX_LZVMORG_Type .....	344
Complex Type ah:TXLZVMORG_SL_DATA_Type .....	345
Complex Type ah:TXLZVMORG_Req_Type .....	346
Namespace: "http://vdv/ka/ah/types/2" .....	346
Schema(s) .....	346
Imported schema XML-Schema_AH_Types.xsd .....	346
Element(s) .....	346
Element tns:Organisation_ID.organisationsNummer .....	346
Complex Type(s) .....	347
Complex Type tns:TX_APP_Type .....	347
Complex Type tns:Kundenroute_Type .....	347
Complex Type tns:OrgIDRolleRoute_Type .....	348
Complex Type tns:Kundenrolle_Type .....	348

Complex Type tns:Organisation_Type .....	348
Simple Type(s) .....	349
Simple Type tns:IP_Format .....	349
Simple Type tns:Port_Format .....	349
Simple Type tns:Email_Type .....	350
Simple Type tns:AHErrorCode .....	350
Namespace: "" .....	353
Element(s) .....	353
Element tns:STATUS_Type / REFERENZNUMMER .....	353
Element tns:STATUS_Type / ANFRAGE_ID .....	354
Element tns:STATUS_Type / STATUS_DATA .....	354
Element tns:VX_Message_Type / StatusCode .....	354
Element tns:VX_Message_Type / StatusText .....	355
Element tns:Ort_ID_Type / ortTyp .....	355
Element tns:Ort_ID_Type / ortNummer .....	355
Element tns:Ort_ID_Type / ortDomaene_ID .....	356
Element tns:Terminal_ID_Type / terminalTyp .....	356
Element tns:Terminal_ID_Type / terminalNummer .....	356
Element tns:Terminal_ID_Type / terminalOwner_ID .....	357
Element tns:NmApplikationInstanz_ID_Type / NmAppInstanznummer .....	357
Element tns:NmApplikationInstanz_ID_Type / kvp_ID .....	357
Element tns:Berechtigung_ID_Type / berechtigungNummer .....	358
Element tns:Berechtigung_ID_Type / kvp_ID .....	358
Element tns:EFMPProdukt_ID_Type / produktNummer .....	358
Element tns:EFMPProdukt_ID_Type / organisationID .....	359
Element tns:Transaktionsdatensatz_Type / Transaktionsdaten .....	359
Element tns:SymSchluessel_ID_Type / schluesselNummer .....	359
Element tns:SymSchluessel_ID_Type / schluesselVersion .....	359
Element tns:SymSchluessel_ID_Type / schluesselInhaber_ID .....	360
Element tns:ASymSchluessel_ID_Type / signaturSchluessel .....	360
Element tns:appNmTransaktionMAC_Type / appMAC_AH .....	360
Element tns:appNmTransaktionMAC_Type / appMAC_KVP .....	360
Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID .....	361
Element tns:appNmTransaktionMAC_Type / appMAC_KVP_Schluessel_ID .....	361
Element tns:berNmTransaktionMAC_Type / berMAC_PV .....	361
Element tns:berNmTransaktionMAC_Type / berMAC_KVP .....	362
Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schluessel_ID .....	362
Element tns:berNmTransaktionMAC_Type / berMAC_KVP_Schluessel_ID .....	362
Element tns:IONTransaktion_ID_Type / transSequenznummer .....	363
Element tns:IONTransaktion_ID_Type / transSenderRolle .....	363
Element tns:IONTransaktion_ID_Type / transSender_ID .....	363
Element tns:ION_TX_HEADER_Type / transAuftrag .....	364
Element tns:ION_TX_HEADER_Type / transEmpfaenger_ID .....	364
Element tns:ION_TX_HEADER_Type / transEmpfaengerRolle .....	364
Element tns:ION_TX_HEADER_Type / transStatus .....	365
Element tns:ION_TX_HEADER_Type / transTransaktion_ID .....	365
Element tns:ION_TX_HEADER_Type / transTransaktionsTyp .....	366
Element tns:ION_TX_HEADER_Type / transTransaktionsZeitpunkt .....	366
Element tns:ION_TX_HEADER_Type / transVersion .....	366
Element tns:ION_TX_HEADER_Type / transWiederholungsZaehler .....	366
Element tns:ION_TX_HEADER_Type / transSignaturTyp .....	367
Element tns:ION_TX_HEADER_Type / transSignaturZertifikat .....	367
Element tns:ION_TX_HEADER_Type / transSignatur .....	367
Element tns:TX_BASE_Type / txbase .....	368
Element tns:TX_RET_Type / transOrigID .....	368
Element tns:TX_RET_Type / transOrigSignatur .....	369
Element tns:TX_RET_Type / transOriginalZeit .....	369
Element tns:TX_SMIT_Type / sperrAnforderungBezug .....	369
Element tns:TX_SMIT_Type / sperrEntscheidung .....	370
Element tns:TX_SANF_Type / sperrSperrgrund .....	370
Element tns:TX_BER_Type / berGueltigkeitsbeginn .....	370
Element tns:TX_BER_Type / berGueltigkeitsende .....	370
Element tns:TX_BER_Type / prodAbrechnungsverfahren .....	371
Element tns:TX_BER_Type / berBezahlArt .....	371
Element tns:TX_BER_Type / berBezahlMittel .....	371
Element tns:TXA_Type / transAblehnungGrund .....	372
Element tns:TXAS_Type / transSendeAuftrag .....	372
Element tns:TXAS_Type / transSendeAuftragstyp .....	373
Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde .....	373
Element tns:TXDEABER_Req_Type / prodProdukt_ID .....	373
Element tns:TXSMITA_Type / appSperrkandidat .....	374
Element tns:TXSANFSYMK_Type / keySperrkandidatsym .....	374







Element tns:TXSANFASYMK_Type / keySperrkandidatasym .....	374
Element tns:TXSFREIMITSYMK_Type / keySperrkandidatsym .....	375
Element tns:TXSFREIMITASYMK_Type / keySperrkandidatasym .....	375
Element tns:TXSMITSYMK_Type / keySperrkandidatsym .....	375
Element tns:TXSMITASYMK_Type / keySperrkandidatasym .....	376
Element tns:TXSNAWA_Req_Type / samSperrkandidat .....	376
Element tns:TXSNAWA_Req_Type / orgSperrkandidat .....	376
Element tns:TXSNAWA_Req_Type / zyklusNummer .....	377
Element tns:TXSNAWA_Req_Type / sperrtransaktionApplikation .....	377
Element tns:TXSNAWA_Req_Type / appNmTransaktionMAC .....	378
Element tns:TXSNAWB_Req_Type / samSperrkandidat .....	378
Element tns:TXSNAWB_Req_Type / orgSperrkandidat .....	378
Element tns:TXSNAWB_Req_Type / zyklusNummer .....	379
Element tns:TXSNAWB_Req_Type / sperrtransaktionBerechtigung .....	379
Element tns:TXSNAWB_Req_Type / berNmTransaktionMAC .....	379
Element ah:TXAA_Type / nmMedium_ID.nutzermediumNummer .....	380
Element ah:TXAA_Type / tx_app .....	380
Element tns:TX_APP_Type / appInstanz_ID .....	381
Element tns:TX_APP_Type / appGueltigkeitsbeginn .....	381
Element tns:TX_APP_Type / appGueltigkeitsende .....	381
Element tns:TX_APP_Type / appVersion .....	381
Element ah:TXAA_Type / ausgabeTransaktionApplikation .....	382
Element ah:TXAA_Type / appNmTransaktionMAC .....	382
Element ah:TXRA_Type / ruecknahmeTransaktionApplikation .....	382
Element ah:TXRA_Type / appNmTransaktionMAC .....	383
Element ah:TXRA_Type / appVersion .....	383
Element ah:TXAEA_Type / appInstanzId .....	383
Element ah:TXAEA_Type / appGueltigkeitsende .....	384
Element ah:TXAEA_Type / appGueltigkeitsbeginn .....	384
Element ah:TXAEA_Type / appVersion .....	384
Element ah:TXSANFS_Type / samSperrkandidat .....	384
Element ah:TXSANFS_Type / samSequenznummer .....	385
Element ah:TXKNAWDM_Type / logTransaktionsOperator_ID .....	385
Element ah:TXKNAWDM_Type / logTerminal_ID .....	385
Element ah:TXKNAWDM_Type / logTransaktionsZeitpunkt .....	386
Element ah:TXKNAWDM_Type / logTransaktionsOrt_ID .....	386
Element ah:TXKNAWDM_Type / transMediennummer .....	386
Element ah:TX_LKAORG_Type / orgListe .....	387
Element ah:TXLKAORG_SL_DATA_Type / ErstellungsDatum .....	387
Element ah:TXLKAORG_SL_DATA_Type / daten .....	387
Element ah:TX_LZVMORG_Type / orgListe .....	388
Element ah:TXLZVMORG_SL_DATA_Type / ErstellungsDatum .....	388
Element ah:TXLZVMORG_SL_DATA_Type / daten .....	388
Element tns:Kundenroute_Type / bezeichnung .....	388
Element tns:Kundenroute_Type / kurzBezeichnung .....	389
Element tns:Kundenroute_Type / email .....	389
Element tns:Kundenroute_Type / orgIDRolleRoute .....	389
Element tns:OrgIDRolleRoute_Type / orgID .....	390
Element tns:OrgIDRolleRoute_Type / rollencode .....	390
Element tns:OrgIDRolleRoute_Type / serviceUrl .....	390
Element tns:OrgIDRolleRoute_Type / interfaceVersion .....	391
Element tns:Kundenrolle_Type / rollencode .....	391
Element tns:Kundenrolle_Type / ip .....	391
Element tns:Kundenrolle_Type / port .....	392
Element tns:Organisation_Type / bezeichnung .....	392
Element tns:Organisation_Type / kurzbezeichnung .....	392
Element tns:Organisation_Type / orgId .....	392
Element tns:Organisation_Type / kommunikationsPartnerRoute .....	393

## Resource hierarchy:

Legend:  Import,  Include,  Redefine,  Override,  Cycle detected

XML-Schema\_Fremd.xsd

  XML-Schema\_KA\_Common.xsd

  XML-Schema\_Common\_Types.xsd

  XML-Schema\_Common\_Types.xsd

- ↳ XML-Schema\_ION.xsd
  - ↳ XML-Schema\_Common\_Types.xsd
  - ↳ XML-Schema\_KA\_Common.xsd
    - ↳ XML-Schema\_Common\_Types.xsd
- ↳ XML-Schema\_PE.xsd
  - ↳ XML-Schema\_Common\_Types.xsd
  - ↳ XML-Schema\_KA\_Common.xsd
    - ↳ XML-Schema\_Common\_Types.xsd
- ↳ XML-Schema\_ION.xsd
  - ↳ XML-Schema\_Common\_Types.xsd
  - ↳ XML-Schema\_KA\_Common.xsd
    - ↳ XML-Schema\_Common\_Types.xsd
- ↳ XML-Schema\_KVP\_DL\_PV\_ext-1.3.0.xsd
  - ↳ XML-Schema\_ION.xsd
    - ↳ XML-Schema\_Common\_Types.xsd
    - ↳ XML-Schema\_KA\_Common.xsd
      - ↳ XML-Schema\_Common\_Types.xsd
- ↳ XML-Schema\_KVP\_DL\_PV.xsd
  - ↳ XML-Schema\_Common\_Types.xsd
  - ↳ XML-Schema\_KA\_Common.xsd
    - ↳ XML-Schema\_Common\_Types.xsd
  - ↳ XML-Schema\_ION.xsd
    - ↳ XML-Schema\_Common\_Types.xsd
    - ↳ XML-Schema\_KA\_Common.xsd
      - ↳ XML-Schema\_Common\_Types.xsd
- ↳ XML-Schema\_AH.xsd
  - ↳ XML-Schema\_Common\_Types.xsd
  - ↳ XML-Schema\_ION.xsd
    - ↳ XML-Schema\_Common\_Types.xsd
    - ↳ XML-Schema\_KA\_Common.xsd
      - ↳ XML-Schema\_Common\_Types.xsd
- ↳ XML-Schema\_AH\_Types.xsd
  - ↳ XML-Schema\_Common\_Types.xsd

- XML-Schema\_ION.xsd
- XML-Schema\_Common\_Types.xsd
- XML-Schema\_KA\_Common.xsd
- XML-Schema\_Common\_Types.xsd
- XML-Schema\_KA\_Common.xsd
- XML-Schema\_Common\_Types.xsd

**Namespace: "http://vdv/ka/fremd/1"**

## Schema(s)

### Main schema XML-Schema\_Fremd.xsd

Namespace	http://vdv/ka/fremd/1
Properties	attribute form default: unqualified
	element form default: unqualified
	version: 1.8.0
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

## Element(s)

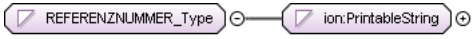
### Element tns:STATUS

Namespace	http://vdv/ka/fremd/1
Annotations	Element: Status einer beliebiger Antwort
Diagram	
Type	tns:STATUS_Type
Properties	content: complex
Model	REFERENZNUMMER, ANFRAGE_ID{0,1}, STATUS_DATA
Children	ANFRAGE_ID, REFERENZNUMMER, STATUS_DATA
Instance	<pre>&lt;tns:STATUS xmlns:tns="http://vdv/ka/fremd/1"&gt;   &lt;REFERENZNUMMER&gt;{1,1}&lt;/REFERENZNUMMER&gt;   &lt;ANFRAGE_ID&gt;{0,1}&lt;/ANFRAGE_ID&gt;   &lt;STATUS_DATA&gt;{1,1}&lt;/STATUS_DATA&gt; &lt;/tns:STATUS&gt;</pre>
Source	<pre>&lt;xs:element name="STATUS" type="tns:STATUS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Status einer beliebiger Antwort&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

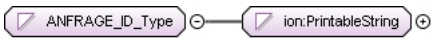
## Simple Type(s)

### Simple Type tns:REFERENZNUMMER\_Type

Namespace	http://vdv/ka/fremd/1
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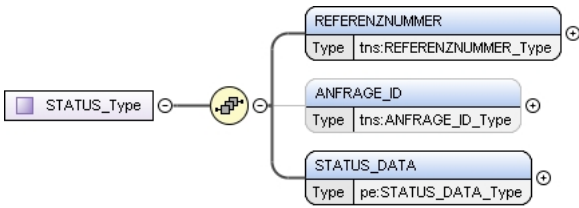
Diagram	
Type	tns:PrintableString
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:PrintableString</li> <li>tns:REFERENZNUMMER_Type</li> </ul>
Facets	pattern [ -p ] *
Used by	Element tns:STATUS_Type/REFERENZNUMMER
Source	<pre>&lt;xs:simpleType name="REFERENZNUMMER_Type"&gt;   &lt;xs:restriction base="ion:PrintableString"&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

### Simple Type tns:ANFRAGE\_ID\_Type

Namespace	http://vdv/ka/fremd/1
Diagram	
Type	tns:PrintableString
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:PrintableString</li> <li>tns:ANFRAGE_ID_Type</li> </ul>
Facets	pattern [ -p ] *
Used by	Element tns:STATUS_Type/ANFRAGE_ID
Source	<pre>&lt;xs:simpleType name="ANFRAGE_ID_Type"&gt;   &lt;xs:restriction base="ion:PrintableString"&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

## Complex Type(s)

### Complex Type tns:STATUS\_Type

Namespace	http://vdv/ka/fremd/1
Diagram	
Used by	Element tns:STATUS
Model	REFERENZNUMMER , ANFRAGE_ID{0,1} , STATUS_DATA
Children	ANFRAGE_ID, REFERENZNUMMER, STATUS_DATA
Source	<pre>&lt;xs:complexType name="STATUS_Type"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="REFERENZNUMMER" type="tns:REFERENZNUMMER_Type" /&gt;     &lt;xs:element name="ANFRAGE_ID" type="tns:ANFRAGE_ID_Type" minOccurs="0" /&gt;     &lt;xs:element name="STATUS_DATA" type="pe:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

## Namespace: "http://vdv/ka/common/2"

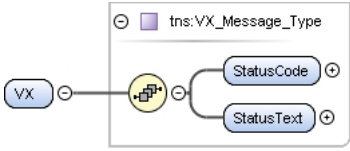
### Schema(s)

#### Imported schema XML-Schema\_KA\_Common.xsd

Namespace	http://vdv/ka/common/2
Properties	attribute form default: unqualified
	element form default: unqualified
	version: 1.8.0
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd


### Element(s)

#### Element tns:VX

Namespace	http://vdv/ka/common/2
Annotations	KA VX Nachricht Eine VX Nachricht wird bei einer asynchronen Anwendungskommunikation als Bestaetigung einer Dienstanfrage gesendet. Durch die VX Nachricht wird dem anfragenden System der Status der iniitalen Datenuebermittlung mitgeteilt.
Diagram	
Type	tns:VX_Message_Type
Properties	content: complex
Model	StatusCode, StatusText
Children	StatusCode, StatusText
Instance	<pre>&lt;tns:VX xmlns:tns="http://vdv/ka/common/2"&gt;   &lt;StatusCode&gt;{1,1}&lt;/StatusCode&gt;   &lt;StatusText&gt;{1,1}&lt;/StatusText&gt; &lt;/tns:VX&gt;</pre>
Source	<pre>&lt;xs:element name="VX" type="tns:VX_Message_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;KA VX Nachricht Eine VX Nachricht wird bei einer asynchronen     Anwendungskommunikation als Bestaetigung einer Dienstanfrage gesendet. Durch die VX Nachricht wird     dem anfragenden System der Status der iniitalen Datenuebermittlung mitgeteilt.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

### Simple Type(s)

#### Simple Type tns:Organisation\_ID

Namespace	http://vdv/ka/common/2
Annotations	Type: Eindeutiger Identifier einer Organisation
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>
Facets	maxInclusive 65535

	minInclusive	0
Used by	Elements	tns:Berechtigung_ID_Type/kvp_ID, tns:EFMProdukt_ID_Type/organisationID, tns:Fahrt_ID_Type/tns:fahrtBetreiber_ID, tns:IONTransaktion_ID_Type/transSender_ID, tns:ION_TX_HEADER_Type/transEmpfaenger_ID, tns:Linie_ID_Type/tns:linieDomaene_ID, tns:NmApplikationInstanz_ID_Type/kvp_ID, tns:NmVerzeichniseintragSchluesselregister_Type/tns:Org_ID_Hersteller, tns:OrgIDRolleRoute_Type/orgID, tns:Ort_ID_Type/ortDomaene_ID, tns:SAM_DA_TA_Type/tns:samOrganisations_ID, tns:TXSFREIMITO_Type/tns:orgSperrkandidat, tns:TXSMITO_Type/tns:orgSperrkandidat, tns:TXSNAWA_Req_Type/orgSperrkandidat, tns:TXSNAWB_Req_Type/orgSperrkandidat, tns:TX_LOG_Type/tns:logTransaktionsoperator_ID, tns:Terminal_ID_Type/terminalOwner_ID
Source	<pre>&lt;xs:simpleType name="Organisation_ID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type: Eindeutiger Identifier einer Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:ReferenceNumberTwo"/&gt; &lt;/xs:simpleType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd	

## Simple Type tns:KommunikationsParterRolle

Namespace	http://vdv/ka/common/2	
Annotations	Rolle des Kommunikationspartners: 1=KVP, 2=DL, 3=PV, 4=AH, 5=KOSES	
Diagram		
Type	restriction of tns:INT1	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt           <ul style="list-style-type: none"> <li>tns:INT1               <ul style="list-style-type: none"> <li>tns:KommunikationsParterRolle</li> </ul> </li> </ul> </li> </ul>	
Facets	maxInclusive	255
	minInclusive	0
	enumeration	0 Unbekannt
	enumeration	1 KVP
	enumeration	2 DL
	enumeration	3 PV
	enumeration	4 AH
	enumeration	5 KOSES
	enumeration	254 ZVM
Used by	Elements	tns:IONTransaktion_ID_Type/transSenderRolle, tns:ION_TX_HEADER_Type/transEmpfaengerRolle, tns:Kundenrolle_Type/rollencode, tns:OrgIDRolleRoute_Type/rollencode
Source	<pre>&lt;xs:simpleType name="KommunikationsParterRolle"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolle des Kommunikationspartners: 1=KVP, 2=DL, 3=PV, 4=AH, 5=KOSES&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Unbekannt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;KVP&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;DL&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="3"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;PV&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	

	<pre> &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;AH&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;KOSSES&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="254"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;ZVM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

## Simple Type tns:StatusCode

Namespace	http://vdv/ka/common/2		
Annotations	Status Codes einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten)		
Diagram			
Type	restriction of tns:INT1		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:StatusCode</li></ul></li></ul></li></ul>		
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor.
	enumeration	1	Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden.
	enumeration	2	Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde.
	enumeration	3	Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt.
	enumeration	4	Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden.
	enumeration	5	Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.
	enumeration	6	Die asynchrone Nachricht kann nicht zwischengespeichert werden.
	enumeration	7	Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle nicht bekannt.
	enumeration	255	Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden.
Used by	Element	tns:VX_Message_Type/StatusCode	
Source	<pre>&lt;xs:simpleType name="StatusCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Status Codes einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"&gt;       &lt;xs:annotation&gt;</pre>		

	<pre> &lt;xs:documentation&gt;Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="1"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="2"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde.&lt;/ xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="3"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="4"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="5"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.&lt;/ xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="6"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Die asynchrone Nachricht kann nicht zwischengespeichert werden.&lt;/ xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="7"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle nicht bekannt.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="255"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/rela- tive/ka/common/2/XML-Schema_KA_Common.xsd

## Simple Type `tns:StatusText`

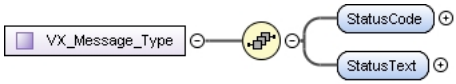
Namespace	http://vdv/ka/common/2		
Annotations	Textuelle Beschreibung des "Status Codes" einer KA VX Nachricht		
Diagram	<pre> classDiagram     class StatusText     class xs_string["xs:string"]     StatusText -- &gt; xs_string </pre>		
Type	restriction of xs:string		
Facets	<table> <tr> <td>maxLength</td><td>255</td></tr> </table>	maxLength	255
maxLength	255		
Used by	<table> <tr> <td>Element</td><td>tns:VX_Message_Type/StatusText</td></tr> </table>	Element	tns:VX_Message_Type/StatusText
Element	tns:VX_Message_Type/StatusText		
Source	<pre> &lt;xs:simpleType name="StatusText"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Textuelle Beschreibung des "Status Codes" einer KA VX Nachricht&lt;/ xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:maxLength value="255"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		



Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd
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## Complex Type(s)

### Complex Type `tns:VX_Message_Type`

Namespace	http://vdv/ka/common/2
Annotations	Type: Struktur einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten)
Diagram	
Used by	Element <code>tns:VX</code>
Model	StatusCode , StatusText
Children	StatusCode, StatusText
Source	<pre>&lt;xs:complexType name="VX_Message_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type: Struktur einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="StatusCode" type="tns:StatusCode" /&gt;     &lt;xs:element name="StatusText" type="tns:StatusText" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

## Namespace: "http://vdv/ka/common/types/2"


### Schema(s)

#### Imported schema `XML-Schema_Common_Types.xsd`

Namespace	http://vdv/ka/common/types/2						
Properties	<table> <tr> <td>attribute form default:</td><td>unqualified</td></tr> <tr> <td>element form default:</td><td>unqualified</td></tr> <tr> <td>version:</td><td>1.8.0</td></tr> </table>	attribute form default:	unqualified	element form default:	unqualified	version:	1.8.0
attribute form default:	unqualified						
element form default:	unqualified						
version:	1.8.0						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd						


## Simple Type(s)

### Simple Type `tns:ReferenceNumberTwo`


Namespace	http://vdv/ka/common/types/2				
Annotations	Integer der den positiven Zahlenraum von zwei Bytes umfasst				
Diagram					
Type	tns:INT2				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Used by	<table> <tr> <td>Simple Type</td><td>tns:Organisation_ID</td></tr> <tr> <td>Elements</td><td>ah:TXKNAWDM_Type/logTransaktionsOperator_ID, tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOperator_ID, tns:EFMProdukt_ID_Type/produktNummer, tns:Linie_ID_Type/tns:linienNummer, tns:NmKundendaten_Type/tns:kundenTyp1.Anwendungsgebiet, tns:NmKundendaten</td></tr> </table>	Simple Type	tns:Organisation_ID	Elements	ah:TXKNAWDM_Type/logTransaktionsOperator_ID, tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOperator_ID, tns:EFMProdukt_ID_Type/produktNummer, tns:Linie_ID_Type/tns:linienNummer, tns:NmKundendaten_Type/tns:kundenTyp1.Anwendungsgebiet, tns:NmKundendaten
Simple Type	tns:Organisation_ID				
Elements	ah:TXKNAWDM_Type/logTransaktionsOperator_ID, tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOperator_ID, tns:EFMProdukt_ID_Type/produktNummer, tns:Linie_ID_Type/tns:linienNummer, tns:NmKundendaten_Type/tns:kundenTyp1.Anwendungsgebiet, tns:NmKundendaten				

	en_Type/tns:kundenTyp2.Anwendungsgebiet, tns:NmKundendaten_Type/tns:kundenTyp3.Anwendungsgebiet, tns:NmVerzeichniseintragApplikationslogbuch_Type/tns:logApplikationSeqNumber, tns:NmVerzeichniseintragBerechtigungen_Type/tns:prodKeyOrganisation_ID, tns:Organisation_ID.or- ganisationsNummer, tns:Organisation_Type/orgId, tns:SymSchlüssel_ID_Type/schlüsselInhaber_ID, tns:TXKNAWA_Type/tns:logTransaktionsOperator_ID, tns:TXKNAWB_Type/tns:logTransaktionsOp- erator_ID, tns:Terminal_ID_Type/terminalNummer
Source	<pre>&lt;xs:simpleType name="ReferenceNumberTwo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von zwei Bytes umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT2"/&gt; &lt;/xs:simpleType&gt;</pre>
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/rela- tive/ka/common/types/2/XML-Schema_Common_Types.xsd

## Simple Type tns:INT2

Namespace	http://vdv/ka/common/types/2		
Annotations	Integer der den positiven Zahlenraum von zwei Bytes umfasst		
Diagram			
Type	restriction of xs:unsignedInt		
Facets	maxInclusive	65535	
	minInclusive	0	
Used by	Simple Types	tns:Amount65535, tns:ReferenceNumberTwo, tns:SequenceNumberTwo	
	Element	tns:TX_PP_Type/tns:ppMehrwertsteuer	
Source	<pre>&lt;xs:simpleType name="INT2"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von zwei Bytes umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:unsignedInt"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="65535"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd		

## Simple Type tns:INT1

Namespace	http://vdv/ka/common/types/2		
Annotations	Integer der den positiven Zahlenraum eines Bytes umfasst		
Diagram			
Type	restriction of xs:unsignedInt		
Facets	maxInclusive	255	
	minInclusive	0	
Used by	Simple Types	tns:AHErrorCode, tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsParterRolle, tns:Kundentyp_CODE_Type, tns:NmTransaktionsTyp_CODE, tns:OrtsTyp_CODE_Type, tns:Profil_CODE_Type, tns:ReferenceNumberOne, tns:STATUS_CODE_ApplicationError_Type, tns:STATUS_CODE_EngineError_Type, tns:STATUS_CODE_EntitlementError_Type, tns:STATUS_CODE_MediumError_Type, tns:STATUS_CODE_OK_Type, tns:STATUS_CODE_PrinterError_Type, tns:STATUS_CODE_ServiceOperatorError_Type, tns:STATUS_CODE_SessionError_Type, tns:STATUS_CODE_SoftwareError_Type, tns:SequenceNumberOne, tns:ServiceKlasse-Extra_CODE_Type, tns:ServiceKlasse_CODE_Type, tns:StatusCode, tns:TerminalTyp_CODE_Type, tns:TransportTypeCode_Type, tns:Validation_CODE_Type	
	Elements	tns:AllgemeineTransaktionsdaten/tns:logTransaktionsTyp.code, tns:ION_TX_HEADER_Type/transSignaturTyp, tns:ION_TX_HEADER_Type/transStatus, tns:ION_TX_HEADER_Type/transTransaktionsTyp, tns:ION_TX_HEADER_Type/transWiederholungsZaehler, tns:Mitnahme_Type/tns:mitnahmeAnzahl, tns:NmKundendaten_Type/tns:kundeSprache.code, tns:NmKundendaten_Type/tns:kundenTyp1.code, tns:NmKundendaten_Type/tns:kundenTyp2.code, tns:NmKundendaten_Type/tns:kundenTyp3.code, tns:NmSystemspezifischerVerzeichnisteil_Type/tns:zeigerSeparaterDatenteil, tns:NmVerzeichniseintragAppDaten_Type/tns:appStatus, tns:NmVerzeichniseintragAppDat-	

	<p>en_Type/tns:appSynchronNummer, tns:NmVerzeichniseintragBerechtigungen_Type/tns:berStatus, tns:NmVerzeichniseintragLetzteTransaktion_Type/tns:logTransaktionsTyp.code, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz1, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz10, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz11, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz12, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz13, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz14, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz15, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz16, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz2, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz3, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz4, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz5, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz6, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz7, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz8, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz9, tns:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchluessel_ID_Type/schluesselVersion, tns:TXA_Type/transAblehnungGrund, tns:TX_SANF_Type/sperrSpergrund</p>
Source	<pre>&lt;xs:simpleType name="INT1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum eines Bytes umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:unsignedInt"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="255"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

### Simple Type tns:BitString1

Namespace	http://vdv/ka/common/types/2				
Annotations	String mit Laenge von 1 Zeichen, das nur "0" oder "1" enthalten darf				
Diagram	<pre>graph LR     BitString1 -- restriction --&gt; xs_string[xs:string]</pre>				
Type	restriction of xs:string				
Facets	<table> <tr> <td>length</td><td>1</td></tr> <tr> <td>pattern</td><td>[0-1]</td></tr> </table>	length	1	pattern	[0-1]
length	1				
pattern	[0-1]				
Source	<pre>&lt;xs:simpleType name="BitString1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;String mit Laenge von 1 Zeichen, das nur "0" oder "1" enthalten darf&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="1" fixed="true"/&gt;     &lt;xs:pattern value="[0-1]"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd				

### Simple Type tns:BitString8

Namespace	http://vdv/ka/common/types/2				
Annotations	String mit Laenge von 8 Zeichen, die nur "0" oder "1" enthalten duerfen				
Diagram	<pre>graph LR     BitString8 -- restriction --&gt; xs_string[xs:string]</pre>				
Type	restriction of xs:string				
Facets	<table> <tr> <td>length</td><td>8</td></tr> <tr> <td>pattern</td><td>[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]</td></tr> </table>	length	8	pattern	[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]
length	8				
pattern	[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]				
Used by	<table> <tr> <td>Simple Type</td><td>tns:VersionNumber</td></tr> <tr> <td>Elements</td><td>ah:TXAEA_Type/appVersion, ah:TXRA_Type/appVersion, tns:NmKundendaten_Type/tns:kundeGeschlecht.code, tns:TX_APP_Type/appVersion</td></tr> </table>	Simple Type	tns:VersionNumber	Elements	ah:TXAEA_Type/appVersion, ah:TXRA_Type/appVersion, tns:NmKundendaten_Type/tns:kundeGeschlecht.code, tns:TX_APP_Type/appVersion
Simple Type	tns:VersionNumber				
Elements	ah:TXAEA_Type/appVersion, ah:TXRA_Type/appVersion, tns:NmKundendaten_Type/tns:kundeGeschlecht.code, tns:TX_APP_Type/appVersion				
Source	<pre>&lt;xs:simpleType name="BitString8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;String mit Laenge von 8 Zeichen, die nur "0" oder "1" enthalten duerfen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>				

	<pre> &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:string"&gt;   &lt;xs:length value="8" fixed="true"/&gt;   &lt;xs:pattern value="[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]" /&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

### Simple Type `tns:BitString16`

Namespace	http://vdv/ka/common/types/2	
Annotations	String mit Laenge von 16 Zeichen, die nur "0" oder "1" enthalten duerfen	
Diagram		
Type	restriction of xs:string	
Facets	length	16
	pattern	<pre> [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1] </pre>
Used by	Element	tns:ION_TX_HEADER_Type/transVersion
	Simple Type	tns:VersionNumberExtended
Source	<pre> &lt;xs:simpleType name="BitString16"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;String mit Laenge von 16 Zeichen, die nur "0" oder "1" enthalten duerfen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="16" fixed="true"/&gt;     &lt;xs:pattern value="[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd	

### Simple Type `tns:DateTime`

Namespace	http://vdv/ka/common/types/2	
Annotations	Datum mit Uhrzeit (nutzt den Standard)	
Diagram		
Type	xs:dateTime	
Used by	Elements	ah:TXLKAORG_SL_DATA_Type/ErstellungsDatum, ah:TXLZVMORG_SL_DATA_Type/ErstellungsDatum, tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt, tns:SESSION_DATA_Type/tns:DATE_TIME
	Simple Type	tns:SelektionKriterien_Type
Source	<pre> &lt;xs:simpleType name="DateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Datum mit Uhrzeit (nutzt den Standard)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:dateTime" /&gt; &lt;/xs:simpleType&gt; </pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd	

### Simple Type `tns:Date`

Namespace	http://vdv/ka/common/types/2	
Annotations	Datum ohne Uhrzeit (nutzt den Standard)	
Diagram		
Type	xs:date	

Used by	Elements tns:SAM_DATA_Type/tns:samGueltigkeitsbeginn, tns:SAM_DATA_Type/tns:samVerfalldatum, tns:TXDEABER_Req_Type/prodAkzeptanzEnde
Source	<pre>&lt;xs:simpleType name="Date"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Datum ohne Uhrzeit (nutzt den Standard)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:date"/&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

## Simple Type tns:DateTimeCompact

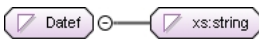
Namespace	http://vdv/ka/common/types/2				
Annotations	<p>Datum mit Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschränkt, so dass ueber eine binaere Darstellung im Nutzermedium 4 Byte ausreichend sind. 1990-01-01T:00:00:00 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02T00:00:02, da angenommen wird, dass DateTimeCompact sich aus DateCompact und TimeCompact (siehe BOM Spez.) zusammensetzt. Achtung: es wird lokale Zeit verwendet (keine Zeitzonen) um unguelte Werte bei Abschneiden einer Zeitzoneninformation zu vermeiden!</p>				
Diagram	<pre> graph LR     DateTimeCompact -- restriction --&gt; xs dateTime   </pre>				
Type	restriction of xs:dateTime				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Used by	Elements ah:TXAEA_Type/appGueltigkeitsbeginn, ah:TXAEA_Type/appGueltigkeitsende, ah:TXKNAWD-M_Type/logTransaktionsZeitpunkt, tns:AllgemeineTransaktionsdaten/tns:logTransaktionsZeitpunkt, tns:NmKundendaten_Type/tns:kundenTyp1.AblaufDatum, tns:NmKundendaten_Type/tns:kundenTyp1.BeginnDatum, tns:NmKundendaten_Type/tns:kundenTyp2.AblaufDatum, tns:NmKundendaten_Type/tns:kundenTyp2.BeginnDatum, tns:NmKundendaten_Type/tns:kundenTyp3.AblaufDatum, tns:NmKundendaten_Type/tns:kundenTyp3.BeginnDatum, tns:NmVerzeichniseintragAppDaten_Type/tns:appGueltigkeitsbeginn, tns:NmVerzeichniseintragAppDaten_Type/tns:appGueltigkeitsende, tns:NmVerzeichniseintragBerechtigungen_Type/tns:berGueltigkeitsbeginn, tns:NmVerzeichniseintragBerechtigungen_Type/tns:berGueltigkeitsende, tns:TXKNAWA_Type/tns:logTransaktionsZeitpunkt, tns:TX_APP_Type/appGueltigkeitsbeginn, tns:TX_APP_Type/appGueltigkeitsende, tns:TX_BER_Type/berGueltigkeitsbeginn, tns:TX_BER_Type/berGueltigkeitsende, tns:TX_LOG_Type/tns:logTransaktionsZeitpunkt_ID				
Source	<pre>&lt;xs:simpleType name="DateTimeCompact"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Datum mit Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschränkt, so dass ueber eine binaere Darstellung im Nutzermedium 4 Byte ausreichend sind. 1990-01-01T:00:00:00 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02T00:00:02, da angenommen wird, dass DateTimeCompact sich aus DateCompact und TimeCompact (siehe BOM Spez.) zusammensetzt. Achtung: es wird lokale Zeit verwendet (keine Zeitzonen) um unguelte Werte bei Abschneiden einer Zeitzoneninformation zu vermeiden!&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:dateTime"&gt;     &lt;xs:minInclusive value="1990-01-01T00:00:00"/&gt;     &lt;xs:maxInclusive value="2117-12-31T23:59:58"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd				

## Simple Type tns:DateCompact


Namespace	http://vdv/ka/common/types/2
Annotations	<p>Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschränkt, so dass ueber eine binaere Darstellung im Nutzermedium 2 Byte ausreichend sind. 1990-01-01 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02 (siehe BOM Spez.).</p>
Diagram	<pre> graph LR     DateCompact -- restriction --&gt; xs date   </pre>

Type	restriction of xs:date
Facets	maxInclusive 2117-12-31
	minInclusive 1990-01-01
Source	<pre>&lt;xs:simpleType name="DateCompact"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der     Wertebereich eingeschaenkt, so dass ueber eine binaere Darstellung im Nutzermedium 2 Byte     ausreichend sind. 1990-01-01 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02     (siehe BOM Spez.).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:date"&gt;     &lt;xs:minInclusive value="1990-01-01"/&gt;     &lt;xs:maxInclusive value="2117-12-31"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

## Simple Type tns:Datef


Namespace	http://vdv/ka/common/types/2
Annotations	BCD codierte Darstellung eines Datums als "Hexstring" in der Form yyyyymmdd. "00000000" ist fuer "keine Angabe". Die Einschraenkung von 00010101 bis 99991231 wie in der BOM gefordert wird ueber das Pattern abgebildet.
Diagram	
Type	restriction of xs:string
Facets	length 8
	pattern [0-9][0-9][0-9][0-9][0-1][0-9][0-3][0-9]
Used by	Element tns:NmKundendaten_Type/tns:kundeGeburtsdatum
Source	<pre>&lt;xs:simpleType name="Datef"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;BCD codierte Darstellung eines Datums als "Hexstring" in der Form yyyyymmdd.     "00000000" ist fuer "keine Angabe". Die Einschraenkung von 00010101 bis 99991231 wie in der BOM     gefordert wird ueber das Pattern abgebildet.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="8" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9][0-1][0-9][0-3][0-9]"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

## Simple Type tns:INT3

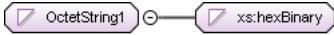
Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum von drei Bytes umfasst
Diagram	
Type	restriction of xs:unsignedInt
Facets	maxInclusive 16777215
	minInclusive 0
Used by	Simple Types tns:ReferenceNumberThree, tns:SequenceNumberThree
Source	<pre>&lt;xs:simpleType name="INT3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von drei Bytes umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:unsignedInt"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="16777215"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd
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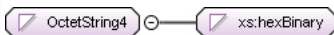
## Simple Type `tns:INT4`

Namespace	http://vdv/ka/common/types/2	
Annotations	Integer der den positiven Zahlenraum von vier Bytes umfasst	
Diagram		
Type	restriction of xs:unsignedInt	
Facets	maxInclusive	4294967295
	minInclusive	0
Used by	Simple Types	tns:ReferenceNumberFour, tns:SequenceNumberFour, tns:SperrlistenZyklusNummer_Type
	Elements	tns:OrgIDRolleRoute_Type/interfaceVersion, tns:TXASKON_Type/tns:samLoadKeyZaehler, tns:TXASKON_Type/tns:samNutzungsLimitNeu, tns:TXUEBERKON_Type/tns:samLoadKeyZaehler, tns:TXUEBERKON_Type/tns:samNutzungsLimitGen
Source	<pre>&lt;xs:simpleType name="INT4"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von vier Bytes umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:unsignedInt"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="4294967295"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd	

## Simple Type `tns:OctetString1`

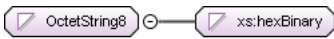
Namespace	http://vdv/ka/common/types/2	
Annotations	Hexstring mit einer maximalen Laenge von 1 Byte (2 Zeichen)	
Diagram		
Type	restriction of xs:hexBinary	
Facets	length	1
Used by	Elements	tns:NmVerzeichniseintragSchluesselregister_Type/tns:RFU1, tns:NmVerzeichniseintragSchluesselregister_Type/tns:RFU2, tns:Schluesselversionen_Type/tns:K-ERF-KM-MAC, tns:Schluesselversionen_Type/tns:K-KVP-KM-MAC, tns:Schluesselversionen_Type/tns:K-PV-KM-MAC
Source	<pre>&lt;xs:simpleType name="OctetString1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Hexstring mit einer maximalen Laenge von 1 Byte (2 Zeichen)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:hexBinary"&gt;     &lt;xs:length value="1" fixed="true"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd	

## Simple Type `tns:OctetString4`

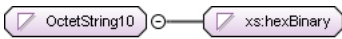
Namespace	http://vdv/ka/common/types/2	
Annotations	Hexstring mit einer maximalen Laenge von 4 Byte (8 Zeichen)	
Diagram		
Type	restriction of xs:hexBinary	
Facets	length	4
Used by	Elements	tns:NmVerzeichniseintragSchluesselregister_Type/tns:Herstellerversion, tns:NmVerzeichniseintragSchluesselregister_Type/tns:Zufallszahl, tns:TX_AFBLOG_Type/tns:afbLogDynamischerRabattParameter
Source	<pre>&lt;xs:simpleType name="OctetString4"&gt;   &lt;xs:annotation&gt;</pre>	

	<pre> &lt;xs:documentation&gt;Hexstring mit einer maximalen Laenge von 4 Byte (8 Zeichen)&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:restriction base="xs:hexBinary"&gt;   &lt;xs:length value="4" fixed="true" /&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd


### Simple Type `tns:OctetString8`

Namespace	http://vdv/ka/common/types/2
Annotations	Hexstring mit einer maximalen Laenge von 8 Byte (16 Zeichen)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 8
Used by	Elements tns:appNmTransaktionMAC_Type/appMAC_AH, tns:appNmTransaktionMAC_Type/appMAC_KVP, tns:berNmTransaktionMAC_Type/berMAC_KVP, tns:berNmTransaktionMAC_Type/berMAC_PV
Source	<pre> &lt;xs:simpleType name="OctetString8"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Hexstring mit einer maximalen Laenge von 8 Byte (16 Zeichen)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:hexBinary"&gt;     &lt;xs:length value="8" fixed="true" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

### Simple Type `tns:OctetString10`

Namespace	http://vdv/ka/common/types/2
Annotations	Hexstring mit einer maximalen Laenge von 10 Byte (20 Zeichen)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 10
Used by	Elements ah:TXAA_Type/nmMedium_ID.nutzermediumNummer, ah:TXKNAWDM_Type/transMediennummer, tns:TXADM_Type/tns:transMediennummer, tns:TXAUSEFS_Type/tns:berBezahlMittel, tns:TX_ABKEY_Type/tns:berAbleitungsdaten, tns:TX_BER_Type/berBezahlMittel
Source	<pre> &lt;xs:simpleType name="OctetString10"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Hexstring mit einer maximalen Laenge von 10 Byte (20 Zeichen)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:hexBinary"&gt;     &lt;xs:length value="10" fixed="true" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

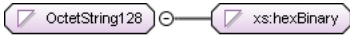
### Simple Type `tns:OctetString12`

Namespace	http://vdv/ka/common/types/2
Annotations	Hexstring mit einer maximalen Laenge von 12 Byte (24 Zeichen)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 12
Used by	Element tns:ASymSchluessel_ID_Type/signaturSchluessel

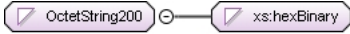


Source	<pre>&lt;xs:simpleType name="OctetString12"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Hexstring mit einer maximalen Laenge von 12 Byte (24 Zeichen)&lt;/   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:hexBinary"&gt;     &lt;xs:length value="12" fixed="true"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

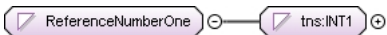
### Simple Type **tns:OctetString128**

Namespace	http://vdv/ka/common/types/2
Annotations	Hexstring mit einer maximalen Laenge von 128 Byte (256 Zeichen)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 128
Source	<pre>&lt;xs:simpleType name="OctetString128"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Hexstring mit einer maximalen Laenge von 128 Byte (256 Zeichen)&lt;/   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:hexBinary"&gt;     &lt;xs:length value="128" fixed="true"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

### Simple Type **tns:OctetString200**

Namespace	http://vdv/ka/common/types/2
Annotations	Hexstring mit einer maximalen Laenge von 200 Byte (400 Zeichen)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 200
Source	<pre>&lt;xs:simpleType name="OctetString200"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Hexstring mit einer maximalen Laenge von 200 Byte (400 Zeichen)&lt;/   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:hexBinary"&gt;     &lt;xs:length value="200" fixed="true"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

### Simple Type **tns:ReferenceNumberOne**

Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum von einem Byte umfasst
Diagram	
Type	tns:INT1
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT1                 <ul style="list-style-type: none"> <li>tns:ReferenceNumberOne</li> </ul> </li> </ul> </li> </ul>
Facets	maxInclusive 255

	minInclusive	0
Used by	Elements	tns:LinieVariante_ID_Type/tns:variantenNummer, tns:NmVerzeichniseintragBerechtigungen_Type/tns:berSynchronNummer
Source	<pre>&lt;xs:simpleType name="ReferenceNumberOne"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von einem Byte umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT1"/&gt; &lt;/xs:simpleType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd	

### Simple Type tns:ReferenceNumberThree


Namespace	http://vdv/ka/common/types/2	
Annotations	Integer der den positiven Zahlenraum von drei Bytes umfasst	
Diagram	<pre>graph LR     ReferenceNumberThree -- restriction --&gt; tnsINT3[tns:INT3]</pre>	
Type	tns:INT3	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT3                     <ul style="list-style-type: none"> <li>tns:ReferenceNumberThree</li> </ul> </li> </ul> </li> </ul>	
Facets	maxInclusive	16777215
	minInclusive	0
Used by	Elements	ah:TXSANFS_Type/samSperrkandidat, tns:Fahrt_ID_Type/tns:fahrtNummer, tns:Ort_ID_Type/ortNummer, tns:SAM-Schlüssel-Info_Type/tns:SAM_ID.samNummer, tns:SAM_Transaktion_ID_Type/tns:SAM_ID.samNummer
	Simple Type	tns:SAM_ID_Type
Source	<pre>&lt;xs:simpleType name="ReferenceNumberThree"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von drei Bytes umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT3"/&gt; &lt;/xs:simpleType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd	

### Simple Type tns:ReferenceNumberFour

Namespace	http://vdv/ka/common/types/2	
Annotations	Integer der den positiven Zahlenraum von vier Bytes umfasst	
Diagram	<pre>graph LR     ReferenceNumberFour -- restriction --&gt; tnsINT4[tns:INT4]</pre>	
Type	tns:INT4	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT4                     <ul style="list-style-type: none"> <li>tns:ReferenceNumberFour</li> </ul> </li> </ul> </li> </ul>	
Facets	maxInclusive	4294967295
	minInclusive	0
Used by	Elements	tns:Berechtigung_ID_Type/berechtigungNummer, tns:NmApplikationInstanz_ID_Type/NmApplInstanznummer, tns:SAM-Schlüssel-Info_Type/tns:LoadKey-Zaehler, tns:SAM-Schlüssel-Info_Type/tns:Nutzungs-Limit, tns:SAM-Schlüssel-Info_Type/tns:Nutzungs-Sequenz-Zaehler, tns:SAM_Transaktion_ID_Type/tns:samSequenznummer, tns:TXTRANSABBRUCH_Type/tns:MKAH-PV-Nutzungszaehler, tns:TXTRANSABBRUCH_Type/tns:MKKVP-Nutzungszaehler
Source	<pre>&lt;xs:simpleType name="ReferenceNumberFour"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von vier Bytes umfasst&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>	

	<pre>&lt;xs:restriction base="tns:INT4"/&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd


### Simple Type **tns:SequenceNumberOne**

Namespace	http://vdv/ka/common/types/2				
Annotations	Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer.				
Diagram					
Type	tns:INT1				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:SequenceNumberOne</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<pre>&lt;xs:simpleType name="SequenceNumberOne"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT1"/&gt; &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd				

### Simple Type **tns:SequenceNumberTwo**


Namespace	http://vdv/ka/common/types/2				
Annotations	Integer der den positiven Zahlenraum von zwei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.				
Diagram					
Type	tns:INT2				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:SequenceNumberTwo</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Used by	Element tns:AllgemeineTransaktionsdaten/tns:logApplikationSeqNummer				
Source	<pre>&lt;xs:simpleType name="SequenceNumberTwo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von zwei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT2"/&gt; &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd				

### Simple Type **tns:SequenceNumberThree**

Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum von drei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.
Diagram	
Type	tns:INT3

Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3</li> <li>tns:SequenceNumberThree</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<pre>&lt;xs:simpleType name="SequenceNumberThree"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von drei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT3"/&gt; &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd				

## Simple Type tns:SequenceNumberFour

Namespace	http://vdv/ka/common/types/2				
Annotations	Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer.				
Diagram					
Type	tns:INT4				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:SequenceNumberFour</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Used by	Elements ah:TXSANFS_Type/samSequenznummer, tns:IONTransaktion_ID_Type/transSequenznummer, tns:N-mTransaktion_ID_Type/tns:samSequenznummer				
Source	<pre>&lt;xs:simpleType name="SequenceNumberFour"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT4"/&gt; &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd				

Namespace: "http://vdv/ka/ion/2"

## Schema(s)

### Imported schema XML-Schema\_ION.xsd

Namespace	http://vdv/ka/ion/2						
Properties	<table> <tr> <td>attribute form default:</td><td>unqualified</td></tr> <tr> <td>element form default:</td><td>unqualified</td></tr> <tr> <td>version:</td><td>1.8.0</td></tr> </table>	attribute form default:	unqualified	element form default:	unqualified	version:	1.8.0
attribute form default:	unqualified						
element form default:	unqualified						
version:	1.8.0						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd						

## Element(s)

### Element tns:TXB

Namespace	http://vdv/ka/ion/2
Annotations	Element: Bestaetigung einer ION-Transaktion

Diagram	
Type	tns:TXB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>tns:TXB_Type</li> </ul>
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<pre>&lt;tns:TXB xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transOrigID&gt;{1,1}&lt;/transOrigID&gt;   &lt;transOrigSignatur&gt;{0,1}&lt;/transOrigSignatur&gt;   &lt;transOriginalZeit&gt;{1,1}&lt;/transOriginalZeit&gt; &lt;/tns:TXB&gt;</pre>
Source	<pre>&lt;xs:element name="TXB" type="tns:TXB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Bestaetigung einer ION-Transaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXA

Namespace	http://vdv/ka/ion/2
Annotations	Element: Ablehnung einer ION-Transaktion
Diagram	
Type	tns:TXA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>tns:TXA_Type</li> </ul>
Properties	content: complex

Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<pre>&lt;tns:TXA xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transOrigID&gt;{1,1}&lt;/transOrigID&gt;   &lt;transOrigSignatur&gt;{0,1}&lt;/transOrigSignatur&gt;   &lt;transOriginalZeit&gt;{1,1}&lt;/transOriginalZeit&gt;   &lt;transAblehnungGrund&gt;{1,1}&lt;/transAblehnungGrund&gt; &lt;/tns:TXA&gt;</pre>
Source	<pre>&lt;xs:element name="TXA" type="tns:TXA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Ablehnung einer ION-Transaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXBRequest

Namespace	http://vdv/ka/ion/2
Annotations	Element: Mitteilung eines Verarbeitungsstatus (OK)
Diagram	
Type	tns:TXB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>tns:TXB_Type</li> </ul>
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<pre>&lt;tns:TXBRequest xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transOrigID&gt;{1,1}&lt;/transOrigID&gt;   &lt;transOrigSignatur&gt;{0,1}&lt;/transOrigSignatur&gt;   &lt;transOriginalZeit&gt;{1,1}&lt;/transOriginalZeit&gt; &lt;/tns:TXBRequest&gt;</pre>
Source	<pre>&lt;xs:element name="TXBRequest" type="tns:TXB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Mitteilung eines Verarbeitungsstatus (OK)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXARequest

Namespace	http://vdv/ka/ion/2
Annotations	Element: Mitteilung eines Verarbeitungsstatus (Fehlerhaft im Drittsystem)

Diagram	
Type	tns:TXA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>tns:TXA_Type</li> </ul>
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<pre>&lt;tns:TXARequest xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transOrigID&gt;{1,1}&lt;/transOrigID&gt;   &lt;transOrigSignatur&gt;{0,1}&lt;/transOrigSignatur&gt;   &lt;transOriginalZeit&gt;{1,1}&lt;/transOriginalZeit&gt;   &lt;transAblehnungGrund&gt;{1,1}&lt;/transAblehnungGrund&gt; &lt;/tns:TXARequest&gt;</pre>
Source	<pre>&lt;xs:element name="TXARequest" type="tns:TXA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Mitteilung eines Verarbeitungstatus (Fehlerhaft im Drittsystem)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXDEABER

Namespace	http://vdv/ka/ion/2
Annotations	Element: Dienstanfrage: "Loeschen einer Produkt-Akzeptanz von allen akzeptierenden Organisationen"
Diagram	
Type	tns:TXDEABER_Req_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXDEABER_Req_Type</li> </ul>
Properties	content: complex
Model	txbase , prodAkzeptanzEnde , prodProdukt_ID
Children	prodAkzeptanzEnde, prodProdukt_ID, txbase
Instance	<pre>&lt;tns:TXDEABER xmlns:tns="http://vdv/ka/ion/2"&gt;</pre>

	<pre> &lt;txbase&gt;{1,1}&lt;/txbase&gt; &lt;prodAkzeptanzEnde&gt;{1,1}&lt;/prodAkzeptanzEnde&gt; &lt;prodProdukt_ID&gt;{1,1}&lt;/prodProdukt_ID&gt; &lt;/tns:TXDEABER&gt; </pre>
Source	<pre> &lt;xs:element name="TXDEABER" type="tns:TXDEABER_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Dienstanfrage: "Loeschen einer Produkt-Akzeptanz von allen akzeptierenden Organisationen"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSMITA

Namespace	http://vdv/ka/ion/2				
Annotations	Element: Sperrmitteilung Applikation				
Diagram					
Type	tns:TXSMITA_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITA_Type</li> </ul>				
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>nillable:</td><td>false</td></tr> </table>	content:	complex	nillable:	false
content:	complex				
nillable:	false				
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat				
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase				
Instance	<pre> &lt;tns:TXSMITA xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;appSperrkandidat&gt;{1,1}&lt;/appSperrkandidat&gt; &lt;/tns:TXSMITA&gt; </pre>				
Source	<pre> &lt;xs:element name="TXSMITA" type="tns:TXSMITA_Type" nillable="false"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrmitteilung Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

## Element tns:TXSFREIMITA

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperrfreigabemitteilung Applikation



Diagram	<p>The diagram illustrates the structure of the <code>tns:TXSFREIMITA_Type</code>. It is a complex type that extends <code>tns:TXSMITA_Type</code> (extension base). <code>tns:TXSMITA_Type</code> extends <code>tns:TX_SMIT_Type</code> (extension base). <code>tns:TX_SMIT_Type</code> extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TX_BASE_Type</code> contains three child elements: <code>txbase</code>, <code>sperrAnforderungBezug</code>, and <code>sperrEntscheidung</code>. The <code>tns:TXSMITA_Type</code> contains two child elements: <code>sperrAnforderungBezug</code> and <code>sperrEntscheidung</code>. The <code>tns:TXSFREIMITA_Type</code> contains three child elements: <code>txbase</code>, <code>sperrAnforderungBezug</code>, and <code>appSperrkandidat</code>.</p>
Type	tns:TXSFREIMITA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_SMIT_Type</li> <li>• tns:TXSMITA_Type</li> <li>• tns:TXSFREIMITA_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<pre>&lt;tns:TXSFREIMITA xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;appSperrkandidat&gt;{1,1}&lt;/appSperrkandidat&gt; &lt;/tns:TXSFREIMITA&gt;</pre>
Source	<pre>&lt;xs:element name="TXSFREIMITA" type="tns:TXSFREIMITA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrfreigabemitteilung Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSANFSYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperranforderung fuer einen symmetrischen Schluessel
Diagram	<p>The diagram illustrates the structure of the <code>tns:TXSANFSYMK_Type</code>. It is a complex type that extends <code>tns:TX_SANF_Type</code> (extension base). <code>tns:TX_SANF_Type</code> extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TX_BASE_Type</code> contains three child elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>. The <code>tns:TX_SANF_Type</code> contains two child elements: <code>sperrSperrgrund</code> and <code>keySperrkandidatsym</code>. The <code>tns:TXSANFSYMK_Type</code> contains three child elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>.</p>
Type	tns:TXSANFSYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_SANF_Type</li> <li>• tns:TXSANFSYMK_Type</li> </ul>

Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase
Instance	<pre>&lt;tns:TXSANFSYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;keySperrkandidatsym&gt;{1,1}&lt;/keySperrkandidatsym&gt; &lt;/tns:TXSANFSYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSANFSYMK" type="tns:TXSANFSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperranforderung fuer einen symmetrischen Schluessel&lt;/   xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSANFASYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperranforderung fuer einen asymmetrischen Schluessel
Diagram	
Type	tns:TXSANFASYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>tns:TXSANFASYMK_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase
Instance	<pre>&lt;tns:TXSANFASYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;keySperrkandidatsym&gt;{1,1}&lt;/keySperrkandidatsym&gt; &lt;/tns:TXSANFASYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSANFASYMK" type="tns:TXSANFASYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperranforderung fuer einen asymmetrischen Schluessel&lt;/   xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSAANFSYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel

Diagram	<p>The diagram illustrates the structure of the <code>tns:TXSAANFSYMK_Type</code>. It is a complex type that extends <code>tns:TX_BASE_Type</code> (which in turn extends <code>tns:TX_SANF_Type</code>, which extends <code>tns:TXSANFSYMK_Type</code>). The content of <code>tns:TXSAANFSYMK_Type</code> consists of three elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>, all of which are required (indicated by the '1' in the circle) and occur exactly once (indicated by the '1' in the circle).</p>
Type	<code>tns:TXSAANFSYMK_Type</code>
Type hierarchy	<ul style="list-style-type: none"> <li>• <code>tns:TX_BASE_Type</code></li> <li>• <code>tns:TX_SANF_Type</code></li> <li>• <code>tns:TXSANFSYMK_Type</code></li> <li>• <code>tns:TXSAANFSYMK_Type</code></li> </ul>
Properties	content: complex
Model	<code>txbase</code> , <code>sperrSperrgrund</code> , <code>keySperrkandidatsym</code>
Children	<code>keySperrkandidatsym</code> , <code>sperrSperrgrund</code> , <code>txbase</code>
Instance	<pre>&lt;tns:TXSAANFSYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;keySperrkandidatsym&gt;{1,1}&lt;/keySperrkandidatsym&gt; &lt;/tns:TXSAANFSYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSAANFSYMK" type="tns:TXSAANFSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element `tns:TXSAANFASYMK`

Namespace	<code>http://vdv/ka/ion/2</code>
Annotations	Element: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel
Diagram	<p>The diagram illustrates the structure of the <code>tns:TXSAANFASYMK_Type</code>. It is a complex type that extends <code>tns:TX_BASE_Type</code> (which in turn extends <code>tns:TX_SANF_Type</code>, which extends <code>tns:TXSANFASYMK_Type</code>). The content of <code>tns:TXSAANFASYMK_Type</code> consists of three elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>, all of which are required (indicated by the '1' in the circle) and occur exactly once (indicated by the '1' in the circle).</p>
Type	<code>tns:TXSAANFASYMK_Type</code>
Type hierarchy	<ul style="list-style-type: none"> <li>• <code>tns:TX_BASE_Type</code></li> <li>• <code>tns:TX_SANF_Type</code></li> <li>• <code>tns:TXSANFASYMK_Type</code></li> </ul>

	<ul style="list-style-type: none"> <li>• tns:TXSAANFASYMK_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatasy
Children	keySperrkandidatasy, sperrSperrgrund, txbase
Instance	<pre>&lt;tns:TXSAANFASYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;keySperrkandidatasy&gt;{1,1}&lt;/keySperrkandidatasy&gt; &lt;/tns:TXSAANFASYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSAANFASYMK" type="tns:TXSAANFASYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSFREIMITSYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperrfreigabemitteilung symmetrischer Key
Diagram	
Type	tns:TXSFREIMITSYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_SMIT_Type</li> <li>• tns:TXSFREIMITSYMK_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<pre>&lt;tns:TXSFREIMITSYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;keySperrkandidatsym&gt;{1,1}&lt;/keySperrkandidatsym&gt; &lt;/tns:TXSFREIMITSYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSFREIMITSYMK" type="tns:TXSFREIMITSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrfreigabemitteilung symmetrischer Key&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSFREIMITASYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperrfreigabemitteilung asymmetrischer Key

Diagram	
Type	tns:TXSFREIMITASYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITASYMK_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<pre>&lt;tns:TXSFREIMITASYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;keySperrkandidatsym&gt;{1,1}&lt;/keySperrkandidatsym&gt; &lt;/tns:TXSFREIMITASYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSFREIMITASYMK" type="tns:TXSFREIMITASYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrfreigabemitteilung asymmetrischer Key&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSMITSYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperrmitteilung symmetrischer Schluesel
Diagram	
Type	tns:TXSMITSYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITSYMK_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym

Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<pre>&lt;tns:TXSMITSYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;keySperrkandidatsym&gt;{1,1}&lt;/keySperrkandidatsym&gt; &lt;/tns:TXSMITSYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSMITSYMK" type="tns:TXSMITSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrmitteilung symmetrischer Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSMITASYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperrmitteilung asymmetrischer Schluessel
Diagram	
Type	tns:TXSMITASYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITASYMK_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<pre>&lt;tns:TXSMITASYMK xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;keySperrkandidatsym&gt;{1,1}&lt;/keySperrkandidatsym&gt; &lt;/tns:TXSMITASYMK&gt;</pre>
Source	<pre>&lt;xs:element name="TXSMITASYMK" type="tns:TXSMITASYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrmitteilung asymmetrischer Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSNAWA

Namespace	http://vdv/ka/ion/2
Annotations	Element: Dienstanfrage "Sperrnachweis Applikation"

Diagram	
Type	tns:TXSNAWA_Req_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXSNAWA_Req_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXSBER_Type
Model	txbase , (samSperrkandidat   orgSperrkandidat) , zyklusNummer , sperrrtransaktionApplikation , appNmTransaktionMAC
Children	appNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrrtransaktionApplikation, txbase, zyklusNummer
Instance	<pre> &lt;tns:TXSNAWA xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;samSperrkandidat&gt;{1,1}&lt;/samSperrkandidat&gt;   &lt;orgSperrkandidat&gt;{1,1}&lt;/orgSperrkandidat&gt;   &lt;zyklusNummer&gt;{1,1}&lt;/zyklusNummer&gt;   &lt;sperrrtransaktionApplikation&gt;{1,1}&lt;/sperrrtransaktionApplikation&gt;   &lt;appNmTransaktionMAC&gt;{1,1}&lt;/appNmTransaktionMAC&gt; &lt;/tns:TXSNAWA&gt; </pre>
Source	<pre> &lt;xs:element name="TXSNAWA" type="tns:TXSNAWA_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Dienstanfrage "Sperrnachweis Applikation"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

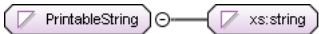
## Element tns:TXSNAWB

Namespace	http://vdv/ka/ion/2
Annotations	Element: Dienstanfrage "Sperrnachweis Berechtigung"
Diagram	
Type	tns:TXSNAWB_Req_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXSNAWB_Req_Type</li> </ul>
Properties	content: complex


Used by	Complex Type tns:TXSBER_Type
Model	txbase , (samSperrkandidat   orgSperrkandidat) , zyklusNummer , sperrrtransaktionBerechtigung , berNmTransaktionMAC
Children	berNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrrtransaktionBerechtigung, txbase, zyklusNummer
Instance	<pre>&lt;tns:TXSNAWB xmlns:tns="http://vdv/ka/ion/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;samSperrkandidat&gt;{1,1}&lt;/samSperrkandidat&gt;   &lt;orgSperrkandidat&gt;{1,1}&lt;/orgSperrkandidat&gt;   &lt;zyklusNummer&gt;{1,1}&lt;/zyklusNummer&gt;   &lt;sperrrtransaktionBerechtigung&gt;{1,1}&lt;/sperrrtransaktionBerechtigung&gt;   &lt;berNmTransaktionMAC&gt;{1,1}&lt;/berNmTransaktionMAC&gt; &lt;/tns:TXSNAWB&gt;</pre>
Source	<pre>&lt;xs:element name="TXSNAWB" type="tns:TXSNAWB_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Dienstanfrage "Sperrnachweis Berechtigung"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Simple Type(s)

### Simple Type tns:PrintableString

Namespace	http://vdv/ka/ion/2
Diagram	
Type	restriction of xs:string
Facets	pattern [ -p ] *
Used by	<p>Simple Types tns:ANFRAGE_ID_Type, tns:REFERENZNUMMER_Type</p> <p>Elements tns:Kundenroute_Type/bezeichnung, tns:Kundenroute_Type/kurzBezeichnung, tns:NmApplikationsdaten_Type/tns:Infotext, tns:NmBerechtigungsdaten_Type/tns:Infotext, tns:NmKundendaten_Type/tns:Infotext, tns:NmKundendaten_Type/tns:kundeName, tns:NmKundendaten_Type/tns:kundeVorname, tns:STATUS_DATA_ApplicationError_Type/tns:STATUS_TEXT, tns:STATUS_DATA_EngineError_Type/tns:STATUS_TEXT, tns:STATUS_DATA_EntitlementError_Type/tns:STATUS_TEXT, tns:STATUS_DATA_MediumError_Type/tns:STATUS_TEXT, tns:STATUS_DATA_OK_Type/tns:STATUS_TEXT, tns:STATUS_DATA_PrinterError_Type/tns:STATUS_TEXT, tns:STATUS_DATA_ServiceOperatorError_Type/tns:STATUS_TEXT, tns:STATUS_DATA_SessionError_Type/tns:STATUS_TEXT, tns:STATUS_DATA_SoftwareError_Type/tns:STATUS_TEXT, tns:TXAS_Type/transSendeAuftrag</p>
Source	<pre>&lt;xs:simpleType name="PrintableString"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:pattern value="[ -p ]*" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Simple Type tns:CommonServiceResultCode

Namespace	http://vdv/ka/ion/2						
Annotations	Dienstuebergreifende Ergebniscodes. In BOM Ablehnungstype_Code bis auf Fall "0". Dieser Typ ist nicht direkt eingebunden und dient der Vollstaendigkeit der Schnittstelle.						
Diagram							
Type	restriction of tns:INT1						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:CommonServiceResultCode</li> </ul>						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>2</td></tr> </table> <p>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten</p>	maxInclusive	255	minInclusive	0	enumeration	2
maxInclusive	255						
minInclusive	0						
enumeration	2						



	der fachlichen Nachricht ueberein.
enumeration	3 Falsche Senderrolle
enumeration	4 Organisations-ID des Senders ist unbekannt
enumeration	5 Die Organisation wurde durch den AH gesperrt
enumeration	8 Transaktion betrifft gesperrtes Objekt
enumeration	9 Falsche Referenz
enumeration	254 Service/Transaktion wird nicht unterstuetzt
Source	<pre> &lt;xs:simpleType name="CommonServiceResultCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Dienstuebergreifende Ergebniscodes. In BOM Ablehnungstype_Code bis auf Fall     "0". Dieser Typ ist nicht direkt eingebunden und dient der Vollstaendigkeit der Schnittstelle.&lt;/   &lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;!-- &lt;xs:enumeration value="0"&gt; &lt;xs:annotation&gt; &lt;xs:documentation&gt;Erfolgreich&lt;/   &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; --&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der         fachlichen Nachricht ueberein.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="3"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Falsche Senderrolle&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="4"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Organisations-ID des Senders ist unbekannt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="5"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Die Organisation wurde durch den AH gesperrt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="8"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Transaktion betrifft gesperrtes Objekt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="9"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Falsche Referenz&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="254"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Service/Transaktion wird nicht unterstuetzt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Simple Type tns:NmTransaktionsTyp\_CODE

Namespace	http://vdv/ka/ion/2
Annotations	Der NmTransaktionstyp_CODE klassifiziert Arten von Transaktionen, die mit Wertobjekten auf dem Nutzermedium auftreten
Diagram	
Type	restriction of tns:INT1
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT1                 <ul style="list-style-type: none"> <li>tns:NmTransaktionsTyp_CODE</li> </ul> </li> </ul> </li> </ul>
Facets	maxInclusive 255

	minInclusive	0	
	enumeration	0	Keine Angabe
	enumeration	1	Ausgabetransaktion - Applikation oder Berechtigung
	enumeration	2	Entwertung
	enumeration	11	CI
	enumeration	12	CO
	enumeration	15	Einzahlung - Berechtigung
	enumeration	16	CI nach Fahrtfortsetzung
	enumeration	18	NTP Aendern
	enumeration	20	Sperrtransaktion Applikation oder Berechtigung
	enumeration	21	Entsperrtransaktion Applikation oder Berechtigung
	enumeration	22	BI
	enumeration	23	BO
	enumeration	24	INOUT
	enumeration	25	Rueckgabetransaktion - Applikation oder Berechtigung
	enumeration	27	Kontrolle
	enumeration	28	Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB)
	enumeration	29	Belastungstransaktion WEB mit Autoload
	enumeration	30	WEB Buchung(Laden/Entladen)
	enumeration	31	WEB-CI mit Autoload
	enumeration	32	WEB-CO mit Autoload
	enumeration	33	Kontrolle nach CI; BIBO oder Entwertung
	enumeration	34	Check personal (CPKontrolldatensatz fuer Kontrollterminal)
	enumeration	35	Auto CO
	enumeration	36	manuelles CO (nachtraeglich durch den Nutzer)
	enumeration	37	Ausgabe EFS ueber Aktionsliste
	enumeration	38	Entsperrtransaktion EFS ueber Aktionsliste
	enumeration	39	Rueckgabetransaktion EFS ueber Aktionsliste
Used by	Element	tns:TX_LOG_Type/tns:logTransaktionsTyp_ID	
Source	<pre>&lt;xs:simpleType name="NmTransaktionsTyp_CODE"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der NmTransaktionstyp_CODE klassifiziert Arten von Transaktionen, die mit Wertobjekten auf dem Nutzermedium auftreten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Keine Angabe&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Ausgabetransaktion - Applikation oder Berechtigung&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Entwertung&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="11"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;CI&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="12"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;CO&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

```

    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="15">
    <xs:annotation>
      <xs:documentation>Einzahlung - Berechtigung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="16">
    <xs:annotation>
      <xs:documentation>CI nach Fahrtfortsetzung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="18">
    <xs:annotation>
      <xs:documentation>NTP Aendern</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="20">
    <xs:annotation>
      <xs:documentation>Sperrtransaktion Applikation oder Berechtigung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="21">
    <xs:annotation>
      <xs:documentation>Entsperrtransaktion Applikation oder Berechtigung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="22">
    <xs:annotation>
      <xs:documentation>BI</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="23">
    <xs:annotation>
      <xs:documentation>BO</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="24">
    <xs:annotation>
      <xs:documentation>INOUT</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="25">
    <xs:annotation>
      <xs:documentation>Rueckgabetransaktion - Applikation oder Berechtigung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="27">
    <xs:annotation>
      <xs:documentation>Kontrolle</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="28">
    <xs:annotation>
      <xs:documentation>Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung
      (POB/PEB/WEB)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="29">
    <xs:annotation>
      <xs:documentation>Belastungstransaktion WEB mit Autoload</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="30">
    <xs:annotation>
      <xs:documentation>WEB Buchung(Laden/Entladen)</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="31">
    <xs:annotation>
      <xs:documentation>WEB-CI mit Autoload</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="32">
    <xs:annotation>
      <xs:documentation>WEB-CO mit Autoload</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="33">
    <xs:annotation>
      <xs:documentation>Kontrolle nach CI; BIBO oder Entwertung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>

```


	<pre> &lt;xs:enumeration value="34"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Check personal (CPKontrolldatensatz fuer Kontrollterminal)&lt;/ xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="35"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Auto CO&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="36"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;manuelles CO (nachtraeglich durch den Nutzer)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="37"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Ausgabe EFS ueber Aktionsliste&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="38"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Entsperrtransaktion EFS ueber Aktionsliste&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="39"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rückgabetransaktion EFS ueber Aktionsliste&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Simple Type `tns:OrtsTyp_CODE_Type`

Namespace	http://vdv/ka/ion/2				
Annotations	Classifies locations, see Spec BOM, table 6-69. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung OrtsTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.				
Diagram					
Type	tns:INT1				
Type hierar- chy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:OrtsTyp_CODE_Type</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Used by	Element tns:Ort_ID_Type/ortTyp				
Source	<pre> &lt;xs:simpleType name="OrtsTyp_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Classifies locations, see Spec BOM, table 6-69. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung OrtsTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"/&gt; &lt;/xs:simpleType&gt; </pre>				
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

### Simple Type `tns:AuftragsTyp_CODE`

Namespace	http://vdv/ka/ion/2
-----------	---------------------

Annotations	Der Code des Auftrages als Aufzaehlung.				
Diagram					
Type	tns:INT1				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:AuftragsTyp_CODE</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Used by	Element tns:TXAS_Type/transSendeAuftragstyp				
Source	<pre>&lt;xs:simpleType name="AuftragsTyp_CODE"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der Code des Auftrages als Aufzaehlung.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;!-- TODO: bitte als Aufzaehlung!!! --&gt;   &lt;xs:restriction base="ct:INT1"/&gt; &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

## Simple Type tns:Abrechnungsverfahren\_CODE\_Type

Namespace	http://vdv/ka/ion/2																				
Annotations	Der Abrechnungsverfahren_CODE klassifiziert das Verfahren der Fahrpreisabrechnung.																				
Diagram																					
Type	restriction of tns:INT1																				
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:Abrechnungsverfahren_CODE_Type</li></ul></li></ul></li></ul>																				
Facets	<table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>Keine Angabe</td></tr><tr><td>enumeration</td><td>1</td><td>Pre-Paid</td></tr><tr><td>enumeration</td><td>2</td><td>Post-Paid</td></tr><tr><td>enumeration</td><td>3</td><td>Trip-Paid</td></tr></table>			maxInclusive	255		minInclusive	0		enumeration	0	Keine Angabe	enumeration	1	Pre-Paid	enumeration	2	Post-Paid	enumeration	3	Trip-Paid
maxInclusive	255																				
minInclusive	0																				
enumeration	0	Keine Angabe																			
enumeration	1	Pre-Paid																			
enumeration	2	Post-Paid																			
enumeration	3	Trip-Paid																			
Used by	Elements	tns:TXANLN_Type/tns:prodAbrechnungsverfahren, tns:TXAUSEFS_Type/tns:prodAbrechnungsverfahren, tns:TX_BER_Type/prodAbrechnungsverfahren																			
Source	<pre>&lt;xs:simpleType name="Abrechnungsverfahren_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der Abrechnungsverfahren_CODE klassifiziert das Verfahren der     Fahrpreisabrechnung.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Keine Angabe&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Pre-Paid&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Post-Paid&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																				

	<pre> &lt;xs:enumeration value="3"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Trip-Paid&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Simple Type tns:Bezahlart\_CODE\_Type


Namespace	http://vdv/ka/ion/2	
Annotations	<p>Der BezahlArt_CODE klassifiziert Arten der Bezahlung (von Wertobjekten der Kernapplikation). Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung BezahlartEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</p>	
Diagram	<pre> graph LR     Bezahlart_CODE_Type --&gt; ct_INT1[ct:INT1] </pre>	
Type	tns:INT1	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:Bezahlart_CODE_Type</li> </ul>	
Facets	maxInclusive	255
	minInclusive	0
Used by	Elements	tns:TXANLN_Type/tns:berBezahlArt, tns:TXAUSEFS_Type/tns:berBezahlArt, tns:TX_BER_Type/berBezahlArt
Source	<pre> &lt;xs:simpleType name="Bezahlart_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der BezahlArt_CODE klassifiziert Arten der Bezahlung (von Wertobjekten der Kernapplikation). Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung BezahlartEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"/&gt; &lt;/xs:simpleType&gt; </pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

## Simple Type tns:TerminalTyp\_CODE\_Type

Namespace	http://vdv/ka/ion/2	
Annotations	<p>Classifies terminals. From EN 1545: DeviceTypeCode. See Spec BOM table 6-85. Der TerminalTyp_CODE klassifiziert Terminals. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TerminalTypEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</p>	
Diagram	<pre> graph LR     TerminalTyp_CODE_Type --&gt; ct_INT1[ct:INT1] </pre>	
Type	tns:INT1	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:TerminalTyp_CODE_Type</li> </ul>	
Facets	maxInclusive	255

	minInclusive0
Used by	Elementtns:Terminal_ID_Type/terminalTyp
Source	<pre>&lt;xs:simpleType name="TerminalTyp_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Classifies terminals. From EN 1545: DeviceTypeCode. See Spec BOM table     6-85. Der TerminalTyp_CODE klassifiziert Terminals. Die direkte Referenz auf die Aufzaehlung     wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung     der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss     in der Software mit Hilfe der Aufzaehlung TerminalTypeEnum_Type im entsprechenden Schema (XML-     Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1" /&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Simple Type tns:SAM\_ID\_Type


Namespace	http://vdv/ka/ion/2
Annotations	Type: Eindeutiger Identifizierer eines Secure Application Module (SAM)
Diagram	
Type	tns:ReferenceNumberThree
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3</li> <li>tns:ReferenceNumberThree</li> <li>tns:SAM_ID_Type</li> </ul>
Facets	maxInclusive16777215
	minInclusive0
Used by	Elements tns:NmTransaktion_ID_Type/tns:SAM_ID.samNummer, tns:TXASKON_Type/tns:samSAM_ID, tns:TXSFREIMITS_Type/tns:samSperrkandidat, tns:TXSMITS_Type/tns:samSperrkandidat, tns:TXS- NAWA_Req_Type/samSperrkandidat, tns:TXSNAWB_Req_Type/samSperrkandidat, tns:TXUE- BERKON_Type/tns:samSAM_ID
Source	<pre>&lt;xs:simpleType name="SAM_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type: Eindeutiger Identifizierer eines Secure Application Module (SAM)&lt;/   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:ReferenceNumberThree" /&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Simple Type tns:Mitteilung\_CODE\_Type

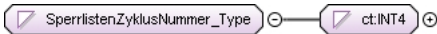
Namespace	http://vdv/ka/ion/2
Annotations	Typ: Mitteilung Codes BOM 6_40
Diagram	
Type	restriction of xs:unsignedInt
Facets	enumeration1
	enumeration2
	enumeration3
	enumeration4
Used by	Elementtns:TX_SMIT_Type/sperrEntscheidung
Source	<pre>&lt;xs:simpleType name="Mitteilung_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Mitteilung Codes BOM 6_40&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;</pre>

	<pre> &lt;xs:restriction base="xs:unsignedInt"&gt;   &lt;xs:enumeration value="1"/&gt;   &lt;xs:enumeration value="2"/&gt;   &lt;xs:enumeration value="3"/&gt;   &lt;xs:enumeration value="4"/&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Simple Type tns:TransSignatur\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ fuer die Signatur auf der Transaktion (altes Verfahren)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 128
Used by	Elements tns:ION_TX_HEADER_Type/transSignatur, tns:TX_RET_Type/transOrigSignatur
Source	<pre> &lt;xs:simpleType name="TransSignatur_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ fuer die Signatur auf der Transaktion (altes Verfahren)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:hexBinary"&gt;     &lt;xs:length value="128" fixed="true"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Simple Type tns:SperrlistenZyklusNummer\_Type

Namespace	http://vdv/ka/ion/2				
Annotations	<p>Die sperrlistenZyklusNummer ist eine streng Monoton aufsteigende Sequenznummer.          Sie wird in einem festen konfigurierbaren Turnus zu einem bestimmten Zeitpunkt inkrementiert (z.B. 1 mal taeglich um 1:00 Uhr).          Zu einer SperrlistenZyklusNummer werden alle Sperrobjektzustaende, die zu diesem Zeitpunkt im Kose System erfasst wurden, assoziiert.          Sie gilt Systemweit und ist nicht an Organisationen oder Rollen gebunden.</p> <p>Wird eine Differenzsperrliste unter Angabe der sperrlistenZyklusNummer angefordert, so werden alle Sperrobjektaenderungen zwischen dieser ZyklusNummer und der aktuellen ZyklusNummer uebertragen.</p>				
Diagram					
Type	tns:INT4				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:SperrlistenZyklusNummer_Type</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td> <td>4294967295</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Used by	Elements tns:TXSNAWA_Req_Type/zyklusNummer, tns:TXSNAWB_Req_Type/zyklusNummer				
Source	<pre> &lt;xs:simpleType name="SperrlistenZyklusNummer_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Die sperrlistenZyklusNummer ist eine streng Monoton aufsteigende Sequenznummer. Sie wird in einem festen konfigurierbaren Turnus zu einem bestimmten Zeitpunkt inkrementiert (z.B. 1 mal taeglich um 1:00 Uhr). Zu einer SperrlistenZyklusNummer werden alle Sperrobjektzustaende, die zu diesem Zeitpunkt im Kose System erfasst wurden, assoziiert. Sie gilt Systemweit und ist nicht an Organisationen oder Rollen gebunden. Wird eine Differenzsperrliste unter Angabe der sperrlistenZyklusNummer angefordert, so werden alle Sperrobjektaenderungen zwischen dieser ZyklusNummer und der aktuellen ZyklusNummer uebertragen.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT4"/&gt; </pre>				



	<code>&lt;/xs:simpleType&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type(s)

### Complex Type `tns:Ort_ID_Type`

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Datenstruktur Ort_ID
Diagram	
Used by	<p>Elements</p> <p>ah:TXKNAWDM_Type/logTransaktionsOrt_ID, tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOrt_ID, tns:EFSViaOrtsListe_Type/tns:efsViaort_ID, tns:NmKundendaten_Type/tns:kundenTyp1.StreckeNach, tns:NmKundendaten_Type/tns:kundenTyp1.StreckeVon, tns:NmKundendaten_Type/tns:kundenTyp1.Tarifzonen.Ort_ID1, tns:NmKundendaten_Type/tns:kundenTyp1.Tarifzonen.Ort_ID2, tns:NmKundendaten_Type/tns:kundenTyp1.Tarifzonen.Ort_ID3, tns:NmKundendaten_Type/tns:kundenTyp2.StreckeNach, tns:NmKundendaten_Type/tns:kundenTyp2.StreckeVon, tns:NmKundendaten_Type/tns:kundenTyp2.Tarifzonen.Ort_ID1, tns:NmKundendaten_Type/tns:kundenTyp2.Tarifzonen.Ort_ID2, tns:NmKundendaten_Type/tns:kundenTyp2.Tarifzonen.Ort_ID3, tns:NmKundendaten_Type/tns:kundenTyp3.StreckeNach, tns:NmKundendaten_Type/tns:kundenTyp3.StreckeVon, tns:NmKundendaten_Type/tns:kundenTyp3.Tarifzonen.Ort_ID1, tns:NmKundendaten_Type/tns:kundenTyp3.Tarifzonen.Ort_ID2, tns:NmKundendaten_Type/tns:kundenTyp3.Tarifzonen.Ort_ID3, tns:TXKNAWA_Type/tns:logTransaktionsOrt_ID, tns:TXKNAWB_Type/tns:logTransaktionsOrt_ID, tns:TX_EFSLOG_Type/tns:efsStartort_ID, tns:TX_EFSLOG_Type/tns:efsZielort_ID, tns:TX_LOG_Type/tns:logTransaktionsort_ID</p>
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Source	<pre>&lt;xs:complexType name="Ort_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Datenstruktur Ort_ID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type"/&gt;     &lt;xs:element name="ortNummer" type="ct:ReferenceNumberThree"/&gt;     &lt;!-- Wilk Hoffmann: korrigiert --&gt;     &lt;xs:element name="ortDomaene_ID" type="ka:Organisation_ID"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Complex Type `tns:Terminal_ID_Type`

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Datenstruktur Terminal_ID
Diagram	
Used by	<p>Elements</p> <p>ah:TXKNAWDM_Type/logTerminal_ID, tns:AllgemeineTransaktionsdaten/tns:logTerminal_ID, tns:TXKNAWA_Type/tns:logTerminal_ID, tns:TXKNAWB_Type/tns:logTerminal_ID</p>
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Source	<pre>&lt;xs:complexType name="Terminal_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Datenstruktur Terminal_ID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type"/&gt;     &lt;xs:element name="terminalNummer" type="ct:ReferenceNumberTwo"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

	<pre> &lt;xs:element name="terminalOwner_ID" type="ka:Organisation_ID" /&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:NmApplikationInstanz\_ID\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: ID einer Applikationsinstanz auf dem Nutzermedium
Diagram	
Used by	Elements ah:TXAEA_Type/appInstanzId, tns:NmVerzeichniseintragAppDaten_Type/tns:appInstanz_ID, tns:NmVerzeichniseintragSchluesselregister_Type/tns:appInstanz_ID, tns:TXADM_Type/tns:transappInstanz_ID, tns:TXKNAWA_Type/tns:appInstanz_ID, tns:TXSANFA_Type/tns:appInstanz_ID, tns:TXSMITA_Type/appSperrkandidat, tns:TX_APP_Type/appInstanz_ID
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Source	<pre> &lt;xs:complexType name="NmApplikationInstanz_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: ID einer Applikationsinstanz auf dem Nutzermedium&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour" /&gt;     &lt;xs:element name="kvp_ID" type="ka:Organisation_ID" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:Berechtigung\_ID\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: ID einer Berechtigung
Diagram	
Used by	Elements tns:NmVerzeichniseintragBerechtigungen_Type/tns:berBerechtigung_ID, tns:TXAEBER_Type_1_3_0/tns:berBerechtigung_ID, tns:TXANLN_Type/tns:berBerechtigung_ID, tns:TXASBER_Type/tns:berBerechtigung_ID, tns:TXAUSEFS_Type/tns:berBerechtigung_ID, tns:TXBEKODL_Type/tns:berBerechtigung_ID, tns:TXKNAWB_Type/tns:berBerechtigung_ID, tns:TXSANFB_Type/tns:berBerechtigung_ID, tns:TXSFREIMITB_Type/tns:berSperrkandidat, tns:TXSMITB_Type/tns:berSperrkandidat
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Source	<pre> &lt;xs:complexType name="Berechtigung_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: ID einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour" /&gt;     &lt;xs:element name="kvp_ID" type="ka:Organisation_ID" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:EFMPProdukt\_ID\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Datenstruktur EFMPProdukt_ID, bestehend aus Produktverantwortlichen und Produktnummer (zusammen eindeutig)

Diagram	
Used by	Elements tns:NmVerzeichniseintragBerechtigungen_Type/tns:prodProdukt_ID, tns:TXAE-BER_Type_1_3_0/tns:prodProdukt_ID, tns:TXANLN_Type/tns:prodProdukt_ID, tns:TX-ASBER_Type/tns:prodProdukt_ID, tns:TXAUSEFS_Type/tns:prodProdukt_ID, tns:TXDEABER_Re-q_Type/tns:prodProdukt_ID, tns:TXSANFB_Type/tns:prodProdukt_ID
Model	produktNumer{0,1} , organisationID
Children	organisationID, produktNumer
Source	<pre>&lt;xs:complexType name="EFMProdukt_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Datenstruktur EFMProdukt_ID, bestehend aus Produktverantwortlichen und     Produktnummer (zusammen eindeutig)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="produktNumer" type="ct:ReferenceNumberTwo" minOccurs="0" maxOccurs="1" /&gt;     &lt;xs:element name="organisationID" type="ka:Organisation_ID" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/rela- tive/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:Transaktionsdatensatz\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Transaktionsdatensatz
Diagram	
Used by	Elements ah:TXAA_Type/ausgabeTransaktionApplikation, ah:TXRA_Type/ruecknahmeTransaktionApplikation, tns:NmApplikationsdaten_Type/tns:LetzteTransaktion, tns:NmApplikationslogbuch_Type/tns:Transak-tionsdatensatz, tns:NmBerechtigungsdaten_Type/tns:LetzteTransaktion, tns:TXABER_Type/tns:aus-gabeTransaktionBerechtigung, tns:TXAENBER_Type/tns:fahrttransaktion, tns:TXBEKODL_Type/tns:fahrttransaktion, tns:TXBEWEBKOKVP_Type/tns:belastungstransaktionBerechtigung, tns:TXE-BER_Type/tns:fahrttransaktion, tns:TXGKO_Type/tns:belastungstransaktionBerechtigung, tns:TXG-WEB_Type/tns:belastungstransaktionBerechtigung, tns:TXLPEB_Type/tns:ezahlungsbetragBerech-tigung, tns:TXLPEB_Type/tns:ezahlungsbetragBerechtigung, tns:TXRBER_Type/tns:ruecknahme-TransaktionBerechtigung, tns:TXSNAWA_Req_Type/sperrtransaktionApplikation, tns:TXSNAW-B_Req_Type/sperrtransaktionBerechtigung
Model	Transaktionsdaten
Children	Transaktionsdaten
Source	<pre>&lt;xs:complexType name="Transaktionsdatensatz_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Transaktionsdatensatz&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Transaktionsdaten" type="xs:hexBinary" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/rela- tive/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:SymSchluessel\_ID\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Schluessel ID
Diagram	
Used by	Elements tns:SAM-Schluessel-Info_Type/tns:Schluesselname, tns:Schluesselregister_Type/tns:Schluessel-name, tns:TXASKON_Type/tns:samSchluessel_ID, tns:TXSANFSYMK_Type/keySperrkandidat-sym, tns:TXSFREIMITSYMK_Type/keySperrkandidatsym, tns:TXSMITSYMK_Type/keySper-rkandidatsym, tns:TXTRANSABBRUCH_Type/tns:MKAH-PV-NM-MAC_ID, tns:TXTRANSAB-BRUCH_Type/tns:MKKVP--NM-MAC_ID, tns:TXUEBERKON_Type/tns:samSchluessel_ID, tns:app-

	NmTransaktionMAC_Type/appMAC_AH_Schluesssel_ID, tns:appNmTransaktionMAC_Type/appMAC_KVP_Schluesssel_ID, tns:berNmTransaktionMAC_Type/berMAC_KVP_Schluesssel_ID, tns:berNmTransaktionMAC_Type/berMAC_PV_Schluesssel_ID
Model	schluessselNummer , schluessselVersion , schluessselInhaber_ID
Children	schluessselInhaber_ID, schluessselNummer, schluessselVersion
Source	<pre>&lt;xs:complexType name="SymSchluesssel_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Schluesssel ID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="schluessselNummer" type="ct:INT1" /&gt;     &lt;xs:element name="schluessselVersion" type="ct:INT1" /&gt;     &lt;xs:element name="schluessselInhaber_ID" type="ct:ReferenceNumberTwo" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Complex Type tns:ASymSchluesssel\_ID\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Type: Identifizierungsmerkmal, das den Schluesssel eindeutig bestimmt.
Diagram	
Used by	Elements tns:TXSANFASYMK_Type/keySperrkandidatasym, tns:TXSFREIMITASYMK_Type/keySperrkandidatasym, tns:TXSMITASYMK_Type/keySperrkandidatasym
Model	signaturSchluesssel
Children	signaturSchluesssel
Source	<pre>&lt;xs:complexType name="ASymSchluesssel_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Type: Identifizierungsmerkmal, das den Schluesssel eindeutig bestimmt.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="signaturSchluesssel" type="ct:OctetString12" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Complex Type tns:appNmTransaktionMAC\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: MAC-Sicherung fuer Applikations-Transaktionen
Diagram	
Used by	Elements ah:TXAA_Type/appNmTransaktionMAC, ah:TXRA_Type/appNmTransaktionMAC, tns:TXSNAWA_Req_Type/appNmTransaktionMAC
Model	appMAC_AH , appMAC_KVP , appMAC_AH_Schluesssel_ID , appMAC_KVP_Schluesssel_ID
Children	appMAC_AH, appMAC_AH_Schluesssel_ID, appMAC_KVP, appMAC_KVP_Schluesssel_ID
Source	<pre>&lt;xs:complexType name="appNmTransaktionMAC_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: MAC-Sicherung fuer Applikations-Transaktionen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="appMAC_AH" type="ct:OctetString8" /&gt;     &lt;xs:element name="appMAC_KVP" type="ct:OctetString8" /&gt;     &lt;xs:element name="appMAC_AH_Schluesssel_ID" type="tns:SymSchluesssel_ID_Type" /&gt;     &lt;xs:element name="appMAC_KVP_Schluesssel_ID" type="tns:SymSchluesssel_ID_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd
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## Complex Type tns:berNmTransaktionMAC\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: MAC-Sicherung fuer Berechtigungs-Transaktionen
Diagram	
Used by	Elements tns:TXABER_Type/tns:berNmTransaktionMAC, tns:TXAENBER_Type/tns:berNmTransaktionMAC, tns:TXBEKODL_Type/tns:berNmTransaktionMAC, tns:TXBEWEBKOKVP_Type/tns:berNmTransaktionMAC, tns:TXEBER_Type/tns:berNmTransaktionMAC, tns:TXGKO_Type/tns:berNmTransaktionMAC, tns:TXGWEB_Type/tns:berNmTransaktionMAC, tns:TXLPEB_Type/tns:berNmTransaktionMAC, tns:TXLPEB_Type/tns:berNmTransaktionMAC, tns:TXRBER_Type/tns:berNmTransaktionMAC, tns:TXSNAWB_Req_Type/tns:berNmTransaktionMAC
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Source	<pre>&lt;xs:complexType name="berNmTransaktionMAC_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: MAC-Sicherung fuer Berechtigungs-Transaktionen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="berMAC_PV" type="ct:OctetString8"/&gt;     &lt;xs:element name="berMAC_KVP" type="ct:OctetString8"/&gt;     &lt;xs:element name="berMAC_PV_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type"/&gt;     &lt;xs:element name="berMAC_KVP_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:IONTransaktion\_ID\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: ID fuer Transaktionen, die ueber das ION (Interoperables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstafrufer vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt.
Diagram	
Used by	Elements tns:ION_TX_HEADER_Type/transTransaktion_ID, tns:TX_RET_Type/transOrigID, tns:TX_SMIT_Type/sperrAnforderungBezug
Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Source	<pre>&lt;xs:complexType name="IONTransaktion_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: ID fuer Transaktionen, die ueber das ION (Interoperables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstafrufer vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="transSequenznummer" type="ct:SequenceNumberFour"/&gt;     &lt;xs:element name="transSenderRolle" type="ka:KommunikationsPartnerRolle"/&gt;     &lt;xs:element name="transSender_ID" type="ka:Organisation_ID"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

	<code>&lt;/xs:complexType&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type `tns:ION_TX_HEADER_Type`

Namespace	http://vdv/ka/ion/2
Annotations	Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen
Diagram	
Used by	Element <code>tns:TX_BASE_Type/txbase</code>
Model	<code>transAuftrag{0,1}</code> , <code>transEmpfaenger_ID</code> , <code>transEmpfaengerRolle</code> , <code>transStatus{0,1}</code> , <code>transTransaktion_ID</code> , <code>transTransaktionsTyp{0,1}</code> , <code>transTransaktionsZeitpunkt</code> , <code>transVersion{0,1}</code> , <code>transWiederholungsZaehler{0,1}</code> , <code>transSignaturTyp{0,1}</code> , <code>transSignaturZertifikat{0,1}</code> , <code>transSignatur{0,1}</code>
Children	<code>transAuftrag</code> , <code>transEmpfaengerRolle</code> , <code>transEmpfaenger_ID</code> , <code>transSignatur</code> , <code>transSignaturTyp</code> , <code>transSignaturZertifikat</code> , <code>transStatus</code> , <code>transTransaktion_ID</code> , <code>transTransaktionsTyp</code> , <code>transTransaktionsZeitpunkt</code> , <code>transVersion</code> , <code>transWiederholungsZaehler</code>
Source	<pre> &lt;xs:complexType name="ION_TX_HEADER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/&gt;     &lt;xs:element name="transEmpfaenger_ID" type="ka:Organisation_ID"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Eindeutige OrganisationsId des Nachrichtenempfaengers&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Rolle des Nachrichtenempfaengers&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;     &lt;xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type"/&gt;     &lt;xs:element name="transTransaktionsTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;     &lt;xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstauftrufers.         Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist         moeglicherweise die Aussagekraft dieses Feldes sehr gering.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1"/&gt;     &lt;xs:element name="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;     &lt;xs:element name="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;     &lt;xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:hexBinary"&gt;           &lt;xs:length value="378" fixed="true"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

	<pre> &lt;xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TX\_BASE\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Basisdaten fuer alle Transaktionen
Diagram	
Used by	<p>Complex Types</p> <p>ah:TXAA_Type, ah:TXAEA_Type, ah:TXKNAWDM_Type, ah:TXLKAORG_Req_Type, ah:TXLZVMORG_Req_Type, ah:TXRA_Type, tns:TXABER_Type, tns:TXADM_Type, tns:TXAEBER_Type, tns:TXAEBER_Type_1_3_0, tns:TXAENBER_Type, tns:TXANLN_Type, tns:TXAS_Type, tns:TXAUSEFS_Type, tns:TXBEKODL_Type, tns:TXBEWEBKOKVP_Type, tns:TXDEABER_Req_Type, tns:TXEBER_Type, tns:TXGKO_Type, tns:TXGWEB_Type, tns:TXKNAWA_Type, tns:TXKNAWB_Type, tns:TXLPEB_Type, tns:TXLPEB_Type, tns:TXRBER_Type, tns:TXSNAWA_Req_Type, tns:TXSNAWB_Req_Type, tns:TXTRANSABBRUCH_Type, tns:TXUEBERKON_Type, tns:TX_RET_Type, tns:TX_SANF_Type, tns:TX_SMIT_Type</p>
Model	txbase
Children	txbase
Source	<pre> &lt;xs:complexType name="TX_BASE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Basisdaten fuer alle Transaktionen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="txbase" type="tns:ION_TX_HEADER_Type"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fachliche Daten ueber die in der Transaktion involvierten Systeme&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TX\_RET\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Basisdaten fuer Antworttransaktion
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> </ul>
Used by	<p>Complex Types</p> <p>ah:TX_LKAORG_Type, ah:TX_LZVMORG_Type, tns:TXA_Type, tns:TXB_Type</p>
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	<pre> &lt;xs:complexType name="TX_RET_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Basisdaten fuer Antworttransaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="transOrigID" type="tns:IONTransaktion_ID_Type"/&gt; </pre>



	<pre> &lt;xs:element name="transOrigSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type" /&gt; &lt;xs:element name="transOriginalZeit" type="xs:dateTime" /&gt; &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TX\_SMIT\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Basisdaten fuer Sperrmitteilungen
Diagram	<p>The diagram illustrates the structure of the tns:TX_SMIT_Type. It is an extension of the tns:TX_BASE_Type (extension base). The base type is represented by a box labeled 'tns:TX_BASE_Type (extension base)'. The derived type, tns:TX_SMIT_Type, is shown as a box containing the base type and two additional elements: 'txbase' and 'sperrEntscheidung'. The 'txbase' element is connected to the base type via a line with a small square icon. The 'sperrEntscheidung' element is connected to the base type via a line with a small circle icon. The 'sperrAnforderungBezug' element is also connected to the base type via a line with a small circle icon.</p>
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> </ul>
Used by	Complex Types tns:TXSFREIMITASYMK_Type, tns:TXSFREIMITB_Type, tns:TXSFREIMITO_Type, tns:TXSFREIMITSYMK_Type, tns:TXSFREIMITS_Type, tns:TXSMITASYMK_Type, tns:TXSMITASYMTA_Type, tns:TXSMITB_Type, tns:TXSMITO_Type, tns:TXSMITSYMK_Type, tns:TXSMITS_Type
Model	txbase , sperrAnforderungBezug , sperrEntscheidung
Children	sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<pre> &lt;xs:complexType name="TX_SMIT_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Basisdaten fuer Sperrmitteilungen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="sperrAnforderungBezug" type="tns:IONTransaktion_ID_Type" /&gt;         &lt;xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TX\_SANF\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Basisdaten fuer Sperranforderungen
Diagram	<p>The diagram illustrates the structure of the tns:TX_SANF_Type. It is an extension of the tns:TX_BASE_Type (extension base). The base type is represented by a box labeled 'tns:TX_BASE_Type (extension base)'. The derived type, tns:TX_SANF_Type, is shown as a box containing the base type and one additional element: 'sperrSperrgrund'. The 'sperrSperrgrund' element is connected to the base type via a line with a small circle icon. The 'txbase' element is also connected to the base type via a line with a small circle icon.</p>
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> </ul>
Used by	Complex Types ah:TXSANFO_Type, ah:TXSANFS_Type, tns:TXSANFASYMK_Type, tns:TXSANFA_Type, tns:TXSANFB_Type, tns:TXSANFSYMK_Type
Model	txbase , sperrSperrgrund
Children	sperrSperrgrund, txbase



Source	<pre> &lt;xs:complexType name="TX_SANF_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Basisdaten fuer Sperranforderungen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;!-- Wilk Hoffmann: muss spaeter aus Aufzaehlung kommen --&gt;         &lt;xs:element name="sperrSperrgrund" type="ct:INT1" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TX\_BER\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Basisdaten fuer Berechtigungstransaktionen
Diagram	
Used by	Elements tns:TXABER_Type/tns:tx_ber, tns:TXAEBER_Type/tns:tx_ber, tns:TXAE-BER_Type_1_3_0/tns:tx_ber
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren
Source	<pre> &lt;xs:complexType name="TX_BER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Basisdaten fuer Berechtigungstransaktionen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact" /&gt;     &lt;xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact" /&gt;     &lt;!-- Wilk Hoffmann: korrigiert --&gt;     &lt;xs:element name="prodAbrechnungsVerfahren" type="tns:Abrechnungsverfahren_CODE_Type" /&gt;     &lt;!-- Wilk Hoffmann: korrigiert --&gt;     &lt;xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type" /&gt;     &lt;xs:element name="berBezahlMittel" type="ct:OctetString10" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXA\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Ablehnung einer ION-Transaktion
Diagram	
Type	extension of tns:TX_RET_Type

Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_RET_Type</li> <li>• tns:TXA_Type</li> </ul>
Used by	Elements tns:TXA, tns:TXARequest
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	<pre> &lt;xs:complexType name="TXA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ablehnung einer ION-Transaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_RET_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="transAblehnungGrund" type="ct:INT1"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;WICHTIG: Aus Historischen Gruenden ist TXA_Type ein allgemeiner Typ, der von allen teilnehmenden Systemen genutzt wird. Das fuehrt dazu, dass sich alle Systeme dieselben 'transAblehnungGrund' Fehlercodes teilen. Dies ist suboptimal, da, wann immer sich einer der 'transAblehnungGrund' Fehlercodes veraendert, alle teilnehmenden Systeme angepasst, getestet und in einer neuen Version zur Verfuegung gestellt werden muessten. Um TXA wie bisher weiterverwenden zu koennen, und um das beschriebene Abhaengigkeitsproblem zu vermeiden, wurde dieses Feld nicht mit expliziter Aufzaehlung der moeglichen Fehlercodes, sondern mit einem simplen numerischen Typen versehen. Die genauen Fehlercodes sind der Schnittstelle des jeweiligen konkreten teilnehmenden Systems zu entnehmen. Die Codes 0 bis 9 (einschliesslich) sind fuer allgemeine Fehler reserviert und duerfen von den teilnehmenden Systemen nur fuer die vorgesehene Semantik verwendet werden (siehe Typ 'CommonServiceResultCode'). Es wird empfohlen, fuer die vollstaendigkeit der Schnittstelle, in den XSDs des jeweiligen Systems einen Aufzaehlungstypen vom Basistypen 'ct:INT1' mit den jeweiligen Fehlercodes des Systems zu definieren.&lt;/xs:documentation&gt;           &lt;/xs:annotation&gt;         &lt;/xs:element&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXB\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Bestaetigung einer ION-Transaktion
Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_RET_Type</li> <li>• tns:TXB_Type</li> </ul>
Used by	Elements tns:TXB, tns:TXBRequest
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	<pre> &lt;xs:complexType name="TXB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Bestaetigung einer ION-Transaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt; </pre>

	<pre> &lt;xs:extension base="tns:TX_RET_Type" /&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXAS\_Type

Namespace	http://vdv/ka/ion/2				
Annotations	Typ: Aufforderung zum Senden				
Diagram					
Type	extension of tns:TX_BASE_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAS_Type</li> </ul>				
Used by	<table border="1"> <tr> <td>Complex Types</td> <td>tns:TXASBER_Type, tns:TXASKON_Type</td> </tr> <tr> <td>Element</td> <td>tns:TXAS</td> </tr> </table>	Complex Types	tns:TXASBER_Type, tns:TXASKON_Type	Element	tns:TXAS
Complex Types	tns:TXASBER_Type, tns:TXASKON_Type				
Element	tns:TXAS				
Model	txbase , transSendeAuftrag , transSendeAuftragstyp				
Children	transSendeAuftrag, transSendeAuftragstyp, txbase				
Source	<pre> &lt;xs:complexType name="TXAS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Aufforderung zum Senden&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="transSendeAuftrag"&gt;           &lt;xs:simpleType&gt;             &lt;xs:restriction base="tns:PrintableString"&gt;               &lt;xs:minLength value="0"/&gt;               &lt;xs:maxLength value="10"/&gt;             &lt;/xs:restriction&gt;           &lt;/xs:simpleType&gt;         &lt;/xs:element&gt;         &lt;!-- TODO Wilk Hoffmann: Wenn dann bitte mit Aufzaehlung (verschoben bis stabil)--&gt;         &lt;xs:element name="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

## Complex Type tns:TXDEABER\_Req\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Dienstanfrage "Entfernen einer Produkt Akzeptanz fuer alle Organisationen"
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXDEABER_Req_Type</li> </ul>

Used by	Element tns:TXDEABER
Model	txbase , prodAkzeptanzEnde , prodProdukt_ID
Children	prodAkzeptanzEnde, prodProdukt_ID, txbase
Source	<pre> &lt;xs:complexType name="TXDEABER_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Dienstanfrage "Entfernen einer Produkt Akzeptanz fuer alle Organisationen"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="prodAkzeptanzEnde" type="ct:Date" /&gt;         &lt;xs:element name="prodProdukt_ID" type="tns:EFMPprodukt_ID_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXSMITA\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperrmitteilung Applikation
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITA_Type</li> </ul>
Used by	Complex Type tns:TXSFREIMITA_Type Element tns:TXSMITA
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<pre> &lt;xs:complexType name="TXSMITA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrmitteilung Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="appSperrkandidat" type="tns:NmApplikationInstanz_ID_Type"           nillable="false" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXSFREIMITA\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperrfreigabemitteilung Applikation

Diagram	
Type	extension of tns:TXSMITA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_SMIT_Type</li> <li>• tns:TXSMITA_Type</li> <li>• tns:TXSFREIMITA_Type</li> </ul>
Used by	Element tns:TXSFREIMITA
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<pre> &lt;xs:complexType name="TXSFREIMITA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrfreigabemitteilung Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TXSMITA_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXSANFSYMK\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperranforderung fuer einen symmetrischen Schluessel
Diagram	
Type	extension of tns:TX_SANF_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_SANF_Type</li> <li>• tns:TXSANFSYMK_Type</li> </ul>
Used by	Complex Type tns:TXSAANFSYMK_Type Element tns:TXSANFSYMK
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase
Source	<pre> &lt;xs:complexType name="TXSANFSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperranforderung fuer einen symmetrischen Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_SANF_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>

	<pre> &lt;/xs:annotation&gt; &lt;xs:complexContent&gt;   &lt;xs:extension base="tns:TX_SANF_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type **tns:TXSANFASYMK\_Type**

Namespace	http://vdv/ka/ion/2				
Annotations	Typ: Sperranforderung fuer einen asymmetrischen Schluessel				
Diagram					
Type	extension of tns:TX_SANF_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>tns:TXSANFASYMK_Type</li> </ul>				
Used by	<table> <tr> <td>Complex Type</td><td>tns:TXSAANFASYMK_Type</td></tr> <tr> <td>Element</td><td>tns:TXSANFASYMK</td></tr> </table>	Complex Type	tns:TXSAANFASYMK_Type	Element	tns:TXSANFASYMK
Complex Type	tns:TXSAANFASYMK_Type				
Element	tns:TXSANFASYMK				
Model	txbase , sperrSperrgrund , keySperrkandidatsym				
Children	keySperrkandidatsym, sperrSperrgrund, txbase				
Source	<pre> &lt;xs:complexType name="TXSANFASYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperranforderung fuer einen asymmetrischen Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_SANF_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

## Complex Type **tns:TXSAANFSYMK\_Type**

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel

Diagram	
Type	extension of tns:TXSANFSYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type <ul style="list-style-type: none"> <li>tns:TX_SANF_Type <ul style="list-style-type: none"> <li>tns:TXSANFSYMK_Type <ul style="list-style-type: none"> <li>tns:TXSAANFSYMK_Type</li> </ul> </li> </ul> </li> </ul> </li> </ul>
Used by	Element tns:TXSAANFSYMK
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase
Source	<pre>&lt;xs:complexType name="TXSAANFSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TXSANFSYMK_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Complex Type tns:TXSAANFASYMK\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel
Diagram	
Type	extension of tns:TXSANFASYMK_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type <ul style="list-style-type: none"> <li>tns:TX_SANF_Type <ul style="list-style-type: none"> <li>tns:TXSANFASYMK_Type <ul style="list-style-type: none"> <li>tns:TXSAANFASYMK_Type</li> </ul> </li> </ul> </li> </ul> </li> </ul>
Used by	Element tns:TXSAANFASYMK
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase
Source	<pre>&lt;xs:complexType name="TXSAANFASYMK_Type"&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Typ: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel&lt;/ xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexContent&gt;   &lt;xs:extension base="tns:TXSANFASYMK_Type"/&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXSFREIMITSYMK\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperrfreigabemitteilung symmetrischer Schluessel
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITSYMK_Type</li> </ul>
Used by	Element tns:TXSFREIMITSYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<pre> &lt;xs:complexType name="TXSFREIMITSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrfreigabemitteilung symmetrischer Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXSFREIMITASYMK\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperrfreigabemitteilung asymmetrischer Schluessel
Diagram	



Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITASYMK_Type</li> </ul>
Used by	Element tns:TXSFREIMITASYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<pre>&lt;xs:complexType name="TXSFREIMITASYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrfreigabemitteilung asymmetrischer Schluessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Complex Type tns:TXSMITSYMK\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperrmitteilung symmetrischer Schuessel
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITSYMK_Type</li> </ul>
Used by	Element tns:TXSMITSYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<pre>&lt;xs:complexType name="TXSMITSYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrmitteilung symmetrischer Schuessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Complex Type tns:TXSMITASYMK\_Type

Namespace	http://vdv/ka/ion/2
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Annotations	Typ: Sperrmitteilung asymmetrischer Schuessel
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITASYMK_Type</li> </ul>
Used by	Element tns:TXSMITASYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasym
Children	keySperrkandidatasym, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<pre> &lt;xs:complexType name="TXSMITASYMK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrmitteilung asymmetrischer Schuessel&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXSNAWA\_Req\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Dienstanfrage "Sperrnachweis Applikation"
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXSNAWA_Req_Type</li> </ul>
Used by	Element tns:TXSNAWA
Model	txbase , (samSperrkandidat   orgSperrkandidat) , zyklusNummer , sperrtransaktionApplikation , appNmTransaktionMAC
Children	appNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrtransaktionApplikation, txbase, zyklusNummer
Source	<pre> &lt;xs:complexType name="TXSNAWA_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Dienstanfrage "Sperrnachweis Applikation"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>

	<pre> &lt;/xs:annotation&gt; &lt;xs:complexContent&gt;   &lt;xs:extension base="tns:TX_BASE_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:choice minOccurs="0" maxOccurs="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Wurde eine Applikation Aufgrund einer SAM bzw. Organisationssperre durchgefuehrt, so ist die SAM bzw. Org ID in dem jeweiligen Element zu uebermitteln.&lt;/ xs:documentation&gt;         &lt;/xs:annotation&gt;         &lt;xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/&gt;         &lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/&gt;       &lt;/xs:choice&gt;       &lt;xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjecte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:element&gt;       &lt;xs:element name="sperrrtransaktionApplikation" type="tns:Transaktionsdatensatz_Type"/&gt;       &lt;xs:element name="appNmTransaktionMAC" type="tns:appNmTransaktionMAC_Type"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Complex Type tns:TXSNAWB\_Req\_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Dienstanfrage "Sperrnachweis Berechtigung"
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXSNAWB_Req_Type</li> </ul>
Used by	Element tns:TXSNAWB
Model	txbase , (samSperrkandidat   orgSperrkandidat) , zyklusNummer , sperrrtransaktionBerechtigung , berNmTransaktionMAC
Children	berNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrrtransaktionBerechtigung, txbase, zyklusNummer
Source	<pre> &lt;xs:complexType name="TXSNAWB_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Dienstanfrage "Sperrnachweis Berechtigung"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:choice minOccurs="0" maxOccurs="1"&gt;           &lt;xs:annotation&gt;             &lt;xs:documentation&gt;Wurde eine Applikation Aufgrund einer SAM bzw. Organisationssperre durchgefuehrt, so ist die SAM bzw. Org ID in dem jeweiligen Element zu uebermitteln.&lt;/ xs:documentation&gt;           &lt;/xs:annotation&gt;           &lt;xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/&gt;           &lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/&gt;         &lt;/xs:choice&gt;         &lt;xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"&gt;           &lt;xs:annotation&gt; </pre>

	<pre> &lt;xs:documentation&gt;Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; &lt;xs:element name="spertrtransaktionBerechtigung" type="tns:Transaktionsdatensatz_Type"/&gt; &lt;xs:element name="berNmTransaktionMAC" type="tns:berNmTransaktionMAC_Type"/&gt; &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

**Namespace: "http://vdv/ka/pe/2"**

## Schema(s)

### Imported schema XML-Schema\_PE.xsd

Namespace	http://vdv/ka/pe/2						
Annotations	This schema defines types and elements for internal communication between the personalization unit of a terminal and the sales unit / backoffice system. The elements are not used for WSDLs, since the communication is realized via XML over http. The communication direction is always from the sales unit (request) to the personalization unit (response).						
Properties	<table> <tr> <td>attribute form default:</td><td>unqualified</td></tr> <tr> <td>element form default:</td><td>qualified</td></tr> <tr> <td>version:</td><td>1.8.0</td></tr> </table>	attribute form default:	unqualified	element form default:	qualified	version:	1.8.0
attribute form default:	unqualified						
element form default:	qualified						
version:	1.8.0						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

## Element(s)

### Element tns:STATUS\_DATA\_OK\_Type / tns:STATUS\_CODE

Namespace	http://vdv/ka/pe/2						
Diagram							
Type	tns:STATUS_CODE_OK_Type						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:STATUS_CODE_OK_Type</li> </ul>						
Properties	content: simple						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	0
maxInclusive	255						
minInclusive	0						
enumeration	0						
Source	<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_OK_Type" />						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Element tns:STATUS\_DATA\_OK\_Type / tns:STATUS\_SUBCODE

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_SUBCODE_OK_Type
Properties	content: simple

Facets	length	4
	enumeration	0000 Kein Fehler aufgetreten
	pattern	[0-9][0-9][0-9][0-9]
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_OK_Type" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element tns:STATUS\_DATA\_OK\_Type / tns:STATUS\_TEXT

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:PrintableString	
Properties	content:	simple
Facets	pattern	[ -p]*
Source	<xs:element name="STATUS_TEXT" type="ion:PrintableString" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element tns:STATUS\_DATA\_SessionError\_Type / tns:STATUS\_CODE

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:STATUS_CODE_SessionError_Type	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:STATUS_CODE_SessionError_Type</li> </ul> </li> </ul> </li> </ul>	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
	enumeration	1
Source	<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_SessionError_Type" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element tns:STATUS\_DATA\_SessionError\_Type / tns:STATUS\_SUBCODE

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:STATUS_SUBCODE_SessionError_Type	
Properties	content:	simple
Facets	length	4
	enumeration	0000 Sonstiges
	enumeration	0001 nicht authentifiziert
	enumeration	0002 Benutzer/Kennwort-Kombination unbekannt
	enumeration	0003 Unbekannte Transaktion
	enumeration	0004 Parameterfehler
	enumeration	0005 Falsche Transaktionsreihenfolge
	enumeration	0006 Session besetzt
	enumeration	0007 Timeout

	enumeration	0008	Transaktion nicht unterstuetzt
	pattern	[0-9][0-9][0-9][0-9]	
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_SessionError_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

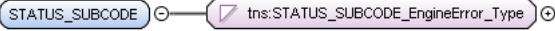
### Element tns:STATUS\_DATA\_SessionError\_Type / tns:STATUS\_TEXT

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:PrintableString		
Properties	content:	simple	
Facets	pattern	[ -p]*	
Source	<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Element tns:STATUS\_DATA\_EngineError\_Type / tns:STATUS\_CODE


Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_CODE_EngineError_Type		
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:STATUS_CODE_EngineError_Type</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	2	
Source	<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_EngineError_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Element tns:STATUS\_DATA\_EngineError\_Type / tns:STATUS\_SUBCODE


Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_SUBCODE_EngineError_Type		
Properties	content:	simple	
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	nicht bereit
	enumeration	0003	Magazinfehler oder nicht bereit
	enumeration	0004	SAM nicht vorhanden oder nicht bereit
	enumeration	0005	Nicht gegenueber SAM authentifiziert
	enumeration	0006	Alle SAMs ausgelastet
	pattern	[0-9][0-9][0-9][0-9]	
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_EngineError_Type"/>		

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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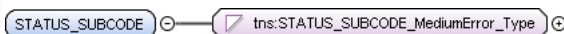
### Element **tns:STATUS\_DATA\_EngineError\_Type** / **tns:STATUS\_TEXT**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [ -p]*
Source	<code>&lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:STATUS\_DATA\_MediumError\_Type** / **tns:STATUS\_CODE**

Namespace	http://vdv/ka/pe/2						
Diagram							
Type	tns:STATUS_CODE_MediumError_Type						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:STATUS_CODE_MediumError_Type</li> </ul>						
Properties	content: simple						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>3</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	3
maxInclusive	255						
minInclusive	0						
enumeration	3						
Source	<code>&lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_MediumError_Type"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Element **tns:STATUS\_DATA\_MediumError\_Type** / **tns:STATUS\_SUBCODE**

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_SUBCODE_MediumError_Type		
Properties	content:	simple	
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	Medium nicht lesbar
	enumeration	0003	Keine Applikation auf dem Medium
	enumeration	0004	Medium nicht beschreibbar
	enumeration	0005	Transaktion abgebrochen
	pattern	[0-9][0-9][0-9][0-9]	
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_MediumError_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Element **tns:STATUS\_DATA\_MediumError\_Type** / **tns:STATUS\_TEXT**

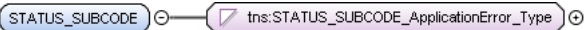
Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [ -þ]*
Source	<code>&lt;xs:element name="STATUS_TEXT" type="ion:PrintableString" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:STATUS\_DATA\_ApplicationError\_Type** / **tns:STATUS\_CODE**

Namespace	http://vdv/ka/pe/2						
Diagram							
Type	tns:STATUS_CODE_ApplicationError_Type						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:STATUS_CODE_ApplicationError_Type</li> </ul> </li> </ul> </li> </ul>						
Properties	content: simple						
Facets	<table border="1"> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> <tr><td>enumeration</td><td>4</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	4
maxInclusive	255						
minInclusive	0						
enumeration	4						
Source	<code>&lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ApplicationError_Type" /&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						


### Element **tns:STATUS\_DATA\_ApplicationError\_Type** / **tns:STATUS\_SUBCODE**

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_SUBCODE_ApplicationError_Type		
Properties	content:	simple	
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	Lesen nicht moeglich
	enumeration	0003	Schreiben nicht moeglich
	enumeration	0004	PIN/PUC falsch
	enumeration	0005	Schlüsselregister voll
	enumeration	0006	Schlüsselreferenz in Schlüsselregister bereits vorhanden
	enumeration	0007	Schlüsselreferenz fuer Schlüsselregister nicht vorhanden
	enumeration	0008	Schlüsselreferenz in Schlüsselregister nicht vorhanden
	pattern	[0-9][0-9][0-9][0-9]	
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ApplicationError_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		


### Element **tns:STATUS\_DATA\_ApplicationError\_Type** / **tns:STATUS\_TEXT**

Namespace	http://vdv/ka/pe/2
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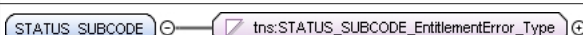


Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [ -p]*
Source	<code>&lt;xs:element name="STATUS_TEXT" type="ion:PrintableString" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element **tns:STATUS\_DATA\_EntitlementError\_Type** / **tns:STATUS\_CODE**

Namespace	http://vdv/ka/pe/2						
Diagram							
Type	tns:STATUS_CODE_EntitlementError_Type						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:STATUS_CODE_EntitlementError_Type</li> </ul>						
Properties	content: simple						
Facets	<table border="1"> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> <tr><td>enumeration</td><td>5</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	5
maxInclusive	255						
minInclusive	0						
enumeration	5						
Source	<code>&lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_EntitlementError_Type" /&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Element **tns:STATUS\_DATA\_EntitlementError\_Type** / **tns:STATUS\_SUBCODE**

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_SUBCODE_EntitlementError_Type		
Properties	content:	simple	
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	Instanz nicht vorhanden
	enumeration	0003	Erforderliche Schluessele nicht vorhanden
	enumeration	0004	MAC-Fehler
	enumeration	0005	Berechtigung ungesichert gelesen
	enumeration	0006	Ueberschreiben/Loeschen der Daten nicht moeglich
	pattern	[0-9][0-9][0-9][0-9]	
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_EntitlementError_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Element **tns:STATUS\_DATA\_EntitlementError\_Type** / **tns:STATUS\_TEXT**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString

Properties	content: simple
Facets	pattern [ -p]*
Source	<code>&lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:STATUS\_DATA\_PrinterError\_Type** / **tns:STATUS\_CODE**

Namespace	http://vdv/ka/pe/2						
Diagram							
Type	tns:STATUS_CODE_PrinterError_Type						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:STATUS_CODE_PrinterError_Type</li> </ul>						
Properties	content: simple						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>6</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	6
maxInclusive	255						
minInclusive	0						
enumeration	6						
Source	<code>&lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_PrinterError_Type"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						


### Element **tns:STATUS\_DATA\_PrinterError\_Type** / **tns:STATUS\_SUBCODE**

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_SUBCODE_PrinterError_Type		
Properties	content:	simple	
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	Drucker nicht vorhanden
	enumeration	0003	Fehler beim Drucken
	enumeration	0004	Drucker Timeout
	pattern	[0-9][0-9][0-9][0-9]	
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_PrinterError_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		


### Element **tns:STATUS\_DATA\_PrinterError\_Type** / **tns:STATUS\_TEXT**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [ -p]*
Source	<code>&lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element **tns:STATUS\_DATA\_SoftwareError\_Type** / **tns:STATUS\_CODE**

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_CODE_SoftwareError_Type		
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:STATUS_CODE_SoftwareError_Type</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	7	
Source	<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_SoftwareError_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

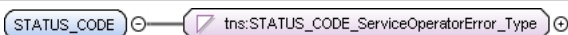
### Element **tns:STATUS\_DATA\_SoftwareError\_Type** / **tns:STATUS\_SUBCODE**

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:STATUS_SUBCODE_SoftwareError_Type		
Properties	content:	simple	
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	Fehler bei Datenkonvertierung
	enumeration	0002	Interner Fehler
	enumeration	0003	Erforderliche Datei nicht verfuegbar
	enumeration	0004	Fehler bei Kryptogrammsignatur
	enumeration	0005	Fehler bei Kryptogrammentschluesselung
	enumeration	0006	Falscher LoadKey Zaehler
	pattern	[0-9][0-9][0-9][0-9]	
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_SoftwareError_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Element **tns:STATUS\_DATA\_SoftwareError\_Type** / **tns:STATUS\_TEXT**

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:PrintableString		
Properties	content:	simple	
Facets	pattern	[ -p]*	
Source	<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Element **tns:STATUS\_DATA\_ServiceOperatorError\_Type** / **tns:STATUS\_CODE**

Namespace	http://vdv/ka/pe/2		
Diagram			

Type	tns:STATUS_CODE_ServiceOperatorError_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:STATUS_CODE_ServiceOperatorError_Type</li> </ul> </li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
	enumeration 8
Source	<code>&lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ServiceOperatorError_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:STATUS\_DATA\_ServiceOperatorError\_Type** / **tns:STATUS\_SUBCODE**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_SUBCODE_ServiceOperatorError_Type
Properties	content: simple
Facets	length 4
	enumeration 0000 sonstiges
	enumeration 0001 TXANSCHR fehlt
	pattern [0-9][0-9][0-9][0-9]
Source	<code>&lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ServiceOperatorError_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:STATUS\_DATA\_ServiceOperatorError\_Type** / **tns:STATUS\_TEXT**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [ -p]*
Source	<code>&lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:SESSION\_DATA\_Type** / **tns:DATE\_TIME**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTime
Properties	content: simple
Source	<code>&lt;xs:element name="DATE_TIME" type="ct:DateTime"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:SESSION\_DATA\_Type** / **tns:SES\_ID**

Namespace	http://vdv/ka/pe/2
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Diagram	
Type	restriction of xs:unsignedLong
Properties	content: simple
Facets	maxInclusive 999999999999999999 minInclusive 0
Source	<pre>&lt;xs:element name="SES_ID"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:unsignedLong"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="999999999999999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:SESSION\_DATA\_Type / tns:ACTION

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<pre>&lt;xs:element name="ACTION" type="xs:string" nillable="true"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:SESSION\_DATA\_Type / tns:PARAMETER


Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<pre>&lt;xs:element name="PARAMETER" type="xs:string" nillable="true"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:SESSION\_DATA\_Type / tns:KA\_VERSION


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:VersionNumberExtended
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string <ul style="list-style-type: none"> <li>tns:BitString16</li> <li>tns:VersionNumberExtended</li> </ul> </li> </ul>
Properties	content: simple
Facets	length 16 pattern [0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]
Source	<pre>&lt;xs:element name="KA_VERSION" type="tns:VersionNumberExtended"/&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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### Element **tns:ENGINE\_DATA\_Type** / **tns:VENDOR**

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	xs:string				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	nillable:	true
content:	simple				
nillable:	true				
Source	<code>&lt;xs:element name="VENDOR" type="xs:string" nillable="true"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

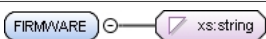
### Element **tns:ENGINE\_DATA\_Type** / **tns:TYPE**

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	xs:string				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	nillable:	true
content:	simple				
nillable:	true				
Source	<code>&lt;xs:element name="TYPE" type="xs:string" nillable="true"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

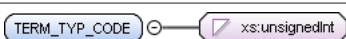
### Element **tns:ENGINE\_DATA\_Type** / **tns:VERSION**

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	xs:string				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	nillable:	true
content:	simple				
nillable:	true				
Source	<code>&lt;xs:element name="VERSION" type="xs:string" nillable="true"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element **tns:ENGINE\_DATA\_Type** / **tns:FIRMWARE**


Namespace	http://vdv/ka/pe/2				
Diagram					
Type	xs:string				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	nillable:	true
content:	simple				
nillable:	true				
Source	<code>&lt;xs:element name="FIRMWARE" type="xs:string" nillable="true"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element **tns:ENGINE\_DATA\_Type** / **tns:TERM\_TYP\_CODE**


Namespace	http://vdv/ka/pe/2
Diagram	

Type	xs:unsignedInt
Properties	content: simple
Source	<code>&lt;xs:element name="TERM_TYP_CODE" type="xs:unsignedInt"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

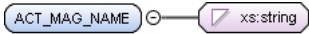
### Element **tns:ENGINE\_DATA\_Type** / **tns:MAG\_COUNT**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple
Source	<code>&lt;xs:element name="MAG_COUNT" type="xs:unsignedInt"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

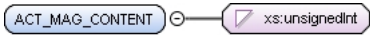
### Element **tns:ENGINE\_DATA\_Type** / **tns:ACT\_MAG**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple
Source	<code>&lt;xs:element name="ACT_MAG" type="xs:unsignedInt"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:ENGINE\_DATA\_Type** / **tns:ACT\_MAG\_NAME**


Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<code>&lt;xs:element name="ACT_MAG_NAME" type="xs:string" nillable="true"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:ENGINE\_DATA\_Type** / **tns:ACT\_MAG\_CONTENT**


Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple nillable: true
Source	<code>&lt;xs:element name="ACT_MAG_CONTENT" type="xs:unsignedInt" nillable="true"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:ENGINE\_DATA\_Type** / **tns:PRINTER**


Namespace	http://vdv/ka/pe/2
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Diagram	
Type	xs:boolean
Properties	content: simple
Source	<code>&lt;xs:element name="PRINTER" type="xs:boolean" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element **tns:Schluesselversionen\_Type** / **tns:K-PV-KM-MAC**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<code>&lt;xs:element name="K-PV-KM-MAC" type="ct:OctetString1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element **tns:Schluesselversionen\_Type** / **tns:K-KVP-KM-MAC**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<code>&lt;xs:element name="K-KVP-KM-MAC" type="ct:OctetString1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:Schluesselversionen\_Type** / **tns:K-ERF-KM-MAC**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<code>&lt;xs:element name="K-ERF-KM-MAC" type="ct:OctetString1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element **tns:SAM\_Transaktion\_ID\_Type** / **tns:samSequenznummer**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:ReferenceNumberFour</li> </ul>
Properties	content: simple




Facets	maxInclusive	4294967295
	minInclusive	0
Source	<xs:element name="samSequenznummer" type="ct:ReferenceNumberFour" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

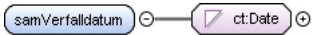
### Element **tns:SAM\_Transaktion\_ID\_Type** / **tns:SAM\_ID.samNumber**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:ReferenceNumberThree	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT3 <ul style="list-style-type: none"> <li>tns:ReferenceNumberThree</li> </ul> </li> </ul> </li> </ul>	
Properties	content:	simple
Facets	maxInclusive	16777215
	minInclusive	0
Source	<xs:element name="SAM_ID.samNumber" type="ct:ReferenceNumberThree" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

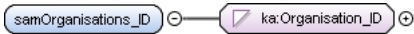
### Element **tns:SAM\_DATA\_Type** / **tns:samGueltigkeitsbeginn**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:Date	
Properties	content:	simple
Source	<xs:element name="samGueltigkeitsbeginn" type="ct:Date" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:SAM\_DATA\_Type** / **tns:samVerfalldatum**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:Date	
Properties	content:	simple
Source	<xs:element name="samVerfalldatum" type="ct:Date" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:SAM\_DATA\_Type** / **tns:samOrganisations\_ID**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:Organisation_ID	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT2 <ul style="list-style-type: none"> <li>tns:ReferenceNumberTwo</li> </ul> </li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>• tns:Organisation_ID</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="samOrganisations_ID" type="ka:Organisation_ID" /&gt;</code>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:SAM\_DATA\_Type / tns:samTransaktion\_ID

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_Transaktion_ID_Type
Properties	content: complex
Model	tns:samSequenznummer, tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Instance	<pre>&lt;tns:samTransaktion_ID xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samSequenznummer&gt;{1,1}&lt;/tns:samSequenznummer&gt;   &lt;tns:SAM_ID.samNummer&gt;{1,1}&lt;/tns:SAM_ID.samNummer&gt; &lt;/tns:samTransaktion_ID&gt;</pre>
Source	<code>&lt;xs:element name="samTransaktion_ID" type="tns:SAM_Transaktion_ID_Type" /&gt;</code>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:SAM-Schlüssel-Info\_Type / tns:SAM\_ID.samNummer

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberThree
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT3</li> <li>• tns:ReferenceNumberThree</li> </ul>
Properties	content: simple
Facets	maxInclusive 16777215
	minInclusive 0
Source	<code>&lt;xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree" /&gt;</code>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:SAM-Schlüssel-Info\_Type / tns:LoadKey-Zaehler

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT4</li> <li>• tns:ReferenceNumberFour</li> </ul>

Properties	content: simple
Facets	maxInclusive 4294967295
	minInclusive 0
Source	<code>&lt;xs:element name="LoadKey-Zaehler" type="ct:ReferenceNumberFour"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:SAM-Schluessel-Info\_Type / tns:Schluesselname

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;tns:Schluesselname xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/tns:Schluesselname&gt;</pre>
Source	<code>&lt;xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:SAM-Schluessel-Info\_Type / tns:Nutzungs-Limit

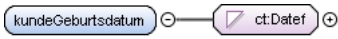
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:ReferenceNumberFour</li> </ul>
Properties	content: simple
Facets	maxInclusive 4294967295
	minInclusive 0
Source	<code>&lt;xs:element name="Nutzungs-Limit" type="ct:ReferenceNumberFour"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:SAM-Schluessel-Info\_Type / tns:Nutzungs-Sequenz-Zaehler

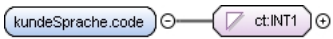
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:ReferenceNumberFour</li> </ul>

Properties	content:	simple
Facets	maxInclusive	4294967295
	minInclusive	0
Source	<xs:element name="Nutzungs-Sequenz-Zaehler" type="ct:ReferenceNumberFour" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	


### Element tns:NmKundendaten\_Type / tns:kundeGeburtsdatum

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:Datef	
Properties	content:	simple
Facets	length	8
	pattern	[0-9][0-9][0-9][0-9][0-1][0-9][0-3][0-9]
Source	<xs:element name="kundeGeburtsdatum" type="ct:Datef" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	


### Element tns:NmKundendaten\_Type / tns:kundeSprache.code

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="kundeSprache.code" type="ct:INT1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

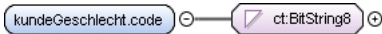
### Element tns:NmKundendaten\_Type / tns:kundeName

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	restriction of tns:PrintableString	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:PrintableString</li> </ul>	
Properties	content:	simple
Facets	minLength	0
	maxLength	40
	pattern	[ -p ] *
Source	<pre>&lt;xs:element name="kundeName"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="ion:PrintableString"&gt;       &lt;xs:minLength value="0" /&gt;       &lt;xs:maxLength value="40" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

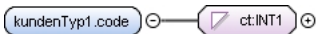
## Element `tns:NmKundendaten_Type` / `tns:kundeVorname`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of <code>tns:PrintableString</code>
Type hierarchy	<ul style="list-style-type: none"> <li><code>xs:string</code></li> <li><code>tns:PrintableString</code></li> </ul>
Properties	content: simple
Facets	minLength 0
	maxLength 40
	pattern <code>[ -p]*</code>
Source	<pre>&lt;xs:element name="kundeVorname"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="ion:PrintableString"&gt;       &lt;xs:maxLength value="40"/&gt;       &lt;xs:minLength value="0"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

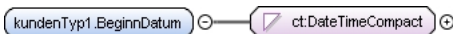
## Element `tns:NmKundendaten_Type` / `tns:kundeGeschlecht.code`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:BitString8</code>
Properties	content: simple
Facets	length 8
	pattern <code>[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]</code>
Source	<pre>&lt;xs:element name="kundeGeschlecht.code" type="ct:BitString8"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp1.code`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:INT1</code>
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<pre>&lt;xs:element name="kundenTyp1.code" type="ct:INT1"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp1.BeginnDatum`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:DateTimeCompact</code>
Properties	content: simple

Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="kundenTyp1.BeginnDatum" type="ct:DateTimeCompact" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp1.AblaufDatum**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:DateTimeCompact	
Properties	content:	simple
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="kundenTyp1.AblaufDatum" type="ct:DateTimeCompact" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp1.Anwendungsgebiet**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:ReferenceNumberTwo	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>	
Properties	content:	simple
Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="kundenTyp1.Anwendungsgebiet" type="ct:ReferenceNumberTwo" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp1.Tarifzonen.Ort\_ID1**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:Ort_ID_Type	
Properties	content:	complex
Model	ortTyp, ortNummer, ortDomaene_ID	
Children	ortDomaene_ID, ortNummer, ortTyp	
Instance	<pre>&lt;tns:kundenTyp1.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp1.Tarifzonen.Ort_ID1&gt;</pre>	
Source	<xs:element name="kundenTyp1.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type" />	

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp1.Tarifzonen.Ort\_ID2**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp1.Tarifzonen.Ort_ID2 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp1.Tarifzonen.Ort_ID2&gt;</pre>
Source	<pre>&lt;xs:element name="kundenTyp1.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp1.Tarifzonen.Ort\_ID3**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp1.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp1.Tarifzonen.Ort_ID3&gt;</pre>
Source	<pre>&lt;xs:element name="kundenTyp1.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp1.StreckeVon**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type

Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp1.StreckeVon xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp1.StreckeVon&gt;</pre>
Source	<xs:element name="kundenTyp1.StreckeVon" type="ion:Ort_ID_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmKundendaten\_Type / tns:kundenTyp1.StreckeNach

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp1.StreckeNach xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp1.StreckeNach&gt;</pre>
Source	<xs:element name="kundenTyp1.StreckeNach" type="ion:Ort_ID_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmKundendaten\_Type / tns:kundenTyp2.code

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<xs:element name="kundenTyp2.code" type="ct:INT1" />				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				


### Element tns:NmKundendaten\_Type / tns:kundenTyp2.BeginnDatum

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				

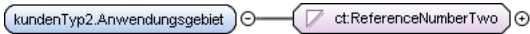


Source	<code>&lt;xs:element name="kundenTyp2.BeginnDatum" type="ct:DateTimeCompact" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

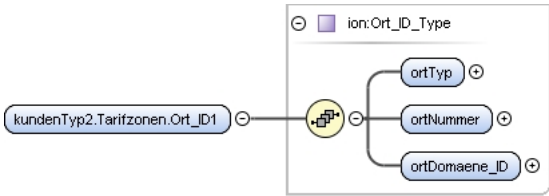
### Element `tns:NmKundendaten_Type` / `tns:kundenTyp2.AblaufDatum`

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	<code>tns:DateTimeCompact</code>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<code>&lt;xs:element name="kundenTyp2.AblaufDatum" type="ct:DateTimeCompact" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element `tns:NmKundendaten_Type` / `tns:kundenTyp2.Anwendungsgebiet`

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	<code>tns:ReferenceNumberTwo</code>				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<code>&lt;xs:element name="kundenTyp2.Anwendungsgebiet" type="ct:ReferenceNumberTwo" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element `tns:NmKundendaten_Type` / `tns:kundenTyp2.Tarifzonen.Ort_ID1`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:Ort_ID_Type</code>
Properties	content: complex
Model	<code>ortTyp</code> , <code>ortNummer</code> , <code>ortDomaene_ID</code>
Children	<code>ortDomaene_ID</code> , <code>ortNummer</code> , <code>ortTyp</code>
Instance	<pre>&lt;tns:kundenTyp2.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp2.Tarifzonen.Ort_ID1&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp2.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp2.Tarifzonen.Ort_ID2`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp2.Tarifzonen.Ort_ID2 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp2.Tarifzonen.Ort_ID2&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp2.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp2.Tarifzonen.Ort_ID3`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp2.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp2.Tarifzonen.Ort_ID3&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp2.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp2.StreckeVon`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID

Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp2.StreckeVon xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp2.StreckeVon&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp2.StreckeVon" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp2.StreckeNach**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp2.StreckeNach xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp2.StreckeNach&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp2.StreckeNach" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp3.code**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<code>&lt;xs:element name="kundenTyp3.code" type="ct:INT1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

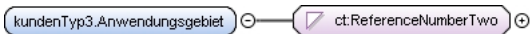
### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp3.BeginnDatum**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<code>&lt;xs:element name="kundenTyp3.BeginnDatum" type="ct:DateTimeCompact" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

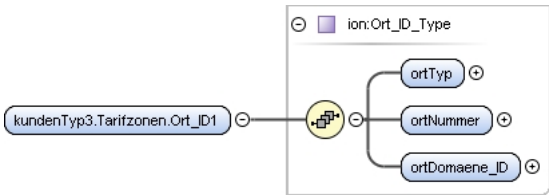
## Element `tns:NmKundendaten_Type` / `tns:kundenTyp3.AblaufDatum`

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<code>&lt;xs:element name="kundenTyp3.AblaufDatum" type="ct:DateTimeCompact" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp3.Anwendungsgebiet`

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:ReferenceNumberTwo				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<code>&lt;xs:element name="kundenTyp3.Anwendungsgebiet" type="ct:ReferenceNumberTwo" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp3.Tarifzonen.Ort_ID1`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp3.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp3.Tarifzonen.Ort_ID1&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp3.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmKundendaten_Type` / `tns:kundenTyp3.Tarifzonen.Ort_ID2`

Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp3.Tarifzonen.Ort_ID2 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp3.Tarifzonen.Ort_ID2&gt;</pre>
Source	<pre>&lt;xs:element name="kundenTyp3.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp3.Tarifzonen.Ort\_ID3**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp3.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp3.Tarifzonen.Ort_ID3&gt;</pre>
Source	<pre>&lt;xs:element name="kundenTyp3.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp3.StreckeVon**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp3.StreckeVon xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;</pre>

	<pre>&lt;ortNumber&gt;{1,1}&lt;/ortNumber&gt; &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp3.StreckeVon&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp3.StreckeVon" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmKundendaten\_Type** / **tns:kundenTyp3.StreckeNach**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:kundenTyp3.StreckeNach xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:kundenTyp3.StreckeNach&gt;</pre>
Source	<code>&lt;xs:element name="kundenTyp3.StreckeNach" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmKundendaten\_Type** / **tns:Infotext**

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	restriction of tns:PrintableString				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:PrintableString</li> </ul>				
Properties	content: simple				
Facets	<table border="1"> <tr> <td>length</td> <td>40</td> </tr> <tr> <td>pattern</td> <td>[ -p]*</td> </tr> </table>	length	40	pattern	[ -p]*
length	40				
pattern	[ -p]*				
Source	<pre>&lt;xs:element name="Infotext"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="ion:PrintableString"&gt;       &lt;xs:length value="40" fixed="true"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element **tns:NmVerzeichniseintragAppDaten\_Type** / **tns:NmSystemspezifischerVerzeichnisteil**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type

Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<pre>&lt;tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:zeigerSeparaterDatenteil&gt;{1,1}&lt;/tns:zeigerSeparaterDatenteil&gt; &lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;</pre>
Source	<pre>&lt;xs:element name="NmSystemspezifischerVerzeichnisteil"   type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:NmSystemspezifischerVerzeichnisteil\_Type / tns:zeigerSeparaterDatenteil

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<pre>&lt;xs:element name="zeigerSeparaterDatenteil" type="ct:INT1" /&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

## Element tns:NmVerzeichniseintragAppDaten\_Type / tns:appInstanz\_ID

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;tns:appInstanz_ID xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:appInstanz_ID&gt;</pre>
Source	<pre>&lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:NmVerzeichniseintragAppDaten\_Type / tns:appVersion

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:VersionNumber
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:BitString8</li> <li>tns:VersionNumber</li> </ul>
Properties	content: simple

Facets	length	8
	pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]
Source	<xs:element name="appVersion" type="tns:VersionNumber" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:NmVerzeichniseintragAppDaten\_Type** / **tns:appGueltigkeitsbeginn**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:DateTimeCompact	
Properties	content:	simple
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:NmVerzeichniseintragAppDaten\_Type** / **tns:appGueltigkeitsende**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:DateTimeCompact	
Properties	content:	simple
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element **tns:NmVerzeichniseintragAppDaten\_Type** / **tns:appStatus**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="appStatus" type="ct:INT1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

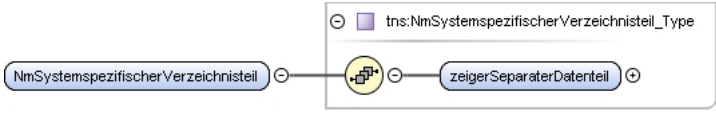
### Element **tns:NmVerzeichniseintragAppDaten\_Type** / **tns:appSynchronNummer**

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255




	minInclusive 0
Source	<code>&lt;xs:element name="appSynchronNumber" type="ct:INT1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

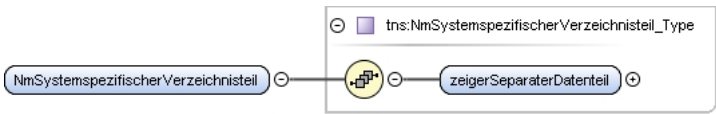
### Element `tns:NmVerzeichniseintragApplikationslogbuch_Type` / `tns:NmSystemspezifischerVerzeichnisteil`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:NmSystemspezifischerVerzeichnisteil_Type</code>
Properties	content: complex
Model	<code>tns:zeigerSeparaterDatenteil</code>
Children	<code>tns:zeigerSeparaterDatenteil</code>
Instance	<pre>&lt;tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:zeigerSeparaterDatenteil&gt;{1,1}&lt;/tns:zeigerSeparaterDatenteil&gt; &lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;</pre>
Source	<code>&lt;xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element `tns:NmVerzeichniseintragApplikationslogbuch_Type` / `tns:logApplikationSeqNummer`


Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:ReferenceNumberTwo</code>
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<code>&lt;xs:element name="logApplikationSeqNummer" type="ct:ReferenceNumberTwo" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element `tns:NmVerzeichniseintragKunde_Type` / `tns:NmSystemspezifischerVerzeichnisteil`

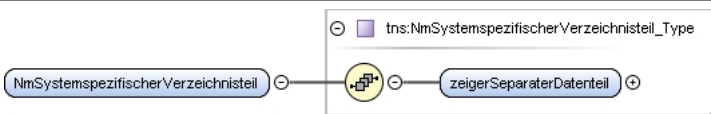
Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:NmSystemspezifischerVerzeichnisteil_Type</code>
Properties	content: complex
Model	<code>tns:zeigerSeparaterDatenteil</code>
Children	<code>tns:zeigerSeparaterDatenteil</code>
Instance	<pre>&lt;tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"&gt;</pre>

	<pre>&lt;tns:zeigerSeparaterDatenteil&gt;{1,1}&lt;/tns:zeigerSeparaterDatenteil&gt; &lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;</pre>
Source	<pre>&lt;xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

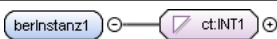
### Element **tns:NmVerzeichniseintragLetzteTransaktion\_Type** / **tns:logTransaktionsTyp.code**

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<pre>&lt;xs:element name="logTransaktionsTyp.code" type="ct:INT1"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element **tns:NmVerzeichniseintragLetzteTransaktion\_Type** / **tns:NmSystemspezifischerVerzeichnisteil**


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type
Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<pre>&lt;tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:zeigerSeparaterDatenteil&gt;{1,1}&lt;/tns:zeigerSeparaterDatenteil&gt; &lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;</pre>
Source	<pre>&lt;xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmVerzeichniseintragPrioritaeten\_Type** / **tns:berInstanz1**


Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<pre>&lt;xs:element name="berInstanz1" type="ct:INT1"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element **tns:NmVerzeichniseintragPrioritaeten\_Type** / **tns:berInstanz2**


Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="berInstanz2" type="ct:INT1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz3

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="berInstanz3" type="ct:INT1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz4

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="berInstanz4" type="ct:INT1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz5

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="berInstanz5" type="ct:INT1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz6

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1

Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz6" type="ct:INT1"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz7

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz7" type="ct:INT1"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz8

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz8" type="ct:INT1"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz9


Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz9" type="ct:INT1"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz10

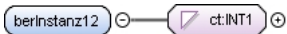
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255

	minInclusive	0
Source	<xs:element name="berInstanz10" type="ct:INT1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

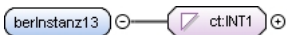
#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz11

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz11" type="ct:INT1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

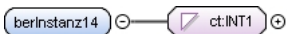
#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz12

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz12" type="ct:INT1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz13


Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz13" type="ct:INT1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

#### Element tns:NmVerzeichniseintragPrioritaeten\_Type / tns:berInstanz14

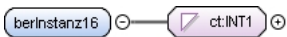
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz14" type="ct:INT1" />	

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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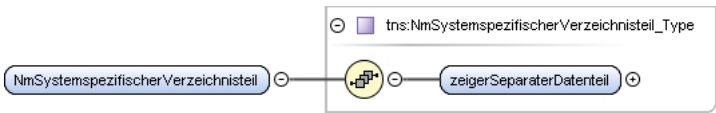
### Element `tns:NmVerzeichniseintragPrioritaeten_Type` / `tns:berInstanz15`

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<code>&lt;xs:element name="berInstanz15" type="ct:INT1" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

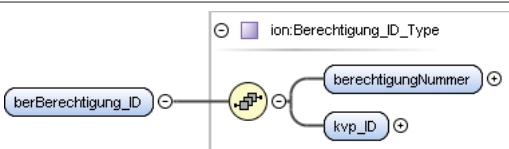
### Element `tns:NmVerzeichniseintragPrioritaeten_Type` / `tns:berInstanz16`

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<code>&lt;xs:element name="berInstanz16" type="ct:INT1" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element `tns:NmVerzeichniseintragBerechtigungen_Type` / `tns:NmSystemspezifischerVerzeichnisteil`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type
Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<code>&lt;tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:zeigerSeparaterDatenteil&gt;{1,1}&lt;/tns:zeigerSeparaterDatenteil&gt; &lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;</code>
Source	<code>&lt;xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element `tns:NmVerzeichniseintragBerechtigungen_Type` / `tns:berBerechtigung_ID`

Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>
Source	<code>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmVerzeichniseintragBerechtigungen\_Type / tns:prodProdukt\_ID

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<pre>&lt;tns:prodProdukt_ID xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;produktNummer&gt;{0,1}&lt;/produktNummer&gt;   &lt;organisationID&gt;{1,1}&lt;/organisationID&gt; &lt;/tns:prodProdukt_ID&gt;</pre>
Source	<code>&lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmVerzeichniseintragBerechtigungen\_Type / tns:prodKeyOrganisation\_ID


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<code>&lt;xs:element name="prodKeyOrganisation_ID" type="ct:ReferenceNumberTwo"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmVerzeichniseintragBerechtigungen\_Type / tns:berGueltigkeitsbeginn

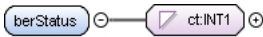
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact

Properties	content:	simple
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	


### Element tns:NmVerzeichniseintragBerechtigungen\_Type / tns:berGueltigkeitsende

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:DateTimeCompact	
Properties	content:	simple
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element tns:NmVerzeichniseintragBerechtigungen\_Type / tns:berStatus

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berStatus" type="ct:INT1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element tns:NmVerzeichniseintragBerechtigungen\_Type / tns:berSynchronNummer

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:ReferenceNumberOne	
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt <ul style="list-style-type: none"> <li>• tns:INT1 <ul style="list-style-type: none"> <li>• tns:ReferenceNumberOne</li> </ul> </li> </ul> </li> </ul>	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Element tns:NmApplikationsverzeichnis\_Type / tns:VerzeichniseintragAppDaten

Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:NmVerzeichniseintragAppDaten_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil, tns:appInstanz_ID, tns:appVersion, tns:appGueltigkeitsbeginn, tns:appGueltigkeitsende, tns:appStatus, tns:appSynchronNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:appGueltigkeitsbeginn, tns:appGueltigkeitsende, tns:appInstanz_ID, tns:appStatus, tns:appSynchronNummer, tns:appVersion
Instance	<pre>&lt;tns:VerzeichniseintragAppDaten xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:NmSystemspezifischerVerzeichnisteil&gt;{1,1}&lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;   &lt;tns:appInstanz_ID&gt;{1,1}&lt;/tns:appInstanz_ID&gt;   &lt;tns:appVersion&gt;{1,1}&lt;/tns:appVersion&gt;   &lt;tns:appGueltigkeitsbeginn&gt;{1,1}&lt;/tns:appGueltigkeitsbeginn&gt;   &lt;tns:appGueltigkeitsende&gt;{1,1}&lt;/tns:appGueltigkeitsende&gt;   &lt;tns:appStatus&gt;{1,1}&lt;/tns:appStatus&gt;   &lt;tns:appSynchronNummer&gt;{1,1}&lt;/tns:appSynchronNummer&gt; &lt;/tns:VerzeichniseintragAppDaten&gt;</pre>
Source	<xs:element name="VerzeichniseintragAppDaten" type="tns:NmVerzeichniseintragAppDaten_Type" />
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmApplikationsverzeichnis\_Type / tns:VerzeichniseintragAppLogbuch

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragApplikationslogbuch_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil, tns:logApplikationSeqNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logApplikationSeqNummer
Instance	<pre>&lt;tns:VerzeichniseintragAppLogbuch xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:NmSystemspezifischerVerzeichnisteil&gt;{1,1}&lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;   &lt;tns:logApplikationSeqNummer&gt;{1,1}&lt;/tns:logApplikationSeqNummer&gt; &lt;/tns:VerzeichniseintragAppLogbuch&gt;</pre>
Source	<xs:element name="VerzeichniseintragAppLogbuch" type="tns:NmVerzeichniseintragApplikationslogbuch_Type" />
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmApplikationsverzeichnis\_Type / tns:VerzeichniseintragKunde

Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:NmVerzeichniseintragKunde_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil
Instance	<pre>&lt;tns:VerzeichniseintragKunde xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:NmSystemspezifischerVerzeichnisteil&gt;{1,1}&lt;/tns:NmSystemspezifischerVerzeichnisteil&gt; &lt;/tns:VerzeichniseintragKunde&gt;</pre>
Source	<xs:element name="VerzeichniseintragKunde" type="tns:NmVerzeichniseintragKunde_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:NmApplikationsverzeichnis\_Type / tns:VerzeichniseintragSchluesselregister


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragSchluesselregister_Type
Properties	content: complex minOccurs: 0
Model	tns:NmSystemspezifischerVerzeichnisteil, tns:Org_ID_Hersteller, tns:NM-Spezifikationsversion, tns:Herstellerversion, tns:applInstanz_ID, tns:Zufallszahl, tns:RFU1, tns:RFU2
Children	tns:Herstellerversion, tns:NM-Spezifikationsversion, tns:NmSystemspezifischerVerzeichnisteil, tns:Org_ID_Hersteller, tns:RFU1, tns:RFU2, tns:Zufallszahl, tns:applInstanz_ID
Instance	<pre>&lt;tns:VerzeichniseintragSchluesselregister xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:NmSystemspezifischerVerzeichnisteil&gt;{1,1}&lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;   &lt;tns:Org_ID_Hersteller&gt;{1,1}&lt;/tns:Org_ID_Hersteller&gt;   &lt;tns:NM-Spezifikationsversion&gt;{1,1}&lt;/tns:NM-Spezifikationsversion&gt;   &lt;tns:Herstellerversion&gt;{1,1}&lt;/tns:Herstellerversion&gt;   &lt;tns:applInstanz_ID&gt;{1,1}&lt;/tns:applInstanz_ID&gt;   &lt;tns:Zufallszahl&gt;{1,1}&lt;/tns:Zufallszahl&gt;   &lt;tns:RFU1&gt;{1,1}&lt;/tns:RFU1&gt;   &lt;tns:RFU2&gt;{1,1}&lt;/tns:RFU2&gt; &lt;/tns:VerzeichniseintragSchluesselregister&gt;</pre>
Source	<xs:element name="VerzeichniseintragSchluesselregister" type="tns:NmVerzeichniseintragSchluesselregister_Type" minOccurs="0" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:NmVerzeichniseintragSchluesselregister\_Type / tns:NmSystemspezifischerVerzeichnisteil


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type

Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<pre>&lt;tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:zeigerSeparaterDatenteil&gt;{1,1}&lt;/tns:zeigerSeparaterDatenteil&gt; &lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;</pre>
Source	<pre>&lt;xs:element name="NmSystemspezifischerVerzeichnisteil"   type="tns:NmSystemspezifischerVerzeichnisteil_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element tns:NmVerzeichniseintragSchluesselregister\_Type / tns:Org\_ID\_Hersteller

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:Organisation_ID				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<pre>&lt;xs:element name="Org_ID_Hersteller" type="ka:Organisation_ID"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element tns:NmVerzeichniseintragSchluesselregister\_Type / tns:NM-Spezifikationsversion

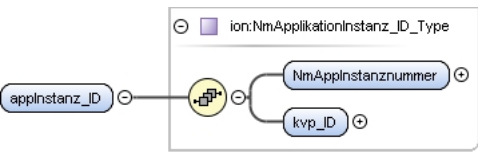
Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:VersionNumberExtended				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:BitString16</li> <li>tns:VersionNumberExtended</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>length</td><td>16</td></tr> <tr> <td>pattern</td><td>           [0-1][0-1][0-1][0-1][0-1]            [0-1][0-1][0-1][0-1][0-1]            [0-1][0-1][0-1][0-1][0-1]            [0-1]         </td></tr> </table>	length	16	pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]
length	16				
pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]				
Source	<pre>&lt;xs:element name="NM-Spezifikationsversion" type="tns:VersionNumberExtended"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

### Element tns:NmVerzeichniseintragSchluesselregister\_Type / tns:Herstellerversion


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString4

Properties	content: simple
Facets	length 4
Source	<code>&lt;xs:element name="Herstellerversion" type="ct:OctetString4"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element **tns:NmVerzeichniseintragSchluesselregister\_Type** / **tns:appInstanz\_ID**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer, kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;tns:appInstanz_ID xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:appInstanz_ID&gt;</pre>
Source	<code>&lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

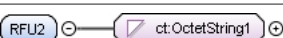
### Element **tns:NmVerzeichniseintragSchluesselregister\_Type** / **tns:Zufallszahl**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString4
Properties	content: simple
Facets	length 4
Source	<code>&lt;xs:element name="Zufallszahl" type="ct:OctetString4"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmVerzeichniseintragSchluesselregister\_Type** / **tns:RFU1**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<code>&lt;xs:element name="RFU1" type="ct:OctetString1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:NmVerzeichniseintragSchluesselregister\_Type** / **tns:RFU2**

Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<code>&lt;xs:element name="RFU2" type="ct:OctetString1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmApplikationsverzeichnis\_Type / tns:LetzteTransaktion

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragLetzteTransaktion_Type
Properties	content: complex
Model	tns:logTransaktionsTyp.code , tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logTransaktionsTyp.code
Instance	<pre>&lt;tns:LetzteTransaktion xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:logTransaktionsTyp.code&gt;{1,1}&lt;/tns:logTransaktionsTyp.code&gt;   &lt;tns:NmSystemspezifischerVerzeichnisteil&gt;{1,1}&lt;/tns:NmSystemspezifischerVerzeichnisteil&gt; &lt;/tns:LetzteTransaktion&gt;</pre>
Source	<code>&lt;xs:element name="LetzteTransaktion" type="tns:NmVerzeichniseintragLetzteTransaktion_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmApplikationsverzeichnis\_Type / tns:Prioritaeten

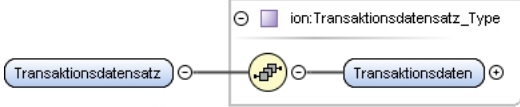
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragPrioritaeten_Type

Properties	content: complex
Model	tns:berInstanz1 , tns:berInstanz2 , tns:berInstanz3 , tns:berInstanz4 , tns:berInstanz5 , tns:berInstanz6 , tns:berInstanz7 , tns:berInstanz8 , tns:berInstanz9 , tns:berInstanz10 , tns:berInstanz11 , tns:berInstanz12 , tns:berInstanz13 , tns:berInstanz14 , tns:berInstanz15 , tns:berInstanz16
Children	tns:berInstanz1 , tns:berInstanz10 , tns:berInstanz11 , tns:berInstanz12 , tns:berInstanz13 , tns:berInstanz14 , tns:berInstanz15 , tns:berInstanz16 , tns:berInstanz2 , tns:berInstanz3 , tns:berInstanz4 , tns:berInstanz5 , tns:berInstanz6 , tns:berInstanz7 , tns:berInstanz8 , tns:berInstanz9
Instance	<pre>&lt;tns:Prioritaeten xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:berInstanz1&gt;{1,1}&lt;/tns:berInstanz1&gt;   &lt;tns:berInstanz2&gt;{1,1}&lt;/tns:berInstanz2&gt;   &lt;tns:berInstanz3&gt;{1,1}&lt;/tns:berInstanz3&gt;   &lt;tns:berInstanz4&gt;{1,1}&lt;/tns:berInstanz4&gt;   &lt;tns:berInstanz5&gt;{1,1}&lt;/tns:berInstanz5&gt;   &lt;tns:berInstanz6&gt;{1,1}&lt;/tns:berInstanz6&gt;   &lt;tns:berInstanz7&gt;{1,1}&lt;/tns:berInstanz7&gt;   &lt;tns:berInstanz8&gt;{1,1}&lt;/tns:berInstanz8&gt;   &lt;tns:berInstanz9&gt;{1,1}&lt;/tns:berInstanz9&gt;   &lt;tns:berInstanz10&gt;{1,1}&lt;/tns:berInstanz10&gt;   &lt;tns:berInstanz11&gt;{1,1}&lt;/tns:berInstanz11&gt;   &lt;tns:berInstanz12&gt;{1,1}&lt;/tns:berInstanz12&gt;   &lt;tns:berInstanz13&gt;{1,1}&lt;/tns:berInstanz13&gt;   &lt;tns:berInstanz14&gt;{1,1}&lt;/tns:berInstanz14&gt;   &lt;tns:berInstanz15&gt;{1,1}&lt;/tns:berInstanz15&gt;   &lt;tns:berInstanz16&gt;{1,1}&lt;/tns:berInstanz16&gt; &lt;/tns:Prioritaeten&gt;</pre>
Source	<xs:element name="Prioritaeten" type="tns:NmVerzeichniseintragPrioritaeten_Type"/>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

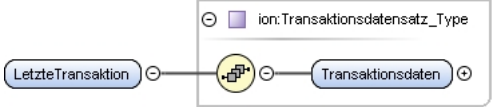
## Element tns:NmApplikationsverzeichnis\_Type / tns:VerzeichniseintragBerDaten

Namespace	http://vdv/ka/pe/2
Diagram	<pre> classDiagram     class tnsNmvBerechtigungen_Type {         NmSystemspezifischerVerzeichnisteil         berBerechtigung_ID         prodProdukt_ID         prodKeyOrganisation_ID         berGueltigkeitsbeginn         berGueltigkeitsende         berStatus         berSynchronNummer     }     class VerzeichniseintragBerDaten     tnsNmvBerechtigungen_Type -- VerzeichniseintragBerDaten   </pre>
Type	tns:NmVerzeichniseintragBerechtigungen_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berGueltigkeitsbeginn , tns:berGueltigkeitsende , tns:berStatus , tns:berSynchronNummer
Children	tns:NmSystemspezifischerVerzeichnisteil , tns:berBerechtigung_ID , tns:berGueltigkeitsbeginn , tns:berGueltigkeitsende , tns:berStatus , tns:berSynchronNummer , tns:prodKeyOrganisation_ID , tns:prodProdukt_ID
Instance	<pre>&lt;tns:VerzeichniseintragBerDaten xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:NmSystemspezifischerVerzeichnisteil&gt;{1,1}&lt;/tns:NmSystemspezifischerVerzeichnisteil&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt;   &lt;tns:prodKeyOrganisation_ID&gt;{1,1}&lt;/tns:prodKeyOrganisation_ID&gt;   &lt;tns:berGueltigkeitsbeginn&gt;{1,1}&lt;/tns:berGueltigkeitsbeginn&gt;   &lt;tns:berGueltigkeitsende&gt;{1,1}&lt;/tns:berGueltigkeitsende&gt;   &lt;tns:berStatus&gt;{1,1}&lt;/tns:berStatus&gt;   &lt;tns:berSynchronNummer&gt;{1,1}&lt;/tns:berSynchronNummer&gt; &lt;/tns:VerzeichniseintragBerDaten&gt;</pre>
Source	<xs:element name="VerzeichniseintragBerDaten" type="tns:NmVerzeichniseintragBerechtigungen_Type"/>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

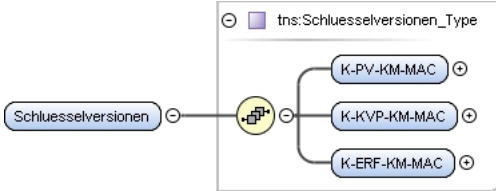
## Element `tns:NmApplikationslogbuch_Type` / `tns:Transaktionsdatensatz`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:Transaktionsdatensatz_Type</code>
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:Transaktionsdatensatz xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:Transaktionsdatensatz&gt;</pre>
Source	<code>&lt;xs:element name="Transaktionsdatensatz" type="ion:Transaktionsdatensatz_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

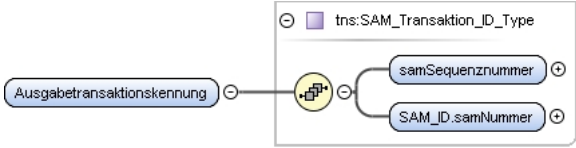
## Element `tns:NmApplikationsdaten_Type` / `tns:LetzteTransaktion`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:Transaktionsdatensatz_Type</code>
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:LetzteTransaktion xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:LetzteTransaktion&gt;</pre>
Source	<code>&lt;xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


## Element `tns:NmApplikationsdaten_Type` / `tns:Schluesselversionen`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:Schluesselversionen_Type</code>
Properties	content: complex
Model	<code>tns:K-PV-KM-MAC</code> , <code>tns:K-KVP-KM-MAC</code> , <code>tns:K-ERF-KM-MAC</code>
Children	<code>tns:K-ERF-KM-MAC</code> , <code>tns:K-KVP-KM-MAC</code> , <code>tns:K-PV-KM-MAC</code>
Instance	<pre>&lt;tns:Schluesselversionen xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:K-PV-KM-MAC&gt;{1,1}&lt;/tns:K-PV-KM-MAC&gt;   &lt;tns:K-KVP-KM-MAC&gt;{1,1}&lt;/tns:K-KVP-KM-MAC&gt;   &lt;tns:K-ERF-KM-MAC&gt;{1,1}&lt;/tns:K-ERF-KM-MAC&gt; &lt;/tns:Schluesselversionen&gt;</pre>
Source	<code>&lt;xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


## Element `tns:NmAnwendungsdaten_Type` / `tns:Ausgabetransaktionskennung`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_Transaktion_ID_Type
Properties	content: complex
Model	tns:samSequenznummer, tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Instance	<pre>&lt;tns:Ausgabetransaktionskennung xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samSequenznummer&gt;{1,1}&lt;/tns:samSequenznummer&gt;   &lt;tns:SAM_ID.samNummer&gt;{1,1}&lt;/tns:SAM_ID.samNummer&gt; &lt;/tns:Ausgabetransaktionskennung&gt;</pre>
Source	<pre>&lt;xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmAnwendungsdaten_Type` / `tns:Infotext`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of tns:PrintableString
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:PrintableString</li> </ul>
Properties	content: simple
Facets	length 40 pattern [ -p]*
Source	<pre>&lt;xs:element name="Infotext"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="ion:PrintableString"&gt;       &lt;xs:length value="40" fixed="true"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmBerechtigungsdaten_Type` / `tns:berechtigungTarifbereich`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<pre>&lt;xs:element name="berechtigungTarifbereich" type="xs:hexBinary" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:NmBerechtigungsdaten_Type` / `tns:LetzteTransaktion`

Namespace	http://vdv/ka/pe/2
Diagram	



Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:LetzteTransaktion xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:LetzteTransaktion&gt;</pre>
Source	<code>&lt;xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmBerechtigungsdaten\_Type / tns:Schluesselversionen

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Schluesselversionen_Type
Properties	content: complex
Model	tns:K-PV-KM-MAC , tns:K-KVP-KM-MAC , tns:K-ERF-KM-MAC
Children	tns:K-ERF-KM-MAC, tns:K-KVP-KM-MAC, tns:K-PV-KM-MAC
Instance	<pre>&lt;tns:Schluesselversionen xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:K-PV-KM-MAC&gt;{1,1}&lt;/tns:K-PV-KM-MAC&gt;   &lt;tns:K-KVP-KM-MAC&gt;{1,1}&lt;/tns:K-KVP-KM-MAC&gt;   &lt;tns:K-ERF-KM-MAC&gt;{1,1}&lt;/tns:K-ERF-KM-MAC&gt; &lt;/tns:Schluesselversionen&gt;</pre>
Source	<code>&lt;xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmBerechtigungsdaten\_Type / tns:Ausgabetransaktionskennung

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_Transaktion_ID_Type
Properties	content: complex
Model	tns:samSequenznummer , tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Instance	<pre>&lt;tns:Ausgabetransaktionskennung xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samSequenznummer&gt;{1,1}&lt;/tns:samSequenznummer&gt;   &lt;tns:SAM_ID.samNummer&gt;{1,1}&lt;/tns:SAM_ID.samNummer&gt; &lt;/tns:Ausgabetransaktionskennung&gt;</pre>
Source	<code>&lt;xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:NmBerechtigungsdaten\_Type / tns:Infotext

Namespace	http://vdv/ka/pe/2
Diagram	

Type	restriction of tns:PrintableString
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:PrintableString</li> </ul>
Properties	content: simple
Facets	minLength 0
	maxLength 40
	pattern [ -þ]*
Source	<pre>&lt;xs:element name="Infotext"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="ion:PrintableString"&gt;       &lt;xs:minLength value="0"/&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:Schluesselregister\_Type / tns:Schluesselname

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
	minOccurs: 0
	maxOccurs: unbounded
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;tns:Schluesselname xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/tns:Schluesselname&gt;</pre>
Source	<pre>&lt;xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="unbounded"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXWBD\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex

Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXWBD\_Type / tns:ENGINE\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ENGINE_DATA_Type
Properties	content: complex
Model	tns:VENDOR , tns:TYPE , tns:VERSION , tns:FIRMWARE , tns:TERM_TYP_CODE , tns:MAG_COUNT , tns:ACT_MAG , tns:ACT_MAG_NAME , tns:ACT_MAG_CONTENT , tns:PRINTER
Children	tns:ACT_MAG, tns:ACT_MAG_CONTENT, tns:ACT_MAG_NAME, tns:FIRMWARE, tns:MAG_COUNT, tns:PRINTER, tns:TERM_TYP_CODE, tns:TYPE, tns:VENDOR, tns:VERSION
Instance	<pre>&lt;tns:ENGINE_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:VENDOR&gt;{1,1}&lt;/tns:VENDOR&gt;   &lt;tns:TYPE&gt;{1,1}&lt;/tns:TYPE&gt;   &lt;tns:VERSION&gt;{1,1}&lt;/tns:VERSION&gt;   &lt;tns:FIRMWARE&gt;{1,1}&lt;/tns:FIRMWARE&gt;   &lt;tns:TERM_TYP_CODE&gt;{1,1}&lt;/tns:TERM_TYP_CODE&gt;   &lt;tns:MAG_COUNT&gt;{1,1}&lt;/tns:MAG_COUNT&gt;   &lt;tns:ACT_MAG&gt;{1,1}&lt;/tns:ACT_MAG&gt;   &lt;tns:ACT_MAG_NAME&gt;{1,1}&lt;/tns:ACT_MAG_NAME&gt;   &lt;tns:ACT_MAG_CONTENT&gt;{1,1}&lt;/tns:ACT_MAG_CONTENT&gt;   &lt;tns:PRINTER&gt;{1,1}&lt;/tns:PRINTER&gt; &lt;/tns:ENGINE_DATA&gt;</pre>
Source	<code>&lt;xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXWBD\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex

Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXAUTH\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXAUTH\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXAUTH\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXBGN\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXBGN\_Type / tns:ENGINE\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ENGINE_DATA_Type
Properties	content: complex

Model	tns:VENDOR , tns:TYPE , tns:VERSION , tns:FIRMWARE , tns:TERM_TYP_CODE , tns:MAG_COUNT , tns:ACT_MAG , tns:ACT_MAG_NAME , tns:ACT_MAG_CONTENT , tns:PRINTER
Children	tns:ACT_MAG, tns:ACT_MAG_CONTENT, tns:ACT_MAG_NAME, tns:FIRMWARE, tns:MAG_COUNT, tns:PRINTER, tns:TERM_TYP_CODE, tns:TYPE, tns:VENDOR, tns:VERSION
Instance	<pre>&lt;tns:ENGINE_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:VENDOR&gt;{1,1}&lt;/tns:VENDOR&gt;   &lt;tns:TYPE&gt;{1,1}&lt;/tns:TYPE&gt;   &lt;tns:VERSION&gt;{1,1}&lt;/tns:VERSION&gt;   &lt;tns:FIRMWARE&gt;{1,1}&lt;/tns:FIRMWARE&gt;   &lt;tns:TERM_TYP_CODE&gt;{1,1}&lt;/tns:TERM_TYP_CODE&gt;   &lt;tns:MAG_COUNT&gt;{1,1}&lt;/tns:MAG_COUNT&gt;   &lt;tns:ACT_MAG&gt;{1,1}&lt;/tns:ACT_MAG&gt;   &lt;tns:ACT_MAG_NAME&gt;{1,1}&lt;/tns:ACT_MAG_NAME&gt;   &lt;tns:ACT_MAG_CONTENT&gt;{1,1}&lt;/tns:ACT_MAG_CONTENT&gt;   &lt;tns:PRINTER&gt;{1,1}&lt;/tns:PRINTER&gt; &lt;/tns:ENGINE_DATA&gt;</pre>
Source	<xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXBGN\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXBGN\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXBGN\_Type / tns:NmApplikationsverzeichnis

Namespace	http://vdv/ka/pe/2
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Diagram							
Type	tns:NmApplikationsverzeichnis_Type						
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	tns:VerzeichniseintragAppDaten , tns:VerzeichniseintragAppLogbuch , tns:VerzeichniseintragKunde , tns:VerzeichniseintragSchluesselregister {0,1} , tns:LetzteTransaktion , tns:Prioritaeten , tns:VerzeichniseintragBerDaten						
Children	tns:LetzteTransaktion, tns:Prioritaeten, tns:VerzeichniseintragAppDaten, tns:VerzeichniseintragAppLogbuch, tns:VerzeichniseintragBerDaten, tns:VerzeichniseintragKunde, tns:VerzeichniseintragSchluesselregister						
Instance	<pre> &lt;tns:NmApplikationsverzeichnis xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:VerzeichniseintragAppDaten&gt;{1,1}&lt;/tns:VerzeichniseintragAppDaten&gt;   &lt;tns:VerzeichniseintragAppLogbuch&gt;{1,1}&lt;/tns:VerzeichniseintragAppLogbuch&gt;   &lt;tns:VerzeichniseintragKunde&gt;{1,1}&lt;/tns:VerzeichniseintragKunde&gt;   &lt;tns:VerzeichniseintragSchluesselregister&gt;{0,1}&lt;/tns:VerzeichniseintragSchluesselregister&gt;   &lt;tns:LetzteTransaktion&gt;{1,1}&lt;/tns:LetzteTransaktion&gt;   &lt;tns:Prioritaeten&gt;{1,1}&lt;/tns:Prioritaeten&gt;   &lt;tns:VerzeichniseintragBerDaten&gt;{1,1}&lt;/tns:VerzeichniseintragBerDaten&gt; &lt;/tns:NmApplikationsverzeichnis&gt; </pre>						
Source	<pre> &lt;xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type" minOccurs="0" maxOccurs="1" /&gt; </pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

## Element tns:TXLADKEYREG\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2		
Diagram			
Type	tns:SESSION_DATA_Type		
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> </table>	content:	complex
content:	complex		
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION		
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID		
Instance	<pre> &lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt; </pre>		
Source	<pre> &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt; </pre>		

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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## Element **tns:TXLADKEYREG\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXLADKEYREG\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<pre>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXLOEKEYREG\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME, tns:SES_ID, tns:ACTION, tns:PARAMETER, tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;</pre>



	<pre> &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt; &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt; &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt; &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt; </pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXLOEKEYREG\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre> &lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt; </pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXLOEKEYREG\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXLESKEYREG\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type

Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLESKEYREG\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLESKEYREG\_Type / tns:STATUS\_DATA

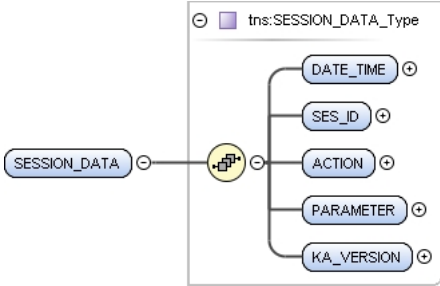
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLESKEYREG\_Type / tns:Schluesselregister

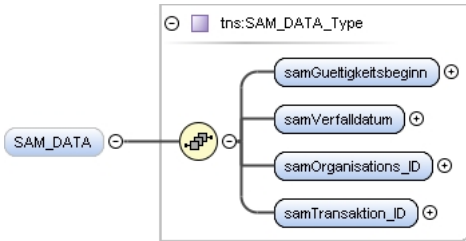
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Schluesselregister_Type
Properties	content: complex

	minOccurs: 0
	maxOccurs: 1
Model	tns:Schluesselname*
Children	tns:Schluesselname
Instance	<pre>&lt;tns:Schluesselregister xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:Schluesselname&gt;{0,unbounded}&lt;/tns:Schluesselname&gt; &lt;/tns:Schluesselregister&gt;</pre>
Source	<pre>&lt;xs:element name="Schluesselregister" type="tns:Schluesselregister_Type" minOccurs="0" maxOccurs="1" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXEND\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXEND\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;</pre>

	<pre> &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt; &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt; &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt; </pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXEND\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXLESAPLOG\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre> &lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt; </pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXLESAPLOG\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex

Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLESAPLOG\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLESAPLOG\_Type / tns:NmApplikationsLogbuch

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationslogbuch_Type
Properties	content: complex minOccurs: 0
Model	tns:Transaktionsdatensatz
Children	tns:Transaktionsdatensatz
Instance	<pre>&lt;tns:NmApplikationsLogbuch xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:Transaktionsdatensatz&gt;{1,1}&lt;/tns:Transaktionsdatensatz&gt; &lt;/tns:NmApplikationsLogbuch&gt;</pre>
Source	<code>&lt;xs:element name="NmApplikationsLogbuch" type="tns:NmApplikationslogbuch_Type" minOccurs="0" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLOEAPLOG\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION

Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLOEAPPLOG\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLOEAPPLOG\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXAGBKUNDE\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBKUNDE\_Type / tns:SAM\_DATA

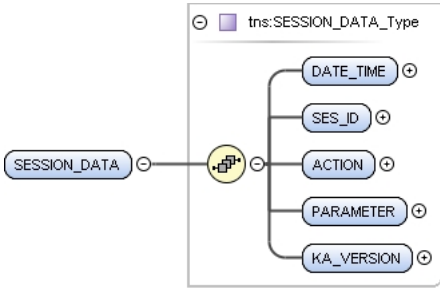
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBKUNDE\_Type / tns:STATUS\_DATA

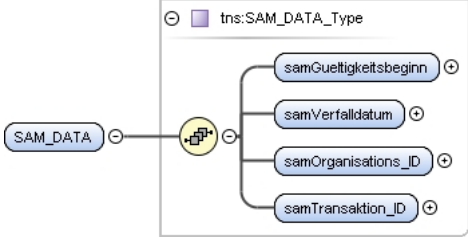
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESKUNDE\_Type / tns:SESSION\_DATA


Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXLESKUNDE\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXLESKUNDE\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>



Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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## Element `tns:TXLESKUNDE_Type` / `tns:NmKundendaten`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:NmKundendaten_Type</code>
Properties	content: complex

	minOccurs: 0
Model	tns:kundeGeburtsdatum, tns:kundeSprache.code, tns:kundeName, tns:kundeVorname, tns:kundeGeschlecht.code, tns:kundenTyp1.code, tns:kundenTyp1.BeginnDatum, tns:kundenTyp1.AblaufDatum, tns:kundenTyp1.Anwendungsgebiet, tns:kundenTyp1.Tarifzonen.Ort_ID1, tns:kundenTyp1.Tarifzonen.Ort_ID2, tns:kundenTyp1.Tarifzonen.Ort_ID3, tns:kundenTyp1.StreckeVon, tns:kundenTyp1.StreckeNach, tns:kundenTyp2.code, tns:kundenTyp2.BeginnDatum, tns:kundenTyp2.AblaufDatum, tns:kundenTyp2.Anwendungsgebiet, tns:kundenTyp2.Tarifzonen.Ort_ID1, tns:kundenTyp2.Tarifzonen.Ort_ID2, tns:kundenTyp2.Tarifzonen.Ort_ID3, tns:kundenTyp2.StreckeVon, tns:kundenTyp2.StreckeNach, tns:kundenTyp3.code, tns:kundenTyp3.BeginnDatum, tns:kundenTyp3.AblaufDatum, tns:kundenTyp3.Anwendungsgebiet, tns:kundenTyp3.Tarifzonen.Ort_ID1, tns:kundenTyp3.Tarifzonen.Ort_ID2, tns:kundenTyp3.Tarifzonen.Ort_ID3, tns:kundenTyp3.StreckeVon, tns:kundenTyp3.StreckeNach, tns:Infotext
Children	tns:Infotext, tns:kundeGeburtsdatum, tns:kundeGeschlecht.code, tns:kundeName, tns:kundeSprache.code, tns:kundeVorname, tns:kundenTyp1.AblaufDatum, tns:kundenTyp1.Anwendungsgebiet, tns:kundenTyp1.BeginnDatum, tns:kundenTyp1.StreckeNach, tns:kundenTyp1.StreckeVon, tns:kundenTyp1.Tarifzonen.Ort_ID1, tns:kundenTyp1.Tarifzonen.Ort_ID2, tns:kundenTyp1.Tarifzonen.Ort_ID3, tns:kundenTyp2.BeginnDatum, tns:kundenTyp2.StreckeNach, tns:kundenTyp2.StreckeVon, tns:kundenTyp2.Tarifzonen.Ort_ID1, tns:kundenTyp2.Tarifzonen.Ort_ID2, tns:kundenTyp2.Tarifzonen.Ort_ID3, tns:kundenTyp2.code, tns:kundenTyp3.AblaufDatum, tns:kundenTyp3.Anwendungsgebiet, tns:kundenTyp3.BeginnDatum, tns:kundenTyp3.StreckeNach, tns:kundenTyp3.StreckeVon, tns:kundenTyp3.Tarifzonen.Ort_ID1, tns:kundenTyp3.Tarifzonen.Ort_ID2, tns:kundenTyp3.Tarifzonen.Ort_ID3, tns:kundenTyp3.code
Instance	<pre> &lt;tns:NmKundendaten xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:kundeGeburtsdatum&gt;{1,1}&lt;/tns:kundeGeburtsdatum&gt;   &lt;tns:kundeSprache.code&gt;{1,1}&lt;/tns:kundeSprache.code&gt;   &lt;tns:kundeName&gt;{1,1}&lt;/tns:kundeName&gt;   &lt;tns:kundeVorname&gt;{1,1}&lt;/tns:kundeVorname&gt;   &lt;tns:kundeGeschlecht.code&gt;{1,1}&lt;/tns:kundeGeschlecht.code&gt;   &lt;tns:kundenTyp1.code&gt;{1,1}&lt;/tns:kundenTyp1.code&gt;   &lt;tns:kundenTyp1.BeginnDatum&gt;{1,1}&lt;/tns:kundenTyp1.BeginnDatum&gt;   &lt;tns:kundenTyp1.AblaufDatum&gt;{1,1}&lt;/tns:kundenTyp1.AblaufDatum&gt;   &lt;tns:kundenTyp1.Anwendungsgebiet&gt;{1,1}&lt;/tns:kundenTyp1.Anwendungsgebiet&gt;   &lt;tns:kundenTyp1.Tarifzonen.Ort_ID1&gt;{1,1}&lt;/tns:kundenTyp1.Tarifzonen.Ort_ID1&gt;   &lt;tns:kundenTyp1.Tarifzonen.Ort_ID2&gt;{1,1}&lt;/tns:kundenTyp1.Tarifzonen.Ort_ID2&gt;   &lt;tns:kundenTyp1.Tarifzonen.Ort_ID3&gt;{1,1}&lt;/tns:kundenTyp1.Tarifzonen.Ort_ID3&gt;   &lt;tns:kundenTyp1.StreckeVon&gt;{1,1}&lt;/tns:kundenTyp1.StreckeVon&gt;   &lt;tns:kundenTyp1.StreckeNach&gt;{1,1}&lt;/tns:kundenTyp1.StreckeNach&gt;   &lt;tns:kundenTyp2.code&gt;{1,1}&lt;/tns:kundenTyp2.code&gt;   &lt;tns:kundenTyp2.BeginnDatum&gt;{1,1}&lt;/tns:kundenTyp2.BeginnDatum&gt;   &lt;tns:kundenTyp2.AblaufDatum&gt;{1,1}&lt;/tns:kundenTyp2.AblaufDatum&gt;   &lt;tns:kundenTyp2.Anwendungsgebiet&gt;{1,1}&lt;/tns:kundenTyp2.Anwendungsgebiet&gt;   &lt;tns:kundenTyp2.Tarifzonen.Ort_ID1&gt;{1,1}&lt;/tns:kundenTyp2.Tarifzonen.Ort_ID1&gt;   &lt;tns:kundenTyp2.Tarifzonen.Ort_ID2&gt;{1,1}&lt;/tns:kundenTyp2.Tarifzonen.Ort_ID2&gt;   &lt;tns:kundenTyp2.Tarifzonen.Ort_ID3&gt;{1,1}&lt;/tns:kundenTyp2.Tarifzonen.Ort_ID3&gt;   &lt;tns:kundenTyp2.StreckeVon&gt;{1,1}&lt;/tns:kundenTyp2.StreckeVon&gt;   &lt;tns:kundenTyp2.StreckeNach&gt;{1,1}&lt;/tns:kundenTyp2.StreckeNach&gt;   &lt;tns:kundenTyp3.code&gt;{1,1}&lt;/tns:kundenTyp3.code&gt;   &lt;tns:kundenTyp3.BeginnDatum&gt;{1,1}&lt;/tns:kundenTyp3.BeginnDatum&gt;   &lt;tns:kundenTyp3.AblaufDatum&gt;{1,1}&lt;/tns:kundenTyp3.AblaufDatum&gt;   &lt;tns:kundenTyp3.Anwendungsgebiet&gt;{1,1}&lt;/tns:kundenTyp3.Anwendungsgebiet&gt;   &lt;tns:kundenTyp3.Tarifzonen.Ort_ID1&gt;{1,1}&lt;/tns:kundenTyp3.Tarifzonen.Ort_ID1&gt;   &lt;tns:kundenTyp3.Tarifzonen.Ort_ID2&gt;{1,1}&lt;/tns:kundenTyp3.Tarifzonen.Ort_ID2&gt;   &lt;tns:kundenTyp3.Tarifzonen.Ort_ID3&gt;{1,1}&lt;/tns:kundenTyp3.Tarifzonen.Ort_ID3&gt;   &lt;tns:kundenTyp3.StreckeVon&gt;{1,1}&lt;/tns:kundenTyp3.StreckeVon&gt;   &lt;tns:kundenTyp3.StreckeNach&gt;{1,1}&lt;/tns:kundenTyp3.StreckeNach&gt;   &lt;tns:Infotext&gt;{1,1}&lt;/tns:Infotext&gt; &lt;/tns:NmKundendaten&gt; </pre>
Source	<xs:element name="NmKundendaten" type="tns:NmKundendaten_Type" minOccurs="0"/>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEKUNDE\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	<pre> classDiagram     class tns_SESSION_DATA_Type {         DATE_TIME         SES_ID         ACTION         PARAMETER         KA_VERSION     }     class tns_SESSION_DATA {     }     tns_SESSION_DATA_Type -- &gt; tns_SESSION_DATA </pre>
Type	tns:SESSION_DATA_Type

Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEKUNDE\_Type / tns:SAM\_DATA

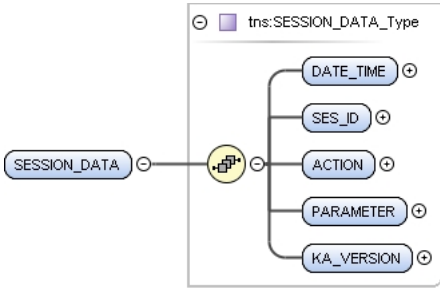
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEKUNDE\_Type / tns:STATUS\_DATA

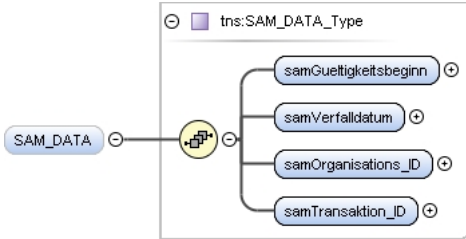
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBPRIOR\_Type / tns:SESSION\_DATA


Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

#### Element **tns:TXAGBPRIOR\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

#### Element **tns:TXAGBPRIOR\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex

Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEPRIO\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEPRIO\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEPRIO\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBPINPUC\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBPINPUC\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>

Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXAGBPINUC\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXPPIN\_Type** / **tns:SESSION\_DATA**


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME, tns:SES_ID, tns:ACTION, tns:PARAMETER, tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXPPIN\_Type** / **tns:SAM\_DATA**

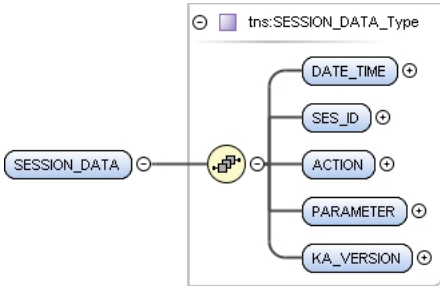
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum

Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

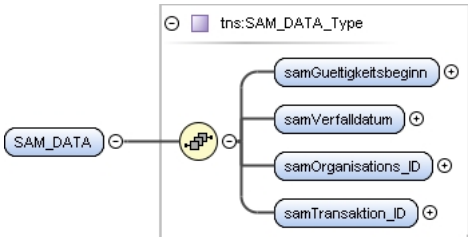
## Element **tns:TXPPIN\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	 The diagram shows a box labeled 'tns:STATUS_DATA_Type' with a line connecting it to an oval labeled 'STATUS_DATA'.
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXAENDPIN\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	 The diagram shows a box labeled 'tns:SESSION_DATA_Type' with a line connecting it to an oval labeled 'SESSION_DATA'. Inside the box, there is a tree structure with a root node (yellow circle with a plus sign) and five child nodes (blue ovals): 'DATE_TIME', 'SES_ID', 'ACTION', 'PARAMETER', and 'KA_VERSION'.
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXAENDPIN\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	 The diagram shows a box labeled 'tns:SAM_DATA_Type' with a line connecting it to an oval labeled 'SAM_DATA'. Inside the box, there is a tree structure with a root node (yellow circle with a plus sign) and four child nodes (blue ovals): 'samGueltigkeitsbeginn', 'samVerfalldatum', 'samOrganisations_ID', and 'samTransaktion_ID'.



Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAENDPIN\_Type / tns:STATUS\_DATA

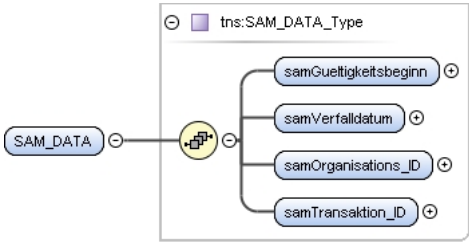
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXSPIN\_Type / tns:SESSION\_DATA

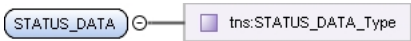
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXSPIN\_Type / tns:SAM\_DATA

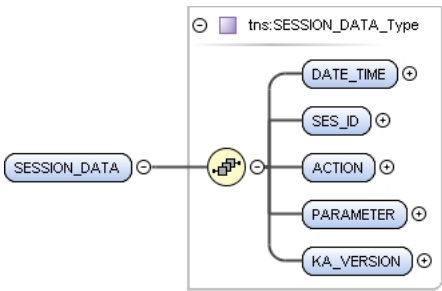
Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

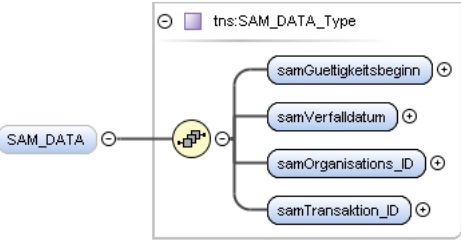
### Element tns:TXSPIN\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<pre>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element tns:TXDRUCK\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME, tns:SES_ID, tns:ACTION, tns:PARAMETER, tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

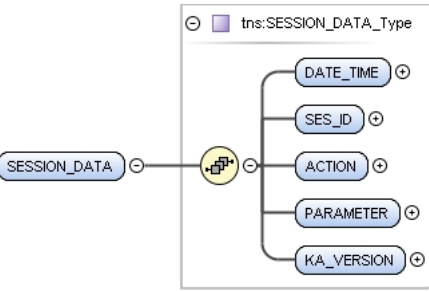
## Element **tns:TXDRUCK\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2						
Diagram	 The diagram shows a box labeled 'tns:SAM_DATA_Type' containing four child elements: 'samGueltigkeitsbeginn', 'samVerfalldatum', 'samOrganisations_ID', and 'samTransaktion_ID'. Each child element is connected to a central yellow circle with a plus sign, which is then connected to a blue box labeled 'SAM_DATA'.						
Type	tns:SAM_DATA_Type						
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID						
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum						
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>						
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;</code>						
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

## Element **tns:TXDRUCK\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2		
Diagram	 The diagram shows a blue box labeled 'STATUS_DATA' connected to a yellow circle with a plus sign, which is then connected to a box labeled 'tns:STATUS_DATA_Type'.		
Type	tns:STATUS_DATA_Type		
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> </table>	content:	complex
content:	complex		
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>		
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

## Element **tns:TXWEBAENDN\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2		
Diagram	 The diagram shows a blue box labeled 'SESSION_DATA' connected to a yellow circle with a plus sign, which is then connected to a box labeled 'tns:SESSION_DATA_Type'. Inside this box are five child elements: 'DATE_TIME', 'SES_ID', 'ACTION', 'PARAMETER', and 'KA_VERSION', each connected to the central yellow circle.		
Type	tns:SESSION_DATA_Type		
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> </table>	content:	complex
content:	complex		
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION		
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID		
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;</pre>		

	<pre>&lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt; &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXWEBAENDN\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXWEBAENDN\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXSBER\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME, tns:SES_ID, tns:ACTION, tns:PARAMETER, tns:KA_VERSION

Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXSBER\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXSBER\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXAGBBER\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBBER\_Type / tns:SAM\_DATA

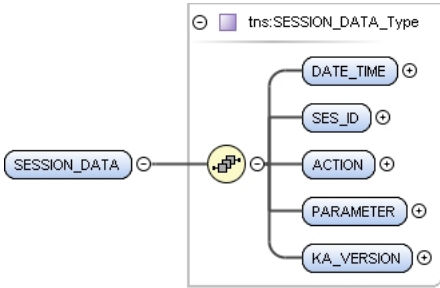
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBBER\_Type / tns:STATUS\_DATA

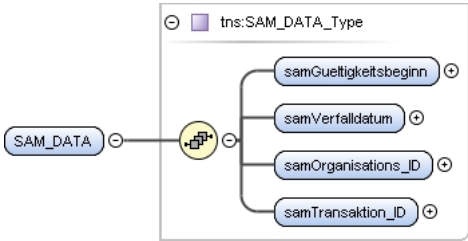
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEBER\_Type / tns:SESSION\_DATA


Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEBER\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEBER\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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## Element **tns:TXWEBPOBPEB\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXWEBPOBPEB\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXWEBPOBPEB\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	



Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


## Element tns:TXPEB\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

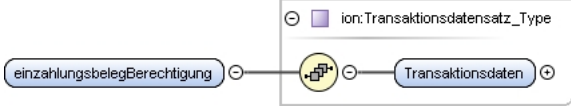
## Element tns:TXPEB\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

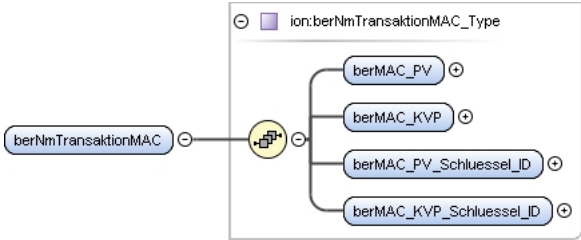
## Element **tns:TXPEB\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	 The diagram shows a blue rounded rectangle labeled 'STATUS_DATA' connected by a line to a purple square labeled 'tns:STATUS_DATA_Type'.
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXLPEB\_Type** / **tns:einzahlungsbelegBerechtigung**

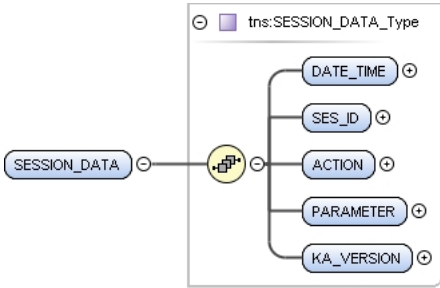
Namespace	http://vdv/ka/pe/2
Diagram	 The diagram shows a blue rounded rectangle labeled 'einzahlungsbelegBerechtigung' connected by a line to a yellow circle with a plus sign, which is then connected to a blue rounded rectangle labeled 'Transaktionsdaten'. A legend box shows a purple square for 'ion:Transaktionsdatensatz_Type'.
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:einzahlungsbelegBerechtigung xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:einzahlungsbelegBerechtigung&gt;</pre>
Source	<code>&lt;xs:element name="einzahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXLPEB\_Type** / **tns:berNmTransaktionMAC**

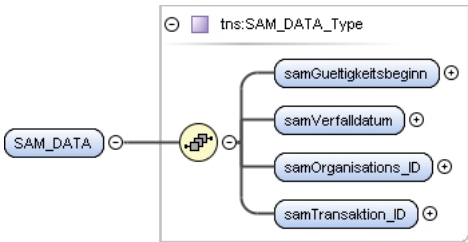
Namespace	http://vdv/ka/pe/2
Diagram	 The diagram shows a blue rounded rectangle labeled 'berNmTransaktionMAC' connected by a line to a yellow circle with a plus sign. This circle is connected to four blue rounded rectangles: 'berMAC_PV', 'berMAC_KVP', 'berMAC_PV_Schlüssel_ID', and 'berMAC_KVP_Schlüssel_ID'. A legend box shows a purple square for 'ion:berNmTransaktionMAC_Type'.
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<code>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXAENDBER\_Type** / **tns:SESSION\_DATA**


Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

#### Element tns:TXAENDBER\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

#### Element tns:TXAENDBER\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXLESBER\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXLESBER\_Type** / **tns:SAM\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXLESBER\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex

Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:TXLESBER_Type` / `tns:NmApplikationsverzeichnis`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:NmApplikationsverzeichnis_Type</code>
Properties	content: complex
Model	<code>tns:VerzeichniseintragAppDaten</code> , <code>tns:VerzeichniseintragAppLogbuch</code> , <code>tns:VerzeichniseintragKunde</code> , <code>tns:VerzeichniseintragSchluesselregister</code> {0,1} , <code>tns:LetzteTransaktion</code> , <code>tns:Prioritaeten</code> , <code>tns:VerzeichniseintragBerDaten</code>
Children	<code>tns:LetzteTransaktion</code> , <code>tns:Prioritaeten</code> , <code>tns:VerzeichniseintragAppDaten</code> , <code>tns:VerzeichniseintragAppLogbuch</code> , <code>tns:VerzeichniseintragBerDaten</code> , <code>tns:VerzeichniseintragKunde</code> , <code>tns:VerzeichniseintragSchluesselregister</code>
Instance	<pre> &lt;tns:NmApplikationsverzeichnis xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:VerzeichniseintragAppDaten&gt;{1,1}&lt;/tns:VerzeichniseintragAppDaten&gt;   &lt;tns:VerzeichniseintragAppLogbuch&gt;{1,1}&lt;/tns:VerzeichniseintragAppLogbuch&gt;   &lt;tns:VerzeichniseintragKunde&gt;{1,1}&lt;/tns:VerzeichniseintragKunde&gt;   &lt;tns:VerzeichniseintragSchluesselregister&gt;{0,1}&lt;/tns:VerzeichniseintragSchluesselregister&gt;   &lt;tns:LetzteTransaktion&gt;{1,1}&lt;/tns:LetzteTransaktion&gt;   &lt;tns:Prioritaeten&gt;{1,1}&lt;/tns:Prioritaeten&gt;   &lt;tns:VerzeichniseintragBerDaten&gt;{1,1}&lt;/tns:VerzeichniseintragBerDaten&gt; &lt;/tns:NmApplikationsverzeichnis&gt; </pre>
Source	<code>&lt;xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element `tns:TXLESBER_Type` / `tns:NmApplikationsDaten`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	<code>tns:NmApplikationsdaten_Type</code>
Properties	content: complex
Model	<code>tns:LetzteTransaktion</code> , <code>tns:Schluesselversionen</code> , <code>tns:Ausgabetransaktionskennung</code> , <code>tns:Infotext</code>
Children	<code>tns:Ausgabetransaktionskennung</code> , <code>tns:Infotext</code> , <code>tns:LetzteTransaktion</code> , <code>tns:Schluesselversionen</code>
Instance	<pre> &lt;tns:NmApplikationsDaten xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:LetzteTransaktion&gt;{1,1}&lt;/tns:LetzteTransaktion&gt;   &lt;tns:Schluesselversionen&gt;{1,1}&lt;/tns:Schluesselversionen&gt;   &lt;tns:Ausgabetransaktionskennung&gt;{1,1}&lt;/tns:Ausgabetransaktionskennung&gt;   &lt;tns:Infotext&gt;{1,1}&lt;/tns:Infotext&gt; &lt;/tns:NmApplikationsDaten&gt; </pre>
Source	<code>&lt;xs:element name="NmApplikationsDaten" type="tns:NmApplikationsdaten_Type" /&gt;</code>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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## Element tns:TXLESBER\_Type / tns:NmBerechtigungsDaten

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmBerechtigungsdaten_Type
Properties	content: complex
Model	tns:berechtigungTarfbereich , tns:LetzteTransaktion , tns:Schluesselversionen , tns:Ausgabetransaktionskennung , tns:Infotext
Children	tns:Ausgabetransaktionskennung, tns:Infotext, tns:LetzteTransaktion, tns:Schluesselversionen, tns:berechtigungTarfbereich
Instance	<pre>&lt;tns:NmBerechtigungsDaten xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:berechtigungTarfbereich&gt;{1,1}&lt;/tns:berechtigungTarfbereich&gt;   &lt;tns:LetzteTransaktion&gt;{1,1}&lt;/tns:LetzteTransaktion&gt;   &lt;tns:Schluesselversionen&gt;{1,1}&lt;/tns:Schluesselversionen&gt;   &lt;tns:Ausgabetransaktionskennung&gt;{1,1}&lt;/tns:Ausgabetransaktionskennung&gt;   &lt;tns:Infotext&gt;{1,1}&lt;/tns:Infotext&gt; &lt;/tns:NmBerechtigungsDaten&gt;</pre>
Source	<xs:element name="NmBerechtigungsDaten" type="tns:NmBerechtigungsdaten_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBKEY\_Type / tns:SESSION\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBKEY\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
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Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn, tns:samVerfalldatum, tns:samOrganisations_ID, tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXAGBKEY\_Type / tns:STATUS\_DATA

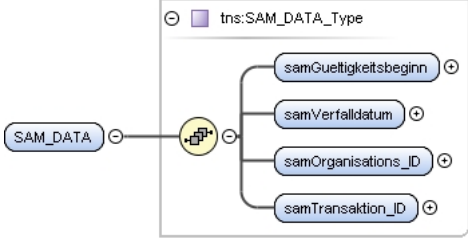
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXLESKEY\_Type / tns:SESSION\_DATA

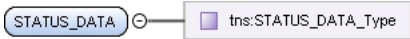
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME, tns:SES_ID, tns:ACTION, tns:PARAMETER, tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd
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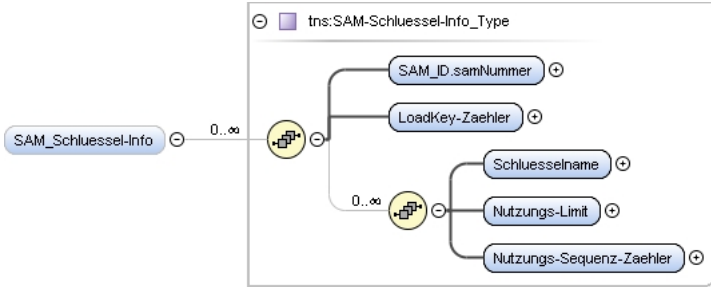
## Element tns:TXLESKEY\_Type / tns:SAM\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<pre>&lt;tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:samGueltigkeitsbeginn&gt;{1,1}&lt;/tns:samGueltigkeitsbeginn&gt;   &lt;tns:samVerfalldatum&gt;{1,1}&lt;/tns:samVerfalldatum&gt;   &lt;tns:samOrganisations_ID&gt;{1,1}&lt;/tns:samOrganisations_ID&gt;   &lt;tns:samTransaktion_ID&gt;{1,1}&lt;/tns:samTransaktion_ID&gt; &lt;/tns:SAM_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESKEY\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<pre>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESKEY\_Type / tns:SAM\_Schluessel-Info

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_Schluessel-Info_Type
Properties	content: complex minOccurs: 0
Model	tns:SAM_ID.samNummer , tns:LoadKey-Zaehler , tns:Schluesselname , tns:Nutzungs-Limit , tns:Nutzungs-Sequenz-Zaehler
Children	tns:LoadKey-Zaehler, tns:Nutzungs-Limit, tns:Nutzungs-Sequenz-Zaehler, tns:SAM_ID.samNummer, tns:Schluesselname
Instance	<pre>&lt;tns:SAM_Schluessel-Info xmlns:tns="http://vdv/ka/pe/2"&gt;</pre>



	<pre> &lt;tns:SAM_ID.samNummer&gt;{1,1}&lt;/tns:SAM_ID.samNummer&gt; &lt;tns:LoadKey-Zaehler&gt;{1,1}&lt;/tns:LoadKey-Zaehler&gt; &lt;tns:Schluesselname&gt;{1,1}&lt;/tns:Schluesselname&gt; &lt;tns:Nutzungs-Limit&gt;{1,1}&lt;/tns:Nutzungs-Limit&gt; &lt;tns:Nutzungs-Sequenz-Zaehler&gt;{1,1}&lt;/tns:Nutzungs-Sequenz-Zaehler&gt; &lt;/tns:SAM_Schluessel-Info&gt; </pre>
Source	<code>&lt;xs:element name="SAM_Schluessel-Info" type="tns:SAM-Schluessel-Info_Type" minOccurs="0"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXAUFTRAG\_Type** / **tns:SESSION\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre> &lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt; </pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXAUFTRAG\_Type** / **tns:STATUS\_DATA**


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element **tns:TXANSCHR\_Type** / **tns:SESSION\_DATA**

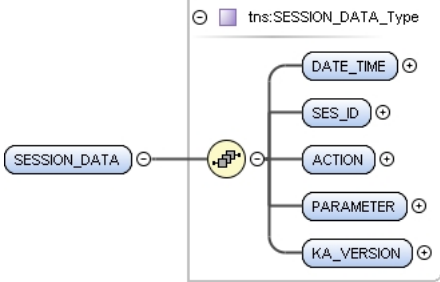
Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd


### Element tns:TXANSCHR\_Type / tns:STATUS\_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXANTWORT\_Type / tns:SESSION\_DATA


Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<code>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Element tns:TXANTWORT\_Type / tns:STATUS\_DATA

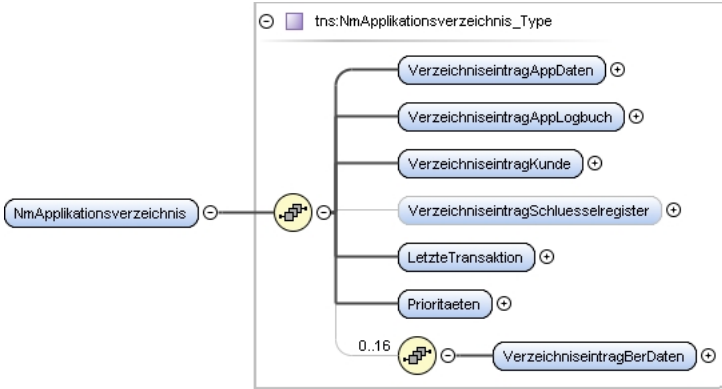
Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

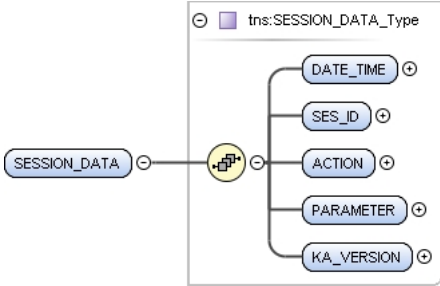
## Element tns:TXANTWORT\_Type / tns:SUB\_SES\_ID

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	restriction of xs:unsignedInt				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>999999</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	999999	minInclusive	0
maxInclusive	999999				
minInclusive	0				
Source	<pre>&lt;xs:element name="SUB_SES_ID"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:unsignedInt"&gt;       &lt;xs:minInclusive value="0"/&gt;       &lt;xs:maxInclusive value="999999"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

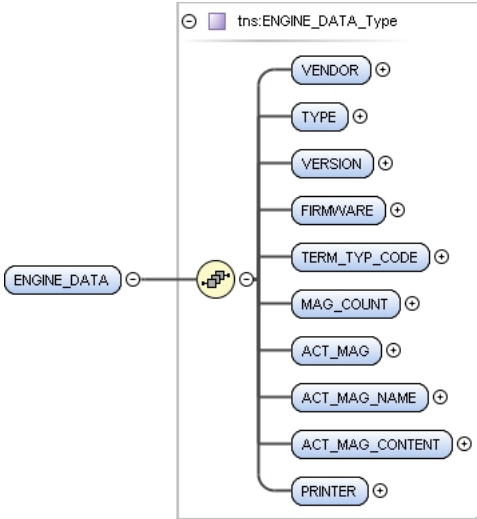
## Element tns:TXANTWORT\_Type / tns:NmApplikationsverzeichnis

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationsverzeichnis_Type
Properties	content: complex
Model	tns:VerzeichniseintragAppDaten , tns:VerzeichniseintragAppLogbuch , tns:VerzeichniseintragKunde , tns:VerzeichniseintragSchluesselregister {0,1} , tns:LetzteTransaktion , tns:Prioritaeten , tns:VerzeichniseintragBerDaten
Children	tns:LetzteTransaktion, tns:Prioritaeten, tns:VerzeichniseintragAppDaten, tns:VerzeichniseintragAppLogbuch, tns:VerzeichniseintragBerDaten, tns:VerzeichniseintragKunde, tns:VerzeichniseintragSchluesselregister
Instance	<pre>&lt;tns:NmApplikationsverzeichnis xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:VerzeichniseintragAppDaten&gt;{1,1}&lt;/tns:VerzeichniseintragAppDaten&gt;   &lt;tns:VerzeichniseintragAppLogbuch&gt;{1,1}&lt;/tns:VerzeichniseintragAppLogbuch&gt;   &lt;tns:VerzeichniseintragKunde&gt;{1,1}&lt;/tns:VerzeichniseintragKunde&gt;   &lt;tns:VerzeichniseintragSchluesselregister&gt;{0,1}&lt;/tns:VerzeichniseintragSchluesselregister&gt;   &lt;tns:LetzteTransaktion&gt;{1,1}&lt;/tns:LetzteTransaktion&gt;   &lt;tns:Prioritaeten&gt;{1,1}&lt;/tns:Prioritaeten&gt;   &lt;tns:VerzeichniseintragBerDaten&gt;{1,1}&lt;/tns:VerzeichniseintragBerDaten&gt; &lt;/tns:NmApplikationsverzeichnis&gt;</pre>
Source	<code>&lt;xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:ERROR\_Type** / **tns:SESSION\_DATA**

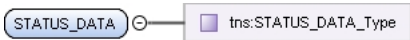
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<pre>&lt;tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:DATE_TIME&gt;{1,1}&lt;/tns:DATE_TIME&gt;   &lt;tns:SES_ID&gt;{1,1}&lt;/tns:SES_ID&gt;   &lt;tns:ACTION&gt;{1,1}&lt;/tns:ACTION&gt;   &lt;tns:PARAMETER&gt;{1,1}&lt;/tns:PARAMETER&gt;   &lt;tns:KA_VERSION&gt;{1,1}&lt;/tns:KA_VERSION&gt; &lt;/tns:SESSION_DATA&gt;</pre>
Source	<pre>&lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:ERROR\_Type** / **tns:ENGINE\_DATA**

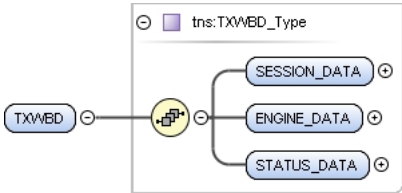
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ENGINE_DATA_Type
Properties	content: complex
Model	tns:VENDOR , tns:TYPE , tns:VERSION , tns:FIRMWARE , tns:TERM_TYP_CODE , tns:MAG_COUNT , tns:ACT_MAG , tns:ACT_MAG_NAME , tns:ACT_MAG_CONTENT , tns:PRINTER
Children	tns:ACT_MAG, tns:ACT_MAG CONTENT, tns:ACT_MAG NAME, tns:FIRMWARE, tns:MAG_COUNT, tns:PRINTER, tns:TERM_TYP_CODE, tns:TYPE, tns:VENDOR, tns:VERSION
Instance	<pre>&lt;tns:ENGINE_DATA xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:VENDOR&gt;{1,1}&lt;/tns:VENDOR&gt;   &lt;tns:TYPE&gt;{1,1}&lt;/tns:TYPE&gt;   &lt;tns:VERSION&gt;{1,1}&lt;/tns:VERSION&gt;   &lt;tns:FIRMWARE&gt;{1,1}&lt;/tns:FIRMWARE&gt;   &lt;tns:TERM_TYP_CODE&gt;{1,1}&lt;/tns:TERM_TYP_CODE&gt;</pre>

	<pre> &lt;tns:MAG_COUNT&gt;{1,1}&lt;/tns:MAG_COUNT&gt; &lt;tns:ACT_MAG&gt;{1,1}&lt;/tns:ACT_MAG&gt; &lt;tns:ACT_MAG_NAME&gt;{1,1}&lt;/tns:ACT_MAG_NAME&gt; &lt;tns:ACT_MAG_CONTENT&gt;{1,1}&lt;/tns:ACT_MAG_CONTENT&gt; &lt;tns:PRINTER&gt;{1,1}&lt;/tns:PRINTER&gt; &lt;/tns:ENGINE_DATA&gt; </pre>
Source	<code>&lt;xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

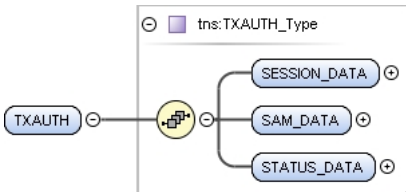
## Element **tns:ERROR\_Type** / **tns:STATUS\_DATA**

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXWBD**

Namespace	http://vdv/ka/pe/2
Annotations	Element: Wer bist Du (Abfrage von Informationen)
Diagram	
Type	tns:TXWBD_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre> &lt;tns:TXWBD xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:ENGINE_DATA&gt;{1,1}&lt;/tns:ENGINE_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXWBD&gt; </pre>
Source	<pre> &lt;xs:element name="TXWBD" type="tns:TXWBD_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Wer bist Du (Abfrage von Informationen)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element **tns:TXAUTH**

Namespace	http://vdv/ka/pe/2
Annotations	Element: Authentisierung
Diagram	

Type	tns:TXAUTH_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXAUTH xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXAUTH&gt;</pre>
Source	<pre>&lt;xs:element name="TXAUTH" type="tns:TXAUTH_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Authentisierung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXBGN

Namespace	http://vdv/ka/pe/2
Annotations	Element: Beginn einer Session
Diagram	
Type	tns:TXBGN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:NmApplikationsverzeichnis{0,1}
Children	tns:ENGINE_DATA, tns:NmApplikationsverzeichnis, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXBGN xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:ENGINE_DATA&gt;{1,1}&lt;/tns:ENGINE_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;tns:NmApplikationsverzeichnis&gt;{0,1}&lt;/tns:NmApplikationsverzeichnis&gt; &lt;/tns:TXBGN&gt;</pre>
Source	<pre>&lt;xs:element name="TXBGN" type="tns:TXBGN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Beginn einer Session&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXEND

Namespace	http://vdv/ka/pe/2
Annotations	Element: Ende einer Session
Diagram	

Type	tns:TXEND_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXEND xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXEND&gt;</pre>
Source	<pre>&lt;xs:element name="TXEND" type="tns:TXEND_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element:Ende einer Session&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESAPPPLOG

Namespace	http://vdv/ka/pe/2
Annotations	Element:Applikationslogbuch lesen
Diagram	
Type	tns:TXLESAPPPLOG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmApplikationsLogbuch{0,1}
Children	tns:NmApplikationsLogbuch, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXLESAPPPLOG xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;tns:NmApplikationsLogbuch&gt;{0,1}&lt;/tns:NmApplikationsLogbuch&gt; &lt;/tns:TXLESAPPPLOG&gt;</pre>
Source	<pre>&lt;xs:element name="TXLESAPPPLOG" type="tns:TXLESAPPPLOG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element:Applikationslogbuch lesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEAPPPLOG

Namespace	http://vdv/ka/pe/2
Annotations	Element:Applikationslogbuch loeschen
Diagram	
Type	tns:TXLOEAPPPLOG_Type
Properties	content: complex

Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXLOEAPPLOG xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXLOEAPPLOG&gt;</pre>
Source	<pre>&lt;xs:element name="TXLOEAPPLOG" type="tns:TXLOEAPPLOG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element:Applikationslogbuch loeschen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBKUNDE

Namespace	http://vdv/ka/pe/2
Annotations	Element:Kundendaten ausgeben
Diagram	
Type	tns:TXAGBKUNDE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXAGBKUNDE xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXAGBKUNDE&gt;</pre>
Source	<pre>&lt;xs:element name="TXAGBKUNDE" type="tns:TXAGBKUNDE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element:Kundendaten ausgeben&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESKUNDE

Namespace	http://vdv/ka/pe/2
Annotations	Element:Kundendaten lesen
Diagram	
Type	tns:TXLESKUNDE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmKundendaten {0,1}
Children	tns:NmKundendaten, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXLESKUNDE xmlns:tns="http://vdv/ka/pe/2"&gt;</pre>



	<pre> &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt; &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt; &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;tns:NmKundendaten&gt;{0,1}&lt;/tns:NmKundendaten&gt; &lt;/tns:TXLESKUNDE&gt; </pre>
Source	<pre> &lt;xs:element name="TXLESKUNDE" type="tns:TXLESKUNDE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element:Kundendaten lesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEKUNDE

Namespace	http://vdv/ka/pe/2
Annotations	Element:Kundendaten loeschen
Diagram	
Type	tns:TXLOEKUNDE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre> &lt;tns:TXLOEKUNDE xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXLOEKUNDE&gt; </pre>
Source	<pre> &lt;xs:element name="TXLOEKUNDE" type="tns:TXLOEKUNDE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element:Kundendaten loeschen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBPRIOR

Namespace	http://vdv/ka/pe/2
Annotations	Element:Prioritaeten setzen
Diagram	
Type	tns:TXAGBPRIOR_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre> &lt;tns:TXAGBPRIOR xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXAGBPRIOR&gt; </pre>
Source	<pre> &lt;xs:element name="TXAGBPRIOR" type="tns:TXAGBPRIOR_Type"&gt; </pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Element:Prioritaeten setzen&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEPRIO

Namespace	http://vdv/ka/pe/2
Annotations	Element:Prioritaeten loeschen
Diagram	
Type	tns:TXLOEPRIO_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre> &lt;tns:TXLOEPRIO xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXLOEPRIO&gt; </pre>
Source	<pre> &lt;xs:element name="TXLOEPRIO" type="tns:TXLOEPRIO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element:Prioritaeten loeschen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBPINPUC

Namespace	http://vdv/ka/pe/2
Annotations	Element: PIN/PUC initialisieren
Diagram	
Type	tns:TXAGBPINPUC_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre> &lt;tns:TXAGBPINPUC xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXAGBPINPUC&gt; </pre>
Source	<pre> &lt;xs:element name="TXAGBPINPUC" type="tns:TXAGBPINPUC_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: PIN/PUC initialisieren&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXPPIN

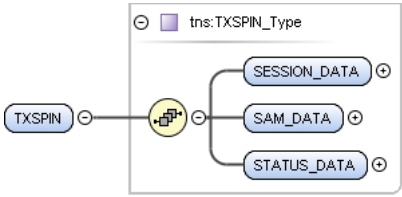
Namespace	http://vdv/ka/pe/2
Annotations	Element: PIN pruefen
Diagram	
Type	tns:TXPPIN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXPPIN xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXPPIN&gt;</pre>
Source	<pre>&lt;xs:element name="TXPPIN" type="tns:TXPPIN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: PIN pruefen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAENDPIN

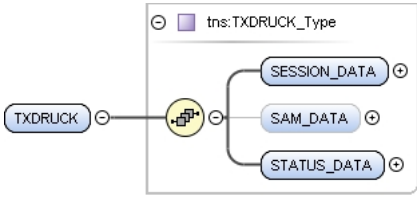
Namespace	http://vdv/ka/pe/2
Annotations	Element: PIN aendern
Diagram	
Type	tns:TXAENDPIN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXAENDPIN xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXAENDPIN&gt;</pre>
Source	<pre>&lt;xs:element name="TXAENDPIN" type="tns:TXAENDPIN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: PIN aendern&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXSPIN

Namespace	http://vdv/ka/pe/2
Annotations	Element: PIN entsperren

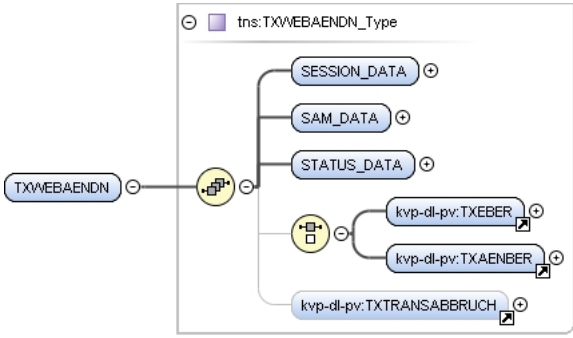
Diagram	
Type	tns:TXSPIN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXSPIN xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXSPIN&gt;</pre>
Source	<pre>&lt;xs:element name="TXSPIN" type="tns:TXSPIN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: PIN entsperren&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXDRUCK

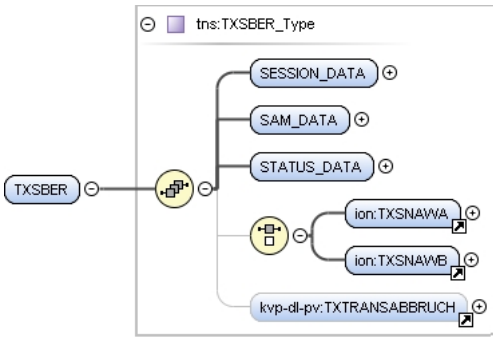
Namespace	http://vdv/ka/pe/2
Annotations	Element: Nutzermedium bedrucken
Diagram	
Type	tns:TXDRUCK_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXDRUCK xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXDRUCK&gt;</pre>
Source	<pre>&lt;xs:element name="TXDRUCK" type="tns:TXDRUCK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Nutzermedium bedrucken&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXWEBAENDN

Namespace	http://vdv/ka/pe/2
Annotations	Element: WEB aufbuchen/NTP aendern

Diagram	
Type	tns:TXWEBAENDN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXEBER   tns:TXAENBER) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAENBER, tns:TXEBER, tns:TXTRANSABBRUCH
Instance	<pre>&lt;tns:TXWEBAENDN xmlns:tns="http://vdv/ka/pe/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;kvp-dl-pv:TXEBER&gt;{1,1}&lt;/kvp-dl-pv:TXEBER&gt;   &lt;kvp-dl-pv:TXAENBER&gt;{1,1}&lt;/kvp-dl-pv:TXAENBER&gt;   &lt;kvp-dl-pv:TXTRANSABBRUCH&gt;{0,1}&lt;/kvp-dl-pv:TXTRANSABBRUCH&gt; &lt;/tns:TXWEBAENDN&gt;</pre>
Source	<pre>&lt;xs:element name="TXWEBAENDN" type="tns:TXWEBAENDN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: WEB aufbuchen/NTP aendern&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXSBER

Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung sperren/entsperren
Diagram	
Type	tns:TXSBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXSNAWA   tns:TXSNAWB) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXSNAWA, tns:TXSNAWB, tns:TXTRANSABBRUCH
Instance	<pre>&lt;tns:TXSBER xmlns:tns="http://vdv/ka/pe/2" xmlns:ion="http://vdv/ka/ion/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;ion:TXSNAWA&gt;{1,1}&lt;/ion:TXSNAWA&gt;   &lt;ion:TXSNAWB&gt;{1,1}&lt;/ion:TXSNAWB&gt;   &lt;kvp-dl-pv:TXTRANSABBRUCH&gt;{0,1}&lt;/kvp-dl-pv:TXTRANSABBRUCH&gt; &lt;/tns:TXSBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXSBER" type="tns:TXSBER_Type"&gt;</pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Element: Berechtigung sperren/entsperren&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGGBER

Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung ausgeben
Diagram	
Type	tns:TXAGGBER_Type
Properties	content: complex
Model	tns:SESSION_DATA, tns:SAM_DATA{0,1}, tns:STATUS_DATA, (ah:TXAA   tns:TXABER   tns:TXAMBER), tns:TXTRANSABBRUCH{0,1}
Children	ah:TXAA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXABER, tns:TXAMBER, tns:TXTRANSABBRUCH
Instance	<pre> &lt;tns:TXAGGBER xmlns:tns="http://vdv/ka/pe/2" xmlns:ah="http://vdv/ka/ah/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;ah:TXAA&gt;{1,1}&lt;/ah:TXAA&gt;   &lt;kvp-dl-pv:TXABER&gt;{1,1}&lt;/kvp-dl-pv:TXABER&gt;   &lt;kvp-dl-pv:TXAMBER&gt;{1,1}&lt;/kvp-dl-pv:TXAMBER&gt;   &lt;kvp-dl-pv:TXTRANSABBRUCH&gt;{0,1}&lt;/kvp-dl-pv:TXTRANSABBRUCH&gt; &lt;/tns:TXAGGBER&gt; </pre>
Source	<pre> &lt;xs:element name="TXAGGBER" type="tns:TXAGGBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Berechtigung ausgeben&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEBER

Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung zuruecknehmen

Diagram	
Type	tns:TXLOEBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXRA   tns:TXRBER   tns:TXRMBER) , tns:TXTRANSABBRUCH{0,1}
Children	ah:TXRA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXRBER, tns:TXRMBER, tns:TXTRANSABBRUCH
Instance	<pre> &lt;tns:TXLOEBER xmlns:tns="http://vdv/ka/pe/2" xmlns:ah="http://vdv/ka/ah/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;ah:TXRA&gt;{1,1}&lt;/ah:TXRA&gt;   &lt;kvp-dl-pv:TXRBER&gt;{1,1}&lt;/kvp-dl-pv:TXRBER&gt;   &lt;kvp-dl-pv:TXRMBER&gt;{1,1}&lt;/kvp-dl-pv:TXRMBER&gt;   &lt;kvp-dl-pv:TXTRANSABBRUCH&gt;{0,1}&lt;/kvp-dl-pv:TXTRANSABBRUCH&gt; &lt;/tns:TXLOEBER&gt; </pre>
Source	<pre> &lt;xs:element name="TXLOEBER" type="tns:TXLOEBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Berechtigung zuruecknehmen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXWEBPOBPBE

Namespace	http://vdv/ka/pe/2
Annotations	<p>Element: WEB/POB/PEB-Konto aufbuchen/abbuchen.          Deprecated: Bitte TXBEWEB und TXBEPOBPBE aus der Erweiterung 1.7.0 verwenden.          Dieses Element wird mit KA Release 3.0 entfernt.</p>
Diagram	
Type	tns:TXWEBPOBPBE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXBEKOKVP   tns:TXBEWEBKVP) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEKOKVP, tns:TXBEWEBKVP, tns:TXTRANSABBRUCH
Instance	<pre> &lt;tns:TXWEBPOBPBE xmlns:tns="http://vdv/ka/pe/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt; </pre>

	<pre> &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt; &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;kvp-dl-pv:TXBEKOKVP&gt;{1,1}&lt;/kvp-dl-pv:TXBEKOKVP&gt; &lt;kvp-dl-pv:TXBEWEBKVP&gt;{1,1}&lt;/kvp-dl-pv:TXBEWEBKVP&gt; &lt;kvp-dl-pv:TXTRANSABBRUCH&gt;{0,1}&lt;/kvp-dl-pv:TXTRANSABBRUCH&gt; &lt;/tns:TXWEBPOBPBEB&gt; </pre>
Source	<pre> &lt;xs:element name="TXWEBPOBPBEB" type="tns:TXWEBPOBPBEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: WEB/POB/PEB-Konto aufbuchen/abbuchen. Deprecated: Bitte TXBEWEB und TXBEPOBPBEB aus der Erweiterung 1.7.0 verwenden. Dieses Element wird mit KA Release 3.0 entfernt.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXPEB

Namespace	http://vdv/ka/pe/2
Annotations	Element: PEB-Konto aufladen
Diagram	
Type	tns:TXPEB_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXLPEB{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXLPEB, tns:TXTRANSABBRUCH
Instance	<pre> &lt;tns:TXPEB xmlns:tns="http://vdv/ka/pe/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;kvp-dl-pv:TXLPEB&gt;{0,1}&lt;/kvp-dl-pv:TXLPEB&gt;   &lt;kvp-dl-pv:TXTRANSABBRUCH&gt;{0,1}&lt;/kvp-dl-pv:TXTRANSABBRUCH&gt; &lt;/tns:TXPEB&gt; </pre>
Source	<pre> &lt;xs:element name="TXPEB" type="tns:TXPEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: PEB-Konto aufladen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLPEB

Namespace	http://vdv/ka/pe/2
Annotations	Element: Laden eines PEB-Kontos, Antwortstruktur
Diagram	
Type	tns:TXLPEB_Type



Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TXLPEB_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:inzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:inzahlungsbelegBerechtigung, txbase
Instance	<pre>&lt;tns:TXLPEB xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:inzahlungsbelegBerechtigung&gt;{1,1}&lt;/tns:inzahlungsbelegBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXLPEB&gt;</pre>
Source	<pre>&lt;xs:element name="TXLPEB" type="tns:TXLPEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Laden eines PEB-Kontos, Antwortstruktur&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAENDBER

Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung aendern
Diagram	
Type	tns:TXAENDBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXAEA   tns:TXAEBER_1_3_0)
Children	ah:TXAEA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAEBER_1_3_0
Instance	<pre>&lt;tns:TXAENDBER xmlns:tns="http://vdv/ka/pe/2" xmlns:ah="http://vdv/ka/ah/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;ah:TXAEA&gt;{1,1}&lt;/ah:TXAEA&gt;   &lt;kvp-dl-pv:TXAEBER_1_3_0&gt;{1,1}&lt;/kvp-dl-pv:TXAEBER_1_3_0&gt; &lt;/tns:TXAENDBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXAENDBER" type="tns:TXAENDBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Berechtigung aendern&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESBER

Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung auslesen

Diagram	
Type	tns:TXLESBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:NmApplikationsverzeichnis   tns:NmApplikationsDaten   tns:NmBerechtigungsDaten)
Children	tns:NmApplikationsDaten, tns:NmApplikationsverzeichnis, tns:NmBerechtigungsDaten, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXLESBER xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;tns:NmApplikationsverzeichnis&gt;{1,1}&lt;/tns:NmApplikationsverzeichnis&gt;   &lt;tns:NmApplikationsDaten&gt;{1,1}&lt;/tns:NmApplikationsDaten&gt;   &lt;tns:NmBerechtigungsDaten&gt;{1,1}&lt;/tns:NmBerechtigungsDaten&gt; &lt;/tns:TXLESBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXLESBER" type="tns:TXLESBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Berechtigung auslesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAGBKEY

Namespace	http://vdv/ka/pe/2
Annotations	Element: LoadKey ausfuehren
Diagram	
Type	tns:TXAGBKEY_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXAGBKEY xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXAGBKEY&gt;</pre>
Source	<pre>&lt;xs:element name="TXAGBKEY" type="tns:TXAGBKEY_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: LoadKey ausfuehren&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESKEY

Namespace	http://vdv/ka/pe/2
Annotations	Element: LoadKey-Zaehler auslesen
Diagram	
Type	tns:TXLESKEY_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:SAM_Schluessel-Info{0,1}
Children	tns:SAM_DATA, tns:SAM_Schluessel-Info, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXLESKEY xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{1,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;tns:SAM_Schluessel-Info&gt;{0,1}&lt;/tns:SAM_Schluessel-Info&gt; &lt;/tns:TXLESKEY&gt;</pre>
Source	<pre>&lt;xs:element name="TXLESKEY" type="tns:TXLESKEY_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: LoadKey-Zaehler auslesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLESKEYREG

Namespace	http://vdv/ka/pe/2
Annotations	Element: Schluesselregister auslesen
Diagram	
Type	tns:TXLESKEYREG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:Schluesselregister{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:Schluesselregister
Instance	<pre>&lt;tns:TXLESKEYREG xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;tns:Schluesselregister&gt;{0,1}&lt;/tns:Schluesselregister&gt; &lt;/tns:TXLESKEYREG&gt;</pre>
Source	<pre>&lt;xs:element name="TXLESKEYREG" type="tns:TXLESKEYREG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Schluesselregister auslesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLOEKEYREG

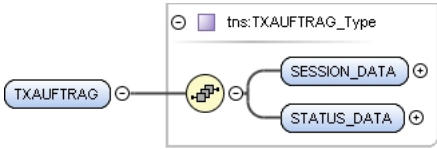
Namespace	http://vdv/ka/pe/2
Annotations	Element: Schluessel oder Schlüsselregister löschen
Diagram	
Type	tns:TXLOEKEYREG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXLOEKEYREG xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXLOEKEYREG&gt;</pre>
Source	<pre>&lt;xs:element name="TXLOEKEYREG" type="tns:TXLOEKEYREG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Schluessel oder Schlüsselregister löschen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXLADKEYREG

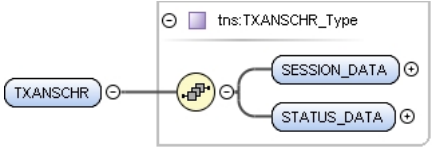
Namespace	http://vdv/ka/pe/2
Annotations	Element: Schluessel in Schlüsselregister laden
Diagram	
Type	tns:TXLADKEYREG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXLADKEYREG xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:SAM_DATA&gt;{0,1}&lt;/tns:SAM_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXLADKEYREG&gt;</pre>
Source	<pre>&lt;xs:element name="TXLADKEYREG" type="tns:TXLADKEYREG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Schluessel in Schlüsselregister laden&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXAUFTRAG

Namespace	http://vdv/ka/pe/2
Annotations	Element: Auftragsdaten uebermitteln

Diagram	
Type	tns:TXAUFTRAG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:STATUS_DATA
Children	tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXAUFTRAG xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXAUFTRAG&gt;</pre>
Source	<pre>&lt;xs:element name="TXAUFTRAG" type="tns:TXAUFTRAG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Auftragsdaten uebermitteln&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXANSCHR

Namespace	http://vdv/ka/pe/2
Annotations	Element: Anschreibendaten uebermitteln
Diagram	
Type	tns:TXANSCHR_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:STATUS_DATA
Children	tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:TXANSCHR xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:TXANSCHR&gt;</pre>
Source	<pre>&lt;xs:element name="TXANSCHR" type="tns:TXANSCHR_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Anschreibendaten uebermitteln&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:TXANTWORT

Namespace	http://vdv/ka/pe/2
Annotations	Element: Antwortdaten abfragen

Diagram	
Type	tns:TXANTWORT_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:STATUS_DATA , tns:SUB_SES_ID , tns:NmApplikationsverzeichnis , ah:TXAA , tns:TXABER{0,16} , tns:TXTRANSABBRUCH*
Children	ah:TXAA, tns:NmApplikationsverzeichnis, tns:SESSION_DATA, tns:STATUS_DATA, tns:SUB_SES_ID, tns:TXABER, tns:TXTRANSABBRUCH
Instance	<pre>&lt;tns:TXANTWORT xmlns:tns="http://vdv/ka/pe/2" xmlns:ah="http://vdv/ka/ah/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt;   &lt;tns:SUB_SES_ID&gt;{1,1}&lt;/tns:SUB_SES_ID&gt;   &lt;tns:NmApplikationsverzeichnis&gt;{1,1}&lt;/tns:NmApplikationsverzeichnis&gt;   &lt;ah:TXAA&gt;{1,1}&lt;/ah:TXAA&gt;   &lt;kvp-dl-pv:TXABER&gt;{0,16}&lt;/kvp-dl-pv:TXABER&gt;   &lt;kvp-dl-pv:TXTRANSABBRUCH&gt;{0,unbounded}&lt;/kvp-dl-pv:TXTRANSABBRUCH&gt; &lt;/tns:TXANTWORT&gt;</pre>
Source	<pre>&lt;xs:element name="TXANTWORT" type="tns:TXANTWORT_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Antwortdaten abfragen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Element tns:ERROR

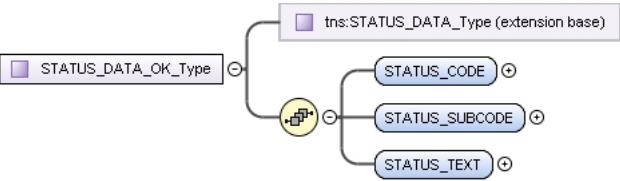
Namespace	http://vdv/ka/pe/2
Annotations	Element: Fehlermeldung mit Struktur
Diagram	
Type	tns:ERROR_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<pre>&lt;tns:ERROR xmlns:tns="http://vdv/ka/pe/2"&gt;   &lt;tns:SESSION_DATA&gt;{1,1}&lt;/tns:SESSION_DATA&gt;   &lt;tns:ENGINE_DATA&gt;{1,1}&lt;/tns:ENGINE_DATA&gt;   &lt;tns:STATUS_DATA&gt;{1,1}&lt;/tns:STATUS_DATA&gt; &lt;/tns:ERROR&gt;</pre>
Source	<pre>&lt;xs:element name="ERROR" type="tns:ERROR_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Fehlermeldung mit Struktur&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type(s)

### Complex Type `tns:STATUS_DATA_Type`

Namespace	http://vdv/ka/pe/2	
Annotations	Abstrakter Typ fuer STATUS_DATA welcher allgemein verwendet wird. In der Nachricht wird automatisch der richtige Typ referenziert	
Diagram		
Properties	abstract:	true
Used by	Elements	tns:ERROR_Type/tns:STATUS_DATA, tns:STATUS_Type/STATUS_DATA, tns:TXAENDER_Type/tns:STATUS_DATA, tns:TXAENDPIN_Type/tns:STATUS_DATA, tns:TXAGBBER_Type/tns:STATUS_DATA, tns:TXAGBKEY_Type/tns:STATUS_DATA, tns:TXAGBKUNDE_Type/tns:STATUS_DATA, tns:TXAGBPINPUC_Type/tns:STATUS_DATA, tns:TXAGBPRIOR_Type/tns:STATUS_DATA, tns:TXANSCHR_Type/tns:STATUS_DATA, tns:TXANTWORT_Type/tns:STATUS_DATA, tns:TXAUFTRAG_Type/tns:STATUS_DATA, tns:TXAUTH_Type/tns:STATUS_DATA, tns:TXBGN_Type/tns:STATUS_DATA, tns:TXDRUCK_Type/tns:STATUS_DATA, tns:TXEND_Type/tns:STATUS_DATA, tns:TXLADKEYREG_Type/tns:STATUS_DATA, tns:TXLESAPPLOG_Type/tns:STATUS_DATA, tns:TXLESBER_Type/tns:STATUS_DATA, tns:TXLESKEYREG_Type/tns:STATUS_DATA, tns:TXLESKEY_Type/tns:STATUS_DATA, tns:TXLESKUNDE_Type/tns:STATUS_DATA, tns:TXLOEAPPLOG_Type/tns:STATUS_DATA, tns:TXLOEBER_Type/tns:STATUS_DATA, tns:TXLOEKEYREG_Type/tns:STATUS_DATA, tns:TXLOEKUNDE_Type/tns:STATUS_DATA, tns:TXLOEPRIOR_Type/tns:STATUS_DATA, tns:TXPEB_Type/tns:STATUS_DATA, tns:TXPPIN_Type/tns:STATUS_DATA, tns:TXSBER_Type/tns:STATUS_DATA, tns:TXSPIN_Type/tns:STATUS_DATA, tns:TXWBD_Type/tns:STATUS_DATA, tns:TXWEBEAENDN_Type/tns:STATUS_DATA, tns:TXWEBPOBPBE_Type/tns:STATUS_DATA
	Complex Types	tns:STATUS_DATA_ApplicationError_Type, tns:STATUS_DATA_EngineError_Type, tns:STATUS_DATA_EntitlementError_Type, tns:STATUS_DATA_MediumError_Type, tns:STATUS_DATA_OK_Type, tns:STATUS_DATA_PrinterError_Type, tns:STATUS_DATA_ServiceOperatorError_Type, tns:STATUS_DATA_SessionError_Type, tns:STATUS_DATA_SoftwareError_Type
Source	<pre>&lt;xs:complexType name="STATUS_DATA_Type" abstract="true"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Abstrakter Typ fuer STATUS_DATA welcher allgemein verwendet wird. In der     Nachricht wird automatisch der richtige Typ referenziert&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:complexType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Complex Type `tns:STATUS_DATA_OK_Type`

Namespace	http://vdv/ka/pe/2	
Annotations	Uebergeordnete Statusdaten fuer "Kein Fehler aufgetreten"	
Diagram		
Type	extension of <code>tns:STATUS_DATA_Type</code>	
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_OK_Type</li> </ul>	
Model	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT	
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT	
Source	<pre>&lt;xs:complexType name="STATUS_DATA_OK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Kein Fehler aufgetreten"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;       &lt;xs:sequence&gt;</pre>	

	<pre> &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_OK_Type" /&gt; &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_OK_Type" /&gt; &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString" /&gt; &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:STATUS\_DATA\_SessionError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Session Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_SessionError_Type</li> </ul>
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre> &lt;xs:complexType name="STATUS_DATA_SessionError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Session Error"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_SessionError_Type" /&gt;         &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_SessionError_Type" /&gt;         &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:STATUS\_DATA\_EngineError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Engine Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_EngineError_Type</li> </ul>
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre> &lt;xs:complexType name="STATUS_DATA_EngineError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Engine Error"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>



	<pre> &lt;xs:complexContent&gt;   &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_EngineError_Type" /&gt;       &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_EngineError_Type" /&gt;       &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString" /&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:STATUS\_DATA\_MediumError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Medium Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_MediumError_Type</li> </ul>
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre> &lt;xs:complexType name="STATUS_DATA_MediumError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Medium Error"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_MediumError_Type" /&gt;         &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_MediumError_Type" /&gt;         &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:STATUS\_DATA\_ApplicationError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Application Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_ApplicationError_Type</li> </ul>
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre> &lt;xs:complexType name="STATUS_DATA_ApplicationError_Type"&gt; </pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Application Error"&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexContent&gt;   &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ApplicationError_Type"/&gt;       &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ApplicationError_Type"/&gt;       &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:STATUS\_DATA\_EntitlementError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Entitlement Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_EntitlementError_Type</li> </ul>
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre> &lt;xs:complexType name="STATUS_DATA_EntitlementError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Entitlement Error"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_EntitlementError_Type"/&gt;         &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_EntitlementError_Type"/&gt;         &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:STATUS\_DATA\_PrinterError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Printer Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_PrinterError_Type</li> </ul>
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT

Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre> &lt;xs:complexType name="STATUS_DATA_PrinterError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Printer Error"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_PrinterError_Type"/&gt;         &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_PrinterError_Type"/&gt;         &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:STATUS\_DATA\_SoftwareError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Software Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> <li>tns:STATUS_DATA_SoftwareError_Type</li> </ul>
Model	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre> &lt;xs:complexType name="STATUS_DATA_SoftwareError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Software Error"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_SoftwareError_Type"/&gt;         &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_SoftwareError_Type"/&gt;         &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:STATUS\_DATA\_ServiceOperatorError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Service Operator Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:STATUS_DATA_Type</li> </ul>

	<ul style="list-style-type: none"> <li>• tns:STATUS_DATA_ServiceOperatorError_Type</li> </ul>
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<pre>&lt;xs:complexType name="STATUS_DATA_ServiceOperatorError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Uebergeordnete Statusdaten fuer "Service Operator Error"&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:STATUS_DATA_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ServiceOperatorError_Type"/&gt;         &lt;xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ServiceOperatorError_Type"/&gt;         &lt;xs:element name="STATUS_TEXT" type="ion:PrintableString"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:SESSION\_DATA\_Type

Namespace	http://vdv/ka/pe/2	
Annotations	Typ: SESSION_DATA aus Spec_PE	
Diagram		
Used by	Elements	tns:ERROR_Type/tns:SESSION_DATA, tns:TXAENDBER_Type/tns:SESSION_DATA, tns:TXAENDPIN_Type/tns:SESSION_DATA, tns:TXAGBBER_Type/tns:SESSION_DATA, tns:TXAGBKEY_Type/tns:SESSION_DATA, tns:TXAGBKUNDE_Type/tns:SESSION_DATA, tns:TXAGBPINPUC_Type/tns:SESSION_DATA, tns:TXAGBPRIOR_Type/tns:SESSION_DATA, tns:TXANSCHR_Type/tns:SESSION_DATA, tns:TXANTWORT_Type/tns:SESSION_DATA, tns:TXAUFRAG_Type/tns:SESSION_DATA, tns:TXAUTH_Type/tns:SESSION_DATA, tns:TXBGN_Type/tns:SESSION_DATA, tns:TXDRUCK_Type/tns:SESSION_DATA, tns:TXEND_Type/tns:SESSION_DATA, tns:TXLADKEYREG_Type/tns:SESSION_DATA, tns:TXLESAPPROG_Type/tns:SESSION_DATA, tns:TXLESBER_Type/tns:SESSION_DATA, tns:TXLESKEYREG_Type/tns:SESSION_DATA, tns:TXLESKEY_Type/tns:SESSION_DATA, tns:TXLESKUNDE_Type/tns:SESSION_DATA, tns:TXLOEAPPROG_Type/tns:SESSION_DATA, tns:TXLOEBER_Type/tns:SESSION_DATA, tns:TXLOEKEYREG_Type/tns:SESSION_DATA, tns:TXLOEKUNDE_Type/tns:SESSION_DATA, tns:TXLOEPRIOR_Type/tns:SESSION_DATA, tns:TXPEB_Type/tns:SESSION_DATA, tns:TXPPIN_Type/tns:SESSION_DATA, tns:TXSBER_Type/tns:SESSION_DATA, tns:TXSPIN_Type/tns:SESSION_DATA, tns:TXWB-D_Type/tns:SESSION_DATA, tns:TXWEBAENDN_Type/tns:SESSION_DATA, tns:TXWEBPOBPE-B_Type/tns:SESSION_DATA
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION	
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID	
Source	<pre>&lt;xs:complexType name="SESSION_DATA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: SESSION_DATA aus Spec_PE&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="DATE_TIME" type="ct:DateTime"/&gt;     &lt;xs:element name="SES_ID"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:unsignedLong"&gt;           &lt;xs:minInclusive value="0"/&gt;           &lt;xs:maxInclusive value="99999999999999999999"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="ACTION" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="PARAMETER" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="KA_VERSION" type="tns:VersionNumberExtended"/&gt;   &lt;/xs:sequence&gt;</pre>	

	<code>&lt;/xs:complexType&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type `tns:ENGINE_DATA_Type`

Namespace	http://vdv/ka/pe/2
Annotations	Typ: ENGINE_DATA aus Spec_PE
Diagram	
Used by	Elements tns:ERROR_Type/tns:ENGINE_DATA, tns:TXBGN_Type/tns:ENGINE_DATA, tns:TXWB-D_Type/tns:ENGINE_DATA
Model	tns:VENDOR , tns:TYPE , tns:VERSION , tns:FIRMWARE , tns:TERM_TYP_CODE , tns:MAG_COUNT , tns:ACT_MAG , tns:ACT_MAG_NAME , tns:ACT_MAG_CONTENT , tns:PRINTER
Children	tns:ACT_MAG, tns:ACT_MAG_CONTENT, tns:ACT_MAG_NAME, tns:FIRMWARE, tns:MAG_COUNT, tns:PRINTER, tns:TERM_TYP_CODE, tns:TYPE, tns:VENDOR, tns:VERSION
Source	<pre> &lt;xs:complexType name="ENGINE_DATA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: ENGINE_DATA aus Spec_PE&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="VENDOR" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="TYPE" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="VERSION" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="FIRMWARE" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="TERM_TYP_CODE" type="xs:unsignedInt"/&gt;     &lt;xs:element name="MAG_COUNT" type="xs:unsignedInt"/&gt;     &lt;xs:element name="ACT_MAG" type="xs:unsignedInt"/&gt;     &lt;xs:element name="ACT_MAG_NAME" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="ACT_MAG_CONTENT" type="xs:unsignedInt" nillable="true"/&gt;     &lt;xs:element name="PRINTER" type="xs:boolean"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type `tns:Schluesselversionen_Type`

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Datenstruktur Schluesselversionen
Diagram	
Used by	Elements tns:NmApplikationsdaten_Type/tns:Schluesselversionen, tns:NmBerechtigungsdaten_Type/tns:Schluesselversionen
Model	tns:K-PV-KM-MAC , tns:K-KVP-KM-MAC , tns:K-ERF-KM-MAC
Children	tns:K-ERF-KM-MAC, tns:K-KVP-KM-MAC, tns:K-PV-KM-MAC

Source	<pre> &lt;xs:complexType name="Schluesselversionen_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Datenstruktur Schluesselversionen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="K-PV-KM-MAC" type="ct:OctetString1" /&gt;     &lt;xs:element name="K-KVP-KM-MAC" type="ct:OctetString1" /&gt;     &lt;xs:element name="K-ERF-KM-MAC" type="ct:OctetString1" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:SAM\_Transaktion\_ID\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: SAM Transaktions-ID bestehend aus der SAM Sequenznummer und der laufenden Nummer aus der SAM ID.
Diagram	
Used by	Elements tns:NmApplikationsdaten_Type/tns:Ausgabetransaktionskennung, tns:NmBerechtigungsdaten_Type/tns:Ausgabetransaktionskennung, tns:SAM_DATA_Type/tns:samTransaktion_ID
Model	tns:samSequenznummer , tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Source	<pre> &lt;xs:complexType name="SAM_Transaktion_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: SAM Transaktions-ID bestehend aus der SAM Sequenznummer und der laufenden Nummer aus der SAM ID.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="samSequenznummer" type="ct:ReferenceNumberFour" /&gt;     &lt;xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:SAM\_DATA\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: SAM_DATA aus Spec_PE
Diagram	
Used by	Elements tns:TXAENDBER_Type/tns:SAM_DATA, tns:TXAENDPIN_Type/tns:SAM_DATA, tns:TXAGBBER_Type/tns:SAM_DATA, tns:TXAGBKEY_Type/tns:SAM_DATA, tns:TXAGBKUNDE_Type/tns:SAM_DATA, tns:TXAGBPINPUC_Type/tns:SAM_DATA, tns:TXAGBPRIOR_Type/tns:SAM_DATA, tns:TXAUTH_Type/tns:SAM_DATA, tns:TXBGN_Type/tns:SAM_DATA, tns:TXDRUCK_Type/tns:SAM_DATA, tns:TXEND_Type/tns:SAM_DATA, tns:TXLADKEYREG_Type/tns:SAM_DATA, tns:TXLESAPPLOG_Type/tns:SAM_DATA, tns:TXLESBER_Type/tns:SAM_DATA, tns:TXLESKEYREG_Type/tns:SAM_DATA, tns:TXLESKEY_Type/tns:SAM_DATA, tns:TXLESKUNDE_Type/tns:SAM_DATA, tns:TXLOEAPPLOG_Type/tns:SAM_DATA, tns:TXLOEBER_Type/tns:SAM_DATA, tns:TXLOEKEYREG_Type/tns:SAM_DATA, tns:TXLOEKUNDE_Type/tns:SAM_DATA, tns:TXLOEPRIOR_Type/tns:SAM_DATA, tns:TXPEB_Type/tns:SAM_DATA, tns:TXPPIN_Type/tns:SAM_DATA, tns:TXSBER_Type/tns:SAM_DATA, tns:TXSPIN_Type/tns:SAM_DATA, tns:TXWEBAENDN_Type/tns:SAM_DATA, tns:TXWEBPOBPBE_Type/tns:SAM_DATA
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID

Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Source	<pre> &lt;xs:complexType name="SAM_DATA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: SAM_DATA aus Spec_PE&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="samGueltigkeitsbeginn" type="ct:Date" /&gt;     &lt;xs:element name="samVerfalldatum" type="ct:Date" /&gt;     &lt;xs:element name="samOrganisations_ID" type="ka:Organisation_ID" /&gt;     &lt;xs:element name="samTransaktion_ID" type="tns:SAM_Transaktion_ID_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

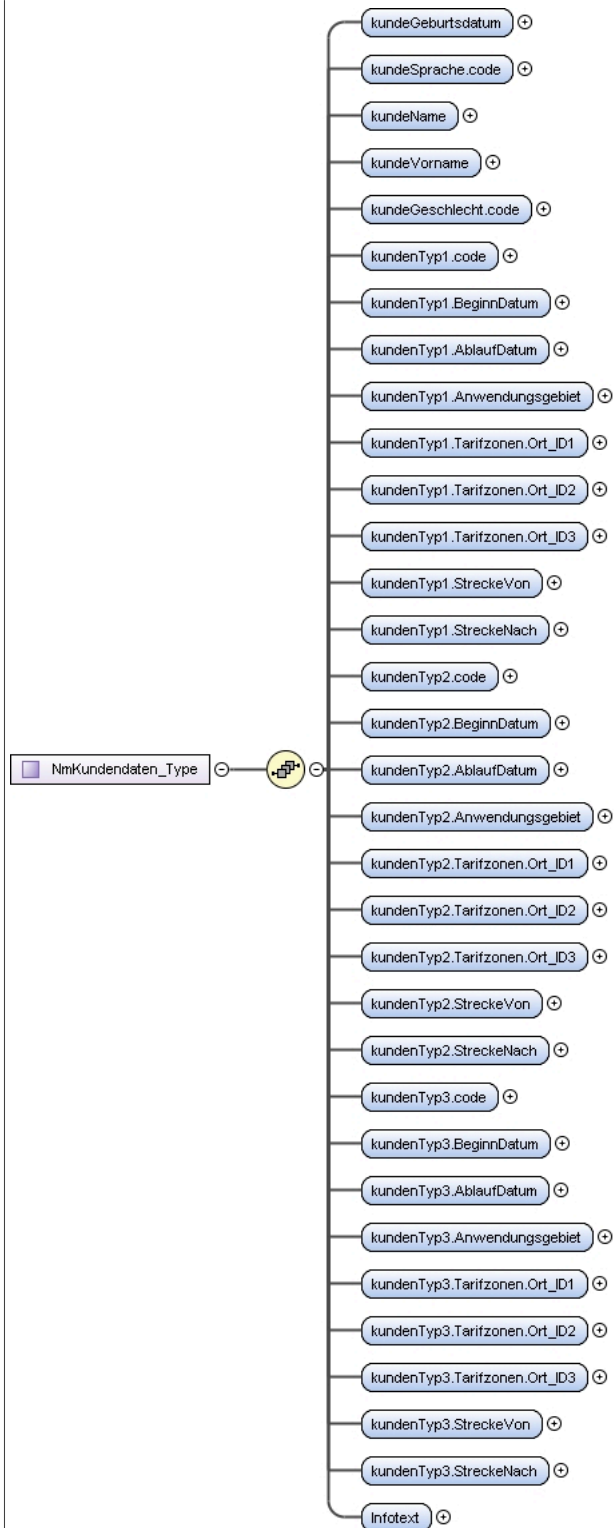
## Complex Type tns:SAM-Schluessel-Info\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: SAM-Schluessel-Info
Diagram	
Used by	Element tns:TXLESKEY_Type/tns:SAM_Schluessel-Info
Model	tns:SAM_ID.samNummer , tns:LoadKey-Zaehler , tns:Schluesselname , tns:Nutzungs-Limit , tns:Nutzungs-Sequenz-Zaehler
Children	tns:LoadKey-Zaehler, tns:Nutzungs-Limit, tns:Nutzungs-Sequenz-Zaehler, tns:SAM_ID.samNummer, tns:Schluesselname
Source	<pre> &lt;xs:complexType name="SAM-Schluessel-Info_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: SAM-Schluessel-Info&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence minOccurs="0" maxOccurs="unbounded"&gt;     &lt;xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree" /&gt;     &lt;xs:element name="LoadKey-Zaehler" type="ct:ReferenceNumberFour" /&gt;     &lt;xs:sequence minOccurs="0" maxOccurs="unbounded"&gt;       &lt;xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type" /&gt;       &lt;xs:element name="Nutzungs-Limit" type="ct:ReferenceNumberFour" /&gt;       &lt;xs:element name="Nutzungs-Sequenz-Zaehler" type="ct:ReferenceNumberFour" /&gt;     &lt;/xs:sequence&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmKundendaten\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmKundendaten

Diagram



Used by Element tns:TXLESKUNDE\_Type/tns:NmKundendaten

Model tns:kundeGeburtsdatum , tns:kundeSprache.code , tns:kundeName , tns:kundeVorname , tns:kundeGeschlecht.code , tns:kundenTyp1.code , tns:kundenTyp1.BeginnDatum , tns:kundenTyp1.AblaufDatum , tns:kundenTyp1.Anwendungsgebiet , tns:kundenTyp1.Tarifzonen.Ort\_ID1 , tns:kundenTyp1.Tarifzonen.Ort\_ID2 , tns:kundenTyp1.Tarifzonen.Ort\_ID3 , tns:kundenTyp1.StreckeVon , tns:kundenTyp1.StreckeNach , tns:kundenTyp2.code , tns:kundenTyp2.BeginnDatum , tns:kundenTyp2.AblaufDatum , tns:kundenTyp2.Anwendungsgebiet , tns:kundenTyp2.Tarifzonen.Ort\_ID1 , tns:kundenTyp2.Tarifzonen.Ort\_ID2 , tns:kundenTyp2.Tarifzonen.Ort\_ID3 , tns:kundenTyp2.StreckeVon , tns:kundenTyp2.StreckeNach , tns:kundenTyp3.code , tns:kundenTyp3.BeginnDatum , tns:kundenTyp3.AblaufDatum , tns:kundenTyp3.Anwendungsgebiet , tns:kundenTyp3.Tarifzonen.Ort\_ID1 , tns:kundenTyp3.Tarifzonen.Ort\_ID2 , tns:kundenTyp3.Tarifzonen.Ort\_ID3 , tns:kundenTyp3.StreckeVon , tns:kundenTyp3.StreckeNach , tns:Infotext



Children	<p>tns:Infotext, tns:kundeGeburtsdatum, tns:kundeGeschlecht.code, tns:kundeName, tns:kundeSprache.code, tns:kundeVorname, tns:kundenTyp1.AblaufDatum, tns:kundenTyp1.Anwendungsgebiet, tns:kundenTyp1.BeginnDatum, tns:kundenTyp1.StreckeNach, tns:kundenTyp1.StreckeVon, tns:kundenTyp1.Tarifzonen.Ort_ID1, tns:kundenTyp1.Tarifzonen.Ort_ID2, tns:kundenTyp1.Tarifzonen.Ort_ID3, tns:kundenTyp2.AblaufDatum, tns:kundenTyp2.Anwendungsgebiet, tns:kundenTyp2.BeginnDatum, tns:kundenTyp2.StreckeNach, tns:kundenTyp2.StreckeVon, tns:kundenTyp2.Tarifzonen.Ort_ID1, tns:kundenTyp2.Tarifzonen.Ort_ID2, tns:kundenTyp2.Tarifzonen.Ort_ID3, tns:kundenTyp2.code, tns:kundenTyp3.AblaufDatum, tns:kundenTyp3.Anwendungsgebiet, tns:kundenTyp3.BeginnDatum, tns:kundenTyp3.StreckeNach, tns:kundenTyp3.StreckeVon, tns:kundenTyp3.Tarifzonen.Ort_ID1, tns:kundenTyp3.Tarifzonen.Ort_ID2, tns:kundenTyp3.Tarifzonen.Ort_ID3, tns:kundenTyp3.code</p>
Source	<pre> &lt;xs:complexType name="NmKundendaten_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:NmKundendaten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="kundeGeburtsdatum" type="ct:Datef"/&gt;     &lt;xs:element name="kundeSprache.code" type="ct:INT1"/&gt;     &lt;xs:element name="kundeName"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="ion:PrintableString"&gt;           &lt;xs:minLength value="0"/&gt;           &lt;xs:maxLength value="40"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="kundeVorname"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="ion:PrintableString"&gt;           &lt;xs:maxLength value="40"/&gt;           &lt;xs:minLength value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;     &lt;xs:element name="kundeGeschlecht.code" type="ct:BitString8"/&gt;     &lt;xs:element name="kundenTyp1.code" type="ct:INT1"/&gt;     &lt;xs:element name="kundenTyp1.BeginnDatum" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="kundenTyp1.AblaufDatum" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="kundenTyp1.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/&gt;     &lt;xs:element name="kundenTyp1.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp1.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp1.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp1.StreckeVon" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp1.StreckeNach" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp2.code" type="ct:INT1"/&gt;     &lt;xs:element name="kundenTyp2.BeginnDatum" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="kundenTyp2.AblaufDatum" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="kundenTyp2.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/&gt;     &lt;xs:element name="kundenTyp2.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp2.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp2.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp2.StreckeVon" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp2.StreckeNach" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp3.code" type="ct:INT1"/&gt;     &lt;xs:element name="kundenTyp3.BeginnDatum" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="kundenTyp3.AblaufDatum" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="kundenTyp3.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/&gt;     &lt;xs:element name="kundenTyp3.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp3.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp3.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp3.StreckeVon" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="kundenTyp3.StreckeNach" type="ion:Ort_ID_Type"/&gt;     &lt;xs:element name="Infotext"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="ion:PrintableString"&gt;           &lt;xs:length value="40" fixed="true"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmVerzeichniseintragAppDaten\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmVerzeichniseintrag Applikationsdaten

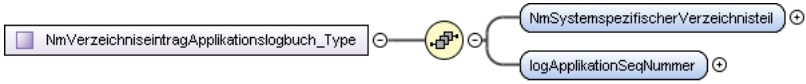
Diagram		
Used by	Element	tns:NmApplikationsverzeichnis_Type/tns:VerzeichniseintragAppDaten
Model	tns:NmSystemspezifischerVerzeichnisteil, tns:appInstanz_ID, tns:appVersion, tns:appGueltigkeitsbeginn, tns:appGueltigkeitsende, tns:appStatus, tns:appSynchronNummer	
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:appGueltigkeitsbeginn, tns:appGueltigkeitsende, tns:appInstanz_ID, tns:appStatus, tns:appSynchronNummer, tns:appVersion	
Source	<pre> &lt;xs:complexType name="NmVerzeichniseintragAppDaten_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmVerzeichniseintrag Applikationsdaten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="NmSystemspezifischerVerzeichnisteil"       type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;     &lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /&gt;     &lt;xs:element name="appVersion" type="tns:VersionNumber" /&gt;     &lt;xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact" /&gt;     &lt;xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact" /&gt;     &lt;xs:element name="appStatus" type="ct:INT1" /&gt;     &lt;xs:element name="appSynchronNummer" type="ct:INT1" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

## Complex Type tns:NmSystemspezifischerVerzeichnisteil\_Type


Namespace	http://vdv/ka/pe/2	
Annotations	Typ: Systemspezifischer Anteil fuer den Verzeichniseintrag im Schluesselregister	
Diagram		
Used by	Elements	tns:NmVerzeichniseintragAppDaten_Type/tns:NmSystemspezifischerVerzeichnisteil, tns:NmVerzeichniseintragApplikationslogbuch_Type/tns:NmSystemspezifischerVerzeichnisteil, tns:NmVerzeichniseintragBerechtigungen_Type/tns:NmSystemspezifischerVerzeichnisteil, tns:NmVerzeichniseintragKunde_Type/tns:NmSystemspezifischerVerzeichnisteil, tns:NmVerzeichniseintragLetzteTransaktion_Type/tns:NmSystemspezifischerVerzeichnisteil, tns:NmVerzeichniseintragSchluesselregister_Type/tns:NmSystemspezifischerVerzeichnisteil
Model	tns:zeigerSeparaterDatenteil	
Children	tns:zeigerSeparaterDatenteil	
Source	<pre> &lt;xs:complexType name="NmSystemspezifischerVerzeichnisteil_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Systemspezifischer Anteil fuer den Verzeichniseintrag im Schluesselregister&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="zeigerSeparaterDatenteil" type="ct:INT1" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

## Complex Type tns:NmVerzeichniseintragApplikationslogbuch\_Type

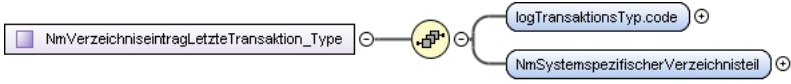
Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmVerzeichniseintrag Applikationslogbuch

Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:VerzeichniseintragAppLogbuch
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:logApplikationSeqNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logApplikationSeqNummer
Source	<pre> &lt;xs:complexType name="NmVerzeichniseintragApplikationslogbuch_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmVerzeichniseintrag Applikationslogbuch&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="NmSystemspezifischerVerzeichnisteil"       type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;     &lt;xs:element name="logApplikationSeqNummer" type="ct:ReferenceNumberTwo" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:NmVerzeichniseintragKunde\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmVerzeichniseintrag Kunde
Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:VerzeichniseintragKunde
Model	tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil
Source	<pre> &lt;xs:complexType name="NmVerzeichniseintragKunde_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmVerzeichniseintrag Kunde&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="NmSystemspezifischerVerzeichnisteil"       type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:NmVerzeichniseintragLetzteTransaktion\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmVerzeichniseintrag Letzte Transaktion
Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:LetzteTransaktion
Model	tns:logTransaktionsTyp.code , tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logTransaktionsTyp.code
Source	<pre> &lt;xs:complexType name="NmVerzeichniseintragLetzteTransaktion_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmVerzeichniseintrag Letzte Transaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="logTransaktionsTyp.code" type="ct:INT1" /&gt;     &lt;xs:element name="NmSystemspezifischerVerzeichnisteil"       type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmVerzeichniseintragPrioritaeten\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmVerzeichniseintrag Prioritaeten
Diagram	<pre> graph LR     Type[NmVerzeichniseintragPrioritaeten_Type] --- Seq[Sequence]     Seq --- berInstanz1     Seq --- berInstanz2     Seq --- berInstanz3     Seq --- berInstanz4     Seq --- berInstanz5     Seq --- berInstanz6     Seq --- berInstanz7     Seq --- berInstanz8     Seq --- berInstanz9     Seq --- berInstanz10     Seq --- berInstanz11     Seq --- berInstanz12     Seq --- berInstanz13     Seq --- berInstanz14     Seq --- berInstanz15     Seq --- berInstanz16 </pre>
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:Prioritaeten
Model	tns:berInstanz1 , tns:berInstanz2 , tns:berInstanz3 , tns:berInstanz4 , tns:berInstanz5 , tns:berInstanz6 , tns:berInstanz7 , tns:berInstanz8 , tns:berInstanz9 , tns:berInstanz10 , tns:berInstanz11 , tns:berInstanz12 , tns:berInstanz13 , tns:berInstanz14 , tns:berInstanz15 , tns:berInstanz16
Children	tns:berInstanz1 , tns:berInstanz10 , tns:berInstanz11 , tns:berInstanz12 , tns:berInstanz13 , tns:berInstanz14 , tns:berInstanz15 , tns:berInstanz16 , tns:berInstanz2 , tns:berInstanz3 , tns:berInstanz4 , tns:berInstanz5 , tns:berInstanz6 , tns:berInstanz7 , tns:berInstanz8 , tns:berInstanz9
Source	<pre> &lt;xs:complexType name="NmVerzeichniseintragPrioritaeten_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmVerzeichniseintrag Prioritaeten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="berInstanz1" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz2" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz3" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz4" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz5" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz6" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz7" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz8" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz9" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz10" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz11" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz12" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz13" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz14" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz15" type="ct:INT1"/&gt;     &lt;xs:element name="berInstanz16" type="ct:INT1"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmVerzeichniseintragBerechtigungen\_Type

Namespace	http://vdv/ka/pe/2
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Annotations	Typ: NmVerzeichniseintrag Berechtigungen
Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:VerzeichniseintragBerDaten
Model	tns:NmSystemspezifischerVerzeichnisteil, tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:prodKeyOrganisation_ID, tns:berGueltigkeitsbeginn, tns:berGueltigkeitsende, tns:berStatus, tns:berSynchronNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:berBerechtigung_ID, tns:berGueltigkeitsbeginn, tns:berGueltigkeitsende, tns:berStatus, tns:berSynchronNummer, tns:prodKeyOrganisation_ID, tns:prodProdukt_ID
Source	<pre> &lt;xs:complexType name="NmVerzeichniseintragBerechtigungen_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmVerzeichniseintrag Berechtigungen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="NmSystemspezifischerVerzeichnisteil"       type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;     &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /&gt;     &lt;xs:element name="prodProdukt_ID" type="ion:EFMPprodukt_ID_Type" /&gt;     &lt;xs:element name="prodKeyOrganisation_ID" type="ct:ReferenceNumberTwo" /&gt;     &lt;xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact" /&gt;     &lt;xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact" /&gt;     &lt;xs:element name="berStatus" type="ct:INT1" /&gt;     &lt;xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmApplikationsverzeichnis\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmApplikationsverzeichnis
Diagram	
Used by	Elements tns:TXANTWORT_Type/tns:NmApplikationsverzeichnis, tns:TXBGN_Type/tns:NmApplikationsverzeichnis, tns:TXLESBER_Type/tns:NmApplikationsverzeichnis
Model	tns:VerzeichniseintragAppDaten, tns:VerzeichniseintragAppLogbuch, tns:VerzeichniseintragKunde, tns:VerzeichniseintragSchluesselregister{0,1}, tns:LetzteTransaktion, tns:Prioritaeten, tns:VerzeichniseintragBerDaten
Children	tns:LetzteTransaktion, tns:Prioritaeten, tns:VerzeichniseintragAppDaten, tns:VerzeichniseintragAppLogbuch, tns:VerzeichniseintragBerDaten, tns:VerzeichniseintragKunde, tns:VerzeichniseintragSchluesselregister
Source	<pre> &lt;xs:complexType name="NmApplikationsverzeichnis_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmApplikationsverzeichnis&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="VerzeichniseintragAppDaten" type="tns:VerzeichniseintragAppDaten_Type" /&gt;     &lt;xs:element name="VerzeichniseintragAppLogbuch" type="tns:VerzeichniseintragAppLogbuch_Type" /&gt;     &lt;xs:element name="VerzeichniseintragKunde" type="tns:VerzeichniseintragKunde_Type" /&gt;     &lt;xs:element name="VerzeichniseintragSchluesselregister" type="tns:VerzeichniseintragSchluesselregister_Type" /&gt;     &lt;xs:element name="LetzteTransaktion" type="tns:LetzteTransaktion_Type" /&gt;     &lt;xs:element name="Prioritaeten" type="tns:Prioritaeten_Type" /&gt;     &lt;xs:choice base="tns:VerzeichniseintragBerDaten_Type" maxOccurs="16"&gt;       &lt;xs:element name="VerzeichniseintragBerDaten" type="tns:VerzeichniseintragBerDaten_Type" /&gt;     &lt;/xs:choice&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

	<pre> &lt;xs:element name="VerzeichniseintragAppDaten" type="tns:NmVerzeichniseintragAppDaten_Type" /&gt; &lt;xs:element name="VerzeichniseintragAppLogbuch" type="tns:NmVerzeichniseintragApplikationslogbuch_Type" /&gt; &lt;xs:element name="VerzeichniseintragKunde" type="tns:NmVerzeichniseintragKunde_Type" /&gt; &lt;xs:element name="VerzeichniseintragSchluesselregister" type="tns:NmVerzeichniseintragSchluesselregister_Type" minOccurs="0"/&gt; &lt;xs:element name="LetzteTransaktion" type="tns:NmVerzeichniseintragLetzteTransaktion_Type" /&gt; &lt;xs:element name="Prioritaeten" type="tns:NmVerzeichniseintragPrioritaeten_Type" /&gt; &lt;xs:sequence minOccurs="0" maxOccurs="16"&gt;   &lt;xs:element name="VerzeichniseintragBerDaten" type="tns:NmVerzeichniseintragBerechtigungen_Type" /&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmVerzeichniseintragSchluesselregister\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Verzeichniseintrag fuer das Schluesselregister
Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:VerzeichniseintragSchluesselregister
Model	tns:NmSystemspezifischerVerzeichnisteil, tns:Org_ID_Hersteller, tns:NM-Spezifikationsversion, tns:Herstellerversion, tns:appInstanz_ID, tns:Zufallszahl, tns:RFU1, tns:RFU2
Children	tns:Herstellerversion, tns:NM-Spezifikationsversion, tns:NmSystemspezifischerVerzeichnisteil, tns:Org_ID_Hersteller, tns:RFU1, tns:RFU2, tns:Zufallszahl, tns:appInstanz_ID
Source	<pre> &lt;xs:complexType name="NmVerzeichniseintragSchluesselregister_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Verzeichniseintrag fuer das Schluesselregister&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type" /&gt;     &lt;xs:element name="Org_ID_Hersteller" type="ka:Organisation_ID" /&gt;     &lt;xs:element name="NM-Spezifikationsversion" type="tns:VersionNumberExtended" /&gt;     &lt;xs:element name="Herstellerversion" type="ct:OctetString4" /&gt;     &lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /&gt;     &lt;xs:element name="Zufallszahl" type="ct:OctetString4" /&gt;     &lt;xs:element name="RFU1" type="ct:OctetString1" /&gt;     &lt;xs:element name="RFU2" type="ct:OctetString1" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmApplikationslogbuch\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmApplikationslogbuch Daten
Diagram	
Used by	Element tns:TXLESAPPLOG_Type/tns:NmApplikationsLogbuch
Model	tns:Transaktionsdatensatz
Children	tns:Transaktionsdatensatz

Source	<pre> &lt;xs:complexType name="NmApplikationslogbuch_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmApplikationslogbuch Daten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence minOccurs="0" maxOccurs="20"&gt;     &lt;xs:element name="Transaktionsdatensatz" type="ion:Transaktionsdatensatz_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmApplikationsdaten\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmApplikationsdaten
Diagram	
Used by	Element tns:TXLESBER_Type/tns:NmApplikationsDaten
Model	tns:LetzteTransaktion , tns:Schluesselversionen , tns:Ausgabetransaktionskennung , tns:Infotext
Children	tns:Ausgabetransaktionskennung, tns:Infotext, tns:LetzteTransaktion, tns:Schluesselversionen
Source	<pre> &lt;xs:complexType name="NmApplikationsdaten_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmApplikationsdaten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type" /&gt;     &lt;xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type" /&gt;     &lt;xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type" /&gt;     &lt;xs:element name="Infotext"&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="ion:PrintableString"&gt;           &lt;xs:length value="40" fixed="true" /&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:NmBerechtigungsdaten\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmBerechtigungsdaten
Diagram	
Used by	Element tns:TXLESBER_Type/tns:NmBerechtigungsDaten
Model	tns:berechtigungTarifbereich , tns:LetzteTransaktion , tns:Schluesselversionen , tns:Ausgabetransaktionskennung , tns:Infotext
Children	tns:Ausgabetransaktionskennung, tns:Infotext, tns:LetzteTransaktion, tns:Schluesselversionen, tns:berechtigungTarifbereich
Source	<pre> &lt;xs:complexType name="NmBerechtigungsdaten_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: NmBerechtigungsdaten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="berechtigungTarifbereich" type="xs:hexBinary" /&gt;     &lt;xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>



	<pre> &lt;xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type" /&gt; &lt;xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type" /&gt; &lt;xs:element name="Infotext"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="ion:PrintableString"&gt;       &lt;xs:minLength value="0" /&gt;       &lt;xs:maxLength value="40" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:Schluesselregister\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Schluesselregister fuer Schluesselnamen (Schluessel-ID)
Diagram	
Used by	Element tns:TXLESKEYREG_Type/tns:Schluesselregister
Model	tns:Schluesselname*
Children	tns:Schluesselname
Source	<pre> &lt;xs:complexType name="Schluesselregister_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Schluesselregister fuer Schluesselnamen (Schluessel-ID)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXWBD\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Wer bist Du (Abfrage von Informationen)
Diagram	
Used by	Element tns:TXWBD
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXWBD_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Wer bist Du (Abfrage von Informationen)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXAUTH\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Authentisierung



Diagram	
Used by	Element tns:TXAUTH
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXAUTH_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Authentisierung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXBGN\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Beginn einer Session
Diagram	
Used by	Element tns:TXBGN
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:NmApplikationsverzeichnis{0,1}
Children	tns:ENGINE_DATA, tns:NmApplikationsverzeichnis, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXBGN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Beginn einer Session&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type"       minOccurs="0" maxOccurs="1" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXLADKEYREG\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Schluessel in Schluesselregister laden
Diagram	
Used by	Element tns:TXLADKEYREG
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Source	<pre> &lt;xs:complexType name="TXLADKEYREG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Schluessel in Schluesselregister laden&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLOEKEYREG\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Loeschen eines Schluessels im Schluesselregister oder Register loeschen
Diagram	
Used by	Element tns:TXLOEKEYREG
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXLOEKEYREG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Loeschen eines Schluessels im Schluesselregister oder Register loeschen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLESKEYREG\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Schluesselregister auslesen
Diagram	
Used by	Element tns:TXLESKEYREG
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:Schluesselregister{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:Schluesselregister
Source	<pre> &lt;xs:complexType name="TXLESKEYREG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Schluesselregister auslesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:element name="Schluesselregister" type="tns:Schluesselregister_Type" minOccurs="0" maxOccurs="1" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXEND\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Ende einer Session
Diagram	
Used by	Element tns:TXEND
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXEND_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ende einer Session&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLESAPPROG\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Applikationslogbuch lesen
Diagram	
Used by	Element tns:TXLESAPPROG
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmApplikationsLogbuch{0,1}
Children	tns:NmApplikationsLogbuch, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXLESAPPROG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Applikationslogbuch lesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:element name="NmApplikationsLogbuch" type="tns:NmApplikationslogbuch_Type" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLOEAPPROG\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Applikationslogbuch loeschen
Diagram	
Used by	Element tns:TXLOEAPPROG
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA

Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre>&lt;xs:complexType name="TXLOEAPPLLOG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Applikationslogbuch loeschen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXAGBKUNDE\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Kundendaten ausgeben
Diagram	
Used by	Element tns:TXAGBKUNDE
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre>&lt;xs:complexType name="TXAGBKUNDE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Kundendaten ausgeben&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLESKUNDE\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Kundendaten lesen
Diagram	
Used by	Element tns:TXLESKUNDE
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmKundendaten {0,1}
Children	tns:NmKundendaten, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre>&lt;xs:complexType name="TXLESKUNDE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Kundendaten lesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/&gt;     &lt;xs:element name="NmKundendaten" type="tns:NmKundendaten_Type" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLOEKUNDE\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Kundendaten loeschen
Diagram	
Used by	Element tns:TXLOEKUNDE
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXLOEKUNDE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Kundendaten loeschen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXAGBPRIOR\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Prioritaeten setzen
Diagram	
Used by	Element tns:TXAGBPRIOR
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXAGBPRIOR_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Prioritaeten setzen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLOEPRIOR\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Prioritaeten loeschen
Diagram	
Used by	Element tns:TXLOEPRIOR
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXLOEPRIOR_Type"&gt; </pre>

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Typ: Prioritaeten loeschen&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt;   &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;   &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;   &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXAGBPINPUC\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN/PUC initialisieren
Diagram	
Used by	Element tns:TXAGBPINPUC
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXAGBPINPUC_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: PIN/PUC initialisieren&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXPPIN\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN pruefen
Diagram	
Used by	Element tns:TXPPIN
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXPPIN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: PIN pruefen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXAENDPIN\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN aendern

Diagram	
Used by	Element tns:TXAENDPIN
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXAENDPIN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: PIN aendern&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXSPIN\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN entsperren
Diagram	
Used by	Element tns:TXSPIN
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXSPIN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: PIN entsperren&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXDRUCK\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Nutzermedium bedrucken
Diagram	
Used by	Element tns:TXDRUCK
Model	tns:SESSION_DATA , tns:SAM_DATA {0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXDRUCK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Nutzermedium bedrucken&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt; </pre>

	<pre> &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt; &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXWEBAENDN\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: WEB aufbuchen/NTP aendern
Diagram	
Used by	Element tns:TXWEBAENDN
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXEBER   tns:TXAENBER) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAENBER, tns:TXEBER, tns:TXTRANSABBRUCH
Source	<pre> &lt;xs:complexType name="TXWEBAENDN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: WEB aufbuchen/NTP aendern&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:choice minOccurs="0"&gt;       &lt;xs:element ref="kvp-dl-pv:TXEBER" /&gt;       &lt;xs:element ref="kvp-dl-pv:TXAENBER" /&gt;     &lt;/xs:choice&gt;     &lt;xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXSBER\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Berechtigung sperren/entsperren
Diagram	
Used by	Element tns:TXSBER
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXSNAWA   tns:TXSNAWB) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXSNAWA, tns:TXSNAWB, tns:TXTRANSABBRUCH
Source	<pre> &lt;xs:complexType name="TXSBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Berechtigung sperren/entsperren&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt; </pre>



	<pre> &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt; &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt; &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt; &lt;xs:choice minOccurs="0"&gt;   &lt;xs:element ref="ion:TXSNAWA" /&gt;   &lt;xs:element ref="ion:TXSNAWB" /&gt; &lt;/xs:choice&gt; &lt;xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" /&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXAGBBER\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Berechtigung ausgeben
Diagram	
Used by	Element tns:TXAGBBER
Model	tns:SESSION_DATA, tns:SAM_DATA{0,1}, tns:STATUS_DATA, (ah:TXAA   tns:TXABER   tns:TXAMBER), tns:TXTRANSABBRUCH{0,1}
Children	ah:TXAA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXABER, tns:TXAMBER, tns:TXTRANSABBRUCH
Source	<pre> &lt;xs:complexType name="TXAGBBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Berechtigung ausgeben&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:choice minOccurs="0" maxOccurs="1"&gt;       &lt;xs:element ref="ah:TXAA" /&gt;       &lt;xs:element ref="kvp-dl-pv:TXABER" /&gt;       &lt;xs:element ref="kvp-dl-pv:TXAMBER" /&gt;     &lt;/xs:choice&gt;     &lt;xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Complex Type tns:TXLOEBER\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Berechtigung zuruecknehmen
Diagram	

Used by	Element tns:TXLOEBER
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXRA   tns:TXRBER   tns:TXRMBER) , tns:TXTRANSABBRUCH{0,1}
Children	ah:TXRA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXRBER, tns:TXRMBER, tns:TXTRANSABBRUCH
Source	<pre>&lt;xs:complexType name="TXLOEBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Berechtigung zuruecknehmen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:choice minOccurs="0" maxOccurs="1"&gt;       &lt;xs:element ref="ah:TXRA" /&gt;       &lt;xs:element ref="kvp-dl-pv:TXRBER" /&gt;       &lt;xs:element ref="kvp-dl-pv:TXRMBER" /&gt;     &lt;/xs:choice&gt;     &lt;xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXWEBPOBPB\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: WEB/POB/PEB-Konto aufbuchen/abbuchen. Deprecated: Bitte TXBEWEB und TXBEPOBPB aus der Erweiterung 1.7.0 verwenden. Dieser Typ wird mit KA Release 3.0 entfernt.
Diagram	
Used by	Element tns:TXWEBPOBPB
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXBEKOKVP   tns:TXBEWEBKVP) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEKOKVP, tns:TXBEWEBKVP, tns:TXTRANSABBRUCH
Source	<pre>&lt;xs:complexType name="TXWEBPOBPB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: WEB/POB/PEB-Konto aufbuchen/abbuchen. Deprecated: Bitte TXBEWEB und TXBEPOBPB aus der Erweiterung 1.7.0 verwenden. Dieser Typ wird mit KA Release 3.0 entfernt.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:choice minOccurs="0"&gt;       &lt;xs:element ref="kvp-dl-pv:TXBEKOKVP" /&gt;       &lt;xs:element ref="kvp-dl-pv:TXBEWEBKVP" /&gt;     &lt;/xs:choice&gt;     &lt;xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXPEB\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: PEB-Konto aufladen

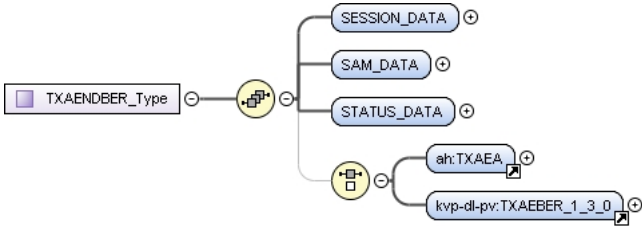
Diagram	
Used by	Element tns:TXPEB
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXLPEB{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXLPEB, tns:TXTRANSABBRUCH
Source	<pre> &lt;xs:complexType name="TXPEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: PEB-Konto aufladen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:element ref="kvp-dl-pv:TXLPEB" minOccurs="0" /&gt;     &lt;xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLPEB\_Type

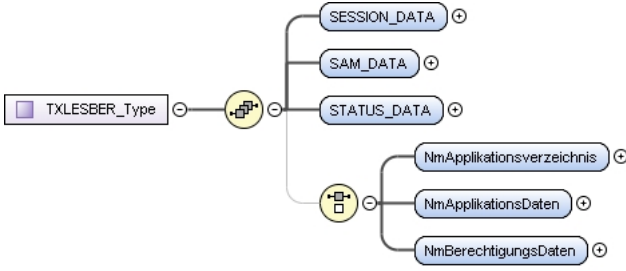
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Laden eines PEB-Kontos, Antwortstruktur
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXLPEB_Type</li> </ul>
Used by	Element tns:TXLPEB
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase
Source	<pre> &lt;xs:complexType name="TXLPEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Laden eines PEB-Kontos, Antwortstruktur&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="einzahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type" /&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXAENDBER\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Berechtigung aendern

Diagram	
Used by	Element tns:TXAENDERB
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXAEA   tns:TXAEBER_1_3_0)
Children	ah:TXAEA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAEBER_1_3_0
Source	<pre> &lt;xs:complexType name="TXAENDERB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Berechtigung aendern&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:choice minOccurs="0"&gt;       &lt;xs:element ref="ah:TXAEA" /&gt;       &lt;xs:element ref="kvp-dl-pv:TXAEBER_1_3_0" /&gt;     &lt;/xs:choice&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLESBER\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Berechtigung auslesen
Diagram	
Used by	Element tns:TXLESBER
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:NmApplikationsverzeichnis   tns:NmApplikationsDaten   tns:NmBerechtigungsDaten)
Children	tns:NmApplikationsDaten, tns:NmApplikationsverzeichnis, tns:NmBerechtigungsDaten, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXLESBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Berechtigung auslesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:choice minOccurs="0"&gt;       &lt;xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type" /&gt;       &lt;xs:element name="NmApplikationsDaten" type="tns:NmApplikationsdaten_Type" /&gt;       &lt;xs:element name="NmBerechtigungsDaten" type="tns:NmBerechtigungsdaten_Type" /&gt;     &lt;/xs:choice&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXAGBKEY\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: LoadKey ausfuehren
Diagram	
Used by	Element tns:TXAGBKEY
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXAGBKEY_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: LoadKey ausfuehren&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXLESKEY\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: LoadKey-Zaehler auslesen
Diagram	
Used by	Element tns:TXLESKEY
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:SAM_Schluesel-Info{0,1}
Children	tns:SAM_DATA, tns:SAM_Schluesel-Info, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="TXLESKEY_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: LoadKey-Zaehler auslesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:element name="SAM_Schluesel-Info" type="tns:SAM_Schluesel-Info_Type" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXAUFTRAG\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Auftragsdaten uebermitteln
Diagram	
Used by	Element tns:TXAUFTRAG
Model	tns:SESSION_DATA , tns:STATUS_DATA

Children	tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre>&lt;xs:complexType name="TXAUFTRAG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Auftragsdaten uebermitteln&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXANSCHR\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Anschreibendaten uebermitteln
Diagram	
Used by	Element tns:TXANSCHR
Model	tns:SESSION_DATA , tns:STATUS_DATA
Children	tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre>&lt;xs:complexType name="TXANSCHR_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Anschreibendaten uebermitteln&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:TXANTWORT\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Antwortdaten abfragen
Diagram	
Used by	Element tns:TXANTWORT
Model	tns:SESSION_DATA , tns:STATUS_DATA , tns:SUB_SES_ID , tns:NmApplikationsverzeichnis , ah:TXAA , tns:TXABER{0,16} , tns:TXTRANSABBRUCH*
Children	ah:TXAA, tns:NmApplikationsverzeichnis, tns:SESSION_DATA, tns:STATUS_DATA, tns:SUB_SES_ID, tns:TXABER, tns:TXTRANSABBRUCH
Source	<pre>&lt;xs:complexType name="TXANTWORT_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Antwortdaten abfragen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type" /&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type" /&gt;     &lt;xs:sequence minOccurs="1" maxOccurs="unbounded"&gt;       &lt;xs:element name="SUB_SES_ID"&gt;</pre>

	<pre> &lt;xs:simpleType&gt;   &lt;xs:restriction base="xs:unsignedInt"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="999999"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; &lt;/xs:element&gt; &lt;xs:sequence&gt;   &lt;xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type"/&gt;   &lt;xs:element ref="ah:TXAA"/&gt;   &lt;xs:element ref="kvp-dl-pv:TXABER" minOccurs="0" maxOccurs="16"/&gt;   &lt;xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" maxOccurs="unbounded"/&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Complex Type tns:ERROR\_Type


Namespace	http://vdv/ka/pe/2
Annotations	Typ: Ersatzstruktur zur Fehlerausgabe
Diagram	
Used by	Element tns:ERROR
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<pre> &lt;xs:complexType name="ERROR_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ersatzstruktur zur Fehlerausgabe&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/&gt;     &lt;xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/&gt;     &lt;xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

## Simple Type(s)


### Simple Type tns:VersionNumber

Namespace	http://vdv/ka/pe/2				
Diagram					
Type	tns:BitString8				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string             <ul style="list-style-type: none"> <li>tns:BitString8                 <ul style="list-style-type: none"> <li>tns:VersionNumber</li> </ul> </li> </ul> </li> </ul>				
Facets	<table> <tr> <td>length</td><td>8</td></tr> <tr> <td>pattern</td><td>[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]</td></tr> </table>	length	8	pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]
length	8				
pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]				
Used by	Element tns:NmVerzeichniseintragAppDaten_Type/tns:appVersion				
Source	<pre> &lt;xs:simpleType name="VersionNumber"&gt;   &lt;xs:restriction base="ct:BitString8"/&gt; &lt;/xs:simpleType&gt; </pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd				

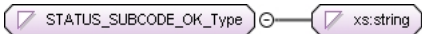
## Simple Type `tns:VersionNumberExtended`

Namespace	http://vdv/ka/pe/2						
Diagram							
Type	tns:BitString16						
Type hierarchy	<ul style="list-style-type: none"><li>• xs:string<ul style="list-style-type: none"><li>• tns:BitString16<ul style="list-style-type: none"><li>• tns:VersionNumberExtended</li></ul></li></ul></li></ul>						
Facets	<table><tr><td>length</td><td>16</td></tr><tr><td>pattern</td><td><div>[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]</div></td></tr></table>			length	16	pattern	<div>[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]</div>
length	16						
pattern	<div>[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]</div>						
Used by	Elements	tns:NmVerzeichniseintragSchluesselregister_Type/tns:NM-Spezifikationsversion, tns:SESSION_DATA_Type/tns:KA_VERSION					
Source	<pre>&lt;xs:simpleType name="VersionNumberExtended"&gt;   &lt;xs:restriction base="ct:BitString16"/&gt; &lt;/xs:simpleType&gt;</pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

## Simple Type `tns:STATUS_CODE_OK_Type`

Namespace	http://vdv/ka/pe/2								
Annotations	Kein Fehler aufgetreten								
Diagram									
Type	restriction of tns:INT1								
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:STATUS_CODE_OK_Type</li></ul></li></ul></li></ul>								
Facets	<table><tr><td>maxInclusive</td><td>255</td></tr><tr><td>minInclusive</td><td>0</td></tr><tr><td>enumeration</td><td>0</td></tr></table>			maxInclusive	255	minInclusive	0	enumeration	0
maxInclusive	255								
minInclusive	0								
enumeration	0								
Used by	<table><tr><td>Element</td><td>tns:STATUS_DATA_OK_Type/tns:STATUS_CODE</td></tr></table>			Element	tns:STATUS_DATA_OK_Type/tns:STATUS_CODE				
Element	tns:STATUS_DATA_OK_Type/tns:STATUS_CODE								
Source	<pre>&lt;xs:simpleType name="STATUS_CODE_OK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Kein Fehler aufgetreten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>								
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd								

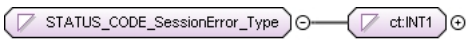
## Simple Type `tns:STATUS_SUBCODE_OK_Type`

Namespace	http://vdv/ka/pe/2		
Annotations	Subcodes fuer den Statuscode 0		
Diagram			
Type	restriction of xs:string		
Facets	length	4	
	enumeration	0000 Kein Fehler aufgetreten	
	pattern	[0-9][0-9][0-9][0-9]	

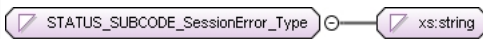


Used by	Element tns:STATUS_DATA_OK_Type/tns:STATUS_SUBCODE
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_OK_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 0&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Kein Fehler aufgetreten&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Simple Type tns:STATUS\_CODE\_SessionError\_Type

Namespace	http://vdv/ka/pe/2						
Annotations	Session Error						
Diagram							
Type	restriction of tns:INT1						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:STATUS_CODE_SessionError_Type</li> </ul>						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>1</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	1
maxInclusive	255						
minInclusive	0						
enumeration	1						
Used by	Element tns:STATUS_DATA_SessionError_Type/tns:STATUS_CODE						
Source	<pre>&lt;xs:simpleType name="STATUS_CODE_SessionError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Session Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="1"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Simple Type tns:STATUS\_SUBCODE\_SessionError\_Type

Namespace	http://vdv/ka/pe/2		
Annotations	Subcodes fuer den Statuscode 1		
Diagram			
Type	restriction of xs:string		
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht authentifiziert
	enumeration	0002	Benutzer/Kennwort-Kombination unbekannt
	enumeration	0003	Unbekannte Transaktion
	enumeration	0004	Parameterfehler
	enumeration	0005	Falsche Transaktionsreihenfolge
	enumeration	0006	Session besetzt
	enumeration	0007	Timeout

	enumeration	0008	Transaktion nicht unterstuetzt
	pattern	[0-9][0-9][0-9][0-9]	
Used by	Element	tns:STATUS_DATA_SessionError_Type/tns:STATUS_SUBCODE	
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_SessionError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 1&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht authentifiziert&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0002"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Benutzer/Kennwort-Kombination unbekannt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0003"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Unbekannte Transaktion&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0004"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Parameterfehler&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0005"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Falsche Transaktionsreihenfolge&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0006"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Session besetzt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0007"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Timeout&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0008"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Transaktion nicht unterstuetzt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Simple Type tns:STATUS\_CODE\_EngineError\_Type

Namespace	http://vdv/ka/pe/2				
Annotations	Engine Error				
Diagram					
Type	restriction of tns:INT1				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT1                 <ul style="list-style-type: none"> <li>tns:STATUS_CODE_EngineError_Type</li> </ul> </li> </ul> </li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				


	enumeration	2
Used by	Element	tns:STATUS_DATA_EngineError_Type/tns:STATUS_CODE
Source	<pre>&lt;xs:simpleType name="STATUS_CODE_EngineError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Engine Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="2"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

### Simple Type tns:STATUS\_SUBCODE\_EngineError\_Type

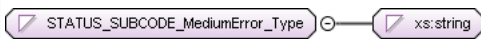
Namespace	http://vdv/ka/pe/2	
Annotations	Subcodes fuer den Statuscode 2	
Diagram	<pre>graph LR     A[STATUS_SUBCODE_EngineError_Type] --- B[xs:string]</pre>	
Type	restriction of xs:string	
Facets	length	4
	enumeration	0000 Sonstiges
	enumeration	0001 nicht autorisiert
	enumeration	0002 nicht bereit
	enumeration	0003 Magazinfehler oder nicht bereit
	enumeration	0004 SAM nicht vorhanden oder nicht bereit
	enumeration	0005 Nicht gegenueber SAM authentifiziert
	enumeration	0006 Alle SAMs ausgelastet
	pattern	[0-9][0-9][0-9][0-9]
Used by	Element	tns:STATUS_DATA_EngineError_Type/tns:STATUS_SUBCODE
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_EngineError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 2&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht autorisiert&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0002"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht bereit&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0003"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Magazinfehler oder nicht bereit&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0004"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;SAM nicht vorhanden oder nicht bereit&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0005"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Nicht gegenueber SAM authentifiziert&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0006"&gt;       &lt;xs:annotation&gt; </pre>	

	<pre> &lt;xs:documentation&gt;Alle SAMs ausgelastet&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Simple Type `tns:STATUS_CODE_MediumError_Type`

Namespace	http://vdv/ka/pe/2						
Annotations	Medium Error						
Diagram							
Type	restriction of <code>tns:INT1</code>						
Type hierarchy	<ul style="list-style-type: none"> <li><code>xs:unsignedInt</code> <ul style="list-style-type: none"> <li><code>tns:INT1</code> <ul style="list-style-type: none"> <li><code>tns:STATUS_CODE_MediumError_Type</code></li> </ul> </li> </ul> </li> </ul>						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>3</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	3
maxInclusive	255						
minInclusive	0						
enumeration	3						
Used by	Element <code>tns:STATUS_DATA_MediumError_Type/tns:STATUS_CODE</code>						
Source	<pre> &lt;xs:simpleType name="STATUS_CODE_MediumError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Medium Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="3"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Simple Type `tns:STATUS_SUBCODE_MediumError_Type`

Namespace	http://vdv/ka/pe/2																										
Annotations	Subcodes fuer den Statuscode 3																										
Diagram																											
Type	restriction of xs:string																										
Facets	<table><tr><td>length</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>0000</td><td>Sonstiges</td></tr><tr><td>enumeration</td><td>0001</td><td>nicht autorisiert</td></tr><tr><td>enumeration</td><td>0002</td><td>Medium nicht lesbar</td></tr><tr><td>enumeration</td><td>0003</td><td>Keine Applikation auf dem Medium</td></tr><tr><td>enumeration</td><td>0004</td><td>Medium nicht beschreibbar</td></tr><tr><td>enumeration</td><td>0005</td><td>Transaktion abgebrochen</td></tr><tr><td>pattern</td><td colspan="2">[0-9][0-9][0-9][0-9]</td></tr></table>			length	4		enumeration	0000	Sonstiges	enumeration	0001	nicht autorisiert	enumeration	0002	Medium nicht lesbar	enumeration	0003	Keine Applikation auf dem Medium	enumeration	0004	Medium nicht beschreibbar	enumeration	0005	Transaktion abgebrochen	pattern	[0-9][0-9][0-9][0-9]	
length	4																										
enumeration	0000	Sonstiges																									
enumeration	0001	nicht autorisiert																									
enumeration	0002	Medium nicht lesbar																									
enumeration	0003	Keine Applikation auf dem Medium																									
enumeration	0004	Medium nicht beschreibbar																									
enumeration	0005	Transaktion abgebrochen																									
pattern	[0-9][0-9][0-9][0-9]																										
Used by	Element	tns:STATUS_DATA_MediumError_Type/tns:STATUS_SUBCODE																									
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_MediumError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 3&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>																										

	<pre> &lt;xs:enumeration value="0001"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;nicht autorisiert&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="0002"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Medium nicht lesbar&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="0003"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Keine Applikation auf dem Medium&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="0004"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Medium nicht beschreibbar&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="0005"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Transaktion abgebrochen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Simple Type `tns:STATUS_CODE_ApplicationError_Type`

Namespace	http://vdv/ka/pe/2						
Annotations	Application Error						
Diagram							
Type	restriction of <code>tns:INT1</code>						
Type hierarchy	<ul style="list-style-type: none"> <li><code>xs:unsignedInt</code> <ul style="list-style-type: none"> <li><code>tns:INT1</code> <ul style="list-style-type: none"> <li><code>tns:STATUS_CODE_ApplicationError_Type</code></li> </ul> </li> </ul> </li> </ul>						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>4</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	4
maxInclusive	255						
minInclusive	0						
enumeration	4						
Used by	Element <code>tns:STATUS_DATA_ApplicationError_Type/tns:STATUS_CODE</code>						
Source	<pre> &lt;xs:simpleType name="STATUS_CODE_ApplicationError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Application Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="4"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						


### Simple Type `tns:STATUS_SUBCODE_ApplicationError_Type`

Namespace	http://vdv/ka/pe/2		
Annotations	Subcodes fuer den Statuscode 4		
Diagram			
Type	restriction of xs:string		
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	Lesen nicht moeglich

	enumeration	0003	Schreiben nicht moeglich
	enumeration	0004	PIN/PUC falsch
	enumeration	0005	Schluesselregister voll
	enumeration	0006	Schluesselreferenz in Schluesselregister bereits vorhanden
	enumeration	0007	Schluesselreferenz fuer Schluesselregister nicht vorhanden
	enumeration	0008	Schluesselreferenz in Schluesselregister nicht vorhanden
	pattern	[0-9][0-9][0-9][0-9]	
Used by	Element	tns:STATUS_DATA_ApplicationError_Type/tns:STATUS_SUBCODE	
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_ApplicationError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 4&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht autorisiert&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0002"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Lesen nicht moeglich&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0003"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Schreiben nicht moeglich&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0004"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;PIN/PUC falsch&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0005"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Schluesselregister voll&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0006"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Schluesselreferenz in Schluesselregister bereits vorhanden&lt;/ xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0007"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Schluesselreferenz fuer Schluesselregister nicht vorhanden&lt;/ xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0008"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Schluesselreferenz in Schluesselregister nicht vorhanden&lt;/ xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		
Schema loca- tion	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/rela- tive/ka/pe/2/XML-Schema_PE.xsd		

## Simple Type tns:STATUS\_CODE\_EntitlementError\_Type

Namespace	http://vdv/ka/pe/2
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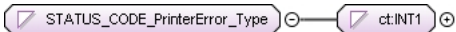
Annotations	Entitlement Error						
Diagram							
Type	restriction of tns:INT1						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:STATUS_CODE_EntitlementError_Type</li> </ul>						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>5</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	5
maxInclusive	255						
minInclusive	0						
enumeration	5						
Used by	Element tns:STATUS_DATA_EntitlementError_Type/tns:STATUS_CODE						
Source	<pre>&lt;xs:simpleType name="STATUS_CODE_EntitlementError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Entitlement Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="5"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Simple Type tns:STATUS\_SUBCODE\_EntitlementError\_Type

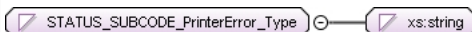
Namespace	http://vdv/ka/pe/2		
Annotations	Subcodes fuer den Statuscode 5		
Diagram			
Type	restriction of xs:string		
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	Instanz nicht vorhanden
	enumeration	0003	Erforderliche Schluessele nicht vorhanden
	enumeration	0004	MAC-Fehler
	enumeration	0005	Berechtigung ungesichert gelesen
	enumeration	0006	Ueberschreiben/Loeschen der Daten nicht moeglich
	pattern	[0-9][0-9][0-9][0-9]	
Used by	Element	tns:STATUS_DATA_EntitlementError_Type/tns:STATUS_SUBCODE	
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_EntitlementError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 5&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht autorisiert&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0002"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Instanz nicht vorhanden&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0003"&gt;</pre>		

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Erforderliche Schluessle nicht vorhanden&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="0004"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;MAC-Fehler&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="0005"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Berechtigung ungesichert gelesen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;xs:enumeration value="0006"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Ueberschreiben/Loeschen der Daten nicht moeglich&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Simple Type `tns:STATUS_CODE_PrinterError_Type`

Namespace	http://vdv/ka/pe/2						
Annotations	Printer Error						
Diagram							
Type	restriction of <code>tns:INT1</code>						
Type hierarchy	<ul style="list-style-type: none"> <li><code>xs:unsignedInt</code> <ul style="list-style-type: none"> <li><code>tns:INT1</code> <ul style="list-style-type: none"> <li><code>tns:STATUS_CODE_PrinterError_Type</code></li> </ul> </li> </ul> </li> </ul>						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>6</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	6
maxInclusive	255						
minInclusive	0						
enumeration	6						
Used by	Element <code>tns:STATUS_DATA_PrinterError_Type/tns:STATUS_CODE</code>						
Source	<pre> &lt;xs:simpleType name="STATUS_CODE_PrinterError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Printer Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="6"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Simple Type `tns:STATUS_SUBCODE_PrinterError_Type`

Namespace	http://vdv/ka/pe/2		
Annotations	Subcodes fuer den Statuscode 6		
Diagram			
Type	restriction of xs:string		
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	nicht autorisiert
	enumeration	0002	Drucker nicht vorhanden
	enumeration	0003	Fehler beim Drucken
	enumeration	0004	Drucker Timeout
	pattern	[0-9][0-9][0-9][0-9]	



Used by	Element tns:STATUS_DATA_PrinterError_Type/tns:STATUS_SUBCODE
Source	<pre> &lt;xs:simpleType name="STATUS_SUBCODE_PrinterError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 6&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht autorisiert&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0002"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Drucker nicht vorhanden&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0003"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fehler beim Drucken&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0004"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Drucker Timeout&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Simple Type tns:STATUS\_CODE\_SoftwareError\_Type

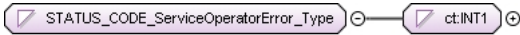
Namespace	http://vdv/ka/pe/2						
Annotations	Software Error						
Diagram							
Type	restriction of tns:INT1						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:STATUS_CODE_SoftwareError_Type</li> </ul>						
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>7</td></tr> </table>	maxInclusive	255	minInclusive	0	enumeration	7
maxInclusive	255						
minInclusive	0						
enumeration	7						
Used by	Element tns:STATUS_DATA_SoftwareError_Type/tns:STATUS_CODE						
Source	<pre> &lt;xs:simpleType name="STATUS_CODE_SoftwareError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Software Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="7"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd						

### Simple Type tns:STATUS\_SUBCODE\_SoftwareError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Subcodes fuer den Statuscode 7

Diagram			
Type	restriction of xs:string		
Facets	length	4	
	enumeration	0000	Sonstiges
	enumeration	0001	Fehler bei Datenkonvertierung
	enumeration	0002	Interner Fehler
	enumeration	0003	Erforderliche Datei nicht verfuegbar
	enumeration	0004	Fehler bei Kryptogrammsignatur
	enumeration	0005	Fehler bei Kryptogrammentschluesselung
	enumeration	0006	Falscher LoadKey Zaehler
	pattern	[0-9][0-9][0-9][0-9]	
Used by	Element	tns:STATUS_DATA_SoftwareError_Type/tns:STATUS_SUBCODE	
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_SoftwareError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 7&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fehler bei Datenkonvertierung&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0002"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Interner Fehler&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0003"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Erforderliche Datei nicht verfuegbar&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0004"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fehler bei Kryptogrammsignatur&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0005"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fehler bei Kryptogrammentschluesselung&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0006"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Falscher LoadKey Zaehler&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd		

### Simple Type tns:STATUS\_CODE\_ServiceOperatorError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Service Operator Error
Diagram	
Type	restriction of tns:INT1
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> </ul>

	<ul style="list-style-type: none"> <li>• tns:INT1</li> <li>• tns:STATUS_CODE_ServiceOperatorError_Type</li> </ul>
Facets	maxInclusive 255
	minInclusive 0
	enumeration 8
Used by	Element tns:STATUS_DATA_ServiceOperatorError_Type/tns:STATUS_CODE
Source	<pre>&lt;xs:simpleType name="STATUS_CODE_ServiceOperatorError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Service Operator Error&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="8"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

### Simple Type tns:STATUS\_SUBCODE\_ServiceOperatorError\_Type

Namespace	http://vdv/ka/pe/2
Annotations	Subcodes fuer den Statuscode 8
Diagram	
Type	restriction of xs:string
Facets	length 4
	enumeration 0000 sonstiges
	enumeration 0001 TXANSCHR fehlt
	pattern [0-9][0-9][0-9][0-9]
Used by	Element tns:STATUS_DATA_ServiceOperatorError_Type/tns:STATUS_SUBCODE
Source	<pre>&lt;xs:simpleType name="STATUS_SUBCODE_ServiceOperatorError_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Subcodes fuer den Statuscode 8&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:length value="4" fixed="true"/&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]"/&gt;     &lt;xs:enumeration value="0000"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;sonstiges&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="0001"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;TXANSCHR fehlt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

**Namespace: "http://vdv/ka/kvp-dl-pv/2"**

### Schema(s)

#### Imported schema XML-Schema\_KVP\_DL\_PV\_ext-1.3.0.xsd

Namespace	http://vdv/ka/kvp-dl-pv/2
Properties	attribute form default: unqualified
	element form default: qualified
	version: 1.3.0

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd
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## Included schema XML-Schema\_KVP\_DL\_PV.xsd

Namespace	http://vdv/ka/kvp-dl-pv/2
Properties	attribute form default: unqualified
	element form default: qualified
	version: 1.8.0
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element(s)

### Element tns:TXEBER

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Erfassung einer Berechtigungstransaktion
Diagram	
Type	tns:TXEBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXEBER_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXWEBAENDN_Type
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase
Instance	<pre>&lt;tns:TXEBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:fahrttransaktion&gt;{1,1}&lt;/tns:fahrttransaktion&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXEBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXEBER" type="tns:TXEBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Erfassung einer Berechtigungstransaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXEBER\_Type / tns:fahrttransaktion

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex

Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:fahrttransaktion&gt;</pre>
Source	<pre>&lt;xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXEBER\_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<pre>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXAENBER

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung der Nutzertarifparameter einer Berechtigung (nicht moeglich bei EFS)
Diagram	
Type	tns:TXAENBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAENBER_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXWEBAENDN_Type
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase
Instance	<pre>&lt;tns:TXAENBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;</pre>

	<pre>&lt;tns:fahrttransaktion&gt;{1,1}&lt;/tns:fahrttransaktion&gt; &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXAENBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXAENBER" type="tns:TXAENBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Aenderung der Nutzertarifparameter einer Berechtigung (nicht moeglich bei EFS)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXAENBER\_Type / tns:fahrttransaktion

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:fahrttransaktion&gt;</pre>
Source	<pre>&lt;xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXAENBER\_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluesel_ID , berMAC_KVP_Schluesel_ID
Children	berMAC_KVP, berMAC_KVP_Schluesel_ID, berMAC_PV, berMAC_PV_Schluesel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schluesel_ID&gt;{1,1}&lt;/berMAC_PV_Schluesel_ID&gt;   &lt;berMAC_KVP_Schluesel_ID&gt;{1,1}&lt;/berMAC_KVP_Schluesel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<pre>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXTRANSABBRUCH

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion

Diagram	
Type	tns:TXTRANSABBRUCH_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXTRANSABBRUCH_Type</li> </ul>
Properties	content: complex
Used by	Complex Types tns:TXAGBBER_Type, tns:TXANTWORT_Type, tns:TXLOEBER_Type, tns:TXPEB_Type, tns:TXSBER_Type, tns:TXWEBAENDN_Type, tns:TXWEBPOBPB_Type
Model	txbase, tns:AllgemeineTransaktionsdaten, tns:MKAH-PV-NM-MAC_ID{0,1}, tns:MKAH-PV-Nutzungszaehler{0,1}, tns:MKKVP--NM-MAC_ID{0,1}, tns:MKKVP-Nutzungszaehler{0,1}
Children	tns:AllgemeineTransaktionsdaten, tns:MKAH-PV-NM-MAC_ID, tns:MKAH-PV-Nutzungszaehler, tns:MKKVP--NM-MAC_ID, tns:MKKVP-Nutzungszaehler, txbase
Instance	<pre>&lt;tns:TXTRANSABBRUCH xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:AllgemeineTransaktionsdaten&gt;{1,1}&lt;/tns:AllgemeineTransaktionsdaten&gt;   &lt;tns:MKAH-PV-NM-MAC_ID&gt;{0,1}&lt;/tns:MKAH-PV-NM-MAC_ID&gt;   &lt;tns:MKAH-PV-Nutzungszaehler&gt;{0,1}&lt;/tns:MKAH-PV-Nutzungszaehler&gt;   &lt;tns:MKKVP--NM-MAC_ID&gt;{0,1}&lt;/tns:MKKVP--NM-MAC_ID&gt;   &lt;tns:MKKVP-Nutzungszaehler&gt;{0,1}&lt;/tns:MKKVP-Nutzungszaehler&gt; &lt;/tns:TXTRANSABBRUCH&gt;</pre>
Source	<pre>&lt;xs:element name="TXTRANSABBRUCH" type="tns:TXTRANSABBRUCH_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion&lt;/   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:AllgemeineTransaktionsdaten

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: AllgemeineTransaktionsdaten
Diagram	
Properties	content: complex
Used by	Complex Type tns:TXTRANSABBRUCH_Type
Model	tns:logApplikationSeqNummer, tns:logNmTransaktion_ID, tns:logTransaktionsOperator_ID, tns:logTerminal_ID, tns:logTransaktionsZeitpunkt, tns:logTransaktionsOrt_ID, tns:logTransaktionsTyp.code

Children	tns:logApplikationSeqNummer, tns:logNmTransaktion_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsTyp.code, tns:logTransaktionsZeitpunkt
Instance	<pre>&lt;tns:AllgemeineTransaktionsdaten xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:logApplikationSeqNummer&gt;{1,1}&lt;/tns:logApplikationSeqNummer&gt;   &lt;tns:logNmTransaktion_ID&gt;{1,1}&lt;/tns:logNmTransaktion_ID&gt;   &lt;tns:logTransaktionsOperator_ID&gt;{1,1}&lt;/tns:logTransaktionsOperator_ID&gt;   &lt;tns:logTerminal_ID&gt;{1,1}&lt;/tns:logTerminal_ID&gt;   &lt;tns:logTransaktionsZeitpunkt&gt;{1,1}&lt;/tns:logTransaktionsZeitpunkt&gt;   &lt;tns:logTransaktionsOrt_ID&gt;{1,1}&lt;/tns:logTransaktionsOrt_ID&gt;   &lt;tns:logTransaktionsTyp.code&gt;{1,1}&lt;/tns:logTransaktionsTyp.code&gt; &lt;/tns:AllgemeineTransaktionsdaten&gt;</pre>
Source	<pre>&lt;xs:element name="AllgemeineTransaktionsdaten"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: AllgemeineTransaktionsdaten&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="logApplikationSeqNummer" type="ct:SequenceNumberTwo"/&gt;       &lt;xs:element name="logNmTransaktion_ID" type="tns:NmTransaktion_ID_Type"/&gt;       &lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/&gt;       &lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/&gt;       &lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/&gt;       &lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/&gt;       &lt;xs:element name="logTransaktionsTyp.code" type="ct:INT1"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:AllgemeineTransaktionsdaten / tns:logApplikationSeqNummer

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SequenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:SequenceNumberTwo</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<pre>&lt;xs:element name="logApplikationSeqNummer" type="ct:SequenceNumberTwo"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


### Element tns:AllgemeineTransaktionsdaten / tns:logNmTransaktion\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:NmTransaktion_ID_Type
Properties	content: complex
Model	tns:samSequenznummer, tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Instance	<pre>&lt;tns:logNmTransaktion_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:samSequenznummer&gt;{1,1}&lt;/tns:samSequenznummer&gt;   &lt;tns:SAM_ID.samNummer&gt;{1,1}&lt;/tns:SAM_ID.samNummer&gt; &lt;/tns:logNmTransaktion_ID&gt;</pre>




Source	<code>&lt;xs:element name="logNmTransaktion_ID" type="tns:NmTransaktion_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


### Element `tns:NmTransaktion_ID_Type` / `tns:samSequenznummer`

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:SequenceNumberFour				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:SequenceNumberFour</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Source	<code>&lt;xs:element name="samSequenznummer" type="ct:SequenceNumberFour" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element `tns:NmTransaktion_ID_Type` / `tns:SAM_ID.samNummer`

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:SAM_ID_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3</li> <li>tns:ReferenceNumberThree</li> <li>tns:SAM_ID_Type</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<code>&lt;xs:element name="SAM_ID.samNummer" type="ion:SAM_ID_Type" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element `tns:AllgemeineTransaktionsdaten` / `tns:logTransaktionsOperator_ID`

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:ReferenceNumberTwo				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<code>&lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo" /&gt;</code>				

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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## Element tns:AllgemeineTransaktionsdaten / tns:logTerminal\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNumber , terminalOwner_ID
Children	terminalNumber, terminalOwner_ID, terminalTyp
Instance	<pre>&lt;tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;terminalTyp&gt;{1,1}&lt;/terminalTyp&gt;   &lt;terminalNumber&gt;{1,1}&lt;/terminalNumber&gt;   &lt;terminalOwner_ID&gt;{1,1}&lt;/terminalOwner_ID&gt; &lt;/tns:logTerminal_ID&gt;</pre>
Source	<pre>&lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsZeitpunkt


Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<pre>&lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact" /&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsOrt\_ID

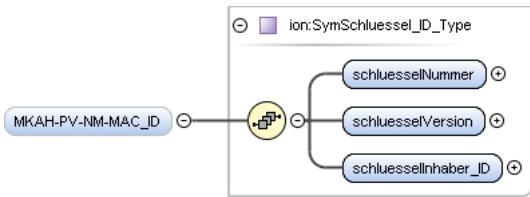
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNumber , ortDomaene_ID
Children	ortDomaene_ID, ortNumber, ortTyp
Instance	<pre>&lt;tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNumber&gt;{1,1}&lt;/ortNumber&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:logTransaktionsOrt_ID&gt;</pre>

	<code>&lt;/tns:logTransaktionsOrt_ID&gt;</code>
Source	<code>&lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


### Element **tns:AllgemeineTransaktionsdaten** / **tns:logTransaktionsTyp.code**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<code>&lt;xs:element name="logTransaktionsTyp.code" type="ct:INT1"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element **tns:TXTRANSABBRUCH\_Type** / **tns:MKAH-PV-NM-MAC\_ID**

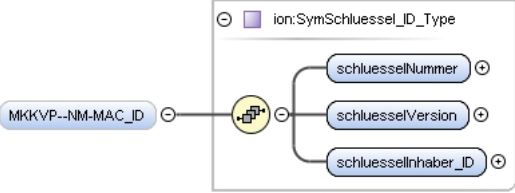
Namespace	http://vdv/ka/kvp-dl-pv/2						
Diagram							
Type	tns:SymSchluessel_ID_Type						
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID						
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion						
Instance	<pre>&lt;tns:MKAH-PV-NM-MAC_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/tns:MKAH-PV-NM-MAC_ID&gt;</pre>						
Source	<code>&lt;xs:element name="MKAH-PV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd						

### Element **tns:TXTRANSABBRUCH\_Type** / **tns:MKAH-PV-Nutzungszaehler**


Namespace	http://vdv/ka/kvp-dl-pv/2						
Diagram							
Type	tns:ReferenceNumberFour						
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:ReferenceNumberFour</li> </ul>						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Facets	maxInclusive	4294967295
	minInclusive	0
Source	<xs:element name="MKAH-PV-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

## Element tns:TXTRANSABBRUCH\_Type / tns:MKKVP--NM-MAC\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2	
Diagram		
Type	tns:SymSchluessel_ID_Type	
Properties	content:	complex
	minOccurs:	0
	maxOccurs:	1
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID	
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion	
Instance	<pre>&lt;tns:MKKVP--NM-MAC_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/tns:MKKVP--NM-MAC_ID&gt;</pre>	
Source	<xs:element name="MKKVP--NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

## Element tns:TXTRANSABBRUCH\_Type / tns:MKKVP-Nutzungszaehler

Namespace	http://vdv/ka/kvp-dl-pv/2	
Diagram		
Type	tns:ReferenceNumberFour	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT4 <ul style="list-style-type: none"> <li>tns:ReferenceNumberFour</li> </ul> </li> </ul> </li> </ul>	
Properties	content:	simple
	minOccurs:	0
	maxOccurs:	1
Facets	maxInclusive	4294967295
	minInclusive	0
Source	<xs:element name="MKKVP-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

## Element tns:TXABER

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ausgabe einer Berechtigung

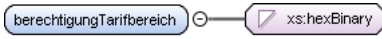
Diagram	
Type	tns:TXABER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXABER_Type</li> </ul>
Properties	content: complex
Used by	Complex Types tns:TXAGBBER_Type, tns:TXANTWORT_Type
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_ber, txbase
Instance	<pre>&lt;tns:TXABER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:tx_ber&gt;{1,1}&lt;/tns:tx_ber&gt;   &lt;tns:berechtigungTarifbereich&gt;{1,1}&lt;/tns:berechtigungTarifbereich&gt;   &lt;tns:berechtigungTarifbereichZusatz&gt;{0,1}&lt;/tns:berechtigungTarifbereichZusatz&gt;   &lt;tns:ausgabeTransaktionBerechtigung&gt;{1,1}&lt;/tns:ausgabeTransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXABER&gt;</pre>
Source	<pre>&lt;xs:element name="TXABER" type="tns:TXABER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Ausgabe einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXABER\_Type / tns:tx\_ber


Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_BER_Type
Properties	content: complex
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren
Instance	<pre>&lt;tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berGueltigkeitsbeginn&gt;{1,1}&lt;/berGueltigkeitsbeginn&gt;   &lt;berGueltigkeitsende&gt;{1,1}&lt;/berGueltigkeitsende&gt;   &lt;prodAbrechnungsVerfahren&gt;{1,1}&lt;/prodAbrechnungsVerfahren&gt;   &lt;berBezahlArt&gt;{1,1}&lt;/berBezahlArt&gt; &lt;/tns:tx_ber&gt;</pre>

	<pre>&lt;berBezahlMittel&gt;{1,1}&lt;/berBezahlMittel&gt; &lt;/tns:tx_ber&gt;</pre>
Source	<pre>&lt;xs:element name="tx_ber" type="ion:TX_BER_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

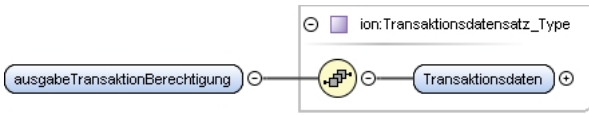
### Element **tns:TXABER\_Type** / **tns:berechtigungTarifbereich**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<pre>&lt;xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

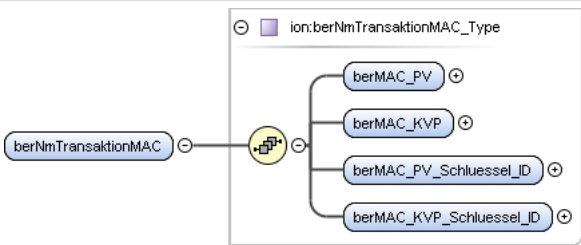
### Element **tns:TXABER\_Type** / **tns:berechtigungTarifbereichZusatz**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple minOccurs: 0
Source	<pre>&lt;xs:element name="berechtigungTarifbereichZusatz" type="xs:hexBinary" minOccurs="0"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TXABER\_Type** / **tns:ausgabeTransaktionBerechtigung**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:ausgabeTransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:ausgabeTransaktionBerechtigung&gt;</pre>
Source	<pre>&lt;xs:element name="ausgabeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TXABER\_Type** / **tns:berNmTransaktionMAC**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type

Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP , berMAC_KVP_Schlüssel_ID , berMAC_PV , berMAC_PV_Schlüssel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<pre>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXAMBER

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ausgabe einer Multiberechtigung
Diagram	<pre> classDiagram     class tnsTXAMBER_Type {         txbase         tx_ber         berechtigungTarifbereich         berechtigungTarifbereichZusatz         ausgabeTransaktionBerechtigung         berNmTransaktionMAC         tx_abkey     }     class ionTX_BASE_Type {         txbase     }     tnsTXAMBER_Type -- &gt; ionTX_BASE_Type     </pre>
Type	tns:TXAMBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type             <ul style="list-style-type: none"> <li>tns:TXABER_Type                     <ul style="list-style-type: none"> <li>tns:TXAMBER_Type</li> </ul> </li> </ul> </li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXAGBBER_Type
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz , tns:tx_abkey , tns:tx_ber , txbase
Instance	<pre>&lt;tns:TXAMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:tx_ber&gt;{1,1}&lt;/tns:tx_ber&gt;   &lt;tns:berechtigungTarifbereich&gt;{1,1}&lt;/tns:berechtigungTarifbereich&gt;   &lt;tns:berechtigungTarifbereichZusatz&gt;{0,1}&lt;/tns:berechtigungTarifbereichZusatz&gt;   &lt;tns:ausgabeTransaktionBerechtigung&gt;{1,1}&lt;/tns:ausgabeTransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt;   &lt;tns:tx_abkey&gt;{1,1}&lt;/tns:tx_abkey&gt; &lt;/tns:TXAMBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXAMBER" type="tns:TXAMBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Ausgabe einer Multiberechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXAMBER\_Type** / **tns:tx\_abkey**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_ABKEY_Type
Properties	content: complex
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Instance	<pre>&lt;tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:berAbleitungsdaten&gt;{1,1}&lt;/tns:berAbleitungsdaten&gt; &lt;/tns:tx_abkey&gt;</pre>
Source	<pre>&lt;xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TX\_ABKEY\_Type** / **tns:berAbleitungsdaten**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<pre>&lt;xs:element name="berAbleitungsdaten" type="ct:OctetString10"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXRBER**

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ruecknahme einer Berechtigung
Diagram	
Type	tns:TXRBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXRBER_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXLOEBER_Type
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase
Instance	<pre>&lt;tns:TXRBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:ruecknahmeTransaktionBerechtigung&gt;{1,1}&lt;/tns:ruecknahmeTransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXRBER&gt;</pre>



	<code>&lt;/tns:TXRBER&gt;</code>
Source	<pre> &lt;xs:element name="TXRBER" type="tns:TXRBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Ruecknahme einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXRBER_Type` / `tns:ruecknahmeTransaktionBerechtigung`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre> &lt;tns:ruecknahmeTransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:ruecknahmeTransaktionBerechtigung&gt; </pre>
Source	<pre> &lt;xs:element name="ruecknahmeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXRBER_Type` / `tns:berNmTransaktionMAC`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Instance	<pre> &lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt; </pre>
Source	<pre> &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXRMBER`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ruecknahme einer Multiberechtigung

Diagram	
Type	tns:TXRMBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXRBER_Type</li> <li>tns:TXRMBER_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXLOEBER_Type
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, tns:tx_abkey, txbase
Instance	<pre>&lt;tns:TXRMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:ruecknahmeTransaktionBerechtigung&gt;{1,1}&lt;/tns:ruecknahmeTransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt;   &lt;tns:tx_abkey&gt;{1,1}&lt;/tns:tx_abkey&gt; &lt;/tns:TXRMBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXRMBER" type="tns:TXRMBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Ruecknahme einer Multiberechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXRMBER\_Type / tns:tx\_abkey

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_ABKEY_Type
Properties	content: complex
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Instance	<pre>&lt;tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:berAbleitungsdaten&gt;{1,1}&lt;/tns:berAbleitungsdaten&gt; &lt;/tns:tx_abkey&gt;</pre>
Source	<pre>&lt;xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXBEKOKVP

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Belastung POB/PEB durch Kauf eines EFS (analog TXBEKODL)

Diagram	
Type	tns:TXBEWEBKOKVP_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXBEWEBKOKVP_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXWEBPOBPBEP_Type
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Instance	<pre>&lt;tns:TXBEWEBKOKVP xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:belastungstransaktionBerechtigung&gt;{1,1}&lt;/tns:belastungstransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXBEWEBKOKVP&gt;</pre>
Source	<pre>&lt;xs:element name="TXBEWEBKOKVP" type="tns:TXBEWEBKOKVP_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Belastung POB/PEB durch Kauf eines EFS (analog TXBEKODL)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXBEWEBKOKVP\_Type / tns:belastungstransaktionBerechtigung

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:belastungstransaktionBerechtigung&gt;</pre>
Source	<pre>&lt;xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXBEWEBKOKVP\_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluesssel_ID , berMAC_KVP_Schluesssel_ID
Children	berMAC_KVP, berMAC_KVP_Schluesssel_ID, berMAC_PV, berMAC_PV_Schluesssel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schluesssel_ID&gt;{1,1}&lt;/berMAC_PV_Schluesssel_ID&gt;   &lt;berMAC_KVP_Schluesssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schluesssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<pre>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXBEWEBKVP

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Belastung WEB durch Kauf eines EFS (analog TXBEKOKVP)
Diagram	
Type	tns:TXBEWEBKOKVP_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXBEWEBKOKVP_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXWEBPOBPBEP_Type
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Instance	<pre>&lt;tns:TXBEWEBKVP xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:belastungstransaktionBerechtigung&gt;{1,1}&lt;/tns:belastungstransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXBEWEBKVP&gt;</pre>
Source	<pre>&lt;xs:element name="TXBEWEBKVP" type="tns:TXBEWEBKOKVP_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Belastung WEB durch Kauf eines EFS (analog TXBEKOKVP)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXLPEB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Laden eines PEB-Kontos

Diagram	
Type	tns:TXLPEB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXLPEB_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXPEB_Type
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase
Instance	<pre>&lt;tns:TXLPEB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:einzahlungsbelegBerechtigung&gt;{1,1}&lt;/tns:einzahlungsbelegBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXLPEB&gt;</pre>
Source	<pre>&lt;xs:element name="TXLPEB" type="tns:TXLPEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Laden eines PEB-Kontos&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXLPEB\_Type / tns:einzahlungsbelegBerechtigung

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:einzahlungsbelegBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:einzahlungsbelegBerechtigung&gt;</pre>
Source	<pre>&lt;xs:element name="einzahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXLPEB\_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

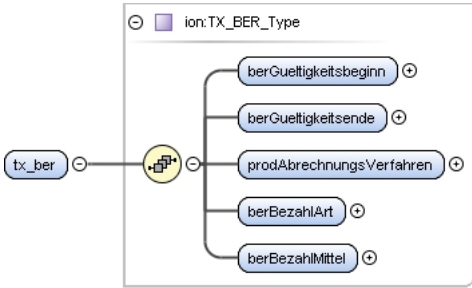
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schluessel_ID&gt;{1,1}&lt;/berMAC_PV_Schluessel_ID&gt;   &lt;berMAC_KVP_Schluessel_ID&gt;{1,1}&lt;/berMAC_KVP_Schluessel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<pre>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXAEBER\_1\_3\_0


Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung einer Berechtigung (nicht moeglich bei EFS). Release 1.3.0. Korrektur: fehlende Berechtigungs-ID und Produkt-ID.
Diagram	
Type	tns:TXAEBER_Type_1_3_0
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAEBER_Type_1_3_0</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXAENDERBER_Type
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereichDaten , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	tns:berBerechtigung_ID, tns:berechtigungTarifbereichDaten, tns:prodProdukt_ID, tns:tx_ber, txbase
Instance	<pre>&lt;tns:TXAEBER_1_3_0 xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:tx_ber&gt;{1,1}&lt;/tns:tx_ber&gt;   &lt;tns:berechtigungTarifbereichDaten&gt;{1,1}&lt;/tns:berechtigungTarifbereichDaten&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt; &lt;/tns:TXAEBER_1_3_0&gt;</pre>
Source	<pre>&lt;xs:element name="TXAEBER_1_3_0" type="tns:TXAEBER_Type_1_3_0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Aenderung einer Berechtigung (nicht moeglich bei EFS). Release 1.3.0.     Korrektur: fehlende Berechtigungs-ID und Produkt-ID.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

## Element tns:TXAEBER\_Type\_1\_3\_0 / tns:tx\_ber

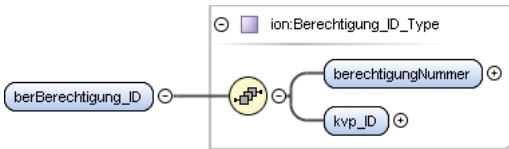
Namespace	http://vdv/ka/kvp-dl-pv/2
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Diagram	
Type	tns:TX_BER_Type
Properties	content: complex
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren
Instance	<pre>&lt;tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berGueltigkeitsbeginn&gt;{1,1}&lt;/berGueltigkeitsbeginn&gt;   &lt;berGueltigkeitsende&gt;{1,1}&lt;/berGueltigkeitsende&gt;   &lt;prodAbrechnungsVerfahren&gt;{1,1}&lt;/prodAbrechnungsVerfahren&gt;   &lt;berBezahlArt&gt;{1,1}&lt;/berBezahlArt&gt;   &lt;berBezahlMittel&gt;{1,1}&lt;/berBezahlMittel&gt; &lt;/tns:tx_ber&gt;</pre>
Source	<pre>&lt;xs:element name="tx_ber" type="ion:TX_BER_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

#### Element tns:TXAEBER\_Type\_1\_3\_0 / tns:berechtigungTarifbereichDaten

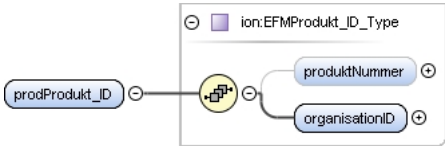
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<pre>&lt;xs:element name="berechtigungTarifbereichDaten" type="xs:hexBinary" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

#### Element tns:TXAEBER\_Type\_1\_3\_0 / tns:berBerechtigung\_ID


Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>
Source	<pre>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

#### Element tns:TXAEBER\_Type\_1\_3\_0 / tns:prodProdukt\_ID

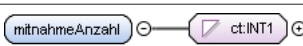
Namespace	http://vdv/ka/kvp-dl-pv/2
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Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<pre>&lt;tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;produktNummer&gt;{0,1}&lt;/produktNummer&gt;   &lt;organisationID&gt;{1,1}&lt;/organisationID&gt; &lt;/tns:prodProdukt_ID&gt;</pre>
Source	<pre>&lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

### Element tns:Mitnahme\_Type / tns:mitnahmeTyp

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Profil_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT1                 <ul style="list-style-type: none"> <li>tns:Profil_CODE_Type</li> </ul> </li> </ul> </li> </ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	Erwachsener
	enumeration	2	Kind
	enumeration	3	Student
	enumeration	5	Behinderter
	enumeration	6	Sehbehinderter
	enumeration	7	Hoergeschaedigter
	enumeration	8	Arbeitsloser/Sozialhilfeempfaenger
	enumeration	9	Personal
	enumeration	10	Militaeranhehoeriger
	enumeration	19	Schueler
	enumeration	20	Azubi
	enumeration	25	Senior
Source	<pre>&lt;xs:element name="mitnahmeTyp" type="tns:Profil_CODE_Type"/&gt;</pre>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		


### Element tns:Mitnahme\_Type / tns:mitnahmeAnzahl

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:INT1		
Properties	content:	simple	




Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="mitnahmeAnzahl" type="ct:INT1"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

### Element **tns:Linie\_ID\_Type** / **tns:linienNummer**

Namespace	http://vdv/ka/kvp-dl-pv/2	
Diagram		
Type	tns:ReferenceNumberTwo	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>	
Properties	content:	simple
Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="linienNummer" type="ct:ReferenceNumberTwo"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

### Element **tns:Linie\_ID\_Type** / **tns:linieDomaene\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2	
Diagram		
Type	tns:Organisation_ID	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>	
Properties	content:	simple
Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="linieDomaene_ID" type="ka:Organisation_ID"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

### Element **tns:LinieVariante\_ID\_Type** / **tns:variantenNummer**

Namespace	http://vdv/ka/kvp-dl-pv/2	
Diagram		
Type	tns:ReferenceNumberOne	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:ReferenceNumberOne</li> </ul>	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0

Source	<code>&lt;xs:element name="variantenNummer" type="ct:ReferenceNumberOne" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:LinieVariante\_ID\_Type** / **tns:linie\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Linie_ID_Type
Properties	content: complex
Model	tns:linienNummer, tns:linieDomaene_ID
Children	tns:linieDomaene_ID, tns:linienNummer
Instance	<pre>&lt;tns:linie_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:linienNummer&gt;{1,1}&lt;/tns:linienNummer&gt;   &lt;tns:linieDomaene_ID&gt;{1,1}&lt;/tns:linieDomaene_ID&gt; &lt;/tns:linie_ID&gt;</pre>
Source	<code>&lt;xs:element name="linie_ID" type="tns:Linie_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:Fahrt\_ID\_Type** / **tns:fahrtNummer**

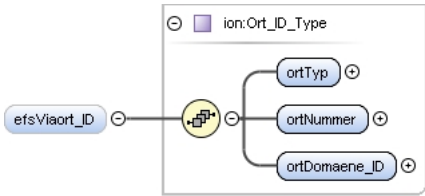
Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:ReferenceNumberThree				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3</li> <li>tns:ReferenceNumberThree</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<code>&lt;xs:element name="fahrtNummer" type="ct:ReferenceNumberThree" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element **tns:Fahrt\_ID\_Type** / **tns:fahrtBetreiber\_ID**


Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:Organisation_ID				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<code>&lt;xs:element name="fahrtBetreiber_ID" type="ka:Organisation_ID" /&gt;</code>				

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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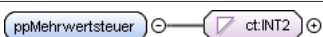
## Element **tns:EFsViaOrtsListe\_Type** / **tns:efsViaort\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2						
Diagram	 The diagram shows a tree structure for the type tns:Ort_ID_Type. The root node is tns:Ort_ID_Type, which contains three child nodes: ortTyp, ortNummer, and ortDomaene_ID. Each child node is represented by a blue rounded rectangle with a small circle and a plus sign in the top right corner.						
Type	tns:Ort_ID_Type						
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>3</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	3
content:	complex						
minOccurs:	0						
maxOccurs:	3						
Model	ortTyp , ortNummer , ortDomaene_ID						
Children	ortDomaene_ID, ortNummer, ortTyp						
Instance	<pre>&lt;tns:efsViaort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:efsViaort_ID&gt;</pre>						
Source	<pre>&lt;xs:element name="efsViaort_ID" type="tns:Ort_ID_Type" minOccurs="0" maxOccurs="3"/&gt;</pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd						

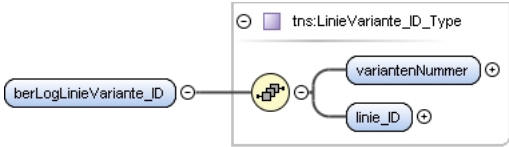
## Element **tns:TX\_PP\_Type** / **tns:ppLeistungsPreis**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram	 The diagram shows a tree structure for the type tns:Amount65535. The root node is tns:Amount65535, which contains one child node: ppLeistungsPreis. Each node is represented by a blue rounded rectangle with a small circle and a plus sign in the top right corner.				
Type	tns:Amount65535				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:Amount65535</li> </ul>				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> </table>	content:	simple		
content:	simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<pre>&lt;xs:element name="ppLeistungsPreis" type="tns:Amount65535"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

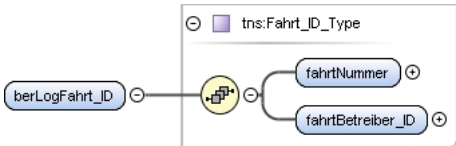
## Element **tns:TX\_PP\_Type** / **tns:ppMehrwertsteuer**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram	 The diagram shows a tree structure for the type ct:INT2. The root node is ct:INT2, which contains one child node: ppMehrwertsteuer. Each node is represented by a blue rounded rectangle with a small circle and a plus sign in the top right corner.				
Type	tns:INT2				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> </table>	content:	simple		
content:	simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<pre>&lt;xs:element name="ppMehrwertsteuer" type="ct:INT2"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

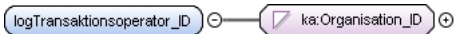
## Element **tns:TX\_BERLOG\_Type** / **tns:berLogLinieVariante\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:LinieVariante_ID_Type
Properties	content: complex
Model	tns:variantenNummer , tns:linie_ID
Children	tns:linie_ID, tns:variantenNummer
Instance	<pre>&lt;tns:berLogLinieVariante_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:variantenNummer&gt;{1,1}&lt;/tns:variantenNummer&gt;   &lt;tns:linie_ID&gt;{1,1}&lt;/tns:linie_ID&gt; &lt;/tns:berLogLinieVariante_ID&gt;</pre>
Source	<pre>&lt;xs:element name="berLogLinieVariante_ID" type="tns:LinieVariante_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TX\_BERLOG\_Type** / **tns:berLogFahrt\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Fahrt_ID_Type
Properties	content: complex
Model	tns:fahrtNummer , tns:fahrtBetreiber_ID
Children	tns:fahrtBetreiber_ID, tns:fahrtNummer
Instance	<pre>&lt;tns:berLogFahrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:fahrtNummer&gt;{1,1}&lt;/tns:fahrtNummer&gt;   &lt;tns:fahrtBetreiber_ID&gt;{1,1}&lt;/tns:fahrtBetreiber_ID&gt; &lt;/tns:berLogFahrt_ID&gt;</pre>
Source	<pre>&lt;xs:element name="berLogFahrt_ID" type="tns:Fahrt_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TX\_LOG\_Type** / **tns:logTransaktionsoperator\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:Organisation_ID				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<pre>&lt;xs:element name="logTransaktionsoperator_ID" type="ka:Organisation_ID"/&gt;</pre>				

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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### Element **tns:TX\_LOG\_Type / tns:logTransaktionsZeitpunkt\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<code>&lt;xs:element name="logTransaktionsZeitpunkt_ID" type="ct:DateTimeCompact" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element **tns:TX\_LOG\_Type / tns:logTransaktionsort\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:logTransaktionsort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:logTransaktionsort_ID&gt;</pre>
Source	<code>&lt;xs:element name="logTransaktionsort_ID" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TX\_LOG\_Type / tns:logTransaktionsTyp\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:NmTransaktionsTyp_CODE		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:NmTransaktionsTyp_CODE</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Keine Angabe
	enumeration	1	Ausgabetransaktion - Applikation oder Berechtigung
	enumeration	2	Entwertung
	enumeration	11	CI


	enumeration	12	CO
	enumeration	15	Einzahlung - Berechtigung
	enumeration	16	CI nach Fahrtfortsetzung
	enumeration	18	NTP Aendern
	enumeration	20	Sperrtransaktion Applikation oder Berechtigung
	enumeration	21	Entsperrtransaktion Applikation oder Berechtigung
	enumeration	22	BI
	enumeration	23	BO
	enumeration	24	INOUT
	enumeration	25	Rueckgabetransaktion - Applikation oder Berechtigung
	enumeration	27	Kontrolle
	enumeration	28	Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB)
	enumeration	29	Belastungstransaktion WEB mit Autoload
	enumeration	30	WEB Buchung(Laden/Entladen)
	enumeration	31	WEB-CI mit Autoload
	enumeration	32	WEB-CO mit Autoload
	enumeration	33	Kontrolle nach CI; BIBO oder Entwertung
	enumeration	34	Check personal (CPKontrolldatensatz fuer Kontrollterminal)
	enumeration	35	Auto CO
	enumeration	36	manuelles CO (nachtraeglich durch den Nutzer)
	enumeration	37	Ausgabe EFS ueber Aktionsliste
	enumeration	38	Entsperrtransaktion EFS ueber Aktionsliste
	enumeration	39	Rueckgabetransaktion EFS ueber Aktionsliste
Source	<xs:element name="logTransaktionsTyp_ID" type="ion:NmTransaktionsTyp_CODE" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

## Element tns:TX\_AFBLOG\_Type / tns:afbLogFahrgastTyp


Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Kundentyp_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:Kundentyp_CODE_Type</li> </ul> </li> </ul> </li> </ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	Erwachsener
	enumeration	2	Kind
	enumeration	3	Student
	enumeration	5	Behinderter
	enumeration	6	Sehbehinderter
	enumeration	7	Hoergeschaedigter
	enumeration	8	Arbeitsloser/Sozialhilfeempfaenger
	enumeration	9	Personal

	enumeration	10	Militaeranhehoeriger
	enumeration	19	Schueler
	enumeration	20	Azubi
	enumeration	25	Senior
Source	<xs:element name="afbLogFahrgastTyp" type="tns:Kudentyp_CODE_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		


### Element tns:TX\_AFBLOG\_Type / tns:afbLogVerkehrsmittelart

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Transportserviceart_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:TransportTypeCode_Type<ul style="list-style-type: none"><li>• tns:Transportserviceart_CODE_Type</li></ul></li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
Source	<xs:element name="afbLogVerkehrsmittelart" type="tns:Transportserviceart_CODE_Type"/>		
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

### Element tns:TX\_AFBLOG\_Type / tns:afbLogServiceKlasse

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:ServiceKlasse_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:ServiceKlasse_CODE_Type</li> </ul> </li> </ul> </li> </ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	1. Klasse
	enumeration	2	2. Klasse
Source	<xs:element name="afbLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

### Element tns:TX\_AFBLOG\_Type / tns:afbLogDynamischerRabattParameter

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:OctetString4		
Properties	content:	simple	
Facets	length	4	

Source	<code>&lt;xs:element name="afbLogDynamischerRabattParameter" type="ct:OctetString4"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TX\_AFBLOG\_Type** / **tns:afbLogMitnahme**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Mitnahme_Type
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	tns:mitnahmeTyp , tns:mitnahmeAnzahl
Children	tns:mitnahmeAnzahl, tns:mitnahmeTyp
Instance	<pre>&lt;tns:afbLogMitnahme xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:mitnahmeTyp&gt;{1,1}&lt;/tns:mitnahmeTyp&gt;   &lt;tns:mitnahmeAnzahl&gt;{1,1}&lt;/tns:mitnahmeAnzahl&gt; &lt;/tns:afbLogMitnahme&gt;</pre>
Source	<code>&lt;xs:element name="afbLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TX\_AFBLOG\_Type** / **tns:txberlog**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_BERLOG_Type
Properties	content: complex
Model	tns:berLogLinieVariante_ID , tns:berLogFahrt_ID
Children	tns:berLogFahrt_ID, tns:berLogLinieVariante_ID
Instance	<pre>&lt;tns:txberlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:berLogLinieVariante_ID&gt;{1,1}&lt;/tns:berLogLinieVariante_ID&gt;   &lt;tns:berLogFahrt_ID&gt;{1,1}&lt;/tns:berLogFahrt_ID&gt; &lt;/tns:txberlog&gt;</pre>
Source	<code>&lt;xs:element name="txberlog" type="tns:TX_BERLOG_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TX\_AFBLOG\_Type** / **tns:txlog**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	



Type	tns:TX_LOG_Type
Properties	content: complex
Model	tns:logTransaktionsoperator_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsort_ID , tns:logTransaktionsTyp_ID
Children	tns:logTransaktionsTyp_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsoperator_ID , tns:logTransaktionsort_ID
Instance	<pre>&lt;tns:txlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:logTransaktionsoperator_ID&gt;{1,1}&lt;/tns:logTransaktionsoperator_ID&gt;   &lt;tns:logTransaktionsZeitpunkt_ID&gt;{1,1}&lt;/tns:logTransaktionsZeitpunkt_ID&gt;   &lt;tns:logTransaktionsort_ID&gt;{1,1}&lt;/tns:logTransaktionsort_ID&gt;   &lt;tns:logTransaktionsTyp_ID&gt;{1,1}&lt;/tns:logTransaktionsTyp_ID&gt; &lt;/tns:txlog&gt;</pre>
Source	<xs:element name="txlog" type="tns:TX_LOG_Type" />
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TX\_EFSLOG\_Type / tns:efsFahrgastTyp

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Kundentyp_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:Kundentyp_CODE_Type</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	Erwachsener
	enumeration	2	Kind
	enumeration	3	Student
	enumeration	5	Behinderter
	enumeration	6	Sehbehinderter
	enumeration	7	Hoergeschaedigter
	enumeration	8	Arbeitsloser/Sozialhilfeempfaenger
	enumeration	9	Personal
	enumeration	10	Militaeranhehoeriger
	enumeration	19	Schueler
	enumeration	20	Azubi
	enumeration	25	Senior
Source	<xs:element name="efsFahrgastTyp" type="tns:Kundentyp_CODE_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

## Element tns:TX\_EFSLOG\_Type / tns:efsVerkehrsmittelKategorie

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TransportmittelKategorie_CODE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:TransportTypeCode_Type</li> <li>tns:TransportmittelKategorie_CODE_Type</li> </ul>

Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="efsVerkehrsmittelKategorie" type="tns:TransportmittelKategorie_CODE_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TX\_EFSLOG\_Type** / **tns:efsLogServiceKlasse**

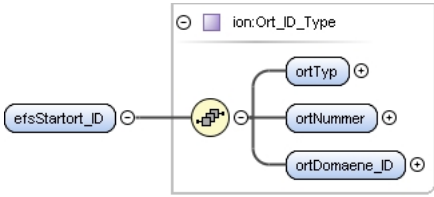
Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:ServiceKlasse_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:ServiceKlasse_CODE_Type</li> </ul>		
Properties	content: simple		
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	1. Klasse
	enumeration	2	2. Klasse
Source	<code>&lt;xs:element name="efsLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/&gt;</code>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

### Element **tns:TX\_EFSLOG\_Type** / **tns:efsServiceKlasseExtra**

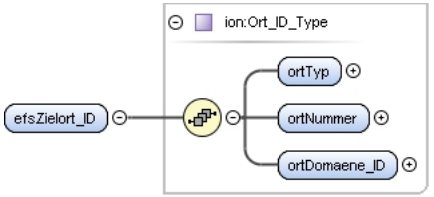
Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:ServiceKlasseExtra_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:ServiceKlasseExtra_CODE_Type</li> </ul>		
Properties	content: simple		
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	Fruehstueck
	enumeration	2	Mittagessen
	enumeration	3	Abendessen
	enumeration	4	Buffet
	enumeration	5	Imbiss
Source	<code>&lt;xs:element name="efsServiceKlasseExtra" type="tns:ServiceKlasseExtra_CODE_Type"/&gt;</code>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

### Element **tns:TX\_EFSLOG\_Type** / **tns:efsStartort\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
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Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:efsStartort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:efsStartort_ID&gt;</pre>
Source	<pre>&lt;xs:element name="efsStartort_ID" type="ion:Ort_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TX\_EFSLOG\_Type / tns:efsZielort\_ID

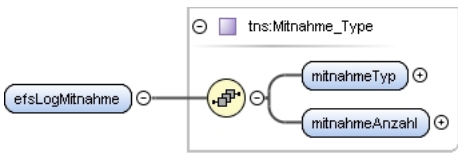
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:efsZielort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:efsZielort_ID&gt;</pre>
Source	<pre>&lt;xs:element name="efsZielort_ID" type="ion:Ort_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TX\_EFSLOG\_Type / tns:efsViaOrte\_IDs

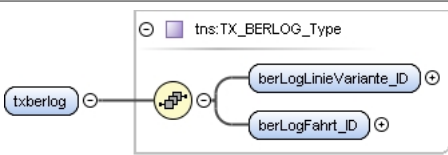
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:EFSViaOrtsListe_Type
Properties	content: complex
Model	tns:efsViaort_ID{0,3}
Children	tns:efsViaort_ID
Instance	<pre>&lt;tns:efsViaOrte_IDs xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:efsViaort_ID&gt;{0,3}&lt;/tns:efsViaort_ID&gt; &lt;/tns:efsViaOrte_IDs&gt;</pre>
Source	<pre>&lt;xs:element name="efsViaOrte_IDs" type="tns:EFSViaOrtsListe_Type"/&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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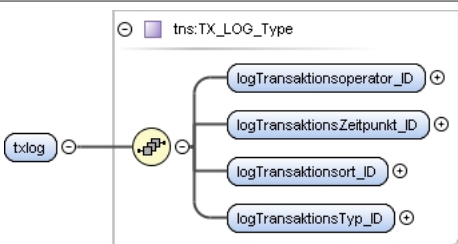
### Element **tns:TX\_EFSLOG\_Type** / **tns:efsLogMitnahme**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Mitnahme_Type
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	tns:mitnahmeTyp , tns:mitnahmeAnzahl
Children	tns:mitnahmeAnzahl, tns:mitnahmeTyp
Instance	<pre>&lt;tns:efsLogMitnahme xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:mitnahmeTyp&gt;{1,1}&lt;/tns:mitnahmeTyp&gt;   &lt;tns:mitnahmeAnzahl&gt;{1,1}&lt;/tns:mitnahmeAnzahl&gt; &lt;/tns:efsLogMitnahme&gt;</pre>
Source	<pre>&lt;xs:element name="efsLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TX\_EFSLOG\_Type** / **tns:txberlog**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_BERLOG_Type
Properties	content: complex
Model	tns:berLogLinieVariante_ID , tns:berLogFahrt_ID
Children	tns:berLogFahrt_ID, tns:berLogLinieVariante_ID
Instance	<pre>&lt;tns:txberlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:berLogLinieVariante_ID&gt;{1,1}&lt;/tns:berLogLinieVariante_ID&gt;   &lt;tns:berLogFahrt_ID&gt;{1,1}&lt;/tns:berLogFahrt_ID&gt; &lt;/tns:txberlog&gt;</pre>
Source	<pre>&lt;xs:element name="txberlog" type="tns:TX_BERLOG_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TX\_EFSLOG\_Type** / **tns:txlog**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_LOG_Type

Properties	content: complex
Model	tns:logTransaktionsoperator_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsort_ID , tns:logTransaktionsTyp_ID
Children	tns:logTransaktionsTyp_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsoperator_ID , tns:logTransaktionsort_ID
Instance	<pre>&lt;tns:txlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:logTransaktionsoperator_ID&gt;{1,1}&lt;/tns:logTransaktionsoperator_ID&gt;   &lt;tns:logTransaktionsZeitpunkt_ID&gt;{1,1}&lt;/tns:logTransaktionsZeitpunkt_ID&gt;   &lt;tns:logTransaktionsort_ID&gt;{1,1}&lt;/tns:logTransaktionsort_ID&gt;   &lt;tns:logTransaktionsTyp_ID&gt;{1,1}&lt;/tns:logTransaktionsTyp_ID&gt; &lt;/tns:txlog&gt;</pre>
Source	<code>&lt;xs:element name="txlog" type="tns:TX_LOG_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXASBER\_Type / tns:prodProdukt\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<pre>&lt;tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;produktNummer&gt;{0,1}&lt;/produktNummer&gt;   &lt;organisationID&gt;{1,1}&lt;/organisationID&gt; &lt;/tns:prodProdukt_ID&gt;</pre>
Source	<code>&lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXASBER\_Type / tns:berBerechtigung\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>
Source	<code>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXASBER\_Type / tns:transSelektionKriterien

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SelektionKriterien_Type

Type hierarchy	<ul style="list-style-type: none"> <li>• xs:dateTime</li> <li>• tns:DateTime</li> <li>• tns:SelektionKriterien_Type</li> </ul>
Properties	content: simple
Source	<code>&lt;xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXANLN\_Type / tns:prodAbrechnungsVerfahren

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Abrechnungsverfahren_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:Abrechnungsverfahren_CODE_Type</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Keine Angabe
	enumeration	1	Pre-Paid
	enumeration	2	Post-Paid
	enumeration	3	Trip-Paid
Source	<xs:element name="prodAbrechnungsVerfahren" type="ion:Abrechnungsverfahren_CODE_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

## Element tns:TXANLN\_Type / tns:berBezahlArt

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:Bezahlart_CODE_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT1</li> <li>• tns:Bezahlart_CODE_Type</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<code>&lt;xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element tns:TXANLN\_Type / tns:prodProdukt\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<pre>&lt;tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;produktNummer&gt;{0,1}&lt;/produktNummer&gt;   &lt;organisationID&gt;{1,1}&lt;/organisationID&gt; &lt;/tns:prodProdukt_ID&gt;</pre>
Source	<code>&lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXANLN\_Type / tns:berBerechtigung\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>
Source	<code>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXANLN\_Type / tns:transSelektionKriterien

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SelektionKriterien_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:dateTime</li> <li>tns:DateTime</li> <li>tns:SelektionKriterien_Type</li> </ul>
Properties	content: simple
Source	<code>&lt;xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXANLN\_Type / tns:txpp

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_PP_Type

Properties	content: complex
Model	tns:ppLeistungsPreis, tns:ppMehrwertsteuer
Children	tns:ppLeistungsPreis, tns:ppMehrwertsteuer
Instance	<pre>&lt;tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:ppLeistungsPreis&gt;{1,1}&lt;/tns:ppLeistungsPreis&gt;   &lt;tns:ppMehrwertsteuer&gt;{1,1}&lt;/tns:ppMehrwertsteuer&gt; &lt;/tns:txpp&gt;</pre>
Source	<code>&lt;xs:element name="txpp" type="tns:TX_PP_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXANLN\_Type / tns:txafblog

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_AFBLOG_Type
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	tns:afbLogFahrgastTyp, tns:afbLogVerkehrsmittelart, tns:afbLogServiceKlasse, tns:afbLogDynamischerRabattParameter, tns:afbLogMitnahme+, tns:txberlog, tns:txlog
Children	tns:afbLogDynamischerRabattParameter, tns:afbLogFahrgastTyp, tns:afbLogMitnahme, tns:afbLogServiceKlasse, tns:afbLogVerkehrsmittelart, tns:txberlog, tns:txlog
Instance	<pre>&lt;tns:txafblog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:afbLogFahrgastTyp&gt;{1,1}&lt;/tns:afbLogFahrgastTyp&gt;   &lt;tns:afbLogVerkehrsmittelart&gt;{1,1}&lt;/tns:afbLogVerkehrsmittelart&gt;   &lt;tns:afbLogServiceKlasse&gt;{1,1}&lt;/tns:afbLogServiceKlasse&gt;   &lt;tns:afbLogDynamischerRabattParameter&gt;{1,1}&lt;/tns:afbLogDynamischerRabattParameter&gt;   &lt;tns:afbLogMitnahme&gt;{1,unbounded}&lt;/tns:afbLogMitnahme&gt;   &lt;tns:txberlog&gt;{1,1}&lt;/tns:txberlog&gt;   &lt;tns:txlog&gt;{1,1}&lt;/tns:txlog&gt; &lt;/tns:txafblog&gt;</pre>
Source	<code>&lt;xs:element name="txafblog" type="tns:TX_AFBLOG_Type" minOccurs="1" maxOccurs="unbounded"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


## Element tns:TXAUSEFS\_Type / tns:prodAbrechnungsverfahren

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Abrechnungsverfahren_CODE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:Abrechnungsverfahren_CODE_Type</li> </ul>
Properties	content: simple



Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Keine Angabe
	enumeration	1	Pre-Paid
	enumeration	2	Post-Paid
	enumeration	3	Trip-Paid
Source	<xs:element name="prodAbrechnungsverfahren" type="ion:Abrechnungsverfahren_CODE_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

### Element tns:TXAUSEFS\_Type / tns:berBezahlMittel

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:OctetString10		
Properties	content:	simple	
Facets	length	10	
Source	<xs:element name="berBezahlMittel" type="ct:OctetString10"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

### Element tns:TXAUSEFS\_Type / tns:berBezahlArt

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Bezahlart_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:Bezahlart_CODE_Type</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
Source	<xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

### Element tns:TXAUSEFS\_Type / tns:prodProdukt\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	<pre>classDiagram     class prodProdukt_ID     class ion_EFMProdukt_ID_Type["ion:EFMProdukt_ID_Type"]     class produktNummer     class organisationID     prodProdukt_ID "1" *-- "1" ion_EFMProdukt_ID_Type     ion_EFMProdukt_ID_Type "1" *-- "1" produktNummer     ion_EFMProdukt_ID_Type "1" *-- "1" organisationID</pre>
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<pre>&lt;tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;produktNummer&gt;{0,1}&lt;/produktNummer&gt;</pre>

	<code>&lt;organisationID&gt;{1,1}&lt;/organisationID&gt;</code> <code>&lt;/tns:prodProdukt_ID&gt;</code>
Source	<code>&lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXAUSEFS_Type` / `tns:berBerechtigung_ID`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	<code>tns:Berechtigung_ID_Type</code>
Properties	content: complex
Model	<code>berechtigungNummer</code> , <code>kvp_ID</code>
Children	<code>berechtigungNummer</code> , <code>kvp_ID</code>
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>
Source	<code>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXAUSEFS_Type` / `tns:transSelektionKriterien`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	<code>tns:SelektionKriterien_Type</code>
Type hierarchy	<ul style="list-style-type: none"> <li><code>xs:dateTime</code></li> <li><code>tns:DateTime</code></li> <li><code>tns:SelektionKriterien_Type</code></li> </ul>
Properties	content: simple
Source	<code>&lt;xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXAUSEFS_Type` / `tns:txpp`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	<code>tns:TX_PP_Type</code>
Properties	content: complex
Model	<code>tns:ppLeistungsPreis</code> , <code>tns:ppMehrwertsteuer</code>
Children	<code>tns:ppLeistungsPreis</code> , <code>tns:ppMehrwertsteuer</code>
Instance	<pre>&lt;tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:ppLeistungsPreis&gt;{1,1}&lt;/tns:ppLeistungsPreis&gt;   &lt;tns:ppMehrwertsteuer&gt;{1,1}&lt;/tns:ppMehrwertsteuer&gt; &lt;/tns:txpp&gt;</pre>

Source	<code>&lt;xs:element name="txpp" type="tns:TX_PP_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

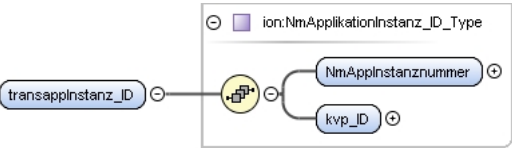
## Element tns:TXAUSEFS\_Type / tns:txefslog

Namespace	http://vdv/ka/kvp-dl-pv/2						
Diagram							
Type	tns:TX_EFSLOG_Type						
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	tns:efsFahrgastTyp, tns:efsVerkehrsmittelKategorie, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsZielort_ID, tns:efsViaOrte_IDs, tns:efsLogMitnahme+, tns:txberlog, tns:txlog						
Children	tns:efsFahrgastTyp, tns:efsLogMitnahme, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsVerkehrsmittelKategorie, tns:efsViaOrte_IDs, tns:efsZielort_ID, tns:txberlog, tns:txlog						
Instance	<pre> &lt;tns:txefslog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:efsFahrgastTyp&gt;{1,1}&lt;/tns:efsFahrgastTyp&gt;   &lt;tns:efsVerkehrsmittelKategorie&gt;{1,1}&lt;/tns:efsVerkehrsmittelKategorie&gt;   &lt;tns:efsLogServiceKlasse&gt;{1,1}&lt;/tns:efsLogServiceKlasse&gt;   &lt;tns:efsServiceKlasseExtra&gt;{1,1}&lt;/tns:efsServiceKlasseExtra&gt;   &lt;tns:efsStartort_ID&gt;{1,1}&lt;/tns:efsStartort_ID&gt;   &lt;tns:efsZielort_ID&gt;{1,1}&lt;/tns:efsZielort_ID&gt;   &lt;tns:efsViaOrte_IDs&gt;{1,1}&lt;/tns:efsViaOrte_IDs&gt;   &lt;tns:efsLogMitnahme&gt;{1,unbounded}&lt;/tns:efsLogMitnahme&gt;   &lt;tns:txberlog&gt;{1,1}&lt;/tns:txberlog&gt;   &lt;tns:txlog&gt;{1,1}&lt;/tns:txlog&gt; &lt;/tns:txefslog&gt; </pre>						
Source	<code>&lt;xs:element name="txefslog" type="tns:TX_EFSLOG_Type" minOccurs="1" maxOccurs="unbounded"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd						

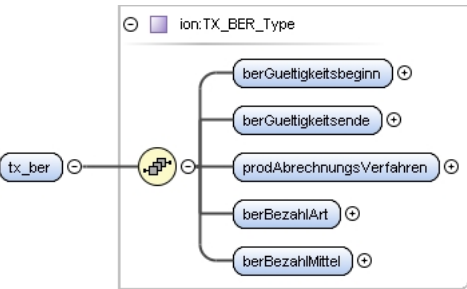
## Element tns:TXADM\_Type / tns:transMediennummer

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<code>&lt;xs:element name="transMediennummer" type="ct:OctetString10"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


## Element **tns:TXADM\_Type** / **tns:transappInstanz\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;tns:transappInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:transappInstanz_ID&gt;</pre>
Source	<pre>&lt;xs:element name="transappInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

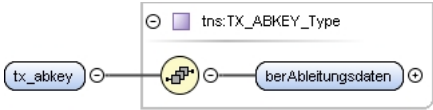
## Element **tns:TXAEBER\_Type** / **tns:tx\_ber**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_BER_Type
Properties	content: complex
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren
Instance	<pre>&lt;tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berGueltigkeitsbeginn&gt;{1,1}&lt;/berGueltigkeitsbeginn&gt;   &lt;berGueltigkeitsende&gt;{1,1}&lt;/berGueltigkeitsende&gt;   &lt;prodAbrechnungsVerfahren&gt;{1,1}&lt;/prodAbrechnungsVerfahren&gt;   &lt;berBezahlArt&gt;{1,1}&lt;/berBezahlArt&gt;   &lt;berBezahlMittel&gt;{1,1}&lt;/berBezahlMittel&gt; &lt;/tns:tx_ber&gt;</pre>
Source	<pre>&lt;xs:element name="tx_ber" type="ion:TX_BER_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


## Element **tns:TXAEBER\_Type** / **tns:berechtigungTarifbereich**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<pre>&lt;xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

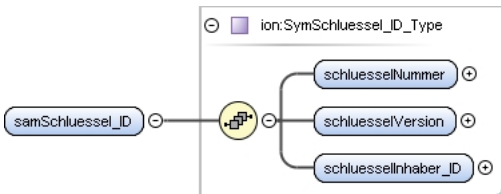
## Element **tns:TXEMBER\_Type** / **tns:tx\_abkey**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_ABKEY_Type
Properties	content: complex
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Instance	<pre>&lt;tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:berAbleitungsdaten&gt;{1,1}&lt;/tns:berAbleitungsdaten&gt; &lt;/tns:tx_abkey&gt;</pre>
Source	<pre>&lt;xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXASKON\_Type** / **tns:samSAM\_ID**

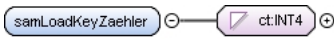
Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:SAM_ID_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT3                 <ul style="list-style-type: none"> <li>tns:ReferenceNumberThree                     <ul style="list-style-type: none"> <li>tns:SAM_ID_Type</li> </ul> </li> </ul> </li> </ul> </li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<pre>&lt;xs:element name="samSAM_ID" type="ion:SAM_ID_Type" /&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element **tns:TXASKON\_Type** / **tns:samSchluessel\_ID**

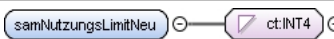
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;tns:samSchluessel_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/tns:samSchluessel_ID&gt;</pre>
Source	<pre>&lt;xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type" /&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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### Element **tns:TXASKON\_Type** / **tns:samLoadKeyZaehler**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:INT4				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Source	<code>&lt;xs:element name="samLoadKeyZaehler" type="ct:INT4" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

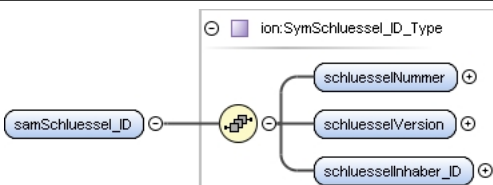
### Element **tns:TXASKON\_Type** / **tns:samNutzungsLimitNeu**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:INT4				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Source	<code>&lt;xs:element name="samNutzungsLimitNeu" type="ct:INT4" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element **tns:TXUEBERKON\_Type** / **tns:samSAM\_ID**


Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:SAM_ID_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT3 <ul style="list-style-type: none"> <li>tns:ReferenceNumberThree <ul style="list-style-type: none"> <li>tns:SAM_ID_Type</li> </ul> </li> </ul> </li> </ul> </li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<code>&lt;xs:element name="samSAM_ID" type="ion:SAM_ID_Type" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element **tns:TXUEBERKON\_Type** / **tns:samSchluessel\_ID**


Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;tns:samSchluessel_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/tns:samSchluessel_ID&gt;</pre>
Source	<code>&lt;xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

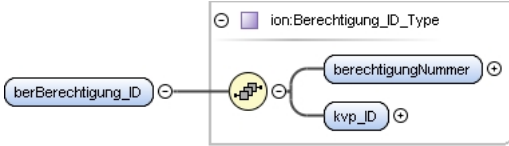
## Element tns:TXUEBERKON\_Type / tns:samLoadKeyZaehler

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:INT4				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Source	<code>&lt;xs:element name="samLoadKeyZaehler" type="ct:INT4" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element tns:TXUEBERKON\_Type / tns:samNutzungsLimitGen

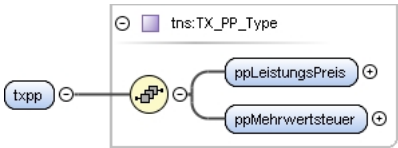
Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:INT4				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Source	<code>&lt;xs:element name="samNutzungsLimitGen" type="ct:INT4" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element tns:TXBEKODL\_Type / tns:berBerechtigung\_ID

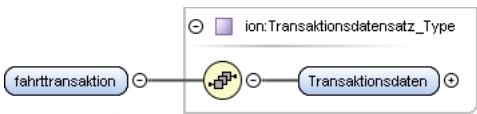
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>

Source	<code>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

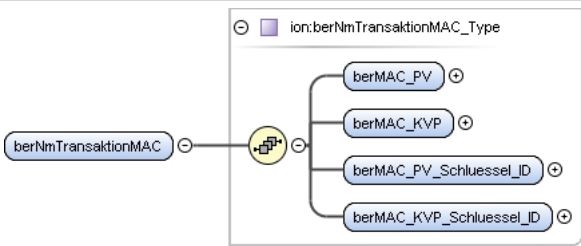
### Element **tns:TXBEKODL\_Type** / **tns:txpp**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	 The diagram shows a root element 'txpp' connected to a complex content element (yellow circle with a plus sign). This complex element contains two child elements: 'ppLeistungsPreis' and 'ppMehrwertsteuer'.
Type	tns:TX_PP_Type
Properties	content: complex
Model	tns:ppLeistungsPreis, tns:ppMehrwertsteuer
Children	tns:ppLeistungsPreis, tns:ppMehrwertsteuer
Instance	<pre>&lt;tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tns:ppLeistungsPreis&gt;{1,1}&lt;/tns:ppLeistungsPreis&gt;   &lt;tns:ppMehrwertsteuer&gt;{1,1}&lt;/tns:ppMehrwertsteuer&gt; &lt;/tns:txpp&gt;</pre>
Source	<code>&lt;xs:element name="txpp" type="tns:TX_PP_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TXBEKODL\_Type** / **tns:fahrttransaktion**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	 The diagram shows a root element 'fahrttransaktion' connected to a complex content element (yellow circle with a plus sign). This complex element contains one child element: 'Transaktionsdaten'.
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex maxOccurs: unbounded
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:fahrttransaktion&gt;</pre>
Source	<code>&lt;xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type" maxOccurs="unbounded"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TXBEKODL\_Type** / **tns:berNmTransaktionMAC**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	 The diagram shows a root element 'berNmTransaktionMAC' connected to a complex content element (yellow circle with a plus sign). This complex element contains four child elements: 'berMAC_PV', 'berMAC_KVP', 'berMAC_PV_Schlüssel_ID', and 'berMAC_KVP_Schlüssel_ID'.
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex



Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<code>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXGKO\_Type / tns:belastungstransaktionBerechtigung

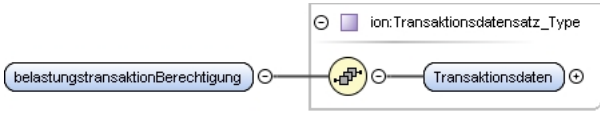
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:belastungstransaktionBerechtigung&gt;</pre>
Source	<code>&lt;xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXGKO\_Type / tns:berNmTransaktionMAC

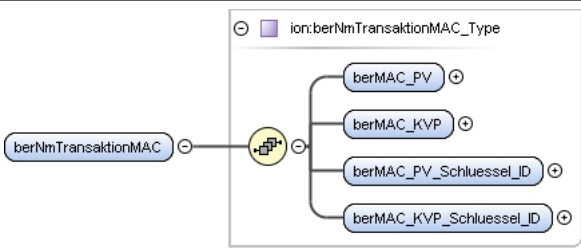
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<code>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXGWEB\_Type / tns:belastungstransaktionBerechtigung

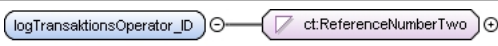
Namespace	http://vdv/ka/kvp-dl-pv/2
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Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/tns:belastungstransaktionBerechtigung&gt;</pre>
Source	<pre>&lt;xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXGWEB\_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Instance	<pre>&lt;tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/tns:berNmTransaktionMAC&gt;</pre>
Source	<pre>&lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element tns:TXKNAWA\_Type / tns:logTransaktionsOperator\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:ReferenceNumberTwo				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>				
Properties	content: simple				
Facets	<table border="1"> <tr> <td>maxInclusive</td> <td>65535</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<pre>&lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element `tns:TXKNAWA_Type` / `tns:logTerminal_ID`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<pre>&lt;tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;terminalTyp&gt;{1,1}&lt;/terminalTyp&gt;   &lt;terminalNummer&gt;{1,1}&lt;/terminalNummer&gt;   &lt;terminalOwner_ID&gt;{1,1}&lt;/terminalOwner_ID&gt; &lt;/tns:logTerminal_ID&gt;</pre>
Source	<pre>&lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type" /&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXKNAWA_Type` / `tns:logTransaktionsZeitpunkt`

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<pre>&lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact" /&gt;</pre>				
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element `tns:TXKNAWA_Type` / `tns:logTransaktionsOrt_ID`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:logTransaktionsOrt_ID&gt;</pre>
Source	<pre>&lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type" /&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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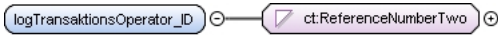
## Element **tns:TXKNAWA\_Type** / **tns:logValidationCode**

Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Validation_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:Validation_CODE_Type</li> </ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Keine Angabe
	enumeration	1	Daten nicht authentisch
	enumeration	2	Zeitlich ungueltig
	enumeration	3	Raeumlich ungueltig
	enumeration	4	Persoenlich ungueltig (fuer personengebundene Objekte)
	enumeration	5	gesperrter SAM (nur Statische Berechtigung)
	enumeration	6	gesperrte ORG (nur Statische Berechtigung)
	enumeration	7	sym. Schluessel gesperrt oder nicht vorhanden
	enumeration	8	asym. Schluessel gesperrt oder nicht vorhanden
	enumeration	9	Status im App. Verzeichnis nicht gesetzt
	enumeration	10	Ausgabetransaktionskennung fehlt
	enumeration	11	Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel
	enumeration	19	gesperrt (EN 1545-1 blocked (19))
Source	<xs:element name="logValidationCode" type="tns:Validation_CODE_Type" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

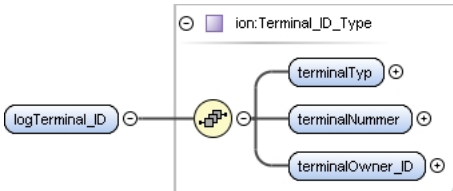
## Element **tns:TXKNAWA\_Type** / **tns:appInstanz\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	<pre>graph LR     appInstanz_ID((appInstanz_ID)) --- complexType[ ]     complexType --- NmAppInstanznummer((NmAppInstanznummer))     complexType --- kvp_ID((kvp_ID))</pre>
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;tns:appInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:appInstanz_ID&gt;</pre>
Source	<pre>&lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


## Element **tns:TXKNAWB\_Type** / **tns:logTransaktionsOperator\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<code>&lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXKNAWB\_Type** / **tns:logTerminal\_ID**

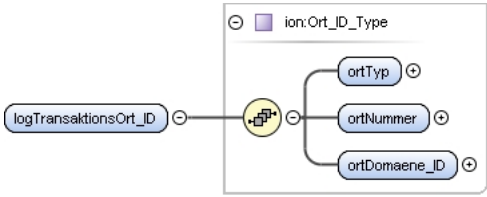
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNumber , terminalOwner_ID
Children	terminalNumber, terminalOwner_ID, terminalTyp
Instance	<pre>&lt;tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;terminalTyp&gt;{1,1}&lt;/terminalTyp&gt;   &lt;terminalNumber&gt;{1,1}&lt;/terminalNumber&gt;   &lt;terminalOwner_ID&gt;{1,1}&lt;/terminalOwner_ID&gt; &lt;/tns:logTerminal_ID&gt;</pre>
Source	<code>&lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXKNAWB\_Type** / **tns:logTransaktionsZeitpunkt**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<code>&lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXKNAWB\_Type** / **tns:logTransaktionsOrt\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
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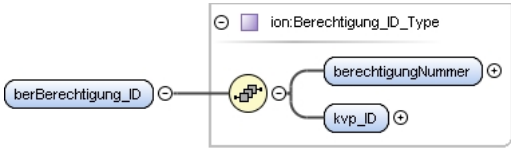
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/tns:logTransaktionsOrt_ID&gt;</pre>
Source	<code>&lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXKNAWB\_Type / tns:logValidationCode

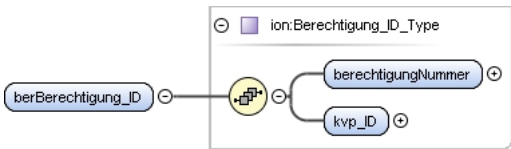
Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:Validation_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:Validation_CODE_Type</li> </ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Keine Angabe
	enumeration	1	Daten nicht authentisch
	enumeration	2	Zeitlich unguelteig
	enumeration	3	Raeumlich unguelteig
	enumeration	4	Persoenlich unguelteig (fuer personengebundene Objekte)
	enumeration	5	gesperreter SAM (nur Statische Berechtigung)
	enumeration	6	gesperreter ORG (nur Statische Berechtigung)
	enumeration	7	sym. Schluessel gesperreter oder nicht vorhanden
	enumeration	8	asym. Schluessel gesperreter oder nicht vorhanden
	enumeration	9	Status im App. Verzeichnis nicht gesetzt
	enumeration	10	Ausgabetransaktionskennung fehlt
	enumeration	11	Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel
	enumeration	19	gesperreter (EN 1545-1 blocked (19))
Source	<code>&lt;xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/&gt;</code>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

## Element tns:TXKNAWB\_Type / tns:berBerechtigung\_ID

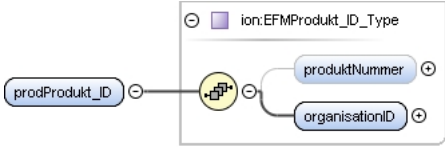
Namespace	http://vdv/ka/kvp-dl-pv/2
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Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>
Source	<pre>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

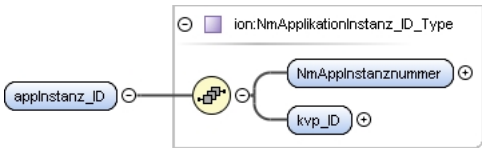
### Element tns:TXSANFB\_Type / tns:berBerechtigung\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berBerechtigung_ID&gt;</pre>
Source	<pre>&lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

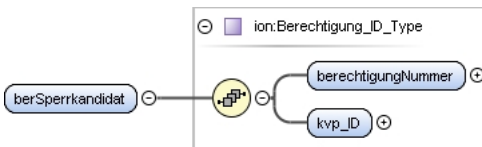
### Element tns:TXSANFB\_Type / tns:prodProdukt\_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<pre>&lt;tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;produktNummer&gt;{0,1}&lt;/produktNummer&gt;   &lt;organisationID&gt;{1,1}&lt;/organisationID&gt; &lt;/tns:prodProdukt_ID&gt;</pre>
Source	<pre>&lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


## Element **tns:TXSANFA\_Type** / **tns:appInstanz\_ID**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;tns:appInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:appInstanz_ID&gt;</pre>
Source	<pre>&lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXSMITB\_Type** / **tns:berSperrkandidat**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<pre>&lt;tns:berSperrkandidat xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berSperrkandidat&gt;</pre>
Source	<pre>&lt;xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd


## Element **tns:TXSMITO\_Type** / **tns:orgSperrkandidat**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:Organisation_ID				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<pre>&lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID" /&gt;</pre>				

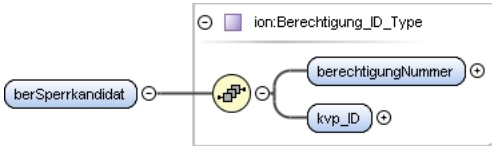


Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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### Element **tns:TXSMITS\_Type** / **tns:samSperrkandidat**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:SAM_ID_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3</li> <li>tns:ReferenceNumberThree</li> <li>tns:SAM_ID_Type</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<code>&lt;xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Element **tns:TXSFREIMITB\_Type** / **tns:berSperrkandidat**

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer, kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<code>&lt;tns:berSperrkandidat xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;berechtigungNummer&gt;{1,1}&lt;/berechtigigungNummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/tns:berSperrkandidat&gt;</code>
Source	<code>&lt;xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Element **tns:TXSFREIMITO\_Type** / **tns:orgSperrkandidat**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:Organisation_ID				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				

Source	<code>&lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXSFREIMITS\_Type** / **tns:samSperrkandidat**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:SAM_ID_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3</li> <li>tns:ReferenceNumberThree</li> <li>tns:SAM_ID_Type</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<code>&lt;xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Element **tns:TXADM**

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Antwort auf Anfrage wegen Defektem Medium
Diagram	
Type	tns:TXADM_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXADM_Type</li> </ul>
Properties	content: complex
Model	txbase, tns:transMediennummer, tns:transappInstanz_ID
Children	tns:transMediennummer, tns:transappInstanz_ID, txbase
Instance	<pre>&lt;tns:TXADM xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:transMediennummer&gt;{1,1}&lt;/tns:transMediennummer&gt;   &lt;tns:transappInstanz_ID&gt;{1,1}&lt;/tns:transappInstanz_ID&gt; &lt;/tns:TXADM&gt;</pre>
Source	<code>&lt;xs:element name="TXADM" type="tns:TXADM_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Antwort auf Anfrage wegen Defektem Medium&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element **tns:TXAEBER**

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung einer Berechtigung (nicht moeglich bei EFS)

Diagram	
Type	tns:TXAEBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAEBER_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich
Children	tns:berechtigungTarifbereich, tns:tx_ber, txbase
Instance	<pre>&lt;tns:TXAEBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:tx_ber&gt;{1,1}&lt;/tns:tx_ber&gt;   &lt;tns:berechtigungTarifbereich&gt;{1,1}&lt;/tns:berechtigungTarifbereich&gt; &lt;/tns:TXAEBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXAEBER" type="tns:TXAEBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Aenderung einer Berechtigung (nicht moeglich bei EFS)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXAS

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aufforderung zum Senden
Diagram	
Type	tns:TXAS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAS_Type</li> </ul>
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp
Children	transSendeAuftrag, transSendeAuftragstyp, txbase
Instance	<pre>&lt;tns:TXAS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transSendeAuftrag&gt;{1,1}&lt;/transSendeAuftrag&gt;   &lt;transSendeAuftragstyp&gt;{1,1}&lt;/transSendeAuftragstyp&gt; &lt;/tns:TXAS&gt;</pre>
Source	<pre>&lt;xs:element name="TXAS" type="ion:TXAS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Aufforderung zum Senden&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM
Diagram	
Type	tns:TXASKON_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAS_Type</li> <li>tns:TXASKON_Type</li> </ul>
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitNeu
Children	tns:samLoadKeyZaehler, tns:samNutzungsLimitNeu, tns:samSAM_ID, tns:samSchluessel_ID, transSendeAuftrag, transSendeAuftragstyp, txbase
Instance	<pre> &lt;tns:TXASKON xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transSendeAuftrag&gt;{1,1}&lt;/transSendeAuftrag&gt;   &lt;transSendeAuftragstyp&gt;{1,1}&lt;/transSendeAuftragstyp&gt;   &lt;tns:samSAM_ID&gt;{1,1}&lt;/tns:samSAM_ID&gt;   &lt;tns:samSchluessel_ID&gt;{1,1}&lt;/tns:samSchluessel_ID&gt;   &lt;tns:samLoadKeyZaehler&gt;{1,1}&lt;/tns:samLoadKeyZaehler&gt;   &lt;tns:samNutzungsLimitNeu&gt;{1,1}&lt;/tns:samNutzungsLimitNeu&gt; &lt;/tns:TXASKON&gt; </pre>
Source	<pre> &lt;xs:element name="TXASKON" type="tns:TXASKON_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM

Diagram	
Type	tns:TXUEBERKON_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXUEBERKON_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitGen
Children	tns:samLoadKeyZaehler, tns:samNutzungsLimitGen, tns:samSAM_ID, tns:samSchluessel_ID, txbase
Instance	<pre> &lt;tns:TXUEBERKON xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:samSAM_ID&gt;{1,1}&lt;/tns:samSAM_ID&gt;   &lt;tns:samSchluessel_ID&gt;{1,1}&lt;/tns:samSchluessel_ID&gt;   &lt;tns:samLoadKeyZaehler&gt;{1,1}&lt;/tns:samLoadKeyZaehler&gt;   &lt;tns:samNutzungsLimitGen&gt;{1,1}&lt;/tns:samNutzungsLimitGen&gt; &lt;/tns:TXUEBERKON&gt; </pre>
Source	<pre> &lt;xs:element name="TXUEBERKON" type="tns:TXUEBERKON_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXBEKODL

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).
Diagram	
Type	tns:TXBEKODL_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXBEKODL_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:berBerechtigung_ID , tns:txpp , tns:fahrttransaktion+ , tns:berNmTransaktionMAC
Children	tns:berBerechtigung_ID, tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:txpp, txbase

Instance	<pre>&lt;tns:TXBEKODL xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:txpp&gt;{1,1}&lt;/tns:txpp&gt;   &lt;tns:fahrttransaktion&gt;{1,unbounded}&lt;/tns:fahrttransaktion&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXBEKODL&gt;</pre>
Source	<pre>&lt;xs:element name="TXBEKODL" type="tns:TXBEKODL_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung     des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter     Fahrttransaktionen vom DL).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXGKO

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Gutschrift POB/PEB nach Ruecknahme Kauf eines EFS (analog TXBEKOKVP)
Diagram	
Type	tns:TXGKO_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXGKO_Type</li> </ul>
Properties	content: complex
Model	txbase, tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Instance	<pre>&lt;tns:TXGKO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:belastungstransaktionBerechtigung&gt;{1,1}&lt;/tns:belastungstransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXGKO&gt;</pre>
Source	<pre>&lt;xs:element name="TXGKO" type="tns:TXGKO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Gutschrift POB/PEB nach Ruecknahme Kauf eines EFS (analog     TXBEKOKVP)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXGWEB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Gutschrift WEB nach Ruecknahme eines EFS (analog TXBEKOKVP)
Diagram	

Type	tns:TXGWEB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXGWEB_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Instance	<pre>&lt;tns:TXGWEB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:belastungstransaktionBerechtigung&gt;{1,1}&lt;/tns:belastungstransaktionBerechtigung&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt; &lt;/tns:TXGWEB&gt;</pre>
Source	<pre>&lt;xs:element name="TXGWEB" type="tns:TXGWEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Gutschrift WEB nach Ruecknahme eines EFS (analog TXBEKOKVP)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSANFB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperranforderung fuer eine Berechtigung
Diagram	
Type	tns:TXSANFB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>tns:TXSANFB_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Instance	<pre>&lt;tns:TXSANFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt; &lt;/tns:TXSANFB&gt;</pre>
Source	<pre>&lt;xs:element name="TXSANFB" type="tns:TXSANFB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperranforderung fuer eine Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSANFA

Namespace	http://vdv/ka/kvp-dl-pv/2
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Annotations	Element: Sperranforderung fuer eine Applikation
Diagram	
Type	tns:TXSANFA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>tns:TXSANFA_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, tns:appInstanz_ID, txbase
Instance	<pre>&lt;tns:TXSANFA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;tns:appInstanz_ID&gt;{1,1}&lt;/tns:appInstanz_ID&gt; &lt;/tns:TXSANFA&gt;</pre>
Source	<pre>&lt;xs:element name="TXSANFA" type="tns:TXSANFA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperranforderung fuer eine Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSAANFB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperraufhebungsanforderung fuer eine Berechtigung
Diagram	
Type	tns:TXSAANFB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>tns:TXSANFB_Type</li> <li>tns:TXSAANFB_Type</li> </ul>



Properties	content: complex
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Instance	<pre>&lt;tns:TXSAANFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt; &lt;/tns:TXSAANFB&gt;</pre>
Source	<pre>&lt;xs:element name="TXSAANFB" type="tns:TXSAANFB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperraufhebungsanforderung fuer eine Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSAANFA

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperraufhebungsanforderung fuer eine Applikation
Diagram	
Type	tns:TXSAANFA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type             <ul style="list-style-type: none"> <li>tns:TX_SANF_Type                 <ul style="list-style-type: none"> <li>tns:TXSAANFA_Type</li> </ul> </li> </ul> </li> </ul>
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:applInstanz_ID
Children	sperrSperrgrund, tns:applInstanz_ID, txbase
Instance	<pre>&lt;tns:TXSAANFA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;tns:applInstanz_ID&gt;{1,1}&lt;/tns:applInstanz_ID&gt; &lt;/tns:TXSAANFA&gt;</pre>
Source	<pre>&lt;xs:element name="TXSAANFA" type="tns:TXSAANFA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperraufhebungsanforderung fuer eine Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSMITB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrmitteilung Berechtigung

Diagram	
Type	tns:TXSMITB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITB_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase
Instance	<pre>&lt;tns:TXSMITB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;tns:berSperrkandidat&gt;{1,1}&lt;/tns:berSperrkandidat&gt; &lt;/tns:TXSMITB&gt;</pre>
Source	<pre>&lt;xs:element name="TXSMITB" type="tns:TXSMITB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrmitteilung Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSMITO

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrmitteilung Organisation
Diagram	
Type	tns:TXSMITO_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITO_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat

Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase
Instance	<pre>&lt;tns:TXSMITO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;tns:orgSperrkandidat&gt;{1,1}&lt;/tns:orgSperrkandidat&gt; &lt;/tns:TXSMITO&gt;</pre>
Source	<pre>&lt;xs:element name="TXSMITO" type="tns:TXSMITO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrmitteilung Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSMITS

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrmitteilung SAM
Diagram	
Type	tns:TXSMITS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITS_Type</li> </ul>
Properties	content: complex
Model	txbase, sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase
Instance	<pre>&lt;tns:TXSMITS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;tns:samSperrkandidat&gt;{1,1}&lt;/tns:samSperrkandidat&gt; &lt;/tns:TXSMITS&gt;</pre>
Source	<pre>&lt;xs:element name="TXSMITS" type="tns:TXSMITS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrmitteilung SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSFREIMITB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrfreigabemitteilung Berechtigung

Diagram	
Type	tns:TXSFREIMITB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITB_Type</li> </ul>
Properties	content: complex
Model	tbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, tbase
Instance	<pre>&lt;tns:TXSFREIMITB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;tbase&gt;{1,1}&lt;/tbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;tns:berSperrkandidat&gt;{1,1}&lt;/tns:berSperrkandidat&gt; &lt;/tns:TXSFREIMITB&gt;</pre>
Source	<pre>&lt;xs:element name="TXSFREIMITB" type="tns:TXSFREIMITB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrfreigabemitteilung Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSFREIMITO

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrfreigabemitteilung Organisation
Diagram	
Type	tns:TXSFREIMITO_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITO_Type</li> </ul>
Properties	content: complex
Model	tbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat

Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase
Instance	<pre>&lt;tns:TXSFREIMITO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;tns:orgSperrkandidat&gt;{1,1}&lt;/tns:orgSperrkandidat&gt; &lt;/tns:TXSFREIMITO&gt;</pre>
Source	<pre>&lt;xs:element name="TXSFREIMITO" type="tns:TXSFREIMITO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrfreigabemitteilung Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXSFREIMITS

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrfreigabemitteilung SAM
Diagram	
Type	tns:TXSFREIMITS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITS_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase
Instance	<pre>&lt;tns:TXSFREIMITS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrAnforderungBezug&gt;{1,1}&lt;/sperrAnforderungBezug&gt;   &lt;sperrEntscheidung&gt;{1,1}&lt;/sperrEntscheidung&gt;   &lt;tns:samSperrkandidat&gt;{1,1}&lt;/tns:samSperrkandidat&gt; &lt;/tns:TXSFREIMITS&gt;</pre>
Source	<pre>&lt;xs:element name="TXSFREIMITS" type="tns:TXSFREIMITS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperrfreigabemitteilung SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXAUSEFS

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Auskunft-EFS Berechtigung, Anzeige fuer Servicezwecke

Diagram	
Type	tns:TXAUSEFS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAUSEFS_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlMittel , tns:berBezahlArt , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien , tns:txpp , tns:txefslog+
Children	tns:berBerechtigung_ID, tns:berBezahlArt, tns:berBezahlMittel, tns:prodAbrechnungsVerfahren, tns:prodProdukt_ID, tns:transSelektionKriterien, tns:txefslog, tns:txpp, txbase
Instance	<pre> &lt;tns:TXAUSEFS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:prodAbrechnungsVerfahren&gt;{1,1}&lt;/tns:prodAbrechnungsVerfahren&gt;   &lt;tns:berBezahlMittel&gt;{1,1}&lt;/tns:berBezahlMittel&gt;   &lt;tns:berBezahlArt&gt;{1,1}&lt;/tns:berBezahlArt&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:transSelektionKriterien&gt;{1,1}&lt;/tns:transSelektionKriterien&gt;   &lt;tns:txpp&gt;{1,1}&lt;/tns:txpp&gt;   &lt;tns:txefslog&gt;{1,unbounded}&lt;/tns:txefslog&gt; &lt;/tns:TXAUSEFS&gt; </pre>
Source	<pre> &lt;xs:element name="TXAUSEFS" type="tns:TXAUSEFS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Auskunft-EFS Berechtigung, Anzeige fuer Servicezwecke&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXASBERAFB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Anforderung der Daten zur Anzeige einer Preisauskunft Fahrt AFB fuer eine Berechtigung aus dem PV System

Diagram	<p>The diagram illustrates the structure of the <code>tns:TXASBER_Type</code>. It is a complex type that extends <code>ion:TXAS_Type</code> (extension base). <code>ion:TXAS_Type</code> itself extends <code>tns:TX_BASE_Type</code> (extension base). <code>tns:TX_BASE_Type</code> contains a <code>txbase</code> element. <code>tns:TXASBER_Type</code> contains the following elements: <code>txbase</code>, <code>transSendeAuftrag</code>, <code>transSendeAuftragstyp</code>, <code>prodProdukt_ID</code>, <code>berBerechtigung_ID</code>, and <code>transSelektionKriterien</code>.</p>
Type	<code>tns:TXASBER_Type</code>
Type hierarchy	<ul style="list-style-type: none"> <li>• <code>tns:TX_BASE_Type</code></li> <li>• <code>tns:TXAS_Type</code></li> <li>• <code>tns:TXASBER_Type</code></li> </ul>
Properties	content: complex
Model	<code>txbase</code> , <code>transSendeAuftrag</code> , <code>transSendeAuftragstyp</code> , <code>tns:prodProdukt_ID</code> , <code>tns:berBerechtigung_ID</code> , <code>tns:transSelektionKriterien</code>
Children	<code>tns:berBerechtigung_ID</code> , <code>tns:prodProdukt_ID</code> , <code>tns:transSelektionKriterien</code> , <code>transSendeAuftrag</code> , <code>transSendeAuftragstyp</code> , <code>txbase</code>
Instance	<pre> &lt;tns:TXASBERAFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transSendeAuftrag&gt;{1,1}&lt;/transSendeAuftrag&gt;   &lt;transSendeAuftragstyp&gt;{1,1}&lt;/transSendeAuftragstyp&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:transSelektionKriterien&gt;{1,1}&lt;/tns:transSelektionKriterien&gt; &lt;/tns:TXASBERAFB&gt; </pre>
Source	<pre> &lt;xs:element name="TXASBERAFB" type="tns:TXASBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Anforderung der Daten zur Anzeige einer Preisauskunft Fahrt AFB fuer eine Berechtigung aus dem PV System&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element `tns:TXASBEREFS`

Namespace	<code>http://vdv/ka/kvp-dl-pv/2</code>
Annotations	Element: Anforderung der Daten zur Anzeige einer Preisauskunft ESB (post paid) fuer eine Berechtigung aus dem PV System
Diagram	<p>The diagram illustrates the structure of the <code>tns:TXASBEREFS</code> element. It is a complex type that extends <code>ion:TXAS_Type</code> (extension base). <code>ion:TXAS_Type</code> itself extends <code>tns:TX_BASE_Type</code> (extension base). <code>tns:TX_BASE_Type</code> contains a <code>txbase</code> element. <code>tns:TXASBEREFS</code> contains the following elements: <code>txbase</code>, <code>transSendeAuftrag</code>, <code>transSendeAuftragstyp</code>, <code>prodProdukt_ID</code>, <code>berBerechtigung_ID</code>, and <code>transSelektionKriterien</code>.</p>

Type	tns:TXASBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAS_Type</li> <li>tns:TXASBER_Type</li> </ul>
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien
Children	tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:transSelektionKriterien, transSendeAuftrag, transSendeAuftragstyp, txbase
Instance	<pre>&lt;tns:TXASBEREFS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transSendeAuftrag&gt;{1,1}&lt;/transSendeAuftrag&gt;   &lt;transSendeAuftragstyp&gt;{1,1}&lt;/transSendeAuftragstyp&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;   &lt;tns:transSelektionKriterien&gt;{1,1}&lt;/tns:transSelektionKriterien&gt; &lt;/tns:TXASBEREFS&gt;</pre>
Source	<pre>&lt;xs:element name="TXASBEREFS" type="tns:TXASBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Anforderung der Daten zur Anzeige einer Preisauskunft ESB (post paid) fuer eine Berechtigung aus dem PV System&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXANLN

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Antwort auf Anforderung der Daten zur Anzeige einer Berechtigung aus dem PV System
Diagram	
Type	tns:TXANLN_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXANLN_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlArt , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien , tns:txpp , tns:txafblog+
Children	tns:berBerechtigung_ID, tns:berBezahlArt, tns:prodAbrechnungsVerfahren, tns:prodProdukt_ID, tns:transSelektionKriterien, tns:txafblog, tns:txpp, txbase
Instance	<pre>&lt;tns:TXANLN xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:prodAbrechnungsVerfahren&gt;{1,1}&lt;/tns:prodAbrechnungsVerfahren&gt;   &lt;tns:berBezahlArt&gt;{1,1}&lt;/tns:berBezahlArt&gt;   &lt;tns:prodProdukt_ID&gt;{1,1}&lt;/tns:prodProdukt_ID&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt;</pre>



	<pre> &lt;tns:transSelektionKriterien&gt;{1,1}&lt;/tns:transSelektionKriterien&gt; &lt;tns:txpp&gt;{1,1}&lt;/tns:txpp&gt; &lt;tns:txafblog&gt;{1,unbounded}&lt;/tns:txafblog&gt; &lt;/tns:TXANLN&gt; </pre>
Source	<pre> &lt;xs:element name="TXANLN" type="tns:TXANLN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Antwort auf Anforderung der Daten zur Anzeige einer Berechtigung aus dem PV System&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXKNAWA

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungeltigen Applikation
Diagram	
Type	tns:TXKNAWA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXKNAWA_Type</li> </ul>
Properties	content: complex
Model	txbase, tns:logTransaktionsOperator_ID, tns:logTerminal_ID, tns:logTransaktionsZeitpunkt, tns:logTransaktionsOrt_ID, tns:logValidationCode, tns:applInstanz_ID
Children	tns:applInstanz_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase
Instance	<pre> &lt;tns:TXKNAWA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:logTransaktionsOperator_ID&gt;{1,1}&lt;/tns:logTransaktionsOperator_ID&gt;   &lt;tns:logTerminal_ID&gt;{1,1}&lt;/tns:logTerminal_ID&gt;   &lt;tns:logTransaktionsZeitpunkt&gt;{1,1}&lt;/tns:logTransaktionsZeitpunkt&gt;   &lt;tns:logTransaktionsOrt_ID&gt;{1,1}&lt;/tns:logTransaktionsOrt_ID&gt;   &lt;tns:logValidationCode&gt;{1,1}&lt;/tns:logValidationCode&gt;   &lt;tns:applInstanz_ID&gt;{1,1}&lt;/tns:applInstanz_ID&gt; &lt;/tns:TXKNAWA&gt; </pre>
Source	<pre> &lt;xs:element name="TXKNAWA" type="tns:TXKNAWA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungeltigen Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXKNAWB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungeltigen Berechtigung oder einer gueltigen

	statischen Berechtigung (z.B. Barcode)
Diagram	
Type	tns:TXKNAWB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXKNAWB_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:berBerechtigung_ID
Children	tns:berBerechtigung_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase
Instance	<pre>&lt;tns:TXKNAWB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:logTransaktionsOperator_ID&gt;{1,1}&lt;/tns:logTransaktionsOperator_ID&gt;   &lt;tns:logTerminal_ID&gt;{1,1}&lt;/tns:logTerminal_ID&gt;   &lt;tns:logTransaktionsZeitpunkt&gt;{1,1}&lt;/tns:logTransaktionsZeitpunkt&gt;   &lt;tns:logTransaktionsOrt_ID&gt;{1,1}&lt;/tns:logTransaktionsOrt_ID&gt;   &lt;tns:logValidationCode&gt;{1,1}&lt;/tns:logValidationCode&gt;   &lt;tns:berBerechtigung_ID&gt;{1,1}&lt;/tns:berBerechtigung_ID&gt; &lt;/tns:TXKNAWB&gt;</pre>
Source	<pre>&lt;xs:element name="TXKNAWB" type="tns:TXKNAWB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)&lt;/ xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Element tns:TXEMBER

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Erfassung einer Multiberechtigung
Diagram	
Type	tns:TXEMBER_Type

Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TXEBER_Type</li> <li>• tns:TXEMBER_Type</li> </ul>
Properties	content: complex
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:tx_abkey, txbase
Instance	<pre>&lt;tns:TXEMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;tns:fahrttransaktion&gt;{1,1}&lt;/tns:fahrttransaktion&gt;   &lt;tns:berNmTransaktionMAC&gt;{1,1}&lt;/tns:berNmTransaktionMAC&gt;   &lt;tns:tx_abkey&gt;{1,1}&lt;/tns:tx_abkey&gt; &lt;/tns:TXEMBER&gt;</pre>
Source	<pre>&lt;xs:element name="TXEMBER" type="tns:TXEMBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Erfassung einer Multiberechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type(s)

### Complex Type tns:TXEBER\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2				
Annotations	Typ: Erfassung einer Berechtigungstransaktion				
Diagram					
Type	extension of tns:TX_BASE_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TXEBER_Type</li> </ul>				
Used by	<table> <tr> <td>Element</td><td>tns:TXEBER</td></tr> <tr> <td>Complex Type</td><td>tns:TXEMBER_Type</td></tr> </table>	Element	tns:TXEBER	Complex Type	tns:TXEMBER_Type
Element	tns:TXEBER				
Complex Type	tns:TXEMBER_Type				
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC				
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase				
Source	<pre>&lt;xs:complexType name="TXEBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Erfassung einer Berechtigungstransaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Complex Type tns:TXAENBER\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Aenderung der Nutzertarifparameter einer

	Berechtigung
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAENBER_Type</li> </ul>
Used by	Element tns:TXAENBER
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase
Source	<pre> &lt;xs:complexType name="TXAENBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Aenderung der Nutzertarifparameter einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXTRANSABBRUCH\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXTRANSABBRUCH_Type</li> </ul>
Used by	Element tns:TXTRANSABBRUCH
Model	txbase , tns:AllgemeineTransaktionsdaten , tns:MKAH-PV-NM-MAC_ID{0,1} , tns:MKAH-PV-Nutzungszaehler{0,1} , tns:MKKVP--NM-MAC_ID{0,1} , tns:MKKVP-Nutzungszaehler{0,1}
Children	tns:AllgemeineTransaktionsdaten, tns:MKAH-PV-NM-MAC_ID, tns:MKAH-PV-Nutzungszaehler, tns:MKKVP--NM-MAC_ID, tns:MKKVP-Nutzungszaehler, txbase
Source	<pre> &lt;xs:complexType name="TXTRANSABBRUCH_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element ref="tns:AllgemeineTransaktionsdaten"/&gt; </pre>

	<pre> &lt;xs:element name="MKAH-PV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1" /&gt; &lt;xs:element name="MKAH-PV-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1" /&gt; &lt;xs:element name="MKKVP--NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1" /&gt; &lt;xs:element name="MKKVP-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1" /&gt; &lt;/xs:sequence&gt; &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:NmTransaktion\_ID\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Datenstruktur Nm_Transaktion_ID
Diagram	
Used by	Element tns:AllgemeineTransaktionsdaten/tns:logNmTransaktion_ID
Model	tns:samSequenznummer, tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Source	<pre> &lt;xs:complexType name="NmTransaktion_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Datenstruktur Nm_Transaktion_ID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="samSequenznummer" type="ct:SequenceNumberFour" /&gt;     &lt;xs:element name="SAM_ID.samNummer" type="ion:SAM_ID_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXABER\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2				
Annotations	Typ: Ausgabe einer Berechtigung				
Diagram					
Type	extension of tns:TX_BASE_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXABER_Type</li> </ul>				
Used by	<table> <tr> <td>Element</td><td>tns:TXABER</td></tr> <tr> <td>Complex Type</td><td>tns:TXAMBER_Type</td></tr> </table>	Element	tns:TXABER	Complex Type	tns:TXAMBER_Type
Element	tns:TXABER				
Complex Type	tns:TXAMBER_Type				
Model	txbase, tns:tx_ber, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz{0,1}, tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC				
Children	tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_ber, txbase				
Source	<pre> &lt;xs:complexType name="TXABER_Type"&gt; </pre>				

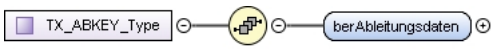
	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Typ: Ausgabe einer Berechtigung&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexType&gt;   &lt;xs:extension base="ion:TX_BASE_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="tx_ber" type="ion:TX_BER_Type"/&gt;       &lt;xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/&gt;       &lt;!-- Wegen TXABER in TXANTWORT in PE-Spez ist dieses Element optional --&gt;       &lt;xs:element name="berechtigungTarifbereichZusatz" type="xs:hexBinary" minOccurs="0"/&gt;       &lt;xs:element name="ausgabeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/&gt;       &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexType&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXABER\_Type

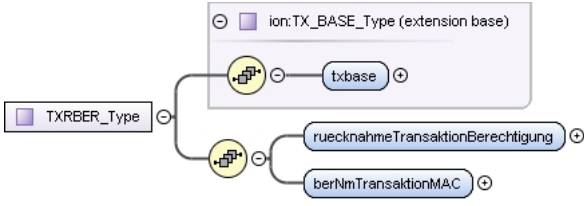
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Ausgabemeldung einer Multiberechtigung
Diagram	
Type	extension of tns:TXABER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXABER_Type</li> <li>tns:TXABER_Type</li> </ul>
Used by	Element tns:TXABER
Model	txbase, tns:tx_ber, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz{0,1}, tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:tx_abkey
Children	tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_abkey, tns:tx_ber, txbase
Source	<pre> &lt;xs:complexType name="TXABER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ausgabemeldung einer Multiberechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TXABER_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TX\_ABKEY\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
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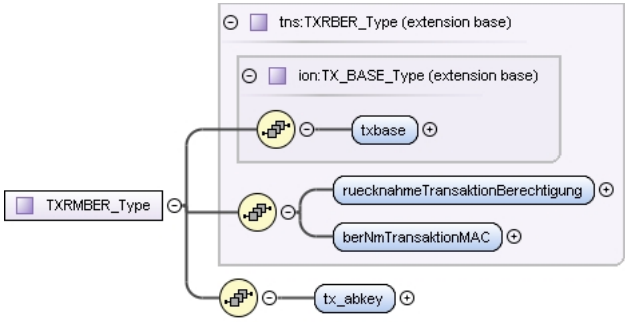
Annotations	Typ: Ableitungsdaten fuer eine Multiberechtigung
Diagram	
Used by	Elements tns:TXAMBER_Type/tns:tx_abkey, tns:TXEMBER_Type/tns:tx_abkey, tns:TXRMBER_Type/tns:tx_abkey
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Source	<pre>&lt;xs:complexType name="TX_ABKEY_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ableitungsdaten fuer eine Multiberechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="berAbleitungsdaten" type="ct:OctetString10"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXRBER\_Type

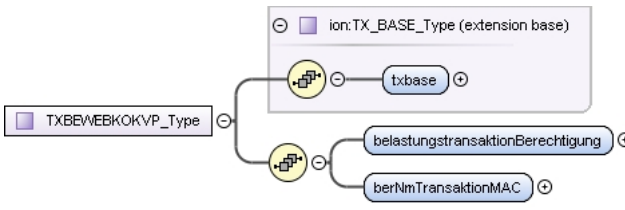
Namespace	http://vdv/ka/kvp-dl-pv/2				
Annotations	Typ: Ruecknahme einer Berechtigung				
Diagram					
Type	extension of tns:TX_BASE_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXRBER_Type</li> </ul>				
Used by	<table border="1"> <tr> <td>Element</td> <td>tns:TXRBER</td> </tr> <tr> <td>Complex Type</td> <td>tns:TXRMBER_Type</td> </tr> </table>	Element	tns:TXRBER	Complex Type	tns:TXRMBER_Type
Element	tns:TXRBER				
Complex Type	tns:TXRMBER_Type				
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC				
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase				
Source	<pre>&lt;xs:complexType name="TXRBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ruecknahme einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="ruecknahmeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Complex Type tns:TXRMBER\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Ruecknahme einer Multiberechtigung

Diagram	
Type	extension of tns:TXRBER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TXRBER_Type</li> <li>• tns:TXRMBER_Type</li> </ul>
Used by	Element tns:TXRMBER
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, tns:tx_abkey, txbase
Source	<pre> &lt;xs:complexType name="TXRMBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ruecknahme einer Multiberechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TXRBER_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXBEWEBKOKVP\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Gemeinsamer Typ: Belastung POB/PEB/WEB
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TXBEWEBKOKVP_Type</li> </ul>
Used by	Elements tns:TXBEKOKVP, tns:TXBEWEBKVP
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Source	<pre> &lt;xs:complexType name="TXBEWEBKOKVP_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Gemeinsamer Typ: Belastung POB/PEB/WEB&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type" /&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>



	<pre>&lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXLPEB\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Laden eines PEB-Kontos
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXLPEB_Type</li> </ul>
Used by	Element tns:TXLPEB
Model	txbase , tns:ezahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:ezahlungsbelegBerechtigung, txbase
Source	<pre>&lt;xs:complexType name="TXLPEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Laden eines PEB-Kontos&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="ezahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type"/&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXAEBER\_Type\_1\_3\_0

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Aenderung einer Berechtigung
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAEBER_Type_1_3_0</li> </ul>
Used by	Element tns:TXAEBER_1_3_0
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereichDaten , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	tns:berBerechtigung_ID, tns:berechtigungTarifbereichDaten, tns:prodProdukt_ID, tns:tx_ber, txbase
Source	<pre>&lt;xs:complexType name="TXAEBER_Type_1_3_0"&gt;   &lt;xs:annotation&gt;</pre>

	<pre> &lt;xs:documentation&gt;Typ: Aenderung einer Berechtigung&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexContent&gt;   &lt;xs:extension base="ion:TX_BASE_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="tx_ber" type="ion:TX_BER_Type"/&gt;       &lt;xs:element name="berechtigungTarifbereichDaten" type="xs:hexBinary"/&gt;       &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;       &lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

### Complex Type tns:Mitnahme\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Datenstruktur Ort_ID
Diagram	<pre> classDiagram     class Mitnahme_Type {         mitnahmeTyp         mitnahmeAnzahl     } </pre>
Used by	Elements tns:TX_AFBLOG_Type/tns:afbLogMitnahme, tns:TX_EFSLOG_Type/tns:efsLogMitnahme
Model	tns:mitnahmeTyp, tns:mitnahmeAnzahl
Children	tns:mitnahmeAnzahl, tns:mitnahmeTyp
Source	<pre> &lt;xs:complexType name="Mitnahme_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Datenstruktur Ort_ID&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="mitnahmeTyp" type="tns:Profil_CODE_Type"/&gt;     &lt;xs:element name="mitnahmeAnzahl" type="ct:INT1"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:Linie\_ID\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Die Linie_ID kennzeichnet eine Linie eindeutig im gesamten Geltungsbereich der Kernapplikation
Diagram	<pre> classDiagram     class Linie_ID_Type {         linienNummer         linieDomaene_ID     } </pre>
Used by	Element tns:LinieVariante_ID_Type/tns:linie_ID
Model	tns:linienNummer, tns:linieDomaene_ID
Children	tns:linieDomaene_ID, tns:linienNummer
Source	<pre> &lt;xs:complexType name="Linie_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Die Linie_ID kennzeichnet eine Linie eindeutig im gesamten Geltungsbereich der Kernapplikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="linienNummer" type="ct:ReferenceNumberTwo"/&gt;     &lt;xs:element name="linieDomaene_ID" type="ka:Organisation_ID"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:LinieVariante\_ID\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Die LinieVariante_ID kennzeichnet eine Linienvariante eindeutig im

	gesamten Geltungsbereich der Kernapplikation
Diagram	
Used by	Element tns:TX_BERLOG_Type/tns:berLogLinieVariante_ID
Model	tns:variantenNummer , tns:linie_ID
Children	tns:linie_ID, tns:variantenNummer
Source	<pre>&lt;xs:complexType name="LinieVariante_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Die LinieVariante_ID kennzeichnet eine Linienvariante eindeutig im     gesamten Geltungsbereich der Kernapplikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="variantenNummer" type="ct:ReferenceNumberOne"/&gt;     &lt;xs:element name="linie_ID" type="tns:Linie_ID_Type"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:Fahrt\_ID\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Die Fahrt_ID kennzeichnet eine Fahrt eindeutig im gesamten Geltungsbereich der Kernapplikation
Diagram	
Used by	Element tns:TX_BERLOG_Type/tns:berLogFahrt_ID
Model	tns:fahrtNummer , tns:fahrtBetreiber_ID
Children	tns:fahrtBetreiber_ID, tns:fahrtNummer
Source	<pre>&lt;xs:complexType name="Fahrt_ID_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Die Fahrt_ID kennzeichnet eine Fahrt eindeutig im gesamten     Geltungsbereich der Kernapplikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="fahrtNummer" type="ct:ReferenceNumberThree"/&gt;     &lt;xs:element name="fahrtBetreiber_ID" type="ka:Organisation_ID"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:EFSViaOrtsListe\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Liste der Orte, die bei einer Fahrt durchfahren werden
Diagram	
Used by	Element tns:TX_EFSLOG_Type/tns:efsViaOrte_IDs
Model	tns:efsViaort_ID{0,3}
Children	tns:efsViaort_ID
Source	<pre>&lt;xs:complexType name="EFSViaOrtsListe_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:Liste der Orte, die bei einer Fahrt durchfahren werden&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="efsViaort_ID" type="ion:Ort_ID_Type" minOccurs="0" maxOccurs="3"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TX\_PP\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Basisdaten fuer Preise
Diagram	
Used by	Elements tns:TXANLN_Type/tns:txpp, tns:TXAUSEFS_Type/tns:txpp, tns:TXBEKODL_Type/tns:txpp
Model	tns:ppLeistungsPreis , tns:ppMehrwertsteuer
Children	tns:ppLeistungsPreis, tns:ppMehrwertsteuer
Source	<pre> &lt;xs:complexType name="TX_PP_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Basisdaten fuer Preise&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ppLeistungsPreis" type="tns:Amount65535" /&gt;     &lt;xs:element name="ppMehrwertsteuer" type="ct:INT2" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TX\_BERLOG\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Berechtigung
Diagram	
Used by	Elements tns:TX_AFBLOG_Type/tns:txberlog, tns:TX_EFSLOG_Type/tns:txberlog
Model	tns:berLogLinieVariante_ID , tns:berLogFahrt_ID
Children	tns:berLogFahrt_ID, tns:berLogLinieVariante_ID
Source	<pre> &lt;xs:complexType name="TX_BERLOG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="berLogLinieVariante_ID" type="tns:LinieVariante_ID_Type" /&gt;     &lt;xs:element name="berLogFahrt_ID" type="tns:Fahrt_ID_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TX\_LOG\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Transaktion
Diagram	
Used by	Elements tns:TX_AFBLOG_Type/tns:txlog, tns:TX_EFSLOG_Type/tns:txlog
Model	tns:logTransaktionsoperator_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsort_ID , tns:logTransaktionsTyp_ID
Children	tns:logTransaktionsTyp_ID, tns:logTransaktionsZeitpunkt_ID, tns:logTransaktionsoperator_ID, tns:logTransaktionsort_ID
Source	<pre> &lt;xs:complexType name="TX_LOG_Type"&gt;   &lt;xs:annotation&gt; </pre>

	<pre> &lt;xs:documentation&gt;Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Transaktion&lt;/ xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:sequence&gt;   &lt;xs:element name="logTransaktionsoperator_ID" type="ka:Organisation_ID" /&gt;   &lt;xs:element name="logTransaktionsZeitpunkt_ID" type="ct:DateTimeCompact" /&gt;   &lt;xs:element name="logTransaktionsort_ID" type="ion:Ort_ID_Type" /&gt;   &lt;xs:element name="logTransaktionsTyp_ID" type="ion:NmTransaktionsTyp_CODE" /&gt; &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TX\_AFBLOG\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen einer AFB
Diagram	
Used by	Element tns:TXANLN_Type/tns:txafblog
Model	tns:afbLogFahrgastTyp , tns:afbLogVerkehrsmittelart , tns:afbLogServiceKlasse , tns:afbLogDynamischerRabattParameter , tns:afbLogMitnahme+ , tns:txberlog , tns:txlog
Children	tns:afbLogDynamischerRabattParameter, tns:afbLogFahrgastTyp, tns:afbLogMitnahme, tns:afbLogServiceKlasse, tns:afbLogVerkehrsmittelart, tns:txberlog, tns:txlog
Source	<pre> &lt;xs:complexType name="TX_AFBLOG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:Basisdatensatz zur Anzeige von Log-Informationen einer AFB&lt;/ xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="afbLogFahrgastTyp" type="tns:Kudentyp_CODE_Type" /&gt;     &lt;xs:element name="afbLogVerkehrsmittelart" type="tns:Transportserviceart_CODE_Type" /&gt;     &lt;xs:element name="afbLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type" /&gt;     &lt;xs:element name="afbLogDynamischerRabattParameter" type="ct:OctetString4" /&gt;     &lt;!-- SST 1107 "List of: Mitnahme" 6.5 Tabelle 6-87 --&gt;     &lt;xs:element name="afbLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded" /&gt;     &lt;xs:element name="txberlog" type="tns:TX_BERLOG_Type" /&gt;     &lt;xs:element name="txlog" type="tns:TX_LOG_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TX\_EFSLOG\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen eines EFS

Diagram	
Used by	Element tns:TXAUSEFS_Type/tns:txefslog
Model	tns:efsFahrgastTyp, tns:efsVerkehrsmittelKategorie, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsZielort_ID, tns:efsViaOrte_IDs, tns:efsLogMitnahme+, tns:txberlog, tns:txlog
Children	tns:efsFahrgastTyp, tns:efsLogMitnahme, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsVerkehrsmittelKategorie, tns:efsViaOrte_IDs, tns:efsZielort_ID, tns:txberlog, tns:txlog
Source	<pre> &lt;xs:complexType name="TX_EFSLOG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:Basisdatensatz zur Anzeige von Log-Informationen eines EFS&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="efsFahrgastTyp" type="tns:Kundentyp_CODE_Type" /&gt;     &lt;xs:element name="efsVerkehrsmittelKategorie" type="tns:TransportmittelKategorie_CODE_Type" /&gt;     &lt;xs:element name="efsLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type" /&gt;     &lt;xs:element name="efsServiceKlasseExtra" type="tns:ServiceKlasseExtra_CODE_Type" /&gt;     &lt;xs:element name="efsStartort_ID" type="ion:Ort_ID_Type" /&gt;     &lt;xs:element name="efsZielort_ID" type="ion:Ort_ID_Type" /&gt;     &lt;xs:element name="efsViaOrte_IDs" type="tns:EFSSViaOrtsListe_Type" /&gt;     &lt;!-- SST 1107 "List of: Mitnahme" 6.5 Tabelle 6-87 --&gt;     &lt;xs:element name="efsLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded" /&gt;     &lt;xs:element name="txberlog" type="tns:TX_BERLOG_Type" /&gt;     &lt;xs:element name="txlog" type="tns:TX_LOG_Type" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXASBER\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Anzeige Leistungsnachweise einer Berechtigung
Diagram	
Type	extension of tns:TXAS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAS_Type</li> </ul>

	<ul style="list-style-type: none"> <li>tns:TXASBER_Type</li> </ul>
Used by	Elements tns:TXASBERAFB, tns:TXASBEREFS
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien
Children	tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:transSelektionKriterien, transSendeAuftrag, transSendeAuftragstyp, txbase
Source	<pre>&lt;xs:complexType name="TXASBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:Anzeige Leistungsnachweise einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TXAS_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;         &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;         &lt;xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXANLN\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Anzeige Leistungsnachweise einer Berechtigung
Diagram	<pre> graph TD     TXANLN_Type[ion:TXANLN_Type] -- extension --&gt; TX_BASE_Type[ion:TX_BASE_Type]     TXANLN_Type -- sequence --&gt; prodAbrechnungsVerfahren[prodAbrechnungsVerfahren]     TXANLN_Type -- sequence --&gt; berBezahlArt[berBezahlArt]     TXANLN_Type -- sequence --&gt; prodProdukt_ID[prodProdukt_ID]     TXANLN_Type -- sequence --&gt; berBerechtigung_ID[berBerechtigung_ID]     TXANLN_Type -- sequence --&gt; transSelektionKriterien[transSelektionKriterien]     TXANLN_Type -- sequence --&gt; txpp[txpp]     TXANLN_Type -- sequence --&gt; txafblog[txafblog 1..∞]   </pre>
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXANLN_Type</li> </ul>
Used by	Element tns:TXANLN
Model	txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlArt , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien , tns:txpp , tns:txafblog+
Children	tns:berBerechtigung_ID, tns:berBezahlArt, tns:prodAbrechnungsVerfahren, tns:prodProdukt_ID, tns:transSelektionKriterien, tns:txafblog, tns:txpp, txbase
Source	<pre>&lt;xs:complexType name="TXANLN_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:Anzeige Leistungsnachweise einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="prodAbrechnungsVerfahren" type="ion:Abrechnungsverfahren_CODE_Type"/&gt;         &lt;xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/&gt;         &lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;         &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;         &lt;xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/&gt;         &lt;xs:element name="txpp" type="tns:TX_PP_Type"/&gt;         &lt;xs:element name="txafblog" type="tns:TX_AFBLOG_Type" minOccurs="1" maxOccurs="unbounded"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>

	<code>&lt;/xs:complexType&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type `tns:TXAUSEFS_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Stellt dem kontofuehrenden KVP alle zu einer EFS-Berechtigung bei einem PV erfassten Daten zur Anzeige fuer Servicezwecke zur Verfuegung
Diagram	<pre> classDiagram     class TXAUSEFS_Type     class ion_TX_BASE_Type["ion:TX_BASE_Type (extension base)"]     TXAUSEFS_Type -- &gt; ion_TX_BASE_Type     TXAUSEFS_Type --&gt; prodAbrechnungsVerfahren     TXAUSEFS_Type --&gt; berBezahlMittel     TXAUSEFS_Type --&gt; berBezahlArt     TXAUSEFS_Type --&gt; prodProdukt_ID     TXAUSEFS_Type --&gt; berBerechtigung_ID     TXAUSEFS_Type --&gt; transSelektionKriterien     TXAUSEFS_Type --&gt; txpp     TXAUSEFS_Type --&gt; txefslog : 1..∞     </pre>
Type	extension of <code>tns:TX_BASE_Type</code>
Type hierarchy	<ul style="list-style-type: none"> <li><code>tns:TX_BASE_Type</code> <ul style="list-style-type: none"> <li><code>tns:TXAUSEFS_Type</code></li> </ul> </li> </ul>
Used by	Element <code>tns:TXAUSEFS</code>
Model	<code>txbase</code> , <code>tns:prodAbrechnungsVerfahren</code> , <code>tns:berBezahlMittel</code> , <code>tns:berBezahlArt</code> , <code>tns:prodProdukt_ID</code> , <code>tns:berBerechtigung_ID</code> , <code>tns:transSelektionKriterien</code> , <code>tns:txpp</code> , <code>tns:txefslog</code> +
Children	<code>tns:berBerechtigung_ID</code> , <code>tns:berBezahlArt</code> , <code>tns:berBezahlMittel</code> , <code>tns:prodAbrechnungsVerfahren</code> , <code>tns:prodProdukt_ID</code> , <code>tns:transSelektionKriterien</code> , <code>tns:txefslog</code> , <code>tns:txpp</code> , <code>txbase</code>
Source	<pre> &lt;xs:complexType name="TXAUSEFS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ:Stellt dem kontofuehrenden KVP alle zu einer EFS-Berechtigung bei einem PV     erfassten Daten zur Anzeige fuer Servicezwecke zur Verfuegung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="prodAbrechnungsVerfahren" type="ion:Abrechnungsverfahren_CODE_Type"/&gt;         &lt;xs:element name="berBezahlMittel" type="ct:OctetString10"/&gt;         &lt;xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/&gt;         &lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;         &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;         &lt;xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/&gt;         &lt;xs:element name="txpp" type="tns:TX_PP_Type"/&gt;         &lt;xs:element name="txefslog" type="tns:TX_EFSLOG_Type" minOccurs="1" maxOccurs="unbounded"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type `tns:TXADM_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Antwort auf Anfrage wegen Defektem Medium



Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXADM_Type</li> </ul>
Used by	Element tns:TXADM
Model	txbase , tns:transMediennummer , tns:transappInstanz_ID
Children	tns:transMediennummer, tns:transappInstanz_ID, txbase
Source	<pre> &lt;xs:complexType name="TXADM_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Antwort auf Anfrage wegen Defektem Medium&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="transMediennummer" type="ct:OctetString10"/&gt;         &lt;xs:element name="transappInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXAEBER\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Aenderung einer Berechtigung
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXAEBER_Type</li> </ul>
Used by	Element tns:TXAEBER
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich
Children	tns:berechtigungTarifbereich, tns:tx_ber, txbase
Source	<pre> &lt;xs:complexType name="TXAEBER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Aenderung einer Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="tx_ber" type="ion:TX_BER_Type"/&gt;         &lt;xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:TXASKON\_Type

310

	<ul style="list-style-type: none"> <li>• tns:TXAS_Type</li> <li>• tns:TXASKON_Type</li> </ul>
Used by	Element tns:TXASKON
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitNeu
Children	tns:samLoadKeyZaehler, tns:samNutzungsLimitNeu, tns:samSAM_ID, tns:samSchluessel_ID, transSendeAuftrag, transSendeAuftragstyp, txbase
Source	<pre> &lt;xs:complexType name="TXASKON_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Anforderung eines neuen Kontingentes fuer einen PV-Schlüssel im SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TXAS_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="samSAM_ID" type="ion:SAM_ID_Type" /&gt;         &lt;xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type" /&gt;         &lt;xs:element name="samLoadKeyZaehler" type="ct:INT4" /&gt;         &lt;xs:element name="samNutzungsLimitNeu" type="ct:INT4" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXUEBERKON\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Genehmigung eines neuen Kontingentes fuer einen PV-Schlüssel im SAM
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TXUEBERKON_Type</li> </ul>
Used by	Element tns:TXUEBERKON
Model	txbase , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitGen
Children	tns:samLoadKeyZaehler, tns:samNutzungsLimitGen, tns:samSAM_ID, tns:samSchluessel_ID, txbase
Source	<pre> &lt;xs:complexType name="TXUEBERKON_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Genehmigung eines neuen Kontingentes fuer einen PV-Schlüssel im SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="samSAM_ID" type="ion:SAM_ID_Type" /&gt;         &lt;xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type" /&gt;         &lt;xs:element name="samLoadKeyZaehler" type="ct:INT4" /&gt;         &lt;xs:element name="samNutzungsLimitGen" type="ct:INT4" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXBEKODL\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXBEKODL_Type</li> </ul>
Used by	Element tns:TXBEKODL
Model	txbase , tns:berBerechtigung_ID , tns:txpp , tns:fahrttransaktion+ , tns:berNmTransaktionMAC
Children	tns:berBerechtigung_ID, tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:txpp, txbase
Source	<pre> &lt;xs:complexType name="TXBEKODL_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung     des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter     Fahrttransaktionen vom DL).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /&gt;         &lt;xs:element name="txpp" type="tns:TX_PP_Type" /&gt;         &lt;xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"           maxOccurs="unbounded" /&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXGKO\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Gutschrift POB/PEB
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXGKO_Type</li> </ul>
Used by	Element tns:TXGKO
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase

Source	<pre> &lt;xs:complexType name="TXGKO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Gutschrift POB/PEB&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type" /&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXGWEB\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Gutschrift WEB
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXGWEB_Type</li> </ul>
Used by	Element tns:TXGWEB
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Source	<pre> &lt;xs:complexType name="TXGWEB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Gutschrift WEB&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type" /&gt;         &lt;xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXKNAWA\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Applikation

Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TXKNAWA_Type</li> </ul>
Used by	Element tns:TXKNAWA
Model	txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:applInstanz_ID
Children	tns:applInstanz_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase
Source	<pre> &lt;xs:complexType name="TXKNAWA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/&gt;         &lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/&gt;         &lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/&gt;         &lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/&gt;         &lt;xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/&gt;         &lt;xs:element name="applInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXKNAWB\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)
Diagram	
Type	extension of tns:TX_BASE_Type

Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TXKNAWB_Type</li> </ul>
Used by	Element tns:TXKNAWB
Model	txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:berBerechtigung_ID
Children	tns:berBerechtigung_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase
Source	<pre> &lt;xs:complexType name="TXKNAWB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/&gt;         &lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/&gt;         &lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/&gt;         &lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/&gt;         &lt;xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/&gt;         &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXSANFB\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperranforderung fuer eine Berechtigung
Diagram	
Type	extension of tns:TX_SANF_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_SANF_Type</li> <li>• tns:TXSANFB_Type</li> </ul>
Used by	<div>Complex Type tns:TXSAANFB_Type</div> <div>Element tns:TXSANFB</div>
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Source	<pre> &lt;xs:complexType name="TXSANFB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperranforderung fuer eine Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SANF_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/&gt;         &lt;xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>

	<code>&lt;/xs:complexType&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type `tns:TXSANFA_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2				
Annotations	Typ: Sperranforderung fuer eine Applikation				
Diagram					
Type	extension of <code>tns:TX_SANF_Type</code>				
Type hierarchy	<ul style="list-style-type: none"> <li><code>tns:TX_BASE_Type</code> <ul style="list-style-type: none"> <li><code>tns:TX_SANF_Type</code> <ul style="list-style-type: none"> <li><code>tns:TXSANFA_Type</code></li> </ul> </li> </ul> </li> </ul>				
Used by	<table> <tr> <td>Complex Type</td><td><code>tns:TXSAANFA_Type</code></td></tr> <tr> <td>Element</td><td><code>tns:TXSANFA</code></td></tr> </table>	Complex Type	<code>tns:TXSAANFA_Type</code>	Element	<code>tns:TXSANFA</code>
Complex Type	<code>tns:TXSAANFA_Type</code>				
Element	<code>tns:TXSANFA</code>				
Model	<code>txbase</code> , <code>sperrSperrgrund</code> , <code>tns:applInstanz_ID</code>				
Children	<code>sperrSperrgrund</code> , <code>tns:applInstanz_ID</code> , <code>txbase</code>				
Source	<pre> &lt;xs:complexType name="TXSANFA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperranforderung fuer eine Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SANF_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="applInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

## Complex Type `tns:TXSAANFA_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperraufhebungsanforderung fuer eine Applikation
Diagram	
Type	extension of <code>tns:TXSANFA_Type</code>
Type hierarchy	<ul style="list-style-type: none"> <li><code>tns:TX_BASE_Type</code></li> </ul>



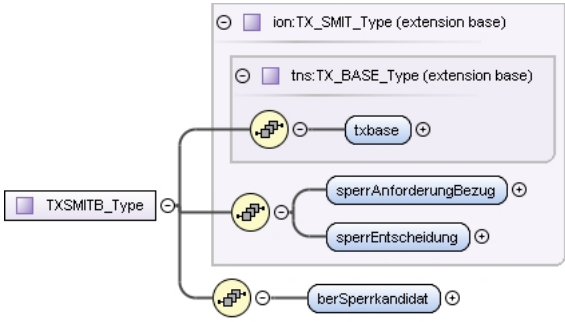
	<ul style="list-style-type: none"> <li>• tns:TX_SANF_Type</li> <li>• tns:TXSANFA_Type</li> <li>• tns:TXSAANFA_Type</li> </ul>
Used by	Element tns:TXSAANFA
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, tns:appInstanz_ID, txbase
Source	<pre>&lt;xs:complexType name="TXSAANFA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperraufhebungsanforderung fuer eine Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TXSANFA_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:TXSAANFB\_Type

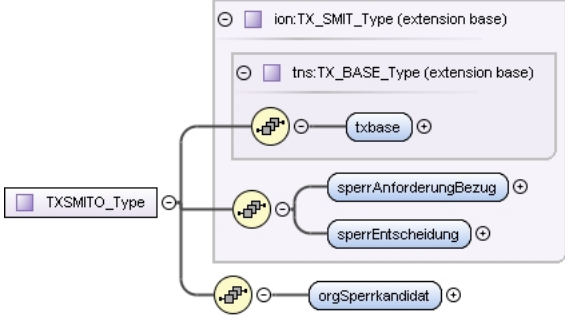
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperraufhebungsanforderung fuer eine Berechtigung
Diagram	
Type	extension of tns:TXSANFB_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• tns:TX_SANF_Type</li> <li>• tns:TXSANFB_Type</li> <li>• tns:TXSAANFB_Type</li> </ul>
Used by	Element tns:TXSAANFB
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Source	<pre>&lt;xs:complexType name="TXSAANFB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperraufhebungsanforderung fuer eine Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="tns:TXSANFB_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:TXSMITB\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperrmitteilung Berechtigung

Diagram	 The diagram shows the structure of the TXSMITB_Type complex type. It is an extension of the tns:TX_SMIT_Type. The structure consists of a sequence of three elements: txbase (extension base), sperrAnforderungBezug (extension base), and sperrEntscheidung (extension base). The txbase element is further extended by the tns:TX_BASE_Type, which contains the txbase element and the sperrAnforderungBezug and sperrEntscheidung elements. The sperrAnforderungBezug and sperrEntscheidung elements are further extended by the tns:berSperrkandidat, which contains the txbase element and the sperrAnforderungBezug and sperrEntscheidung elements.
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITB_Type</li> </ul>
Used by	Element tns:TXSMITB
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase
Source	<pre> &lt;xs:complexType name="TXSMITB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrmitteilung Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Complex Type tns:TXSMITO\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperrmitteilung Organisation
Diagram	 The diagram shows the structure of the TXSMITO_Type complex type. It is an extension of the tns:TX_SMIT_Type. The structure consists of a sequence of three elements: txbase (extension base), sperrAnforderungBezug (extension base), and orgSperrkandidat (extension base). The txbase element is further extended by the tns:TX_BASE_Type, which contains the txbase element and the sperrAnforderungBezug and sperrEntscheidung elements. The sperrAnforderungBezug and sperrEntscheidung elements are further extended by the tns:orgSperrkandidat, which contains the txbase element and the sperrAnforderungBezug and sperrEntscheidung elements.
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSMITO_Type</li> </ul>
Used by	Element tns:TXSMITO
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase
Source	<pre> &lt;xs:complexType name="TXSMITO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrmitteilung Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>

	<pre> &lt;xs:complexContent&gt;   &lt;xs:extension base="ion:TX_SMIT_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:TXSMITS\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperrmitteilung SAM
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type             <ul style="list-style-type: none"> <li>tns:TX_SMIT_Type                 <ul style="list-style-type: none"> <li>tns:TXSMITS_Type</li> </ul> </li> </ul> </li> </ul>
Used by	Element tns:TXSMITS
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase
Source	<pre> &lt;xs:complexType name="TXSMITS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrmitteilung SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:TXSFREIMITB\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperrfreigabemitteilung Berechtigung
Diagram	

Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITB_Type</li> </ul>
Used by	Element tns:TXSFREIMITB
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase
Source	<pre>&lt;xs:complexType name="TXSFREIMITB_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrfreigabemitteilung Berechtigung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:TXSFREIMITO\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperrfreigabemitteilung Organisation
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITO_Type</li> </ul>
Used by	Element tns:TXSFREIMITO
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase
Source	<pre>&lt;xs:complexType name="TXSFREIMITO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrfreigabemitteilung Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Complex Type tns:TXSFREIMITS\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2
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Annotations	Typ: Sperrfreigabemitteilung SAM
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SMIT_Type</li> <li>tns:TXSFREIMITS_Type</li> </ul>
Used by	Element tns:TXSFREIMITS
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase
Source	<pre> &lt;xs:complexType name="TXSFREIMITS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperrfreigabemitteilung SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SMIT_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Simple Type(s)

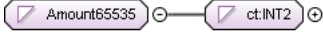
### Simple Type tns:Validation\_CODE\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2		
Annotations	BOM 6-62 Der Validation_CODE klassifiziert den Grund der Erstellung eines Kontrollnachweises ohne Transaktionsausfuehrung mit dem Nutzermedium		
Diagram			
Type	restriction of tns:INT1		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:Validation_CODE_Type</li></ul></li></ul></li></ul>		
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Keine Angabe
	enumeration	1	Daten nicht authentisch
	enumeration	2	Zeitlich ungueltig
	enumeration	3	Raeumlich ungueltig
	enumeration	4	Persoenlich ungueltig (fuer personengebundene Objekte)
	enumeration	5	gesperrter SAM (nur Statische Berechtigung)
	enumeration	6	gesperrte ORG (nur Statische Berechtigung)

	enumeration	7	sym. Schluessel gesperrt oder nicht vorhanden
	enumeration	8	asym. Schuessel gesperrt oder nicht vorhanden
	enumeration	9	Status im App. Verzeichnis nicht gesetzt
	enumeration	10	Ausgabetransaktionskennung fehlt
	enumeration	11	Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel
	enumeration	19	gesperrt (EN 1545-1 blocked (19))
Used by	Elements	tns:TXKNAWA_Type/tns:logValidationCode, tns:TXKNAWB_Type/tns:logValidationCode	
Source	<pre>&lt;xs:simpleType name="Validation_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;BOM 6-62 Der Validation_CODE klassifiziert den Grund der Erstellung eines     Kontrollnachweises ohne Transaktionsausfuehrung mit dem Nutzermedium&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Keine Angabe&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Daten nicht authentisch&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Zeitlich unguelteig&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="3"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Raeumlich unguelteig&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="4"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Persoenlich unguelteig (fuer personengebundene Objekte)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="5"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;gesperrter SAM (nur Statische Berechtigung)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="6"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;gesperrte ORG (nur Statische Berechtigung)&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="7"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;sym. Schluessel gesperrt oder nicht vorhanden&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="8"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;asym. Schuessel gesperrt oder nicht vorhanden&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="9"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Status im App. Verzeichnis nicht gesetzt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="10"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Ausgabetransaktionskennung fehlt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="11"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel&lt;/ xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="19"&gt;       &lt;xs:annotation&gt;</pre>		

	<pre> &lt;xs:documentation&gt;gesperrt (EN 1545-1 blocked (19))&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Simple Type **tns:Amount65535**

Namespace	http://vdv/ka/kvp-dl-pv/2				
Diagram					
Type	tns:INT2				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT2 <ul style="list-style-type: none"> <li>tns:Amount65535</li> </ul> </li> </ul> </li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Used by	Element tns:TX_PP_Type/tns:ppLeistungsPreis				
Source	<pre> &lt;xs:simpleType name="Amount65535"&gt;   &lt;xs:restriction base="ct:INT2"/&gt; &lt;/xs:simpleType&gt; </pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				


### Simple Type **tns:Profil\_CODE\_Type**

Namespace	http://vdv/ka/kvp-dl-pv/2		
Annotations	Typ: klassifiziert Kunden, Objekte, etc. bzgl. tarifrelevanter Gruppen des OePV BOM 6_45		
Diagram			
Type	restriction of tns:INT1		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:Profil_CODE_Type</li></ul></li></ul></li></ul>		
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	Erwachsener
	enumeration	2	Kind
	enumeration	3	Student
	enumeration	5	Behinderter
	enumeration	6	Sehbehinderter
	enumeration	7	Hoergeschaedigter
	enumeration	8	Arbeitsloser/Sozialhilfeempfaenger
	enumeration	9	Personal
	enumeration	10	Militaeranhehoeriger
	enumeration	19	Schueler
	enumeration	20	Azubi
	enumeration	25	Senior
Used by	Element	tns:Mitnahme_Type/tns:mitnahmeTyp	
Source	<xs:simpleType name="Profil_CODE_Type">		

	<pre> &lt;xs:annotation&gt;   &lt;xs:documentation&gt;Typ: klassifiziert Kunden, Objekte, etc. bzgl. tarifrelevanter Gruppen des   OePV BOM 6_45&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;!--       TODO: Fehler in BOM: Personal 7 Rechtschreibung + doppelt ?? Im anderen ist es richtig,       Personal = 9, habe ich so uebernommen --&gt; &lt;xs:restriction base="ct:INT1"&gt;   &lt;xs:enumeration value="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;nicht spezifiziert/unbestimmt&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Erwachsener&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="2"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Kind&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="3"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Student&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="5"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Behinderter&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="6"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Sehbehinderter&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="7"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;HoergeschaeDIGter&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="8"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Arbeitsloser/Sozialhilfeempfaenger&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="9"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Personal&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="10"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Militaeranhehoeriger&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="19"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Schueler&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="20"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Azubi&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="25"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Senior&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd



## Simple Type `tns:SelektionKriterien_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Selektionskriterion in XML Datumform. BOM 1107 Tabelle 6-18, heisst dort 'XML'
Diagram	
Type	tns:DateTime
Type hierarchy	<ul style="list-style-type: none"> <li>xs:dateTime</li> <li>tns:DateTime</li> <li>tns:SelektionKriterien_Type</li> </ul>
Used by	Elements tns:TXANLN_Type/tns:transSelektionKriterien, tns:TXASBER_Type/tns:transSelektionKriterien, tns:TXAUSEFS_Type/tns:transSelektionKriterien
Source	<pre>&lt;xs:simpleType name="SelektionKriterien_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Selektionskriterion in XML Datumform. BOM 1107 Tabelle 6-18, heisst dort 'XML'&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:DateTime"/&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Simple Type `tns:Kundentyp_CODE_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2		
Annotations	Der Kundentyp_CODE klassifiziert Kunden bzgl. typischer tarifrelevanter Kundengruppen des OePV. BOM 6-38		
Diagram			
Type	restriction of tns:INT1		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:Kundentyp_CODE_Type</li></ul></li></ul></li></ul>		
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	Erwachsener
	enumeration	2	Kind
	enumeration	3	Student
	enumeration	5	Behinderter
	enumeration	6	Sehbehinderter
	enumeration	7	Hoergeschaedigter
	enumeration	8	Arbeitsloser/Sozialhilfeempfaenger
	enumeration	9	Personal
	enumeration	10	Militaeranhehoeriger
	enumeration	19	Schueler
	enumeration	20	Azubi
	enumeration	25	Senior
	Used by	Elements	tns:TX_AFBLOG_Type/tns:afbLogFahrgastTyp, tns:TX_EFSLOG_Type/tns:efsFahrgastTyp
Source	<pre>&lt;xs:simpleType name="Kundentyp_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der Kundentyp_CODE klassifiziert Kunden bzgl. typischer tarifrelevanter     Kundengruppen des OePV. BOM 6-38&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="tns:INT1"/&gt; &lt;/xs:simpleType&gt;</pre>		

	<pre> &lt;/xs:annotation&gt; &lt;xs:restriction base="ct:INT1"&gt;   &lt;xs:enumeration value="0"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;nicht spezifiziert/unbestimmt&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="1"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Erwachsener&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="2"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Kind&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="3"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Student&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="5"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Behinderter&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="6"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Sehbehinderter&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="7"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Hoergeschaedigter&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="8"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Arbeitsloser/Sozialhilfeempfaenger&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="9"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Personal&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="10"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Militaeranhoeriger&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="19"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Schueler&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="20"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Azubi&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt;   &lt;xs:enumeration value="25"&gt;     &lt;xs:annotation&gt;       &lt;xs:documentation&gt;Senior&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:enumeration&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Simple Type `tns:ServiceKlasse_CODE_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	<p>Der ServiceKlasse_CODE klassifiziert Servicequalitaeten der Transportdienstleistung.</p> <p>Haeufigstes Beispiel ist die Unterscheidung in 1. und 2. Klasse.</p> <p>BOM 6-49</p>

Diagram																
Type	restriction of tns:INT1															
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:ServiceKlasse_CODE_Type</li></ul></li></ul></li></ul>															
Facets	<table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>nicht spezifiziert/unbestimmt</td></tr><tr><td>enumeration</td><td>1</td><td>1. Klasse</td></tr><tr><td>enumeration</td><td>2</td><td>2. Klasse</td></tr></table>	maxInclusive	255		minInclusive	0		enumeration	0	nicht spezifiziert/unbestimmt	enumeration	1	1. Klasse	enumeration	2	2. Klasse
maxInclusive	255															
minInclusive	0															
enumeration	0	nicht spezifiziert/unbestimmt														
enumeration	1	1. Klasse														
enumeration	2	2. Klasse														
Used by	Elements tns:TX_AFBLOG_Type/tns:afbLogServiceKlasse, tns:TX_EFSLOG_Type/tns:efsLogServiceKlasse															
Source	<pre>&lt;xs:simpleType name="ServiceKlasse_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der ServiceKlasse_CODE klassifiziert Servicequalitaeten der     Transportdienstleistung. Haeufigstes Beispiel ist die Unterscheidung in 1. und 2. Klasse. BOM     6-49&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht spezifiziert/unbestimmt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;1. Klasse&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;2. Klasse&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>															
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd															

## Simple Type tns:ServiceKlasseExtra\_CODE\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2																										
Annotations	Der ServiceKlasseExtra_CODE klassifiziert zusaetzliche Services/Servicequalitaeten im Zusammenhang mit der Transportdienstleistung. BOM 6-50																										
Diagram																											
Type	restriction of tns:INT1																										
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:ServiceKlasseExtra_CODE_Type</li></ul></li></ul></li></ul>																										
Facets	<table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>nicht spezifiziert/unbestimmt</td></tr><tr><td>enumeration</td><td>1</td><td>Fruehstueck</td></tr><tr><td>enumeration</td><td>2</td><td>Mittagessen</td></tr><tr><td>enumeration</td><td>3</td><td>Abendessen</td></tr><tr><td>enumeration</td><td>4</td><td>Buffet</td></tr><tr><td>enumeration</td><td>5</td><td>Imbiss</td></tr></table>			maxInclusive	255		minInclusive	0		enumeration	0	nicht spezifiziert/unbestimmt	enumeration	1	Fruehstueck	enumeration	2	Mittagessen	enumeration	3	Abendessen	enumeration	4	Buffet	enumeration	5	Imbiss
maxInclusive	255																										
minInclusive	0																										
enumeration	0	nicht spezifiziert/unbestimmt																									
enumeration	1	Fruehstueck																									
enumeration	2	Mittagessen																									
enumeration	3	Abendessen																									
enumeration	4	Buffet																									
enumeration	5	Imbiss																									

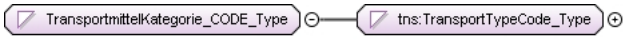
Used by	Element tns:TX_EFSLOG_Type/tns:efsServiceKlasseExtra
Source	<pre> &lt;xs:simpleType name="ServiceKlasseExtra_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der ServiceKlasseExtra_CODE klassifiziert zusaetzliche Services/     Servicequalitaeten im Zusammenhang mit der Transportdienstleistung. BOM 6-50&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;xs:enumeration value="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;nicht spezifiziert/unbestimmt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="1"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fruehstueck&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="2"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Mittagessen&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="3"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Abendessen&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="4"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Buffet&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="5"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Imbiss&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

## Simple Type tns:TransportTypeCode\_Type

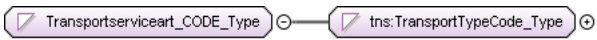
Namespace	http://vdv/ka/kvp-dl-pv/2				
Annotations	<p>Der TransportTypeCode_Type oder TransportmittelKategorie_CODE bzw. Transportserviceart_CODE_Type (Spez BOM) klassifiziert Arten von Transportdienstleistungen im Sinne einer Qualitaetsklasse, z.B. "IC/EC", "ICE" bei der Deutschen Bahn. Diese Kategorien sind "marketinggetrieben" mit Auswirkungen auf den Preis und daher produktspezifisch.</p> <p>Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TransportTypeEnum_Type im entsprechenden Schema (XML-Schema_KVP_DL_PV_Enums_ext-1.x.x.xsd) umgesetzt werden.</p> <p>Enumeration: Classifies types of transport services concerning quality.</p> <p>EN 1545: TransportTypeCode.</p> <p>See also Spec BOM table 6-86 and TransportTypeEnum_Type.</p>				
Diagram	<pre> classDiagram     class TransportTypeCode_Type     class ct_INT1["ct:INT1"]     TransportTypeCode_Type -- &gt; ct_INT1 </pre>				
Type	tns:INT1				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:TransportTypeCode_Type</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Used by	Simple Types tns:TransportmittelKategorie_CODE_Type, tns:Transportserviceart_CODE_Type				
Source	<pre> &lt;xs:simpleType name="TransportTypeCode_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Der TransportTypeCode_Type oder TransportmittelKategorie_CODE bzw.     Transportserviceart_CODE_Type (Spez BOM) klassifiziert Arten von Transportdienstleistungen im </pre>				

	<p>Sinne einer Qualitaetsklasse, z.B. "IC/EC", "ICE" bei der Deutschen Bahn. Diese Kategorien sind "marketinggetrieben" mit Auswirkungen auf den Preis und daher produktspezifisch. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TransportTypeCodeEnum_Type im entsprechenden Schema (XML-Schema_KVP_DL_PV_Enums_ext-1.x.x.xsd) umgesetzt werden. Enumeration: Classifies types of transport services concerning quality. EN 1545: TransportTypeCode. See also Spec BOM table 6-86 and TransportTypeCodeEnum_Type.&lt;/xs:documentation&gt;</p> <pre>&lt;/xs:annotation&gt; &lt;xs:restriction base="ct:INT1" /&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

### Simple Type tns:TransportmittelKategorie\_CODE\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2				
Annotations	Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst.				
Diagram					
Type	tns:TransportTypeCode_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:TransportTypeCode_Type</li> <li>tns:TransportmittelKategorie_CODE_Type</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Used by	Element tns:TX_EFSLOG_Type/tns:efsVerkehrsmittelKategorie				
Source	<pre>&lt;xs:simpleType name="TransportmittelKategorie_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe       TransportTypeCode_Type. Entfaellt demnaechst.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:restriction base="tns:TransportTypeCode_Type" /&gt;   &lt;/xs:simpleType&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd				

### Simple Type tns:Transportserviceart\_CODE\_Type

Namespace	http://vdv/ka/kvp-dl-pv/2				
Annotations	Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst.				
Diagram					
Type	tns:TransportTypeCode_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:TransportTypeCode_Type</li> <li>tns:Transportserviceart_CODE_Type</li> </ul>				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Used by	Element tns:TX_AFBLOG_Type/tns:afbLogVerkehrsmittelart				
Source	<pre>&lt;xs:simpleType name="Transportserviceart_CODE_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe       TransportTypeCode_Type. Entfaellt demnaechst.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:restriction base="tns:TransportTypeCode_Type" /&gt;   &lt;/xs:simpleType&gt;</pre>				

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd
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## Namespace: "http://vdv/ka/ah/2"

### Schema(s)

#### Imported schema XML-Schema\_AH.xsd

Namespace	http://vdv/ka/ah/2
Properties	attribute form default: unqualified
	element form default: unqualified
	version: 1.8.0
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element(s)

#### Element ah:TXAA

Namespace	http://vdv/ka/ah/2
Annotations	Element: Ausgabe einer Applikation
Diagram	
Type	ah:TXAA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• tns:TX_BASE_Type</li> <li>• ah:TXAA_Type</li> </ul>
Properties	content: complex
Used by	Complex Types tns:TXAGBBER_Type, tns:TXANTWORT_Type
Model	txbase , nmMedium_ID.nutzermediumNummer , tx_app , ausgabeTransaktionApplikation , appNmTransaktionMAC
Children	appNmTransaktionMAC, ausgabeTransaktionApplikation, nmMedium_ID.nutzermediumNummer, tx_app, txbase
Instance	<pre>&lt;ah:TXAA xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;nmMedium_ID.nutzermediumNummer&gt;{1,1}&lt;/nmMedium_ID.nutzermediumNummer&gt;   &lt;tx_app&gt;{1,1}&lt;/tx_app&gt;   &lt;ausgabeTransaktionApplikation&gt;{1,1}&lt;/ausgabeTransaktionApplikation&gt;   &lt;appNmTransaktionMAC&gt;{1,1}&lt;/appNmTransaktionMAC&gt; &lt;/ah:TXAA&gt;</pre>
Source	<pre>&lt;xs:element name="TXAA" type="ah:TXAA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Ausgabe einer Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

#### Element ah:TXRA

Namespace	http://vdv/ka/ah/2
Annotations	Element: Ruecknahme einer Applikation

Diagram	
Type	ah:TXRA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXRA_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXLOEBER_Type
Model	txbase , ruecknahmeTransaktionApplikation , appNmTransaktionMAC , appVersion
Children	appNmTransaktionMAC, appVersion, ruecknahmeTransaktionApplikation, txbase
Instance	<pre>&lt;ah:TXRA xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;ruecknahmeTransaktionApplikation&gt;{1,1}&lt;/ruecknahmeTransaktionApplikation&gt;   &lt;appNmTransaktionMAC&gt;{1,1}&lt;/appNmTransaktionMAC&gt;   &lt;appVersion&gt;{1,1}&lt;/appVersion&gt; &lt;/ah:TXRA&gt;</pre>
Source	<pre>&lt;xs:element name="TXRA" type="ah:TXRA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Ruecknahme einer Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXAEA

Namespace	http://vdv/ka/ah/2
Annotations	Element: Aenderung einer Applikation
Diagram	
Type	ah:TXAEA_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXAEA_Type</li> </ul>
Properties	content: complex
Used by	Complex Type tns:TXAENDBER_Type
Model	txbase , appInstanzId , appGueltigkeitsende , appGueltigkeitsbeginn , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanzId, appVersion, txbase
Instance	<pre>&lt;ah:TXAEA xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;appInstanzId&gt;{1,1}&lt;/appInstanzId&gt;</pre>

	<pre>&lt;appGueltigkeitsende&gt;{1,1}&lt;/appGueltigkeitsende&gt; &lt;appGueltigkeitsbeginn&gt;{1,1}&lt;/appGueltigkeitsbeginn&gt; &lt;appVersion&gt;{1,1}&lt;/appVersion&gt; &lt;/ah:TXAEA&gt;</pre>
Source	<pre>&lt;xs:element name="TXAEA" type="ah:TXAEA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Aenderung einer Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXSANFO

Namespace	http://vdv/ka/ah/2
Annotations	Element: Sperranforderung fuer eine Organisation
Diagram	
Type	ah:TXSANFO_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type             <ul style="list-style-type: none"> <li>tns:TX_SANF_Type                 <ul style="list-style-type: none"> <li>ah:TXSANFO_Type</li> </ul> </li> </ul> </li> </ul>
Properties	content: complex
Model	txbase, sperrSperrgrund, tns:Organisation_ID.organisationsNumber
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNumber, txbase
Instance	<pre>&lt;ah:TXSANFO xmlns:ah="http://vdv/ka/ah/2" xmlns:at="http://vdv/ka/ah/types/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;at:Organisation_ID.organisationsNumber&gt;{1,1}&lt;/at:Organisation_ID.organisationsNumber&gt; &lt;/ah:TXSANFO&gt;</pre>
Source	<pre>&lt;xs:element name="TXSANFO" type="ah:TXSANFO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperranforderung fuer eine Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXSANFS

Namespace	http://vdv/ka/ah/2
Annotations	Element: Sperranforderung fuer eine SAM



Diagram	
Type	ah:TXSANFS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>ah:TXSANFS_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase
Instance	<pre>&lt;ah:TXSANFS xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;samSperrkandidat&gt;{1,1}&lt;/samSperrkandidat&gt;   &lt;samSequenznummer&gt;{1,1}&lt;/samSequenznummer&gt; &lt;/ah:TXSANFS&gt;</pre>
Source	<pre>&lt;xs:element name="TXSANFS" type="ah:TXSANFS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperranforderung fuer eine SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXSAANFO

Namespace	http://vdv/ka/ah/2
Annotations	Element: Sperranforderung fuer eine Organisation
Diagram	
Type	ah:TXSAANFO_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>ah:TXSAANFO_Type</li> <li>ah:TXSAANFO_Type</li> </ul>

Properties	content: complex
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNumber
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNumber, txbase
Instance	<pre>&lt;ah:TXSAANFO xmlns:ah="http://vdv/ka/ah/2" xmlns:at="http://vdv/ka/ah/types/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;at:Organisation_ID.organisationsNumber&gt;{1,1}&lt;/at:Organisation_ID.organisationsNumber&gt; &lt;/ah:TXSAANFO&gt;</pre>
Source	<pre>&lt;xs:element name="TXSAANFO" type="ah:TXSAANFO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperranforderung fuer eine Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXSAANFS

Namespace	http://vdv/ka/ah/2
Annotations	Element: Sperraufhebungsanforderung fuer eine SAM
Diagram	
Type	ah:TXSAANFS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>ah:TXSANFS_Type</li> <li>ah:TXSAANFS_Type</li> </ul>
Properties	content: complex
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase
Instance	<pre>&lt;ah:TXSAANFS xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;sperrSperrgrund&gt;{1,1}&lt;/sperrSperrgrund&gt;   &lt;samSperrkandidat&gt;{1,1}&lt;/samSperrkandidat&gt;   &lt;samSequenznummer&gt;{1,1}&lt;/samSequenznummer&gt; &lt;/ah:TXSAANFS&gt;</pre>
Source	<pre>&lt;xs:element name="TXSAANFS" type="ah:TXSAANFS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Sperraufhebungsanforderung fuer eine SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXKNAWDM

Namespace	http://vdv/ka/ah/2
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Annotations	Element: Kontrollnachweis Defektes Medium
Diagram	
Type	ah:TXKNAWDM_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXKNAWDM_Type</li> </ul>
Properties	content: complex
Model	txbase , logTransaktionsOperator_ID , logTerminal_ID , logTransaktionsZeitpunkt , logTransaktionsOrt_ID , transMediennummer
Children	logTerminal_ID , logTransaktionsOperator_ID , logTransaktionsOrt_ID , logTransaktionsZeitpunkt , transMediennummer , txbase
Instance	<pre>&lt;ah:TXKNAWDM xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;logTransaktionsOperator_ID&gt;{1,1}&lt;/logTransaktionsOperator_ID&gt;   &lt;logTerminal_ID&gt;{1,1}&lt;/logTerminal_ID&gt;   &lt;logTransaktionsZeitpunkt&gt;{1,1}&lt;/logTransaktionsZeitpunkt&gt;   &lt;logTransaktionsOrt_ID&gt;{1,1}&lt;/logTransaktionsOrt_ID&gt;   &lt;transMediennummer&gt;{1,1}&lt;/transMediennummer&gt; &lt;/ah:TXKNAWDM&gt;</pre>
Source	<pre>&lt;xs:element name="TXKNAWDM" type="ah:TXKNAWDM_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Kontrollnachweis Defektes Medium&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXLKAORG

Namespace	http://vdv/ka/ah/2
Annotations	Element: Liste der Organisationen incl. deren zugeordneten Rollen
Diagram	
Type	ah:TX_LKAORG_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>ah:TX_LKAORG_Type</li> </ul>

Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<pre>&lt;ah:TXLKAORG xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transOrigID&gt;{1,1}&lt;/transOrigID&gt;   &lt;transOrigSignatur&gt;{0,1}&lt;/transOrigSignatur&gt;   &lt;transOriginalZeit&gt;{1,1}&lt;/transOriginalZeit&gt;   &lt;orgListe&gt;{1,1}&lt;/orgListe&gt; &lt;/ah:TXLKAORG&gt;</pre>
Source	<pre>&lt;xs:element name="TXLKAORG" type="ah:TX_LKAORG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Liste der Organisationen incl. deren zugeordneten Rollen&lt;/   xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXLKAORGReq

Namespace	http://vdv/ka/ah/2
Annotations	Element: Dienstanfrage: "Liste der Organisationen."
Diagram	
Type	ah:TXLKAORG_Req_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXLKAORG_Req_Type</li> </ul>
Properties	content: complex
Model	txbase
Children	txbase
Instance	<pre>&lt;ah:TXLKAORGReq xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt; &lt;/ah:TXLKAORGReq&gt;</pre>
Source	<pre>&lt;xs:element name="TXLKAORGReq" type="ah:TXLKAORG_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Dienstanfrage: "Liste der Organisationen."&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXLZVMORG

Namespace	http://vdv/ka/ah/2
Annotations	Element: Liste der Organisationen incl. deren zugeordneten Rollen, URLs zum Zielsystem und E-Mail Adressen der Ansprechpartner

Diagram	
Type	ah:TX_LZVMORG_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>ah:TX_LZVMORG_Type</li> </ul>
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<pre>&lt;ah:TXLZVMORG xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt;   &lt;transOrigID&gt;{1,1}&lt;/transOrigID&gt;   &lt;transOrigSignatur&gt;{0,1}&lt;/transOrigSignatur&gt;   &lt;transOriginalZeit&gt;{1,1}&lt;/transOriginalZeit&gt;   &lt;orgListe&gt;{1,1}&lt;/orgListe&gt; &lt;/ah:TXLZVMORG&gt;</pre>
Source	<pre>&lt;xs:element name="TXLZVMORG" type="ah:TX_LZVMORG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Liste der Organisationen incl. deren zugeordneten Rollen, URLs zum Zielsystem und E-Mail Adressen der Ansprechpartner&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXLZVMORGReq

Namespace	http://vdv/ka/ah/2
Annotations	Element: Dienstanfrage: "Liste der Organisationen."
Diagram	
Type	ah:TXLZVMORGReq_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXLZVMORGReq_Type</li> </ul>
Properties	content: complex
Model	txbase
Children	txbase
Instance	<pre>&lt;ah:TXLZVMORGReq xmlns:ah="http://vdv/ka/ah/2"&gt;   &lt;txbase&gt;{1,1}&lt;/txbase&gt; &lt;/ah:TXLZVMORGReq&gt;</pre>
Source	<pre>&lt;xs:element name="TXLZVMORGReq" type="ah:TXLZVMORGReq_Type"&gt;   &lt;xs:annotation&gt;</pre>

	<pre> &lt;xs:documentation&gt;Element: Dienstanfrage: "Liste der Organisationen."&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type(s)

### Complex Type ah:TXAA\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Ausgabe einer Applikation
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXAA_Type</li> </ul>
Used by	Element ah:TXAA
Model	txbase , nmMedium_ID.nutzermediumNumber , tx_app , ausgabeTransaktionApplikation , appNmTransaktionMAC
Children	appNmTransaktionMAC, ausgabeTransaktionApplikation, nmMedium_ID.nutzermediumNumber, tx_app, txbase
Source	<pre> &lt;xs:complexType name="TXAA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ausgabe einer Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="nmMedium_ID.nutzermediumNumber" type="ct:OctetString10"/&gt;         &lt;xs:element name="tx_app" type="at:TX_APP_Type"/&gt;         &lt;xs:element name="ausgabeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/&gt;         &lt;xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Complex Type ah:TXRA\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Ruecknahme einer Applikation
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> </ul>

	<ul style="list-style-type: none"> <li>ah:TXRA_Type</li> </ul>
Used by	Element ah:TXRA
Model	txbase , ruecknahmeTransaktionApplikation , appNmTransaktionMAC , appVersion
Children	appNmTransaktionMAC, appVersion, ruecknahmeTransaktionApplikation, txbase
Source	<pre>&lt;xs:complexType name="TXRA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Ruecknahme einer Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="ruecknahmeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/&gt;         &lt;xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type"/&gt;         &lt;xs:element name="appVersion" type="ct:BitString8"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXAEA\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Aenderung einer Applikation
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXAEA_Type</li> </ul>
Used by	Element ah:TXAEA
Model	txbase , appInstanzId , appGueltigkeitsende , appGueltigkeitsbeginn , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanzId, appVersion, txbase
Source	<pre>&lt;xs:complexType name="TXAEA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Aenderung einer Applikation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="appInstanzId" type="ion:NmApplikationInstanz_ID_Type"/&gt;         &lt;xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact"/&gt;         &lt;xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/&gt;         &lt;xs:element name="appVersion" type="ct:BitString8"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXSANFO\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperranforderung fuer eine Organisation

Diagram					
Type	extension of tns:TX_SANF_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>ah:TXSANFO_Type</li> </ul>				
Used by	<table> <tr> <td>Complex Type</td><td>ah:TXSAANFO_Type</td></tr> <tr> <td>Element</td><td>ah:TXSANFO</td></tr> </table>	Complex Type	ah:TXSAANFO_Type	Element	ah:TXSANFO
Complex Type	ah:TXSAANFO_Type				
Element	ah:TXSANFO				
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNummer				
Children	sperrSperrgrund , tns:Organisation_ID.organisationsNummer , txbase				
Source	<pre> &lt;xs:complexType name="TXSANFO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperranforderung fuer eine Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_SANF_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element ref="at:Organisation_ID.organisationsNummer"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd				

## Complex Type ah:TXSANFS\_Type

Namespace	http://vdv/ka/ah/2				
Annotations	Typ: Sperranforderung fuer eine SAM				
Diagram					
Type	extension of tns:TX_SANF_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>ah:TXSANFS_Type</li> </ul>				
Used by	<table> <tr> <td>Complex Type</td><td>ah:TXSAANFS_Type</td></tr> <tr> <td>Element</td><td>ah:TXSANFS</td></tr> </table>	Complex Type	ah:TXSAANFS_Type	Element	ah:TXSANFS
Complex Type	ah:TXSAANFS_Type				
Element	ah:TXSANFS				
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer				
Children	samSequenznummer , samSperrkandidat , sperrSperrgrund , txbase				
Source	<pre> &lt;xs:complexType name="TXSANFS_Type"&gt;   &lt;xs:annotation&gt; </pre>				



	<pre> &lt;xs:documentation&gt;Typ: Sperranforderung fuer eine SAM&lt;/xs:documentation&gt; &lt;/xs:annotation&gt; &lt;xs:complexContent&gt;   &lt;xs:extension base="ion:TX_SANF_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="samSperrkandidat" type="ct:ReferenceNumberThree"/&gt;       &lt;xs:element name="samSequenznummer" type="ct:SequenceNumberFour"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXSAANFO\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperraufhebungsanforderung fuer eine Organisation
Diagram	
Type	extension of ah:TXSANFO_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>ah:TXSANFO_Type</li> <li>ah:TXSAANFO_Type</li> </ul>
Used by	Element ah:TXSAANFO
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNummer
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNummer, txbase
Source	<pre> &lt;xs:complexType name="TXSAANFO_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperraufhebungsanforderung fuer eine Organisation&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ah:TXSANFO_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXSAANFS\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperraufhebungsanforderung fuer eine SAM

Diagram	
Type	extension of ah:TXSANFS_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_SANF_Type</li> <li>ah:TXSANFS_Type</li> <li>ah:TXSAANFS_Type</li> </ul>
Used by	Element ah:TXSAANFS
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase
Source	<pre> &lt;xs:complexType name="TXSAANFS_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Sperraufhebungsanforderung fuer eine SAM&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ah:TXSANFS_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXKNAWDM\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Kontrollnachweis Defektes Medium
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXKNAWDM_Type</li> </ul>
Used by	Element ah:TXKNAWDM
Model	txbase , logTransaktionsOperator_ID , logTerminal_ID , logTransaktionsZeitpunkt , logTransaktionsOrt_ID , transMediennummer
Children	logTerminal_ID, logTransaktionsOperator_ID, logTransaktionsOrt_ID, logTransaktionsZeitpunkt, transMediennummer, txbase
Source	<pre> &lt;xs:complexType name="TXKNAWDM_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Kontrollnachweis Defektes Medium&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; </pre>

	<pre> &lt;xs:complexContent&gt;   &lt;xs:extension base="ion:TX_BASE_Type"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/&gt;       &lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/&gt;       &lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/&gt;       &lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/&gt;       &lt;xs:element name="transMediennummer" type="ct:OctetString10"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:extension&gt; &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TX\_LKAORG\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Liste der Organisationen incl. deren zugeordneten Rollen
Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>ah:TX_LKAORG_Type</li> </ul>
Used by	Element ah:TXLKAORG
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	<pre> &lt;xs:complexType name="TX_LKAORG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Liste der Organisationen incl. deren zugeordneten Rollen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_RET_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="orgListe" type="ah:TXLKAORG_SL_DATA_Type"/&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXLKAORG\_SL\_DATA\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Organisationsliste aller Organisationen
Diagram	
Used by	Element ah:TX_LKAORG_Type/orgListe

Model	ErstellungsDatum , daten
Children	ErstellungsDatum, daten
Source	<pre> &lt;xs:complexType name="TXLKAORG_SL_DATA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Organisationsliste aller Organisationen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ErstellungsDatum" type="ct:DateTime"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Zeitpunkt der Listenerstellung&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="daten" type="xs:base64Binary" xmime:expectedContentTypes="application/vnd.vdv.ah.txlkaorglist.sl.zip"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema http://vdv/ka/ah/attachments durch das Element "TXLKAORGLIST_Resp_SL" definiert.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXLKAORG\_Req\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Dienstanfrage: "Liste der Organisationen."
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>ah:TXLKAORG_Req_Type</li> </ul>
Used by	Element ah:TXLKAORGReq
Model	txbase
Children	txbase
Source	<pre> &lt;xs:complexType name="TXLKAORG_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Dienstanfrage: "Liste der Organisationen."&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TX\_LZVMORG\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Liste der Organisationen incl. deren zugeordneten Rollen, URLs zum Zielsystem und E-Mail Adressen der Ansprechpartner

Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type</li> <li>tns:TX_RET_Type</li> <li>ah:TX_LZVMORG_Type</li> </ul>
Used by	Element ah:TXLZVMORG
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	<pre> &lt;xs:complexType name="TX_LZVMORG_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Liste der Organisationen incl. deren zugeordneten Rollen, URLs zum Zielsystem und E-Mail Adressen der Ansprechpartner&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_RET_Type"&gt;       &lt;xs:sequence&gt;         &lt;xs:element name="orgListe" type="ah:TXLZVMORG_SL_DATA_Type" /&gt;       &lt;/xs:sequence&gt;     &lt;/xs:extension&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXLZVMORG\_SL\_DATA\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Organisationsliste aller Organisationen
Diagram	
Used by	Element ah:TX_LZVMORG_Type/orgListe
Model	ErstellungsDatum , daten
Children	ErstellungsDatum, daten
Source	<pre> &lt;xs:complexType name="TXLZVMORG_SL_DATA_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Organisationsliste aller Organisationen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="ErstellungsDatum" type="ct:DateTime"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Zeitpunkt der Listenerstellung&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="daten" type="xs:base64Binary" xmime:expectedContentTypes="application/vnd.vdv.ah.txlzmorglist.zip"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema http://vdv/ka/ah/attachments durch das Element "TXLKAZVMLIST_Resp_SL_Type" definiert.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

	<pre>&lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Complex Type ah:TXLZVMORG\_Req\_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Dienst Anfrage: "Liste der Organisationen."
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>tns:TX_BASE_Type <ul style="list-style-type: none"> <li>ah:TXLZVMORG_Req_Type</li> </ul> </li> </ul>
Used by	Element ah:TXLZVMORGReq
Model	txbase
Children	txbase
Source	<pre>&lt;xs:complexType name="TXLZVMORG_Req_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Dienst Anfrage: "Liste der Organisationen."&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexContent&gt;     &lt;xs:extension base="ion:TX_BASE_Type" /&gt;   &lt;/xs:complexContent&gt; &lt;/xs:complexType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Namespace: "http://vdv/ka/ah/types/2"

### Schema(s)

#### Imported schema XML-Schema\_AH\_Types.xsd

Namespace	http://vdv/ka/ah/types/2
Properties	attribute form default: unqualified
	element form default: unqualified
	version: 1.8.0
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

### Element(s)

#### Element tns:Organisation\_ID.organisationsNumber

Namespace	http://vdv/ka/ah/types/2
Annotations	Element: Organisation_ID.organisationsNumber
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT2 <ul style="list-style-type: none"> <li>tns:ReferenceNumberTwo</li> </ul> </li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 65535

	minInclusive	0
Used by	Complex Types	ah:TXSAANFO_Type, ah:TXSANFO_Type
Source	<pre>&lt;xs:element name="Organisation_ID.organisationsNumber" type="ct:ReferenceNumberTwo"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Element: Organisation_ID.organisationsNumber&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

## Complex Type(s)

### Complex Type tns:TX\_APP\_Type

Namespace	http://vdv/ka/ah/types/2	
Annotations	Typ: Basisdaten fuer Applikationstransaktionen	
Diagram		
Used by	Element	ah:TXAA_Type/tx_app
Model	appInstanz_ID, appGueltigkeitsbeginn, appGueltigkeitsende, appVersion	
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanz_ID, appVersion	
Source	<pre>&lt;xs:complexType name="TX_APP_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Basisdaten fuer Applikationstransaktionen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/&gt;     &lt;xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact"/&gt;     &lt;xs:element name="appVersion" type="ct:BitString8"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

### Complex Type tns:Kundenroute\_Type

Namespace	http://vdv/ka/ah/types/2	
Annotations	Typ: Kundenroute alle Informationen fuer eine Vermittlungsstelle, u.a. die im AHS der Org und Rolle zugewiesene URL und einen Ansprechpartner (E-Mail)	
Diagram		
Model	bezeichnung, kurzBezeichnung, email, orgIDRolleRoute+	
Children	bezeichnung, email, kurzBezeichnung, orgIDRolleRoute	
Source	<pre>&lt;xs:complexType name="Kundenroute_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Kundenroute alle Informationen fuer eine Vermittlungsstelle, u.a. die im     AHS der Org und Rolle zugewiesene URL und einen Ansprechpartner (E-Mail)&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="bezeichnung" type="ion:PrintableString"/&gt;     &lt;xs:element name="kurzBezeichnung" type="ion:PrintableString" nillable="true"/&gt;     &lt;xs:element name="email" type="tns:Email_Type" nillable="true"/&gt;     &lt;xs:element name="orgIDRolleRoute" type="tns:OrgIDRolleRoute_Type" minOccurs="1"     maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt;</pre>	

	<code>&lt;/xs:complexType&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

## Complex Type `tns:OrgIDRolleRoute_Type`

Namespace	http://vdv/ka/ah/types/2
Annotations	Typ: OrgIDRolleRoute beinhaltet die im AHS zu einem Kunde gespeicherte Service-Url zu einer OrgId und Rolle
Diagram	
Used by	Element <code>tns:Kundenroute_Type/orgIDRolleRoute</code>
Model	orgID , rollencode , serviceUrl , interfaceVersion
Children	interfaceVersion, orgID, rollencode, serviceUrl
Source	<pre> &lt;xs:complexType name="OrgIDRolleRoute_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: OrgIDRolleRoute beinhaltet die im AHS zu einem Kunde gespeicherte     Service-Url zu einer OrgId und Rolle&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="orgID" type="ka:Organisation_ID"/&gt;     &lt;xs:element name="rollencode" type="ka:KommunikationsPartnerRolle"/&gt;     &lt;xs:element name="serviceUrl" type="xs:anyURI" nillable="true"/&gt;     &lt;xs:element name="interfaceVersion" type="ct:INT4" nillable="true"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

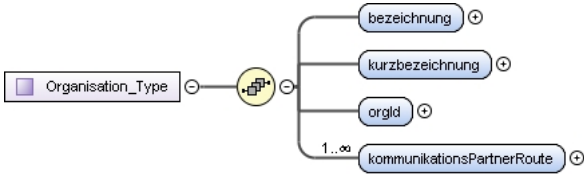
## Complex Type `tns:Kundenrolle_Type`

Namespace	http://vdv/ka/ah/types/2
Annotations	Typ: Kundenrolle beinhaltet nur die im AHS zugewiesene Rolle. Die Attribute IP-Adresse und Port sind obsolete und beinhalten konstante Werte
Diagram	
Used by	Element <code>tns:Organisation_Type/kommunikationsPartnerRoute</code>
Model	rollencode , ip , port
Children	ip, port, rollencode
Source	<pre> &lt;xs:complexType name="Kundenrolle_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Kundenrolle beinhaltet nur die im AHS zugewiesene Rolle. Die Attribute     IP-Adresse und Port sind obsolete und beinhalten konstante Werte&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="rollencode" type="ka:KommunikationsPartnerRolle"/&gt;     &lt;xs:element name="ip" type="tns:IP_Format"/&gt;     &lt;xs:element name="port" type="tns:Port_Format"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

## Complex Type `tns:Organisation_Type`


Namespace	http://vdv/ka/ah/types/2
Annotations	Typ: Im AHS registrierte Organisation mit Bezeichnung, allen OrgIds und jeweiligen Rollen




Diagram	
Model	bezeichnung , kurzbezeichnung , orgId , kommunikationsPartnerRoute+
Children	bezeichnung, kommunikationsPartnerRoute, kurzbezeichnung, orgId
Source	<pre> &lt;xs:complexType name="Organisation_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Typ: Im AHS registrierte Organisation mit Bezeichnung, allen OrgIds und     jeweiligen Rollen&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="bezeichnung" type="xs:string"/&gt;     &lt;xs:element name="kurzbezeichnung" type="xs:string" nillable="true"/&gt;     &lt;xs:element name="orgId" type="ct:ReferenceNumberTwo"/&gt;     &lt;xs:element name="kommunikationsPartnerRoute" type="tns:Kundenrolle_Type" minOccurs="1"     maxOccurs="unbounded"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

## Simple Type(s)

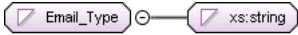
### Simple Type tns:IP\_Format

Namespace	http://vdv/ka/ah/types/2
Diagram	
Type	restriction of xs:string
Facets	<p>pattern</p> <pre> (( [1-9]?[0-9]   1[0-9] [0-9]   2[0-4][0-9]   25[0-5] ) \. ) {3} ( [1-9]? [0-9]   1[0-9][0-9]   2[0-4] [0-9]   25[0-5] ) </pre>
Used by	Element tns:Kundenrolle_Type/ip
Source	<pre> &lt;xs:simpleType name="IP_Format"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:pattern value="(( [1-9]?[0-9]   1[0-9][0-9]   2[0-4][0-9]   25[0-5] ) \. ) {3} ( [1-9]?[0-9]   1[0-9][0-9]   2[0-4][0-9]   25[0-5] )"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

### Simple Type tns:Port\_Format

Namespace	http://vdv/ka/ah/types/2
Diagram	
Type	restriction of xs:unsignedShort
Facets	<p>maxInclusive 65535</p> <p>minInclusive 0</p>
Used by	Element tns:Kundenrolle_Type/port
Source	<pre> &lt;xs:simpleType name="Port_Format"&gt;   &lt;xs:restriction base="xs:unsignedShort"&gt;     &lt;xs:minInclusive value="0"/&gt;     &lt;xs:maxInclusive value="65535"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

## Simple Type `tns:Email_Type`

Namespace	http://vdv/ka/ah/types/2
Diagram	
Type	restriction of xs:string
Facets	<p>pattern</p> $\backslash w + ( [ - + . ' ] \backslash w + ) * @ \backslash w + ( [ - . ] \backslash w + ) * \backslash . \backslash w + ( [ - . ] \backslash w + ) * $
Used by	Element <code>tns:Kundenroute_Type/email</code>
Source	<pre>&lt;xs:simpleType name="Email_Type"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:pattern value="\w+([-+.']\w+)*@\w+([-.] \w+)*\.\w+([-.] \w+)*"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

## Simple Type `tns:AHErrorCode`

Namespace	http://vdv/ka/ah/types/2		
Annotations	Vom AH verwendete Fehlercodes.		
Diagram			
Type	restriction of tns:INT1		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:AHErrorCode</li></ul></li></ul></li></ul>		
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	100	Empfaengerrolle ist unbekannt
	enumeration	101	Empfaengerrolle ist ungleich AH
	enumeration	102	Senderrolle ist unbekannt
	enumeration	103	Senderrolle ist für diese Operation nicht berechtigt
	enumeration	104	Organisations-ID des Senders ist im AH unbekannt
	enumeration	105	Die Organisation des Senders ist im AH gesperrt
	enumeration	106	Organisations-ID des Empfängers ist AH unbekannt
	enumeration	107	Organisations-ID von Sender und Empfänger aus unterschiedlichen OrgID Bereichen/Level
	enumeration	108	Aufruf der Schnittstelle ohne WS Security nur fuer Sender OrgID aus Level 2
	enumeration	110	Sperranforderung mit gleichen Angaben ist bereits im System
	enumeration	111	Sperraufhebungsanforderung mit gleichen Angaben ist bereits im System
	enumeration	112	Sperrmitteilung mit gleichen Angaben ist bereits im System
	enumeration	113	Sperraufhebungsmitteilung mit gleichen Angaben ist bereits im System
	enumeration	115	Sperrkandidat Organisation ist AH unbekannt
	enumeration	116	Sperrkandidat Inhaber des symmetrischen Schluessels ist AH unbekannt
	enumeration	117	Sperrkandidat Inhaber des asymmetrischen Schluessels ist AH unbekannt
	enumeration	118	Sperrkandidat Applikations-KVP ist AH unbekannt
	enumeration	119	Ausgabe Applikations-KVP ist AH unbekannt
enumeration	120	Der Sperrgrund ist AH unbekannt	

	enumeration	121	Die Sperrentscheidung ist AH unbekannt
	enumeration	122	Applikationsruecknahme: Die Transaktionsdaten sind unvollstaendig
	enumeration	124	Ausgabe Applikation: Applikation bereits ausgegeben
	enumeration	125	Keine Sperranforderung fuer Sperrmitteilung gefunden
	enumeration	126	Keine Sperraufhebungsanforderung fuer Sperraufhebungsmitteilung gefunden
	enumeration	127	Aenderung Applikation: Applikation ist dem AH nicht bekannt
	enumeration	128	Entferne Applikation: Applikation ist dem AH nicht bekannt
	enumeration	129	Gueltingkeit Applikation: Applikation ist dem AH nicht bekannt
	enumeration	130	Transaktion kann keinem Objekt zugeordnet werden
	enumeration	131	Transaktion bereits verarbeitet
	enumeration	60	Die Daten der Liste konnte nicht extrahiert werden
	enumeration	61	Liste konnte nicht eingelesen werden (Formatfehler)
	enumeration	62	Liste enthielt fehlerhafte Daten (Semantikfehler)
	enumeration	63	Sonstige Probleme bei der Verarbeitung der Liste
	enumeration	255	Technischer Fehler
Source	<pre> &lt;xs:simpleType name="AHErrCode"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Vom AH verwendete Fehlercodes.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="ct:INT1"&gt;     &lt;!-- Allgemeine Pruefungen--&gt;     &lt;xs:enumeration value="100"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Empfaengerrolle ist unbekannt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="101"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Empfaengerrolle ist ungleich AH&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="102"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Senderrolle ist unbekannt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="103"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Senderrolle ist für diese Operation nicht berechtigt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="104"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Organisations-ID des Senders ist im AH unbekannt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="105"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Die Organisation des Senders ist im AH gesperrt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="106"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Organisations-ID des Empfaengers ist AH unbekannt&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="107"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Organisations-ID von Sender und Empfaenger aus unterschiedlichen OrgID Bereichen/Level&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="108"&gt;       &lt;xs:annotation&gt; </pre>		

```

        <xs:documentation>Aufruf der Schnittstelle ohne WS Security nur fuer Sender OrgId aus Level
2</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="110">
    <xs:annotation>
        <xs:documentation>Sperranforderung mit gleichen Angaben ist bereits im System</
xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="111">
    <xs:annotation>
        <xs:documentation>Sperraufhebungsanforderung mit gleichen Angaben ist bereits im System</
xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="112">
    <xs:annotation>
        <xs:documentation>Sperrmitteilung mit gleichen Angaben ist bereits im System</
xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="113">
    <xs:annotation>
        <xs:documentation>Sperraufhebungsmitteilung mit gleichen Angaben ist bereits im System</
xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="115">
    <xs:annotation>
        <xs:documentation>Sperrkandidat Organisation ist AH unbekannt</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="116">
    <xs:annotation>
        <xs:documentation>Sperrkandidat Inhaber des symmetrischen Schluessels ist AH unbekannt</
xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="117">
    <xs:annotation>
        <xs:documentation>Sperrkandidat Inhaber des asymmetrischen Schluessels ist AH unbekannt</
xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="118">
    <xs:annotation>
        <xs:documentation>Sperrkandidat Applikations-KVP ist AH unbekannt</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="119">
    <xs:annotation>
        <xs:documentation>Ausgabe Applikations-KVP ist AH unbekannt</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="120">
    <xs:annotation>
        <xs:documentation>Der Sperrgrund ist AH unbekannt</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="121">
    <xs:annotation>
        <xs:documentation>Die Sperrentscheidung ist AH unbekannt</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="122">
    <xs:annotation>
        <xs:documentation>Applikationsruecknahme: Die Transaktionsdaten sind unvollstaendig</
xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="124">
    <xs:annotation>
        <xs:documentation>Ausgabe Applikation: Applikation bereits ausgegeben</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="125">
    <xs:annotation>
        <xs:documentation>Keine Sperranforderung fuer Sperrmitteilung gefunden</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="126">
    <xs:annotation>

```

```

        <xs:documentation>Keine Sperraufhebungsanforderung fuer Sperraufhebungsmitteilung gefunden</
xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="127">
        <xs:annotation>
            <xs:documentation>Aenderung Applikation: Applikation ist dem AH nicht bekannt</
xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="128">
            <xs:annotation>
                <xs:documentation>Entferne Applikation: Applikation ist dem AH nicht bekannt</
xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="129">
            <xs:annotation>
                <xs:documentation>Gueltigkeit Applikation: Applikation ist dem AH nicht bekannt</
xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="130">
            <xs:annotation>
                <xs:documentation>Transaktion kann keinem Objekt zugeordnet werden</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="131">
            <xs:annotation>
                <xs:documentation>Transaktion bereits verarbeitet</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <!--Listenfehler -->
        <xs:enumeration value="60">
            <xs:annotation>
                <xs:documentation>Die Daten der Liste konnte nicht extrahiert werden</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="61">
            <xs:annotation>
                <xs:documentation>Liste konnte nicht eingelesen werden (Formatfehler)</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="62">
            <xs:annotation>
                <xs:documentation>Liste enthielt fehlerhafte Daten (Semantikfehler)</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="63">
            <xs:annotation>
                <xs:documentation>Sonstige Probleme bei der Verarbeitung der Liste</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <!-- -->
        <xs:enumeration value="255">
            <xs:annotation>
                <xs:documentation>Technischer Fehler</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
    </xs:restriction>
</xs:simpleType>

```

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd
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**Namespace: ""**

**Element(s)**

**Element `tns:STATUS_Type` / REFERENZNUMMER**

Namespace	No namespace
Diagram	<pre> graph LR     A[REFERENZNUMMER Type tns:REFERENZNUMMER_Type] --- B(tns:REFERENZNUMMER_Type)     </pre>
Type	tns:REFERENZNUMMER_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> </ul>

	<ul style="list-style-type: none"> <li>• tns:PrintableString</li> <li>• tns:REFERENZNUMMER_Type</li> </ul>
Properties	content: simple
Facets	pattern [ -p ] *
Source	<code>&lt;xs:element name="REFERENZNUMMER" type="tns:REFERENZNUMMER_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

### Element tns:STATUS\_Type / ANFRAGE\_ID

Namespace	No namespace
Diagram	
Type	tns:ANFRAGE_ID_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:string</li> <li>• tns:PrintableString</li> <li>• tns:ANFRAGE_ID_Type</li> </ul>
Properties	content: simple minOccurs: 0
Facets	pattern [ -p ] *
Source	<code>&lt;xs:element name="ANFRAGE_ID" type="tns:ANFRAGE_ID_Type" minOccurs="0" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

### Element tns:STATUS\_Type / STATUS\_DATA


Namespace	No namespace
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<code>&lt;xs:element name="STATUS_DATA" type="pe:STATUS_DATA_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/fremd/1/XML-Schema_Fremd.xsd

### Element tns:VX\_Message\_Type / StatusCode

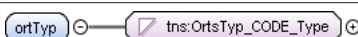
Namespace	No namespace
Diagram	
Type	tns:StatusCode
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT1</li> <li>• tns:StatusCode</li> </ul>
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0 enumeration 0 Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor.

	enumeration	1	Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden.
	enumeration	2	Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde.
	enumeration	3	Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt.
	enumeration	4	Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden.
	enumeration	5	Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.
	enumeration	6	Die asynchrone Nachricht kann nicht zwischengespeichert werden.
	enumeration	7	Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle nicht bekannt.
	enumeration	255	Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden.
Source	<xs:element name="StatusCode" type="tns:StatusCode" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd		


### Element tns:VX\_Message\_Type / StatusText

Namespace	No namespace		
Diagram			
Type	tns:StatusText		
Properties	content:	simple	
Facets	maxLength	255	
Source	<xs:element name="StatusText" type="tns:StatusText" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd		

### Element tns:Ort\_ID\_Type / ortTyp

Namespace	No namespace		
Diagram			
Type	tns:OrtsTyp_CODE_Type		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:OrtsTyp_CODE_Type</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
Source	<xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd		

### Element tns:Ort\_ID\_Type / ortNumber

Namespace	No namespace		
Diagram			

Type	tns:ReferenceNumberThree
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT3 <ul style="list-style-type: none"> <li>tns:ReferenceNumberThree</li> </ul> </li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 16777215
	minInclusive 0
Source	<code>&lt;xs:element name="ortNumber" type="ct:ReferenceNumberThree" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:Ort\_ID\_Type** / **ortDomaene\_ID**

Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT2 <ul style="list-style-type: none"> <li>tns:ReferenceNumberTwo <ul style="list-style-type: none"> <li>tns:Organisation_ID</li> </ul> </li> </ul> </li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="ortDomaene_ID" type="ka:Organisation_ID" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:Terminal\_ID\_Type** / **terminalTyp**

Namespace	No namespace
Diagram	
Type	tns:TerminalTyp_CODE_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:TerminalTyp_CODE_Type</li> </ul> </li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd


### Element **tns:Terminal\_ID\_Type** / **terminalNummer**

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> </ul>




	<ul style="list-style-type: none"> <li>• tns:INT2</li> <li>• tns:ReferenceNumberTwo</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="terminalNumber" type="ct:ReferenceNumberTwo"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd


### Element tns:Terminal\_ID\_Type / terminalOwner\_ID

Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT2</li> <li>• tns:ReferenceNumberTwo</li> <li>• tns:Organisation_ID</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="terminalOwner_ID" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:NmApplikationInstanz\_ID\_Type / NmAppInstanznummer

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT4</li> <li>• tns:ReferenceNumberFour</li> </ul>
Properties	content: simple
Facets	maxInclusive 4294967295
	minInclusive 0
Source	<code>&lt;xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:NmApplikationInstanz\_ID\_Type / kvp\_ID

Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT2</li> <li>• tns:ReferenceNumberTwo</li> </ul>

	<ul style="list-style-type: none"> <li>• tns:Organisation_ID</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="kvp_ID" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:Berechtigung\_ID\_Type / berechtigungNummer

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT4</li> <li>• tns:ReferenceNumberFour</li> </ul>
Properties	content: simple
Facets	maxInclusive 4294967295
	minInclusive 0
Source	<code>&lt;xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:Berechtigung\_ID\_Type / kvp\_ID

Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT2</li> <li>• tns:ReferenceNumberTwo</li> <li>• tns:Organisation_ID</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="kvp_ID" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:EFMPProdukt\_ID\_Type / produktNummer

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT2</li> <li>• tns:ReferenceNumberTwo</li> </ul>
Properties	content: simple

	minOccurs: 0
	maxOccurs: 1
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="produktNummer" type="ct:ReferenceNumberTwo" minOccurs="0" maxOccurs="1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:EFMProdukt\_ID\_Type** / **organisationID**

Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="organisationID" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:Transaktionsdatensatz\_Type** / **Transaktionsdaten**

Namespace	No namespace
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<code>&lt;xs:element name="Transaktionsdaten" type="xs:hexBinary"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:SymSchluessel\_ID\_Type** / **schluesselNummer**


Namespace	No namespace
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="schluesselNummer" type="ct:INT1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:SymSchluessel\_ID\_Type** / **schluesselVersion**

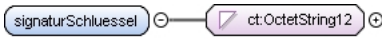
Namespace	No namespace
Diagram	

Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<code>&lt;xs:element name="schluesselVersion" type="ct:INT1" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd


### Element **tns:SymSchluessel\_ID\_Type** / **schluesselInhaber\_ID**

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="schluesselInhaber_ID" type="ct:ReferenceNumberTwo" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd


### Element **tns:ASymSchluessel\_ID\_Type** / **signaturSchluessel**

Namespace	No namespace
Diagram	
Type	tns:OctetString12
Properties	content: simple
Facets	length 12
Source	<code>&lt;xs:element name="signaturSchluessel" type="ct:OctetString12" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:appNmTransaktionMAC\_Type** / **appMAC\_AH**

Namespace	No namespace
Diagram	
Type	tns:OctetString8
Properties	content: simple
Facets	length 8
Source	<code>&lt;xs:element name="appMAC_AH" type="ct:OctetString8" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:appNmTransaktionMAC\_Type** / **appMAC\_KVP**

Namespace	No namespace
Diagram	

Type	tns:OctetString8
Properties	content: simple
Facets	length 8
Source	<code>&lt;xs:element name="appMAC_KVP" type="ct:OctetString8" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:appNmTransaktionMAC\_Type / appMAC\_AH\_Schluessel\_ID

Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;appMAC_AH_Schluessel_ID&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/appMAC_AH_Schluessel_ID&gt;</pre>
Source	<code>&lt;xs:element name="appMAC_AH_Schluessel_ID" type="tns:SymSchluessel_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:appNmTransaktionMAC\_Type / appMAC\_KVP\_Schluessel\_ID


Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;appMAC_KVP_Schluessel_ID&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/appMAC_KVP_Schluessel_ID&gt;</pre>
Source	<code>&lt;xs:element name="appMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:berNmTransaktionMAC\_Type / berMAC\_PV

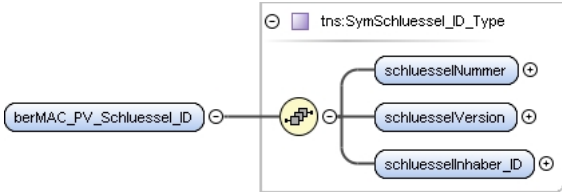
Namespace	No namespace
Diagram	
Type	tns:OctetString8

Properties	content: simple
Facets	length 8
Source	<code>&lt;xs:element name="berMAC_PV" type="ct:OctetString8"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

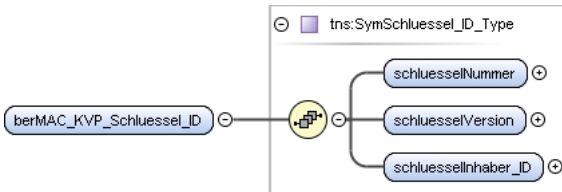
### Element `tns:berNmTransaktionMAC_Type` / `berMAC_KVP`

Namespace	No namespace
Diagram	
Type	<code>tns:OctetString8</code>
Properties	content: simple
Facets	length 8
Source	<code>&lt;xs:element name="berMAC_KVP" type="ct:OctetString8"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element `tns:berNmTransaktionMAC_Type` / `berMAC_PV_Schluessel_ID`


Namespace	No namespace
Diagram	
Type	<code>tns:SymSchluessel_ID_Type</code>
Properties	content: complex
Model	<code>schluesselNummer</code> , <code>schluesselVersion</code> , <code>schluesselInhaber_ID</code>
Children	<code>schluesselInhaber_ID</code> , <code>schluesselNummer</code> , <code>schluesselVersion</code>
Instance	<pre>&lt;berMAC_PV_Schluessel_ID&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/berMAC_PV_Schluessel_ID&gt;</pre>
Source	<code>&lt;xs:element name="berMAC_PV_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element `tns:berNmTransaktionMAC_Type` / `berMAC_KVP_Schluessel_ID`


Namespace	No namespace
Diagram	
Type	<code>tns:SymSchluessel_ID_Type</code>
Properties	content: complex
Model	<code>schluesselNummer</code> , <code>schluesselVersion</code> , <code>schluesselInhaber_ID</code>
Children	<code>schluesselInhaber_ID</code> , <code>schluesselNummer</code> , <code>schluesselVersion</code>
Instance	<pre>&lt;berMAC_KVP_Schluessel_ID&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;</pre>

	<pre>&lt;schuesselVersion&gt;{1,1}&lt;/schuesselVersion&gt; &lt;schuesselInhaber_ID&gt;{1,1}&lt;/schuesselInhaber_ID&gt; &lt;/berMAC_KVP_Schuessel_ID&gt;</pre>
Source	<code>&lt;xs:element name="berMAC_KVP_Schuessel_ID" type="tns:SymSchuessel_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd


### Element `tns:IONTransaktion_ID_Type` / `transSequenznummer`

Namespace	No namespace				
Diagram					
Type	<code>tns:SequenceNumberFour</code>				
Type hierarchy	<ul style="list-style-type: none"> <li><code>xs:unsignedInt</code> <ul style="list-style-type: none"> <li><code>tns:INT4</code> <ul style="list-style-type: none"> <li><code>tns:SequenceNumberFour</code></li> </ul> </li> </ul> </li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Source	<code>&lt;xs:element name="transSequenznummer" type="ct:SequenceNumberFour"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

### Element `tns:IONTransaktion_ID_Type` / `transSenderRolle`

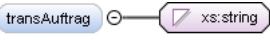
Namespace	No namespace		
Diagram			
Type	tns:KommunikationsParterRolle		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:KommunikationsParterRolle</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Unbekannt
	enumeration	1	KVP
	enumeration	2	DL
	enumeration	3	PV
	enumeration	4	AH
	enumeration	5	KOSES
	enumeration	254	ZVM
Source	<xs:element name="transSenderRolle" type="ka:KommunikationsParterRolle"/>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd		

### Element `tns:IONTransaktion_ID_Type` / `transSender_ID`


Namespace	No namespace
Diagram	
Type	<code>tns:Organisation_ID</code>
Type hierarchy	<ul style="list-style-type: none"> <li><code>xs:unsignedInt</code></li> </ul>

	<ul style="list-style-type: none"> <li>• tns:INT2</li> <li>• tns:ReferenceNumberTwo</li> <li>• tns:Organisation_ID</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="transSender_ID" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd


### Element tns:ION\_TX\_HEADER\_Type / transAuftrag

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
	minOccurs: 0
	maxOccurs: 1
Source	<code>&lt;xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:ION\_TX\_HEADER\_Type / transEmpfaenger\_ID

Namespace	No namespace
Annotations	Eindeutige OrganisationsId des Nachrichtenempfaengers
Diagram	
Type	tns:Organisation_ID
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT2</li> <li>• tns:ReferenceNumberTwo</li> <li>• tns:Organisation_ID</li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<pre> &lt;xs:element name="transEmpfaenger_ID" type="ka:Organisation_ID"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Eindeutige OrganisationsId des Nachrichtenempfaengers&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:ION\_TX\_HEADER\_Type / transEmpfaengerRolle

Namespace	No namespace
Annotations	Rolle des Nachrichtenempfaengers
Diagram	
Type	tns:KommunikationsParterRolle
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> </ul>



	<ul style="list-style-type: none"> <li>• tns:INT1</li> <li>• tns:KommunikationsParterRolle</li> </ul>
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
	enumeration 0 Unbekannt
	enumeration 1 KVP
	enumeration 2 DL
	enumeration 3 PV
	enumeration 4 AH
	enumeration 5 KOSES
	enumeration 254 ZVM
Source	<pre>&lt;xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Rolle des Nachrichtempfaengers&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:ION\_TX\_HEADER\_Type / transStatus


Namespace	No namespace
Diagram	
Type	tns:INT1
Properties	content: simple
	minOccurs: 0
	maxOccurs: 1
Facets	maxInclusive 255
	minInclusive 0
Source	<pre>&lt;xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:ION\_TX\_HEADER\_Type / transTransaktion\_ID


Namespace	No namespace
Diagram	
Type	tns:IONTransaktion_ID_Type
Properties	content: complex
Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Instance	<pre>&lt;transTransaktion_ID&gt;   &lt;transSequenznummer&gt;{1,1}&lt;/transSequenznummer&gt;   &lt;transSenderRolle&gt;{1,1}&lt;/transSenderRolle&gt;   &lt;transSender_ID&gt;{1,1}&lt;/transSender_ID&gt; &lt;/transTransaktion_ID&gt;</pre>
Source	<pre>&lt;xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type"/&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd
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### Element **tns:ION\_TX\_HEADER\_Type / transTransaktionsTyp**

Namespace	No namespace						
Diagram							
Type	tns:INT1						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0		
maxInclusive	255						
minInclusive	0						
Source	<code>&lt;xs:element name="transTransaktionsTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd						

### Element **tns:ION\_TX\_HEADER\_Type / transTransaktionsZeitpunkt**


Namespace	No namespace		
Annotations	Zeitpunkt der Dienstanfrage gemäss den Angaben der Dienstaufbauers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist möglicherweise die Aussagekraft dieses Feldes sehr gering.		
Diagram			
Type	tns:DateTime		
Properties	<table> <tr><td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		
Source	<pre>&lt;xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Zeitpunkt der Dienstanfrage gemäss den Angaben der Dienstaufbauers.     Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist     möglicherweise die Aussagekraft dieses Feldes sehr gering.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd		

### Element **tns:ION\_TX\_HEADER\_Type / transVersion**

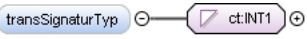
Namespace	No namespace						
Diagram							
Type	tns:BitString16						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table> <tr><td>length</td><td>16</td></tr> <tr><td>pattern</td><td>           [0-1][0-1][0-1][0-1][0-1]            [0-1][0-1][0-1][0-1][0-1]            [0-1][0-1][0-1][0-1][0-1]            [0-1]         </td></tr> </table>	length	16	pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]		
length	16						
pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]						
Source	<code>&lt;xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd						

### Element **tns:ION\_TX\_HEADER\_Type / transWiederholungsZaehler**


Namespace	No namespace
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Diagram							
Type	tns:INT1						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0		
maxInclusive	255						
minInclusive	0						
Source	<code>&lt;xs:element name="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd						


### Element tns:ION\_TX\_HEADER\_Type / transSignaturTyp

Namespace	No namespace						
Diagram							
Type	tns:INT1						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0		
maxInclusive	255						
minInclusive	0						
Source	<code>&lt;xs:element name="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/&gt;</code>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd						

### Element tns:ION\_TX\_HEADER\_Type / transSignaturZertifikat

Namespace	No namespace						
Diagram							
Type	restriction of xs:hexBinary						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table> <tr><td>length</td><td>378</td></tr> </table>	length	378				
length	378						
Source	<pre>&lt;xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:hexBinary"&gt;       &lt;xs:length value="378" fixed="true"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd						

### Element tns:ION\_TX\_HEADER\_Type / transSignatur

Namespace	No namespace						
Diagram							
Type	tns:TransSignatur_Type						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

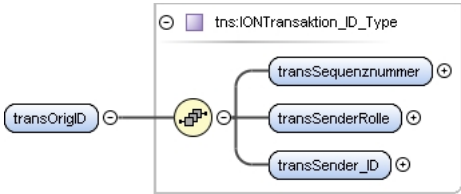
Facets	length 128
Source	<code>&lt;xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TX\_BASE\_Type / txbase


Namespace	No namespace
Annotations	Fachliche Daten ueber die in der Transaktion involvierten Systeme
Diagram	
Type	tns:ION_TX_HEADER_Type
Properties	content: complex
Model	transAuftrag{0,1}, transEmpfaenger_ID, transEmpfaengerRolle, transStatus{0,1}, transTransaktion_ID, transTransaktionsTyp{0,1}, transTransaktionsZeitpunkt, transVersion{0,1}, transWiederholungsZaehler{0,1}, transSignaturTyp{0,1}, transSignaturZertifikat{0,1}, transSignatur{0,1}
Children	transAuftrag, transEmpfaengerRolle, transEmpfaenger_ID, transSignatur, transSignaturTyp, transSignaturZertifikat, transStatus, transTransaktion_ID, transTransaktionsTyp, transTransaktionsZeitpunkt, transVersion, transWiederholungsZaehler
Instance	<pre> &lt;txbase&gt;   &lt;transAuftrag&gt;{0,1}&lt;/transAuftrag&gt;   &lt;transEmpfaenger_ID&gt;{1,1}&lt;/transEmpfaenger_ID&gt;   &lt;transEmpfaengerRolle&gt;{1,1}&lt;/transEmpfaengerRolle&gt;   &lt;transStatus&gt;{0,1}&lt;/transStatus&gt;   &lt;transTransaktion_ID&gt;{1,1}&lt;/transTransaktion_ID&gt;   &lt;transTransaktionsTyp&gt;{0,1}&lt;/transTransaktionsTyp&gt;   &lt;transTransaktionsZeitpunkt&gt;{1,1}&lt;/transTransaktionsZeitpunkt&gt;   &lt;transVersion&gt;{0,1}&lt;/transVersion&gt;   &lt;transWiederholungsZaehler&gt;{0,1}&lt;/transWiederholungsZaehler&gt;   &lt;transSignaturTyp&gt;{0,1}&lt;/transSignaturTyp&gt;   &lt;transSignaturZertifikat&gt;{0,1}&lt;/transSignaturZertifikat&gt;   &lt;transSignatur&gt;{0,1}&lt;/transSignatur&gt; &lt;/txbase&gt; </pre>
Source	<pre> &lt;xs:element name="txbase" type="tns:ION_TX_HEADER_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Fachliche Daten ueber die in der Transaktion involvierten Systeme&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt; </pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TX\_RET\_Type / transOrigID

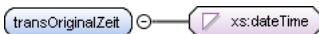
Namespace	No namespace
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Diagram	
Type	tns:IONTransaktion_ID_Type
Properties	content: complex
Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Instance	<pre> &lt;transOrigID&gt;   &lt;transSequenznummer&gt;{1,1}&lt;/transSequenznummer&gt;   &lt;transSenderRolle&gt;{1,1}&lt;/transSenderRolle&gt;   &lt;transSender_ID&gt;{1,1}&lt;/transSender_ID&gt; &lt;/transOrigID&gt; </pre>
Source	<code>&lt;xs:element name="transOrigID" type="tns:IONTransaktion_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

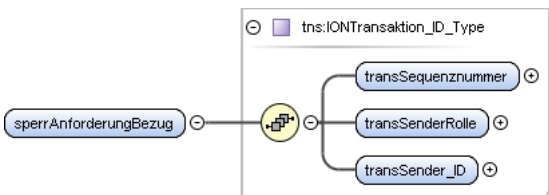
### Element tns:TX\_RET\_Type / transOrigSignatur

Namespace	No namespace
Diagram	
Type	tns:TransSignatur_Type
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	length 128
Source	<code>&lt;xs:element name="transOrigSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TX\_RET\_Type / transOriginalZeit


Namespace	No namespace
Diagram	
Type	xs:dateTime
Properties	content: simple
Source	<code>&lt;xs:element name="transOriginalZeit" type="xs:dateTime" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TX\_SMIT\_Type / sperrAnforderungBezug


Namespace	No namespace
Diagram	
Type	tns:IONTransaktion_ID_Type
Properties	content: complex

Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Instance	<pre>&lt;sperrAnforderungBezug&gt;   &lt;transSequenznummer&gt;{1,1}&lt;/transSequenznummer&gt;   &lt;transSenderRolle&gt;{1,1}&lt;/transSenderRolle&gt;   &lt;transSender_ID&gt;{1,1}&lt;/transSender_ID&gt; &lt;/sperrAnforderungBezug&gt;</pre>
Source	<code>&lt;xs:element name="sperrAnforderungBezug" type="tns:IONTransaktion_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd


### Element tns:TX\_SMIT\_Type / sperrEntscheidung

Namespace	No namespace								
Diagram									
Type	tns:Mitteilung_CODE_Type								
Properties	content: simple								
Facets	<table> <tr><td>enumeration</td><td>1</td></tr> <tr><td>enumeration</td><td>2</td></tr> <tr><td>enumeration</td><td>3</td></tr> <tr><td>enumeration</td><td>4</td></tr> </table>	enumeration	1	enumeration	2	enumeration	3	enumeration	4
enumeration	1								
enumeration	2								
enumeration	3								
enumeration	4								
Source	<code>&lt;xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type"/&gt;</code>								
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd								

### Element tns:TX\_SANF\_Type / sperrSperrgrund


Namespace	No namespace				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<code>&lt;xs:element name="sperrSperrgrund" type="ct:INT1"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

### Element tns:TX\_BER\_Type / berGueltigkeitsbeginn


Namespace	No namespace				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr><td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr><td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<code>&lt;xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

### Element tns:TX\_BER\_Type / berGueltigkeitsende

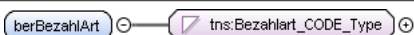
Namespace	No namespace
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Diagram		
Type	tns:DateTimeCompact	
Properties	content:	simple
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	


## Element tns:TX\_BER\_Type / prodAbrechnungsverfahren

Namespace	No namespace	
Diagram		
Type	tns:Abrechnungsverfahren_CODE_Type	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:Abrechnungsverfahren_CODE_Type</li> </ul> </li> </ul> </li> </ul>	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
	enumeration	0 Keine Angabe
	enumeration	1 Pre-Paid
	enumeration	2 Post-Paid
	enumeration	3 Trip-Paid
Source	<xs:element name="prodAbrechnungsverfahren" type="tns:Abrechnungsverfahren_CODE_Type"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

## Element tns:TX\_BER\_Type / berBezahlArt


Namespace	No namespace	
Diagram		
Type	tns:Bezahlart_CODE_Type	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT1 <ul style="list-style-type: none"> <li>tns:Bezahlart_CODE_Type</li> </ul> </li> </ul> </li> </ul>	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

## Element tns:TX\_BER\_Type / berBezahlMittel


Namespace	No namespace	
Diagram		
Type	tns:OctetString10	

Properties	content: simple
Facets	length 10
Source	<code>&lt;xs:element name="berBezahlMittel" type="ct:OctetString10"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element `tns:TXA_Type` / `transAblehnungGrund`

Namespace	No namespace				
Annotations	<p>WICHTIG: Aus Historischen Gruenden ist TXA_Type ein allgemeiner Typ, der von allen teilnehmenden Systemen genutzt wird. Das fuehrt dazu, dass sich alle Systeme dieselben 'transAblehnungGrund' Fehlercodes teilen. Dies ist suboptimal, da, wann immer sich einer der 'transAblehnungGrund' Fehlercodes veraendert, alle teilnehmenden Systeme angepasst, getestet und in einer neuen Version zur Verfuegung gestellt werden muessten. Um TXA wie bisher weiterverwenden zu koennen, und um das beschriebene Abhaengigkeitsproblem zu vermeiden, wurde dieses Feld nicht mit expliziter Aufzaehlung der moeglichen Fehlercodes, sondern mit einem simplen numerischen Typen versehen. Die genauen Fehlercodes sind der Schnittstelle des jeweiligen konkreten teilnehmenden Systems zu entnehmen. Die Codes 0 bis 9 (einschliesslich) sind fuer allgemeine Fehler reserviert und duerfen von den teilnehmenden Systemen nur fuer die vorgesehene Semantik verwendet werden (siehe Typ 'CommonServiceResultCode'). Es wird empfohlen, fuer die vollstaendigkeit der Schnittstelle, in den XSDs des jeweiligen Systems einen Aufzaehlungstypen vom Basistypen 'ct:INT1' mit den jeweiligen Fehlercodes des Systems zu definieren.</p>				
Diagram					
Type	tns:INT1				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<pre>&lt;xs:element name="transAblehnungGrund" type="ct:INT1"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;WICHTIG: Aus Historischen Gruenden ist TXA_Type ein allgemeiner Typ,       der von allen teilnehmenden Systemen genutzt wird. Das fuehrt dazu, dass sich alle Systeme       dieselben 'transAblehnungGrund' Fehlercodes teilen. Dies ist suboptimal, da, wann immer sich       einer der 'transAblehnungGrund' Fehlercodes veraendert, alle teilnehmenden Systeme angepasst,       getestet und in einer neuen Version zur Verfuegung gestellt werden muessten. Um TXA wie bisher       weiterverwenden zu koennen, und um das beschriebene Abhaengigkeitsproblem zu vermeiden, wurde       dieses Feld nicht mit expliziter Aufzaehlung der moeglichen Fehlercodes, sondern mit einem simplen       numerischen Typen versehen. Die genauen Fehlercodes sind der Schnittstelle des jeweiligen konkreten       teilnehmenden Systems zu entnehmen. Die Codes 0 bis 9 (einschliesslich) sind fuer allgemeine Fehler       reserviert und duerfen von den teilnehmenden Systemen nur fuer die vorgesehene Semantik verwendet       werden (siehe Typ 'CommonServiceResultCode'). Es wird empfohlen, fuer die vollstaendigkeit der       Schnittstelle, in den XSDs des jeweiligen Systems einen Aufzaehlungstypen vom Basistypen 'ct:INT1'       mit den jeweiligen Fehlercodes des Systems zu definieren.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;   &lt;/xs:element&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

## Element `tns:TXAS_Type` / `transSendeAuftrag`

Namespace	No namespace				
Diagram					
Type	restriction of tns:PrintableString				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:string</li> <li>tns:PrintableString</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>minLength</td><td>0</td></tr> <tr> <td>maxLength</td><td>10</td></tr> </table>	minLength	0	maxLength	10
minLength	0				
maxLength	10				



	pattern [ -p ] *
Source	<pre>&lt;xs:element name="transSendeAuftrag"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="tns:PrintableString"&gt;       &lt;xs:minLength value="0"/&gt;       &lt;xs:maxLength value="10"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXAS\_Type / transSendeAuftragstyp

Namespace	No namespace				
Diagram					
Type	tns:AuftragsTyp_CODE				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT1</li> <li>tns:AuftragsTyp_CODE</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	255	minInclusive	0
maxInclusive	255				
minInclusive	0				
Source	<pre>&lt;xs:element name="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE" /&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

### Element tns:TXDEABER\_Req\_Type / prodAkzeptanzEnde

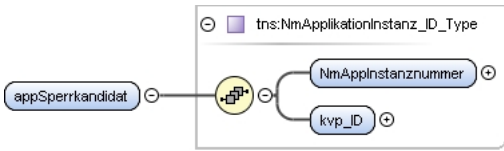
Namespace	No namespace
Diagram	
Type	tns:Date
Properties	content: simple
Source	<pre>&lt;xs:element name="prodAkzeptanzEnde" type="ct:Date" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXDEABER\_Req\_Type / prodProdukt\_ID

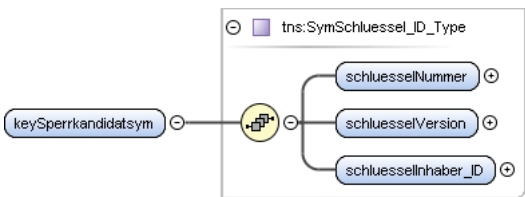
Namespace	No namespace
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<pre>&lt;prodProdukt_ID&gt;   &lt;produktNummer&gt;{0,1}&lt;/produktNummer&gt;   &lt;organisationID&gt;{1,1}&lt;/organisationID&gt; &lt;/prodProdukt_ID&gt;</pre>
Source	<pre>&lt;xs:element name="prodProdukt_ID" type="tns:EFMProdukt_ID_Type" /&gt;</pre>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd
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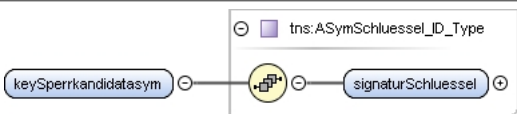
### Element **tns:TXSMITA\_Type** / **appSperrkandidat**

Namespace	No namespace
Diagram	 The diagram shows the 'appSperrkandidat' element containing a complex type 'tns:NmApplikationInstanz_ID_Type'. This complex type is composed of 'NmAppInstanznummer' and 'kvp_ID'.
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex nillable: false
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;appSperrkandidat&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/appSperrkandidat&gt;</pre>
Source	<code>&lt;xs:element name="appSperrkandidat" type="tns:NmApplikationInstanz_ID_Type" nillable="false"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:TXSANFSYMK\_Type** / **keySperrkandidatsym**

Namespace	No namespace
Diagram	 The diagram shows the 'keySperrkandidatsym' element containing a complex type 'tns:SymSchluessel_ID_Type'. This complex type is composed of 'schluesselNummer', 'schluesselVersion', and 'schluesselInhaber_ID'.
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;keySperrkandidatsym&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/keySperrkandidatsym&gt;</pre>
Source	<code>&lt;xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:TXSANFASYMK\_Type** / **keySperrkandidatasym**

Namespace	No namespace
Diagram	 The diagram shows the 'keySperrkandidatasym' element containing a complex type 'tns:ASymSchluessel_ID_Type'. This complex type is composed of 'signaturSchluessel'.
Type	tns:ASymSchluessel_ID_Type
Properties	content: complex
Model	signaturSchluessel

Children	signaturSchluessel
Instance	<pre>&lt;keySperrkandidatasy&gt;   &lt;signaturSchluessel&gt;{1,1}&lt;/signaturSchluessel&gt; &lt;/keySperrkandidatasy&gt;</pre>
Source	<pre>&lt;xs:element name="keySperrkandidatasy" type="tns:ASymSchluessel_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXSFREIMITSYMK\_Type / keySperrkandidatsym

Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;keySperrkandidatsym&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/keySperrkandidatsym&gt;</pre>
Source	<pre>&lt;xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXSFREIMITASYMK\_Type / keySperrkandidatasy

Namespace	No namespace
Diagram	
Type	tns:ASymSchluessel_ID_Type
Properties	content: complex
Model	signaturSchluessel
Children	signaturSchluessel
Instance	<pre>&lt;keySperrkandidatasy&gt;   &lt;signaturSchluessel&gt;{1,1}&lt;/signaturSchluessel&gt; &lt;/keySperrkandidatasy&gt;</pre>
Source	<pre>&lt;xs:element name="keySperrkandidatasy" type="tns:ASymSchluessel_ID_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXSMITSYMK\_Type / keySperrkandidatsym

Namespace	No namespace
Diagram	

Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<pre>&lt;keySperrkandidatsym&gt;   &lt;schluesselNummer&gt;{1,1}&lt;/schluesselNummer&gt;   &lt;schluesselVersion&gt;{1,1}&lt;/schluesselVersion&gt;   &lt;schluesselInhaber_ID&gt;{1,1}&lt;/schluesselInhaber_ID&gt; &lt;/keySperrkandidatsym&gt;</pre>
Source	<code>&lt;xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSMITASYMK\_Type / keySperrkandidatsym

Namespace	No namespace
Diagram	
Type	tns:ASymSchluessel_ID_Type
Properties	content: complex
Model	signaturSchluessel
Children	signaturSchluessel
Instance	<pre>&lt;keySperrkandidatsym&gt;   &lt;signaturSchluessel&gt;{1,1}&lt;/signaturSchluessel&gt; &lt;/keySperrkandidatsym&gt;</pre>
Source	<code>&lt;xs:element name="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSNAWA\_Req\_Type / samSperrkandidat

Namespace	No namespace				
Diagram					
Type	tns:SAM_ID_Type				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt             <ul style="list-style-type: none"> <li>tns:INT3                 <ul style="list-style-type: none"> <li>tns:ReferenceNumberThree                     <ul style="list-style-type: none"> <li>tns:SAM_ID_Type</li> </ul> </li> </ul> </li> </ul> </li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	16777215	minInclusive	0
maxInclusive	16777215				
minInclusive	0				
Source	<code>&lt;xs:element name="samSperrkandidat" type="tns:SAM_ID_Type" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd				

## Element tns:TXSNAWA\_Req\_Type / orgSperrkandidat

Namespace	No namespace
Diagram	
Type	tns:Organisation_ID

Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT2 <ul style="list-style-type: none"> <li>• tns:ReferenceNumberTwo</li> <li>• tns:Organisation_ID</li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<code>&lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSNAWA\_Req\_Type / zyklusNummer

Namespace	No namespace
Annotations	Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.
Diagram	
Type	tns:SperrlistenZyklusNummer_Type
Type hierarchy	<ul style="list-style-type: none"> <li>• xs:unsignedInt</li> <li>• tns:INT4 <ul style="list-style-type: none"> <li>• tns:SperrlistenZyklusNummer_Type</li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<pre>&lt;xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der     Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw.     SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste,     wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von     beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

## Element tns:TXSNAWA\_Req\_Type / sperrrtransaktionsApplikation

Namespace	No namespace
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;sperrrtransaktionsApplikation&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/sperrrtransaktionsApplikation&gt;</pre>
Source	<code>&lt;xs:element name="sperrrtransaktionsApplikation" type="tns:Transaktionsdatensatz_Type"/&gt;</code>

Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd
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### Element **tns:TXSNAWA\_Req\_Type** / **appNmTransaktionMAC**

Namespace	No namespace
Diagram	
Type	tns:appNmTransaktionMAC_Type
Properties	content: complex
Model	appMAC_AH , appMAC_KVP , appMAC_AH_Schlüssel_ID , appMAC_KVP_Schlüssel_ID
Children	appMAC_AH, appMAC_AH_Schlüssel_ID, appMAC_KVP, appMAC_KVP_Schlüssel_ID
Instance	<pre>&lt;appNmTransaktionMAC&gt;   &lt;appMAC_AH&gt;{1,1}&lt;/appMAC_AH&gt;   &lt;appMAC_KVP&gt;{1,1}&lt;/appMAC_KVP&gt;   &lt;appMAC_AH_Schlüssel_ID&gt;{1,1}&lt;/appMAC_AH_Schlüssel_ID&gt;   &lt;appMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/appMAC_KVP_Schlüssel_ID&gt; &lt;/appNmTransaktionMAC&gt;</pre>
Source	<code>&lt;xs:element name="appNmTransaktionMAC" type="tns:appNmTransaktionMAC_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:TXSNAWB\_Req\_Type** / **samSperrkandidat**


Namespace	No namespace
Diagram	
Type	tns:SAM_ID_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3</li> <li>tns:ReferenceNumberThree</li> <li>tns:SAM_ID_Type</li> </ul>
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	<code>&lt;xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element **tns:TXSNAWB\_Req\_Type** / **orgSperrkandidat**

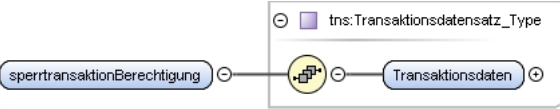
Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>

Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXSNAWB\_Req\_Type / zyklusNummer

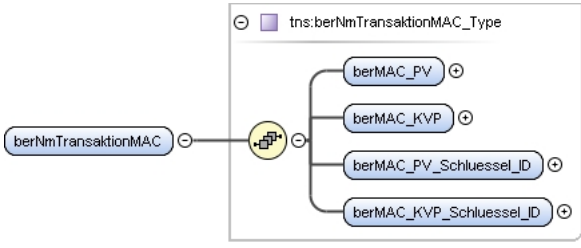
Namespace	No namespace
Annotations	Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjecte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.
Diagram	
Type	tns:SperrlistenZyklusNummer_Type
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4</li> <li>tns:SperrlistenZyklusNummer_Type</li> </ul>
Properties	content: simple
Facets	maxInclusive 4294967295
	minInclusive 0
Source	<pre>&lt;xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der     Sperrliste zugrundeliegenden Sperrobjecte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw.     SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste,     wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von     beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXSNAWB\_Req\_Type / sperrtransaktionBerechtigung


Namespace	No namespace
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;sperrtransaktionBerechtigung&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/sperrtransaktionBerechtigung&gt;</pre>
Source	<code>&lt;xs:element name="sperrtransaktionBerechtigung" type="tns:Transaktionsdatensatz_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

### Element tns:TXSNAWB\_Req\_Type / berNmTransaktionMAC

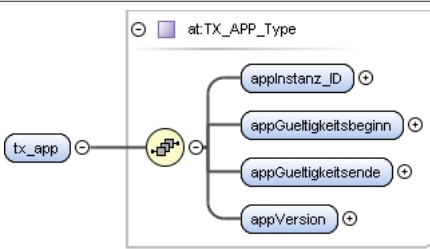
Namespace	No namespace
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Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID
Children	berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID
Instance	<pre> &lt;berNmTransaktionMAC&gt;   &lt;berMAC_PV&gt;{1,1}&lt;/berMAC_PV&gt;   &lt;berMAC_KVP&gt;{1,1}&lt;/berMAC_KVP&gt;   &lt;berMAC_PV_Schlüssel_ID&gt;{1,1}&lt;/berMAC_PV_Schlüssel_ID&gt;   &lt;berMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/berMAC_KVP_Schlüssel_ID&gt; &lt;/berNmTransaktionMAC&gt; </pre>
Source	<code>&lt;xs:element name="berNmTransaktionMAC" type="tns:berNmTransaktionMAC_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

#### Element ah:TXAA\_Type / nmMedium\_ID.nutzermediumNummer

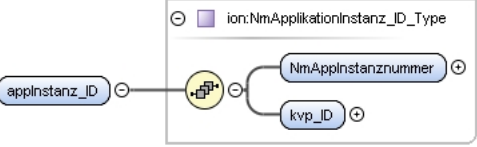
Namespace	No namespace
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<code>&lt;xs:element name="nmMedium_ID.nutzermediumNummer" type="ct:OctetString10"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

#### Element ah:TXAA\_Type / tx\_app


Namespace	No namespace
Diagram	
Type	tns:TX_APP_Type
Properties	content: complex
Model	appInstanz_ID , appGueltigkeitsbeginn , appGueltigkeitsende , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanz_ID, appVersion
Instance	<pre> &lt;tx_app&gt;   &lt;appInstanz_ID&gt;{1,1}&lt;/appInstanz_ID&gt;   &lt;appGueltigkeitsbeginn&gt;{1,1}&lt;/appGueltigkeitsbeginn&gt;   &lt;appGueltigkeitsende&gt;{1,1}&lt;/appGueltigkeitsende&gt;   &lt;appVersion&gt;{1,1}&lt;/appVersion&gt; &lt;/tx_app&gt; </pre>
Source	<code>&lt;xs:element name="tx_app" type="at:TX_APP_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd




## Element **tns:TX\_APP\_Type / appInstanz\_ID**

Namespace	No namespace
Diagram	 The diagram shows the 'appInstanz_ID' element connected to a complex content model. This model contains two child elements: 'NmAppInstanznummer' and 'kvp_ID', both of which are optional (indicated by a circle with a plus sign).
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;appInstanz_ID&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/appInstanz_ID&gt;</pre>
Source	<pre>&lt;xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd


## Element **tns:TX\_APP\_Type / appGueltigkeitsbeginn**

Namespace	No namespace				
Diagram	 The diagram shows the 'appGueltigkeitsbeginn' element connected to a simple content model of type 'ct:DateTimeCompact'.				
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table border="1"> <tr> <td>maxInclusive</td> <td>2117-12-31T23:59:58</td> </tr> <tr> <td>minInclusive</td> <td>1990-01-01T00:00:00</td> </tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<pre>&lt;xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd				

## Element **tns:TX\_APP\_Type / appGueltigkeitsende**

Namespace	No namespace				
Diagram	 The diagram shows the 'appGueltigkeitsende' element connected to a simple content model of type 'ct:DateTimeCompact'.				
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table border="1"> <tr> <td>maxInclusive</td> <td>2117-12-31T23:59:58</td> </tr> <tr> <td>minInclusive</td> <td>1990-01-01T00:00:00</td> </tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<pre>&lt;xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact"/&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd				

## Element **tns:TX\_APP\_Type / appVersion**

Namespace	No namespace		
Diagram	 The diagram shows the 'appVersion' element connected to a simple content model of type 'ct:BitString8'.		
Type	tns:BitString8		
Properties	content: simple		
Facets	<table border="1"> <tr> <td>length</td> <td>8</td> </tr> </table>	length	8
length	8		

	pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]
Source	<xs:element name="appVersion" type="ct:BitString8"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

### Element ah:TXAA\_Type / ausgabeTransaktionApplikation

Namespace	No namespace	
Diagram		
Type	tns:Transaktionsdatensatz_Type	
Properties	content:	complex
Model	Transaktionsdaten	
Children	Transaktionsdaten	
Instance	<pre>&lt;ausgabeTransaktionApplikation&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/ausgabeTransaktionApplikation&gt;</pre>	
Source	<xs:element name="ausgabeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd	

### Element ah:TXAA\_Type / appNmTransaktionMAC

Namespace	No namespace	
Diagram		
Type	tns:appNmTransaktionMAC_Type	
Properties	content:	complex
Model	appMAC_AH , appMAC_KVP , appMAC_AH_Schluesel_ID , appMAC_KVP_Schluesel_ID	
Children	appMAC_AH, appMAC_AH_Schluesel_ID, appMAC_KVP, appMAC_KVP_Schluesel_ID	
Instance	<pre>&lt;appNmTransaktionMAC&gt;   &lt;appMAC_AH&gt;{1,1}&lt;/appMAC_AH&gt;   &lt;appMAC_KVP&gt;{1,1}&lt;/appMAC_KVP&gt;   &lt;appMAC_AH_Schluesel_ID&gt;{1,1}&lt;/appMAC_AH_Schluesel_ID&gt;   &lt;appMAC_KVP_Schluesel_ID&gt;{1,1}&lt;/appMAC_KVP_Schluesel_ID&gt; &lt;/appNmTransaktionMAC&gt;</pre>	
Source	<xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd	

### Element ah:TXRA\_Type / ruecknahmeTransaktionApplikation

Namespace	No namespace	
Diagram		
Type	tns:Transaktionsdatensatz_Type	
Properties	content:	complex

Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<pre>&lt;ruecknahmeTransaktionApplikation&gt;   &lt;Transaktionsdaten&gt;{1,1}&lt;/Transaktionsdaten&gt; &lt;/ruecknahmeTransaktionApplikation&gt;</pre>
Source	<code>&lt;xs:element name="ruecknahmeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXRA\_Type / appNmTransaktionMAC

Namespace	No namespace
Diagram	
Type	tns:appNmTransaktionMAC_Type
Properties	content: complex
Model	appMAC_AH , appMAC_KVP , appMAC_AH_Schlüssel_ID , appMAC_KVP_Schlüssel_ID
Children	appMAC_AH, appMAC_AH_Schlüssel_ID, appMAC_KVP, appMAC_KVP_Schlüssel_ID
Instance	<pre>&lt;appNmTransaktionMAC&gt;   &lt;appMAC_AH&gt;{1,1}&lt;/appMAC_AH&gt;   &lt;appMAC_KVP&gt;{1,1}&lt;/appMAC_KVP&gt;   &lt;appMAC_AH_Schlüssel_ID&gt;{1,1}&lt;/appMAC_AH_Schlüssel_ID&gt;   &lt;appMAC_KVP_Schlüssel_ID&gt;{1,1}&lt;/appMAC_KVP_Schlüssel_ID&gt; &lt;/appNmTransaktionMAC&gt;</pre>
Source	<code>&lt;xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXRA\_Type / appVersion

Namespace	No namespace
Diagram	
Type	tns:BitString8
Properties	content: simple
Facets	length 8 pattern [0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]
Source	<code>&lt;xs:element name="appVersion" type="ct:BitString8"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXAEA\_Type / appInstanzId

Namespace	No namespace
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex

Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<pre>&lt;appInstanzId&gt;   &lt;NmAppInstanznummer&gt;{1,1}&lt;/NmAppInstanznummer&gt;   &lt;kvp_ID&gt;{1,1}&lt;/kvp_ID&gt; &lt;/appInstanzId&gt;</pre>
Source	<code>&lt;xs:element name="appInstanzId" type="ion:NmApplikationInstanz_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXAEA\_Type / appGueltigkeitsende

Namespace	No namespace				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<code>&lt;xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd				

### Element ah:TXAEA\_Type / appGueltigkeitsbeginn

Namespace	No namespace				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<code>&lt;xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd				

### Element ah:TXAEA\_Type / appVersion

Namespace	No namespace				
Diagram					
Type	tns:BitString8				
Properties	content: simple				
Facets	<table> <tr> <td>length</td><td>8</td></tr> <tr> <td>pattern</td><td>[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]</td></tr> </table>	length	8	pattern	[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]
length	8				
pattern	[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]				
Source	<code>&lt;xs:element name="appVersion" type="ct:BitString8" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd				

### Element ah:TXSANFS\_Type / samSperrkandidat

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberThree

Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT3 <ul style="list-style-type: none"> <li>tns:ReferenceNumberThree</li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 16777215
	minInclusive 0
Source	<code>&lt;xs:element name="samSperrkandidat" type="ct:ReferenceNumberThree" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXSANFS\_Type / samSequenznummer

Namespace	No namespace
Diagram	
Type	tns:SequenceNumberFour
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT4 <ul style="list-style-type: none"> <li>tns:SequenceNumberFour</li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 4294967295
	minInclusive 0
Source	<code>&lt;xs:element name="samSequenznummer" type="ct:SequenceNumberFour" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXKNAWDM\_Type / logTransaktionsOperator\_ID

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2 <ul style="list-style-type: none"> <li>tns:ReferenceNumberTwo</li> </ul> </li> </ul>
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<code>&lt;xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXKNAWDM\_Type / logTerminal\_ID

Namespace	No namespace
Diagram	

Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<pre>&lt;logTerminal_ID&gt;   &lt;terminalTyp&gt;{1,1}&lt;/terminalTyp&gt;   &lt;terminalNummer&gt;{1,1}&lt;/terminalNummer&gt;   &lt;terminalOwner_ID&gt;{1,1}&lt;/terminalOwner_ID&gt; &lt;/logTerminal_ID&gt;</pre>
Source	<code>&lt;xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXKNAWDM\_Type / logTransaktionsZeitpunkt

Namespace	No namespace				
Diagram					
Type	tns:DateTimeCompact				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table>	maxInclusive	2117-12-31T23:59:58	minInclusive	1990-01-01T00:00:00
maxInclusive	2117-12-31T23:59:58				
minInclusive	1990-01-01T00:00:00				
Source	<code>&lt;xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact" /&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd				

### Element ah:TXKNAWDM\_Type / logTransaktionsOrt\_ID

Namespace	No namespace
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<pre>&lt;logTransaktionsOrt_ID&gt;   &lt;ortTyp&gt;{1,1}&lt;/ortTyp&gt;   &lt;ortNummer&gt;{1,1}&lt;/ortNummer&gt;   &lt;ortDomaene_ID&gt;{1,1}&lt;/ortDomaene_ID&gt; &lt;/logTransaktionsOrt_ID&gt;</pre>
Source	<code>&lt;xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type" /&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

### Element ah:TXKNAWDM\_Type / transMediennummer

Namespace	No namespace
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10

Source	<code>&lt;xs:element name="transMediennummer" type="ct:OctetString10"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TX\_LKAORG\_Type / orgListe

Namespace	No namespace
Diagram	
Type	ah:TXLKAORG_SL_DATA_Type
Properties	content: complex
Model	ErstellungsDatum , daten
Children	ErstellungsDatum, daten
Instance	<pre>&lt;orgListe&gt;   &lt;ErstellungsDatum&gt;{1,1}&lt;/ErstellungsDatum&gt;   &lt;daten&gt;{1,1}&lt;/daten&gt; &lt;/orgListe&gt;</pre>
Source	<code>&lt;xs:element name="orgListe" type="ah:TXLKAORG_SL_DATA_Type"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

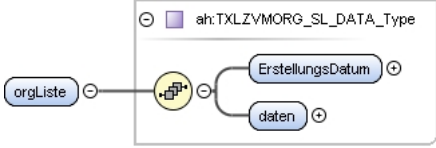
## Element ah:TXLKAORG\_SL\_DATA\_Type / ErstellungsDatum

Namespace	No namespace
Annotations	Zeitpunkt der Listenerstellung
Diagram	
Type	tns:DateTime
Properties	content: simple
Source	<pre>&lt;xs:element name="ErstellungsDatum" type="ct:DateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Zeitpunkt der Listenerstellung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

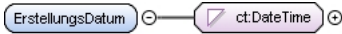
## Element ah:TXLKAORG\_SL\_DATA\_Type / daten

Namespace	No namespace
Annotations	Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema http://vdv/ka/ah/attachments durch das Element "TXLKAORGLIST_Resp_SL" definiert.
Diagram	
Type	xs:base64Binary
Properties	content: simple
Source	<pre>&lt;xs:element name="daten" type="xs:base64Binary" xmime:expectedContentTypes="application/ vnd.vdv.ah.txlkaorglist.sl.zip"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema http://vdv/ka/ah/attachments durch das Element "TXLKAORGLIST_Resp_SL" definiert.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd


## Element ah:TX\_LZVMORG\_Type / orgListe

Namespace	No namespace
Diagram	
Type	ah:TXLZVMORG_SL_DATA_Type
Properties	content: complex
Model	ErstellungsDatum , daten
Children	ErstellungsDatum, daten
Instance	<pre>&lt;orgListe&gt;   &lt;ErstellungsDatum&gt;{1,1}&lt;/ErstellungsDatum&gt;   &lt;daten&gt;{1,1}&lt;/daten&gt; &lt;/orgListe&gt;</pre>
Source	<pre>&lt;xs:element name="orgListe" type="ah:TXLZVMORG_SL_DATA_Type" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

## Element ah:TXLZVMORG\_SL\_DATA\_Type / ErstellungsDatum

Namespace	No namespace
Annotations	Zeitpunkt der Listenerstellung
Diagram	
Type	tns:DateTime
Properties	content: simple
Source	<pre>&lt;xs:element name="ErstellungsDatum" type="ct:DateTime"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Zeitpunkt der Listenerstellung&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd


## Element ah:TXLZVMORG\_SL\_DATA\_Type / daten

Namespace	No namespace
Annotations	Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema <a href="http://vdv/ka/ah/attachments">http://vdv/ka/ah/attachments</a> durch das Element "TXLKAZVMLIST_Resp_SL_Type" definiert.
Diagram	
Type	xs:base64Binary
Properties	content: simple
Source	<pre>&lt;xs:element name="daten" type="xs:base64Binary" xmlns:xmime="http://www.w3.org/2003/11/xmime" xmime:expectedContentTypes="application/vnd.vdv.ah.txlzvmorglist.zip"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema http://vdv/ka/ah/attachments durch das Element "TXLKAZVMLIST_Resp_SL_Type" definiert.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd


## Element tns:Kundenroute\_Type / bezeichnung

Namespace	No namespace
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Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [ -p]*
Source	<code>&lt;xs:element name="bezeichnung" type="ion:PrintableString"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

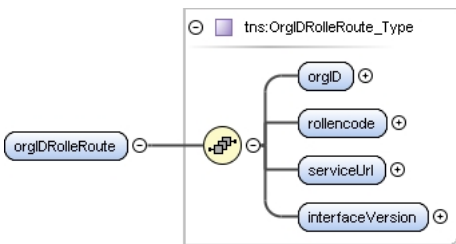
### Element tns:Kundenroute\_Type / kurzBezeichnung

Namespace	No namespace
Diagram	
Type	tns:PrintableString
Properties	content: simple nillable: true
Facets	pattern [ -p]*
Source	<code>&lt;xs:element name="kurzBezeichnung" type="ion:PrintableString" nillable="true"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

### Element tns:Kundenroute\_Type / email

Namespace	No namespace
Diagram	
Type	tns:Email_Type
Properties	content: simple nillable: true
Facets	pattern \w+ ( [ - + . ' ] \w+ ) * @ \w+ ( [ - . ] \w+ ) * \. \w+ ( [ - . ] \w+ ) *
Source	<code>&lt;xs:element name="email" type="tns:Email_Type" nillable="true"/&gt;</code>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

### Element tns:Kundenroute\_Type / orgIDRolleRoute


Namespace	No namespace
Diagram	
Type	tns:OrgIDRolleRoute_Type
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	orgID , rollencode , serviceUrl , interfaceVersion
Children	interfaceVersion, orgID, rollencode, serviceUrl

Instance	<pre>&lt;orgIDRolleRoute&gt;   &lt;orgID&gt;{1,1}&lt;/orgID&gt;   &lt;rollencode&gt;{1,1}&lt;/rollencode&gt;   &lt;serviceUrl&gt;{1,1}&lt;/serviceUrl&gt;   &lt;interfaceVersion&gt;{1,1}&lt;/interfaceVersion&gt; &lt;/orgIDRolleRoute&gt;</pre>
Source	<pre>&lt;xs:element name="orgIDRolleRoute" type="tns:OrgIDRolleRoute_Type" minOccurs="1" maxOccurs="unbounded" /&gt;</pre>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

### Element **tns:OrgIDRolleRoute\_Type / orgID**

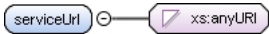
Namespace	No namespace				
Diagram					
Type	tns:Organisation_ID				
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt</li> <li>tns:INT2</li> <li>tns:ReferenceNumberTwo</li> <li>tns:Organisation_ID</li> </ul>				
Properties	content: simple				
Facets	<table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	65535	minInclusive	0
maxInclusive	65535				
minInclusive	0				
Source	<pre>&lt;xs:element name="orgID" type="ka:Organisation_ID" /&gt;</pre>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd				

### Element **tns:OrgIDRolleRoute\_Type / rollencode**

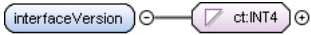
Namespace	No namespace		
Diagram			
Type	tns:KommunikationsParterRolle		
Type hierarchy	<ul style="list-style-type: none"><li>• xs:unsignedInt<ul style="list-style-type: none"><li>• tns:INT1<ul style="list-style-type: none"><li>• tns:KommunikationsParterRolle</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Unbekannt
	enumeration	1	KVP
	enumeration	2	DL
	enumeration	3	PV
	enumeration	4	AH
	enumeration	5	KOSES
	enumeration	254	ZVM
Source	<xs:element name="rollencode" type="ka:KommunikationsParterRolle" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd		

### Element **tns:OrgIDRolleRoute\_Type / serviceUrl**


Namespace	No namespace
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Diagram					
Type	xs:anyURI				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	nillable:	true
content:	simple				
nillable:	true				
Source	<code>&lt;xs:element name="serviceUri" type="xs:anyURI" nillable="true"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd				


### Element tns:OrgIDRolleRoute\_Type / interfaceVersion

Namespace	No namespace				
Diagram					
Type	tns:INT4				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	nillable:	true
content:	simple				
nillable:	true				
Facets	<table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table>	maxInclusive	4294967295	minInclusive	0
maxInclusive	4294967295				
minInclusive	0				
Source	<code>&lt;xs:element name="interfaceVersion" type="ct:INT4" nillable="true"/&gt;</code>				
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd				

### Element tns:Kundenrolle\_Type / rollencode

Namespace	No namespace		
Diagram			
Type	tns:KommunikationsParterRolle		
Type hierarchy	<ul style="list-style-type: none"><li>xs:unsignedInt<ul style="list-style-type: none"><li>tns:INT1<ul style="list-style-type: none"><li>tns:KommunikationsParterRolle</li></ul></li></ul></li></ul>		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	Unbekannt
	enumeration	1	KVP
	enumeration	2	DL
	enumeration	3	PV
	enumeration	4	AH
	enumeration	5	KOSES
	enumeration	254	ZVM
Source	<xs:element name="rollencode" type="ka:KommunikationsParterRolle" />		
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd		

### Element tns:Kundenrolle\_Type / ip

Namespace	No namespace		
Diagram			
Type	tns:IP_Format		
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		

Facets	pattern	(( [1-9]?[0-9]   1[0-9] [0-9]   2[0-4][0-9]   25[0-5]) \. ) {3} ([1-9]? [0-9]   1[0-9] [0-9]   2[0-4] [0-9]   25[0-5])
Source	<xs:element name="ip" type="tns:IP_Format" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

### Element tns:Kundenrolle\_Type / port

Namespace	No namespace	
Diagram		
Type	tns:Port_Format	
Properties	content:	simple
Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="port" type="tns:Port_Format" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

### Element tns:Organisation\_Type / bezeichnung

Namespace	No namespace	
Diagram		
Type	xs:string	
Properties	content:	simple
Source	<xs:element name="bezeichnung" type="xs:string" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

### Element tns:Organisation\_Type / kurzbezeichnung

Namespace	No namespace	
Diagram		
Type	xs:string	
Properties	content:	simple
	nillable:	true
Source	<xs:element name="kurzbezeichnung" type="xs:string" nillable="true" />	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

### Element tns:Organisation\_Type / orgId

Namespace	No namespace	
Diagram		
Type	tns:ReferenceNumberTwo	
Type hierarchy	<ul style="list-style-type: none"> <li>xs:unsignedInt <ul style="list-style-type: none"> <li>tns:INT2 <ul style="list-style-type: none"> <li>tns:ReferenceNumberTwo</li> </ul> </li> </ul> </li> </ul>	
Properties	content:	simple

Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="orgId" type="ct:ReferenceNumberTwo"/>	
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

## Element tns:Organisation\_Type / kommunikationsPartnerRoute

Namespace	No namespace
Diagram	
Type	tns:Kundenrolle_Type
Properties	content: complex
	minOccurs: 1
	maxOccurs: unbounded
Model	rollencode , ip , port
Children	ip, port, rollencode
Instance	<pre>&lt;kommunikationsPartnerRoute&gt;   &lt;rollencode&gt;{1,1}&lt;/rollencode&gt;   &lt;ip&gt;{1,1}&lt;/ip&gt;   &lt;port&gt;{1,1}&lt;/port&gt; &lt;/kommunikationsPartnerRoute&gt;</pre>
Source	<xs:element name="kommunikationsPartnerRoute" type="tns:Kundenrolle_Type" minOccurs="1" maxOccurs="unbounded"/>
Schema location	file:/C:/Users/W.Hoffmann/Projekte/VDV-Interfaces/github-version-2020/ka-190/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd