Schema documentation for XML-Schema_PE.xsd

june 3, 2026

Table of Contents

Resource hierarchy: ... 13
Namespace: "http://vdv/ka/pe/2" ... 14
Schema(s) ... 14
Main schema XML-Schema_PE.xsd ... 14
Element(s) ... 15
Element tns:STATUS_DATA_OK_Type / tns:STATUS_CODE ... 15
Element tns:STATUS_DATA_OK_Type / tns:STATUS_SUBCODE ... 15
Element tns:STATUS_DATA_OK_Type / tns:STATUS_TEXT ... 15
Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_CODE ... 15
Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_SUBCODE ... 16
Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_TEXT ... 16
Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_CODE ... 16
Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_SUBCODE ... 17
Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_TEXT ... 17
Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_CODE ... 17
Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_SUBCODE ... 18
Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_TEXT ... 18
Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_CODE ... 18
Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_SUBCODE ... 19
Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_TEXT ... 19
Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_CODE ... 19
Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_SUBCODE ... 20
Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_TEXT ... 20
Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_CODE ... 20
Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_SUBCODE ... 21
Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_TEXT ... 21
Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_CODE ... 21
Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_SUBCODE ... 22
Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_TEXT ... 22
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_CODE ... 22
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_SUBCODE ... 23
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_TEXT ... 23
Element tns:SESSION_DATA_Type / tns:DATE_TIME ... 23
Element tns:SESSION_DATA_Type / tns:SES_ID ... 23
Element tns:SESSION_DATA_Type / tns:ACTION ... 24
Element tns:SESSION_DATA_Type / tns:PARAMETER ... 24
Element tns:SESSION_DATA_Type / tns:KA_VERSION ... 24
Element tns:ENGINE_DATA_Type / tns:VENDOR ... 25
Element tns:ENGINE_DATA_Type / tns:TYPE ... 25
Element tns:ENGINE_DATA_Type / tns:VERSION ... 25
Element tns:ENGINE_DATA_Type / tns:FIRMWARE ... 25
Element tns:ENGINE_DATA_Type / tns:TERM_TYP_CODE ... 26
Element tns:ENGINE_DATA_Type / tns:MAG_COUNT ... 26
Element tns:ENGINE_DATA_Type / tns:ACT_MAG ... 26
Element tns:ENGINE_DATA_Type / tns:ACT_MAG_NAME ... 26
Element tns:ENGINE_DATA_Type / tns:ACT_MAG_CONTENT ... 26
Element tns:ENGINE_DATA_Type / tns:PRINTER ... 27
Element tns:Schluesselversionen_Type / tns:K-PV-KM-MAC ... 27
Element tns:Schluesselversionen_Type / tns:K-KVP-KM-MAC ... 27
Element tns:Schluesselversionen_Type / tns:K-ERF-KM-MAC ... 27
Element tns:SAM_Transaktion_ID_Type / tns:samSequenznummer ... 28
Element tns:SAM_Transaktion_ID_Type / tns:SAM_ID.samNummer ... 28
Element tns:SAM_DATA_Type / tns:samGueltigkeitsbeginn ... 28
Element tns:SAM_DATA_Type / tns:samVerfalldatum ... 28
Element tns:SAM_DATA_Type / tns:samOrganisations_ID ... 29
Element tns:SAM_DATA_Type / tns:samTransaktion_ID ... 29
Element tns:SAM-Schluessel-Info_Type / tns:SAM_ID.samNummer ... 29
Element tns:SAM-Schluessel-Info_Type / tns:LoadKey-Zaehler ... 30
Element tns:SAM-Schluessel-Info_Type / tns:Schluesselname ... 30
Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Limit ... 30

Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Sequenz-Zaehler 31
Element tns:NmKundendaten_Type / tns:kundeGeburtsdatum 31
Element tns:NmKundendaten_Type / tns:kundeSprache.code 31
Element tns:NmKundendaten_Type / tns:kundeName 32
Element tns:NmKundendaten_Type / tns:kundeVorname 32
Element tns:NmKundendaten_Type / tns:kundeGeschlecht.code 32
Element tns:NmKundendaten_Type / tns:kundenTyp1.code 33
Element tns:NmKundendaten_Type / tns:kundenTyp1.BeginnDatum 33
Element tns:NmKundendaten_Type / tns:kundenTyp1.AblaufDatum 33
Element tns:NmKundendaten_Type / tns:kundenTyp1.Anwendungsgebiet 33
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID1 34
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID2 34
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID3 34
Element tns:NmKundendaten_Type / tns:kundenTyp1.StreckeVon 35
Element tns:NmKundendaten_Type / tns:kundenTyp1.StreckeNach 35
Element tns:NmKundendaten_Type / tns:kundenTyp2.code 36
Element tns:NmKundendaten_Type / tns:kundenTyp2.BeginnDatum 36
Element tns:NmKundendaten_Type / tns:kundenTyp2.AblaufDatum 36
Element tns:NmKundendaten_Type / tns:kundenTyp2.Anwendungsgebiet 36
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID1 37
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID2 37
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID3 37
Element tns:NmKundendaten_Type / tns:kundenTyp2.StreckeVon 38
Element tns:NmKundendaten_Type / tns:kundenTyp2.StreckeNach 38
Element tns:NmKundendaten_Type / tns:kundenTyp3.code 39
Element tns:NmKundendaten_Type / tns:kundenTyp3.BeginnDatum 39
Element tns:NmKundendaten_Type / tns:kundenTyp3.AblaufDatum 39
Element tns:NmKundendaten_Type / tns:kundenTyp3.Anwendungsgebiet 39
Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID1 40
Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID2 40
Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID3 40
Element tns:NmKundendaten_Type / tns:kundenTyp3.StreckeVon 41
Element tns:NmKundendaten_Type / tns:kundenTyp3.StreckeNach 41
Element tns:NmKundendaten_Type / tns:Infotext 42
Element tns:NmVerzeichniseintragAppDaten_Type / tns:NmSystemspezifischerVerzeichnisteil ... 42
Element tns:NmSystemspezifischerVerzeichnisteil_Type / tns:zeigerSeparaterDatenteil 42
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appInstanz_ID 43
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appVersion 43
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appGueltigkeitsbeginn 43
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appGueltigkeitsende 44
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appStatus 44
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appSynchronNummer 44
Element tns:NmVerzeichniseintragApplikationslogbuch_Type / tns:NmSystemspezifis-
cherVerzeichnisteil 44
Element tns:NmVerzeichniseintragApplikationslogbuch_Type / tns:logApplikationSeqNummer 45
Element tns:NmVerzeichniseintragKunde_Type / tns:NmSystemspezifischerVerzeichnisteil 45
Element tns:NmVerzeichniseintragLetzteTransaktion_Type / tns:logTransaktionsTyp.code 45
Element tns:NmVerzeichniseintragLetzteTransaktion_Type / tns:NmSystemspezifischerVerze-
ichnisteil 46
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz1 46
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz2 46
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz3 47
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz4 47
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz5 47
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz6 47
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz7 48
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz8 48
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz9 48
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz10 48
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz11 49
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz12 49
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz13 49
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz14 49
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz15 50
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz16 50
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:NmSystemspezifischerVerzeich-
nisteil 50
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berBerechtigung_ID 51
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:prodProdukt_ID 51
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:prodKeyOrganisation_ID 51
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berGueltigkeitsbeginn 52
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berGueltigkeitsende 52

Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berStatus 52
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berSynchronNummer 52
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragAppDaten 53
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragAppLogbuch 53
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragKunde 54
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragSchluesselregister 54
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:NmSystemspezifis-
cherVerzeichnisteil 55
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Org_ID_Hersteller 55
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:NM-Spezifikationsversion 56
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Herstellerversion 56
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:appInstanz_ID 56
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Zufallszahl 56
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:RFU1 57
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:RFU2 57
Element tns:NmApplikationsverzeichnis_Type / tns:LetzteTransaktion 57
Element tns:NmApplikationsverzeichnis_Type / tns:Prioritaeten 58
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragBerDaten 59
Element tns:NmApplikationslogbuch_Type / tns:Transaktionsdatensatz 59
Element tns:NmApplikationsdaten_Type / tns:LetzteTransaktion 60
Element tns:NmApplikationsdaten_Type / tns:Schluesselversionen 60
Element tns:NmApplikationsdaten_Type / tns:Ausgabetransaktionskennung 60
Element tns:NmApplikationsdaten_Type / tns:Infotext 61
Element tns:NmBerechtigungsdaten_Type / tns:berechtigungTarifbereich 61
Element tns:NmBerechtigungsdaten_Type / tns:LetzteTransaktion 61
Element tns:NmBerechtigungsdaten_Type / tns:Schluesselversionen 62
Element tns:NmBerechtigungsdaten_Type / tns:Ausgabetransaktionskennung 62
Element tns:NmBerechtigungsdaten_Type / tns:Infotext 63
Element tns:Schluesselregister_Type / tns:Schluesselname 63
Element tns:TXWBD_Type / tns:SESSION_DATA 63
Element tns:TXWBD_Type / tns:ENGINE_DATA 64
Element tns:TXWBD_Type / tns:STATUS_DATA 65
Element tns:TXAUTH_Type / tns:SESSION_DATA 65
Element tns:TXAUTH_Type / tns:SAM_DATA 66
Element tns:TXAUTH_Type / tns:STATUS_DATA 66
Element tns:TXBGN_Type / tns:SESSION_DATA 66
Element tns:TXBGN_Type / tns:ENGINE_DATA 67
Element tns:TXBGN_Type / tns:SAM_DATA 68
Element tns:TXBGN_Type / tns:STATUS_DATA 68
Element tns:TXBGN_Type / tns:NmApplikationsverzeichnis 68
Element tns:TXLADKEYREG_Type / tns:SESSION_DATA 69
Element tns:TXLADKEYREG_Type / tns:SAM_DATA 70
Element tns:TXLADKEYREG_Type / tns:STATUS_DATA 70
Element tns:TXLOEKEYREG_Type / tns:SESSION_DATA 70
Element tns:TXLOEKEYREG_Type / tns:SAM_DATA 71
Element tns:TXLOEKEYREG_Type / tns:STATUS_DATA 72
Element tns:TXLESKEYREG_Type / tns:SESSION_DATA 72
Element tns:TXLESKEYREG_Type / tns:SAM_DATA 72
Element tns:TXLESKEYREG_Type / tns:STATUS_DATA 73
Element tns:TXLESKEYREG_Type / tns:Schluesselregister 73
Element tns:TXEND_Type / tns:SESSION_DATA 73
Element tns:TXEND_Type / tns:SAM_DATA 74
Element tns:TXEND_Type / tns:STATUS_DATA 75
Element tns:TXLESAPPLOG_Type / tns:SESSION_DATA 75
Element tns:TXLESAPPLOG_Type / tns:SAM_DATA 75
Element tns:TXLESAPPLOG_Type / tns:STATUS_DATA 76
Element tns:TXLESAPPLOG_Type / tns:NmApplikationsLogbuch 76
Element tns:TXLOEAPPLOG_Type / tns:SESSION_DATA 76
Element tns:TXLOEAPPLOG_Type / tns:SAM_DATA 77
Element tns:TXLOEAPPLOG_Type / tns:STATUS_DATA 77
Element tns:TXAGBKUNDE_Type / tns:SESSION_DATA 78
Element tns:TXAGBKUNDE_Type / tns:SAM_DATA 78
Element tns:TXAGBKUNDE_Type / tns:STATUS_DATA 79
Element tns:TXLESKUNDE_Type / tns:SESSION_DATA 79
Element tns:TXLESKUNDE_Type / tns:SAM_DATA 79
Element tns:TXLESKUNDE_Type / tns:STATUS_DATA 80
Element tns:TXLESKUNDE_Type / tns:NmKundendaten 80
Element tns:TXLOEKUNDE_Type / tns:SESSION_DATA 82
Element tns:TXLOEKUNDE_Type / tns:SAM_DATA 83
Element tns:TXLOEKUNDE_Type / tns:STATUS_DATA 83
Element tns:TXAGBPRIO_Type / tns:SESSION_DATA 84
Element tns:TXAGBPRIO_Type / tns:SAM_DATA 84

Element tns:TXAGBPRIO_Type / tns:STATUS_DATA 85
Element tns:TXLOEPRIO_Type / tns:SESSION_DATA 85
Element tns:TXLOEPRIO_Type / tns:SAM_DATA 85
Element tns:TXLOEPRIO_Type / tns:STATUS_DATA 86
Element tns:TXAGBPINPUC_Type / tns:SESSION_DATA 86
Element tns:TXAGBPINPUC_Type / tns:SAM_DATA 87
Element tns:TXAGBPINPUC_Type / tns:STATUS_DATA 87
Element tns:TXPPIN_Type / tns:SESSION_DATA 87
Element tns:TXPPIN_Type / tns:SAM_DATA 88
Element tns:TXPPIN_Type / tns:STATUS_DATA 88
Element tns:TXAENDPIN_Type / tns:SESSION_DATA 89
Element tns:TXAENDPIN_Type / tns:SAM_DATA 89
Element tns:TXAENDPIN_Type / tns:STATUS_DATA 90
Element tns:TXSPIN_Type / tns:SESSION_DATA 90
Element tns:TXSPIN_Type / tns:SAM_DATA 90
Element tns:TXSPIN_Type / tns:STATUS_DATA 91
Element tns:TXDRUCK_Type / tns:SESSION_DATA 91
Element tns:TXDRUCK_Type / tns:SAM_DATA 92
Element tns:TXDRUCK_Type / tns:STATUS_DATA 92
Element tns:TXWEBAENDN_Type / tns:SESSION_DATA 92
Element tns:TXWEBAENDN_Type / tns:SAM_DATA 93
Element tns:TXWEBAENDN_Type / tns:STATUS_DATA 93
Element tns:TXSBER_Type / tns:SESSION_DATA 94
Element tns:TXSBER_Type / tns:SAM_DATA 94
Element tns:TXSBER_Type / tns:STATUS_DATA 95
Element tns:TXAGBBER_Type / tns:SESSION_DATA 95
Element tns:TXAGBBER_Type / tns:SAM_DATA 95
Element tns:TXAGBBER_Type / tns:STATUS_DATA 96
Element tns:TXLOEBER_Type / tns:SESSION_DATA 96
Element tns:TXLOEBER_Type / tns:SAM_DATA 97
Element tns:TXLOEBER_Type / tns:STATUS_DATA 97
Element tns:TXWEBPOBPEB_Type / tns:SESSION_DATA 97
Element tns:TXWEBPOBPEB_Type / tns:SAM_DATA 98
Element tns:TXWEBPOBPEB_Type / tns:STATUS_DATA 98
Element tns:TXPEB_Type / tns:SESSION_DATA 99
Element tns:TXPEB_Type / tns:SAM_DATA 99
Element tns:TXPEB_Type / tns:STATUS_DATA 100
Element tns:TXLPEB_Type / tns:einzahlungsbelegBerechtigung 100
Element tns:TXLPEB_Type / tns:berNmTransaktionMAC 100
Element tns:TXAENDBER_Type / tns:SESSION_DATA 101
Element tns:TXAENDBER_Type / tns:SAM_DATA 101
Element tns:TXAENDBER_Type / tns:STATUS_DATA 102
Element tns:TXLESBER_Type / tns:SESSION_DATA 102
Element tns:TXLESBER_Type / tns:SAM_DATA 102
Element tns:TXLESBER_Type / tns:STATUS_DATA 103
Element tns:TXLESBER_Type / tns:NmApplikationsverzeichnis 103
Element tns:TXLESBER_Type / tns:NmApplikationsDaten 104
Element tns:TXLESBER_Type / tns:NmBerechtigungsDaten 104
Element tns:TXAGBKEY_Type / tns:SESSION_DATA 105
Element tns:TXAGBKEY_Type / tns:SAM_DATA 106
Element tns:TXAGBKEY_Type / tns:STATUS_DATA 106
Element tns:TXLESKEY_Type / tns:SESSION_DATA 106
Element tns:TXLESKEY_Type / tns:SAM_DATA 107
Element tns:TXLESKEY_Type / tns:STATUS_DATA 107
Element tns:TXLESKEY_Type / tns:SAM_Schluessel-Info 107
Element tns:TXAUFTRAG_Type / tns:SESSION_DATA 108
Element tns:TXAUFTRAG_Type / tns:STATUS_DATA 109
Element tns:TXANSCHR_Type / tns:SESSION_DATA 109
Element tns:TXANSCHR_Type / tns:STATUS_DATA 109
Element tns:TXANTWORT_Type / tns:SESSION_DATA 110
Element tns:TXANTWORT_Type / tns:STATUS_DATA 110
Element tns:TXANTWORT_Type / tns:SUB_SES_ID 110
Element tns:TXANTWORT_Type / tns:NmApplikationsverzeichnis 111
Element tns:ERROR_Type / tns:SESSION_DATA 111
Element tns:ERROR_Type / tns:ENGINE_DATA 112
Element tns:ERROR_Type / tns:STATUS_DATA 113
Element tns:TXWBD 113
Element tns:TXAUTH 113
Element tns:TXBGN 114
Element tns:TXEND 114
Element tns:TXLESAPPLOG 115
Element tns:TXLOEAPPLOG 115

Element tns:TXAGBKUNDE ... 116
Element tns:TXLESKUNDE ... 116
Element tns:TXLOEKUNDE ... 117
Element tns:TXAGBPRIO ... 117
Element tns:TXLOEPRIO ... 118
Element tns:TXAGBPINPUC ... 118
Element tns:TXPPIN ... 119
Element tns:TXAENDPIN ... 119
Element tns:TXSPIN ... 120
Element tns:TXDRUCK ... 120
Element tns:TXWEBAENDN ... 121
Element tns:TXSBER ... 122
Element tns:TXAGBBER ... 122
Element tns:TXLOEBER ... 123
Element tns:TXWEBPOBPEB ... 124
Element tns:TXPEB ... 124
Element tns:TXLPEB ... 125
Element tns:TXAENDBER ... 125
Element tns:TXLESBER ... 126
Element tns:TXAGBKEY ... 127
Element tns:TXLESKEY ... 127
Element tns:TXLESKEYREG ... 128
Element tns:TXLOEKEYREG ... 128
Element tns:TXLADKEYREG ... 129
Element tns:TXAUFTRAG ... 129
Element tns:TXANSCHR ... 130
Element tns:TXANTWORT ... 130
Element tns:ERROR ... 131
Simple Type(s) ... 131
Simple Type tns:VersionNumber ... 131
Simple Type tns:VersionNumberExtended ... 132
Simple Type tns:STATUS_CODE_OK_Type ... 132
Simple Type tns:STATUS_SUBCODE_OK_Type ... 133
Simple Type tns:STATUS_CODE_SessionError_Type ... 133
Simple Type tns:STATUS_SUBCODE_SessionError_Type ... 133
Simple Type tns:STATUS_CODE_EngineError_Type ... 134
Simple Type tns:STATUS_SUBCODE_EngineError_Type ... 135
Simple Type tns:STATUS_CODE_MediumError_Type ... 136
Simple Type tns:STATUS_SUBCODE_MediumError_Type ... 136
Simple Type tns:STATUS_CODE_ApplicationError_Type ... 137
Simple Type tns:STATUS_SUBCODE_ApplicationError_Type ... 138
Simple Type tns:STATUS_CODE_EntitlementError_Type ... 139
Simple Type tns:STATUS_SUBCODE_EntitlementError_Type ... 139
Simple Type tns:STATUS_CODE_PrinterError_Type ... 140
Simple Type tns:STATUS_SUBCODE_PrinterError_Type ... 140
Simple Type tns:STATUS_CODE_SoftwareError_Type ... 141
Simple Type tns:STATUS_SUBCODE_SoftwareError_Type ... 142
Simple Type tns:STATUS_CODE_ServiceOperatorError_Type ... 143
Simple Type tns:STATUS_SUBCODE_ServiceOperatorError_Type ... 143
Complex Type(s) ... 144
Complex Type tns:STATUS_DATA_Type ... 144
Complex Type tns:STATUS_DATA_OK_Type ... 144
Complex Type tns:STATUS_DATA_SessionError_Type ... 145
Complex Type tns:STATUS_DATA_EngineError_Type ... 145
Complex Type tns:STATUS_DATA_MediumError_Type ... 146
Complex Type tns:STATUS_DATA_ApplicationError_Type ... 146
Complex Type tns:STATUS_DATA_EntitlementError_Type ... 147
Complex Type tns:STATUS_DATA_PrinterError_Type ... 148
Complex Type tns:STATUS_DATA_SoftwareError_Type ... 148
Complex Type tns:STATUS_DATA_ServiceOperatorError_Type ... 149
Complex Type tns:SESSION_DATA_Type ... 149
Complex Type tns:ENGINE_DATA_Type ... 150
Complex Type tns:Schluesselversionen_Type ... 151
Complex Type tns:SAM_Transaktion_ID_Type ... 152
Complex Type tns:SAM_DATA_Type ... 152
Complex Type tns:SAM-Schluessel-Info_Type ... 153
Complex Type tns:NmKundendaten_Type ... 153
Complex Type tns:NmVerzeichniseintragAppDaten_Type ... 156
Complex Type tns:NmSystemspezifischerVerzeichnisteil_Type ... 156
Complex Type tns:NmVerzeichniseintragApplikationslogbuch_Type ... 157
Complex Type tns:NmVerzeichniseintragKunde_Type ... 157
Complex Type tns:NmVerzeichniseintragLetzteTransaktion_Type ... 157

Complex Type tns:NmVerzeichniseintragPrioritaeten_Type 158
Complex Type tns:NmVerzeichniseintragBerechtigungen_Type 159
Complex Type tns:NmApplikationsverzeichnis_Type 160
Complex Type tns:NmVerzeichniseintragSchluesselregister_Type 160
Complex Type tns:NmApplikationslogbuch_Type 161
Complex Type tns:NmApplikationsdaten_Type 162
Complex Type tns:NmBerechtigungsdaten_Type 162
Complex Type tns:Schluesselregister_Type 163
Complex Type tns:TXWBD_Type 163
Complex Type tns:TXAUTH_Type 163
Complex Type tns:TXBGN_Type 164
Complex Type tns:TXLADKEYREG_Type 164
Complex Type tns:TXLOEKEYREG_Type 165
Complex Type tns:TXLESKEYREG_Type 165
Complex Type tns:TXEND_Type 166
Complex Type tns:TXLESAPPLOG_Type 166
Complex Type tns:TXLOEAPPLOG_Type 167
Complex Type tns:TXAGBKUNDE_Type 167
Complex Type tns:TXLESKUNDE_Type 168
Complex Type tns:TXLOEKUNDE_Type 168
Complex Type tns:TXAGBPRIO_Type 169
Complex Type tns:TXLOEPRIO_Type 169
Complex Type tns:TXAGBPINPUC_Type 170
Complex Type tns:TXPPIN_Type 170
Complex Type tns:TXAENDPIN_Type 171
Complex Type tns:TXSPIN_Type 171
Complex Type tns:TXDRUCK_Type 171
Complex Type tns:TXWEBAENDN_Type 172
Complex Type tns:TXSBER_Type 172
Complex Type tns:TXAGBBER_Type 173
Complex Type tns:TXLOEBER_Type 174
Complex Type tns:TXWEBPOBPEB_Type 174
Complex Type tns:TXPEB_Type 175
Complex Type tns:TXLPEB_Type 176
Complex Type tns:TXAENDBER_Type 176
Complex Type tns:TXLESBER_Type 177
Complex Type tns:TXAGBKEY_Type 177
Complex Type tns:TXLESKEY_Type 178
Complex Type tns:TXAUFTRAG_Type 178
Complex Type tns:TXANSCHR_Type 179
Complex Type tns:TXANTWORT_Type 179
Complex Type tns:ERROR_Type 180
Namespace: "http://vdv/ka/common/types/2" 180
Schema(s) 180
Imported schema XML-Schema_Common_Types.xsd 180
Simple Type(s) 180
Simple Type tns:BitString8 180
Simple Type tns:BitString16 181
Simple Type tns:INT1 181
Simple Type tns:DateTime 182
Simple Type tns:OctetString1 182
Simple Type tns:ReferenceNumberFour 183
Simple Type tns:INT4 183
Simple Type tns:ReferenceNumberThree 184
Simple Type tns:INT3 184
Simple Type tns:Date 184
Simple Type tns:ReferenceNumberTwo 185
Simple Type tns:INT2 185
Simple Type tns:Datef 186
Simple Type tns:DateTimeCompact 186
Simple Type tns:ReferenceNumberOne 187
Simple Type tns:OctetString4 187
Simple Type tns:SequenceNumberFour 187
Simple Type tns:OctetString8 188
Simple Type tns:SequenceNumberTwo 188
Simple Type tns:OctetString10 189
Simple Type tns:BitString1 189
Simple Type tns:DateCompact 189
Simple Type tns:OctetString12 190
Simple Type tns:OctetString128 190
Simple Type tns:OctetString200 190
Simple Type tns:SequenceNumberOne 191

Simple Type tns:SequenceNumberThree ... 191
Namespace: "http://vdv/ka/common/2" ... 191
Schema(s) ... 191
Imported schema XML-Schema_KA_Common.xsd ... 191
Element(s) ... 192
Element tns:VX ... 192
Simple Type(s) ... 192
Simple Type tns:Organisation_ID ... 192
Simple Type tns:KommunikationsParterRolle ... 193
Simple Type tns:StatusCode ... 194
Simple Type tns:StatusText ... 195
Complex Type(s) ... 195
Complex Type tns:VX_Message_Type ... 195
Namespace: "http://vdv/ka/ion/2" ... 196
Schema(s) ... 196
Imported schema XML-Schema_ION.xsd ... 196
Element(s) ... 196
Element tns:TXSNAWA ... 196
Element tns:TXSNAWB ... 197
Element tns:TXB ... 197
Element tns:TXA ... 198
Element tns:TXBRequest ... 199
Element tns:TXARequest ... 199
Element tns:TXDEABER ... 200
Element tns:TXSMITA ... 201
Element tns:TXSFREIMITA ... 201
Element tns:TXSANFSYMK ... 202
Element tns:TXSANFASYMK ... 203
Element tns:TXSAANFSYMK ... 203
Element tns:TXSAANFASYMK ... 204
Element tns:TXSFREIMITSYMK ... 205
Element tns:TXSFREIMITASYMK ... 205
Element tns:TXSMITSYMK ... 206
Element tns:TXSMITASYMK ... 207
Simple Type(s) ... 207
Simple Type tns:PrintableString ... 207
Simple Type tns:OrtsTyp_CODE_Type ... 208
Simple Type tns:TransSignatur_Type ... 208
Simple Type tns:SAM_ID_Type ... 209
Simple Type tns:TerminalTyp_CODE_Type ... 209
Simple Type tns:SperrlistenZyklusNummer_Type ... 210
Simple Type tns:Abrechnungsverfahren_CODE_Type ... 210
Simple Type tns:Bezahlart_CODE_Type ... 211
Simple Type tns:CommonServiceResultCode ... 212
Simple Type tns:NmTransaktionsTyp_CODE ... 213
Simple Type tns:AuftragsTyp_CODE ... 215
Simple Type tns:Mitteilung_CODE_Type ... 216
Complex Type(s) ... 216
Complex Type tns:SymSchluessel_ID_Type ... 216
Complex Type tns:Ort_ID_Type ... 217
Complex Type tns:NmApplikationInstanz_ID_Type ... 217
Complex Type tns:Berechtigung_ID_Type ... 218
Complex Type tns:EFMProdukt_ID_Type ... 218
Complex Type tns:Transaktionsdatensatz_Type ... 218
Complex Type tns:TX_BASE_Type ... 219
Complex Type tns:ION_TX_HEADER_Type ... 219
Complex Type tns:IONTransaktion_ID_Type ... 220
Complex Type tns:berNmTransaktionMAC_Type ... 221
Complex Type tns:Terminal_ID_Type ... 222
Complex Type tns:TXSNAWA_Req_Type ... 222
Complex Type tns:appNmTransaktionMAC_Type ... 223
Complex Type tns:TXSNAWB_Req_Type ... 223
Complex Type tns:TX_BER_Type ... 224
Complex Type tns:ASymSchluessel_ID_Type ... 225
Complex Type tns:TX_RET_Type ... 225
Complex Type tns:TX_SMIT_Type ... 225
Complex Type tns:TX_SANF_Type ... 226
Complex Type tns:TXA_Type ... 227
Complex Type tns:TXB_Type ... 227
Complex Type tns:TXAS_Type ... 228
Complex Type tns:TXDEABER_Req_Type ... 229
Complex Type tns:TXSMITA_Type ... 229

Complex Type tns:TXSFREIMITA_Type ... 230
Complex Type tns:TXSANFSYMK_Type ... 230
Complex Type tns:TXSANFASYMK_Type ... 231
Complex Type tns:TXSAANFSYMK_Type ... 232
Complex Type tns:TXSAANFASYMK_Type ... 232
Complex Type tns:TXSFREIMITSYMK_Type ... 233
Complex Type tns:TXSFREIMITASYMK_Type ... 234
Complex Type tns:TXSMITSYMK_Type ... 234
Complex Type tns:TXSMITASYMK_Type ... 235
Namespace: "http://vdv/ka/kvp-dl-pv/2" ... 236
Schema(s) ... 236
Imported schema XML-Schema_KVP_DL_PV_ext-1.3.0.xsd ... 236
Included schema XML-Schema_KVP_DL_PV.xsd ... 236
Element(s) ... 236
Element tns:TXEBER ... 236
Element tns:TXEBER_Type / tns:fahrttransaktion ... 236
Element tns:TXEBER_Type / tns:berNmTransaktionMAC ... 237
Element tns:TXAENBER ... 237
Element tns:TXAENBER_Type / tns:fahrttransaktion ... 238
Element tns:TXAENBER_Type / tns:berNmTransaktionMAC ... 238
Element tns:TXTRANSABBRUCH ... 239
Element tns:AllgemeineTransaktionsdaten ... 239
Element tns:AllgemeineTransaktionsdaten / tns:logApplikationSeqNummer ... 240
Element tns:AllgemeineTransaktionsdaten / tns:logNmTransaktion_ID ... 240
Element tns:NmTransaktion_ID_Type / tns:samSequenznummer ... 241
Element tns:NmTransaktion_ID_Type / tns:SAM_ID.samNummer ... 241
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsOperator_ID ... 241
Element tns:AllgemeineTransaktionsdaten / tns:logTerminal_ID ... 242
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsZeitpunkt ... 242
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsOrt_ID ... 242
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsTyp.code ... 243
Element tns:TXTRANSABBRUCH_Type / tns:MKAH-PV-NM-MAC_ID ... 243
Element tns:TXTRANSABBRUCH_Type / tns:MKAH-PV-Nutzungszaehler ... 243
Element tns:TXTRANSABBRUCH_Type / tns:MKKVP--NM-MAC_ID ... 244
Element tns:TXTRANSABBRUCH_Type / tns:MKKVP-Nutzungszaehler ... 244
Element tns:TXABER ... 245
Element tns:TXABER_Type / tns:tx_ber ... 245
Element tns:TXABER_Type / tns:berechtigungTarifbereich ... 246
Element tns:TXABER_Type / tns:berechtigungTarifbereichZusatz ... 246
Element tns:TXABER_Type / tns:ausgabeTransaktionBerechtigung ... 246
Element tns:TXABER_Type / tns:berNmTransaktionMAC ... 246
Element tns:TXAMBER ... 247
Element tns:TXAMBER_Type / tns:tx_abkey ... 248
Element tns:TX_ABKEY_Type / tns:berAbleitungsdaten ... 248
Element tns:TXRBER ... 248
Element tns:TXRBER_Type / tns:ruecknahmeTransaktionBerechtigung ... 249
Element tns:TXRBER_Type / tns:berNmTransaktionMAC ... 249
Element tns:TXRMBER ... 250
Element tns:TXRMBER_Type / tns:tx_abkey ... 250
Element tns:TXBEKOKVP ... 251
Element tns:TXBEWEBKOKVP_Type / tns:belastungstransaktionBerechtigung ... 251
Element tns:TXBEWEBKOKVP_Type / tns:berNmTransaktionMAC ... 251
Element tns:TXBEWEBKVP ... 252
Element tns:TXLPEB ... 252
Element tns:TXLPEB_Type / tns:einzahlungsbelegBerechtigung ... 253
Element tns:TXLPEB_Type / tns:berNmTransaktionMAC ... 253
Element tns:TXAEBER_1_3_0 ... 254
Element tns:TXAEBER_Type_1_3_0 / tns:tx_ber ... 254
Element tns:TXAEBER_Type_1_3_0 / tns:berechtigungTarifbereichDaten ... 255
Element tns:TXAEBER_Type_1_3_0 / tns:berBerechtigung_ID ... 255
Element tns:TXAEBER_Type_1_3_0 / tns:prodProdukt_ID ... 255
Element tns:Mitnahme_Type / tns:mitnahmeTyp ... 256
Element tns:Mitnahme_Type / tns:mitnahmeAnzahl ... 256
Element tns:Linie_ID_Type / tns:linienNummer ... 257
Element tns:Linie_ID_Type / tns:linieDomaene_ID ... 257
Element tns:LinieVariante_ID_Type / tns:variantenNummer ... 257
Element tns:LinieVariante_ID_Type / tns:linie_ID ... 258
Element tns:Fahrt_ID_Type / tns:fahrtNummer ... 258
Element tns:Fahrt_ID_Type / tns:fahrtBetreiber_ID ... 258
Element tns:EFSViaOrtsListe_Type / tns:efsViaort_ID ... 259
Element tns:TX_PP_Type / tns:ppLeistungsPreis ... 259
Element tns:TX_PP_Type / tns:ppMehrwertsteuer ... 259

Element tns:TX_BERLOG_Type / tns:berLogLinieVariante_ID ... 260
Element tns:TX_BERLOG_Type / tns:berLogFahrt_ID ... 260
Element tns:TX_LOG_Type / tns:logTransaktionsoperator_ID ... 260
Element tns:TX_LOG_Type / tns:logTransaktionsZeitpunkt_ID ... 261
Element tns:TX_LOG_Type / tns:logTransaktionsort_ID ... 261
Element tns:TX_LOG_Type / tns:logTransaktionsTyp_ID ... 261
Element tns:TX_AFBLOG_Type / tns:afbLogFahrgastTyp ... 262
Element tns:TX_AFBLOG_Type / tns:afbLogVerkehrsmittelart ... 263
Element tns:TX_AFBLOG_Type / tns:afbLogServiceKlasse ... 263
Element tns:TX_AFBLOG_Type / tns:afbLogDynamischerRabattParameter ... 263
Element tns:TX_AFBLOG_Type / tns:afbLogMitnahme ... 264
Element tns:TX_AFBLOG_Type / tns:txberlog ... 264
Element tns:TX_AFBLOG_Type / tns:txlog ... 264
Element tns:TX_EFSLOG_Type / tns:efsFahrgastTyp ... 265
Element tns:TX_EFSLOG_Type / tns:efsVerkehrsmittelKategorie ... 265
Element tns:TX_EFSLOG_Type / tns:efsLogServiceKlasse ... 266
Element tns:TX_EFSLOG_Type / tns:efsServiceKlasseExtra ... 266
Element tns:TX_EFSLOG_Type / tns:efsStartort_ID ... 266
Element tns:TX_EFSLOG_Type / tns:efsZielort_ID ... 267
Element tns:TX_EFSLOG_Type / tns:efsViaOrte_IDs ... 267
Element tns:TX_EFSLOG_Type / tns:efsLogMitnahme ... 268
Element tns:TX_EFSLOG_Type / tns:txberlog ... 268
Element tns:TX_EFSLOG_Type / tns:txlog ... 268
Element tns:TXASBER_Type / tns:prodProdukt_ID ... 269
Element tns:TXASBER_Type / tns:berBerechtigung_ID ... 269
Element tns:TXASBER_Type / tns:transSelektionKriterien ... 269
Element tns:TXANLN_Type / tns:prodAbrechnungsVerfahren ... 270
Element tns:TXANLN_Type / tns:berBezahlArt ... 270
Element tns:TXANLN_Type / tns:prodProdukt_ID ... 270
Element tns:TXANLN_Type / tns:berBerechtigung_ID ... 271
Element tns:TXANLN_Type / tns:transSelektionKriterien ... 271
Element tns:TXANLN_Type / tns:txpp ... 271
Element tns:TXANLN_Type / tns:txafblog ... 272
Element tns:TXAUSEFS_Type / tns:prodAbrechnungsVerfahren ... 272
Element tns:TXAUSEFS_Type / tns:berBezahlMittel ... 273
Element tns:TXAUSEFS_Type / tns:berBezahlArt ... 273
Element tns:TXAUSEFS_Type / tns:prodProdukt_ID ... 273
Element tns:TXAUSEFS_Type / tns:berBerechtigung_ID ... 274
Element tns:TXAUSEFS_Type / tns:transSelektionKriterien ... 274
Element tns:TXAUSEFS_Type / tns:txpp ... 274
Element tns:TXAUSEFS_Type / tns:txefslog ... 275
Element tns:TXADM_Type / tns:transMediennummer ... 275
Element tns:TXADM_Type / tns:transappInstanz_ID ... 275
Element tns:TXAEBER_Type / tns:tx_ber ... 276
Element tns:TXAEBER_Type / tns:berechtigungTarifbereich ... 276
Element tns:TXEMBER_Type / tns:tx_abkey ... 276
Element tns:TXASKON_Type / tns:samSAM_ID ... 277
Element tns:TXASKON_Type / tns:samSchluessel_ID ... 277
Element tns:TXASKON_Type / tns:samLoadKeyZaehler ... 278
Element tns:TXASKON_Type / tns:samNutzungsLimitNeu ... 278
Element tns:TXUEBERKON_Type / tns:samSAM_ID ... 278
Element tns:TXUEBERKON_Type / tns:samSchluessel_ID ... 278
Element tns:TXUEBERKON_Type / tns:samLoadKeyZaehler ... 279
Element tns:TXUEBERKON_Type / tns:samNutzungsLimitGen ... 279
Element tns:TXBEKODL_Type / tns:berBerechtigung_ID ... 279
Element tns:TXBEKODL_Type / tns:txpp ... 280
Element tns:TXBEKODL_Type / tns:fahrttransaktion ... 280
Element tns:TXBEKODL_Type / tns:berNmTransaktionMAC ... 280
Element tns:TXGKO_Type / tns:belastungstransaktionBerechtigung ... 281
Element tns:TXGKO_Type / tns:berNmTransaktionMAC ... 281
Element tns:TXGWEB_Type / tns:belastungstransaktionBerechtigung ... 281
Element tns:TXGWEB_Type / tns:berNmTransaktionMAC ... 282
Element tns:TXKNAWA_Type / tns:logTransaktionsOperator_ID ... 282
Element tns:TXKNAWA_Type / tns:logTerminal_ID ... 282
Element tns:TXKNAWA_Type / tns:logTransaktionsZeitpunkt ... 283
Element tns:TXKNAWA_Type / tns:logTransaktionsOrt_ID ... 283
Element tns:TXKNAWA_Type / tns:logValidationCode ... 283
Element tns:TXKNAWA_Type / tns:appInstanz_ID ... 284
Element tns:TXKNAWB_Type / tns:logTransaktionsOperator_ID ... 284
Element tns:TXKNAWB_Type / tns:logTerminal_ID ... 284
Element tns:TXKNAWB_Type / tns:logTransaktionsZeitpunkt ... 285
Element tns:TXKNAWB_Type / tns:logTransaktionsOrt_ID ... 285

Element tns:TXKNAWB_Type / tns:logValidationCode ... 285
Element tns:TXKNAWB_Type / tns:berBerechtigung_ID ... 286
Element tns:TXSANFB_Type / tns:berBerechtigung_ID ... 286
Element tns:TXSANFB_Type / tns:prodProdukt_ID ... 286
Element tns:TXSANFA_Type / tns:appInstanz_ID ... 287
Element tns:TXSMITB_Type / tns:berSperrkandidat ... 287
Element tns:TXSMITO_Type / tns:orgSperrkandidat ... 287
Element tns:TXSMITS_Type / tns:samSperrkandidat ... 288
Element tns:TXSFREIMITB_Type / tns:berSperrkandidat ... 288
Element tns:TXSFREIMITO_Type / tns:orgSperrkandidat ... 288
Element tns:TXSFREIMITS_Type / tns:samSperrkandidat ... 289
Element tns:TXADM ... 289
Element tns:TXAEBER ... 290
Element tns:TXAS ... 290
Element tns:TXASKON ... 291
Element tns:TXUEBERKON ... 291
Element tns:TXBEKODL ... 292
Element tns:TXGKO ... 293
Element tns:TXGWEB ... 293
Element tns:TXSANFB ... 294
Element tns:TXSANFA ... 294
Element tns:TXSAANFB ... 295
Element tns:TXSAANFA ... 296
Element tns:TXSMITB ... 296
Element tns:TXSMITO ... 297
Element tns:TXSMITS ... 298
Element tns:TXSFREIMITB ... 298
Element tns:TXSFREIMITO ... 299
Element tns:TXSFREIMITS ... 300
Element tns:TXAUSEFS ... 300
Element tns:TXASBERAFB ... 301
Element tns:TXASBEREFS ... 302
Element tns:TXANLN ... 303
Element tns:TXKNAWA ... 304
Element tns:TXKNAWB ... 304
Element tns:TXEMBER ... 305
Complex Type(s) ... 306
Complex Type tns:TXEBER_Type ... 306
Complex Type tns:TXAENBER_Type ... 306
Complex Type tns:TXTRANSABBRUCH_Type ... 307
Complex Type tns:NmTransaktion_ID_Type ... 308
Complex Type tns:TXABER_Type ... 308
Complex Type tns:TXAMBER_Type ... 309
Complex Type tns:TX_ABKEY_Type ... 309
Complex Type tns:TXRBER_Type ... 310
Complex Type tns:TXRMBER_Type ... 310
Complex Type tns:TXBEWEBKOKVP_Type ... 311
Complex Type tns:TXLPEB_Type ... 312
Complex Type tns:TXAEBER_Type_1_3_0 ... 312
Complex Type tns:Mitnahme_Type ... 313
Complex Type tns:Linie_ID_Type ... 313
Complex Type tns:LinieVariante_ID_Type ... 313
Complex Type tns:Fahrt_ID_Type ... 314
Complex Type tns:EFSViaOrtsListe_Type ... 314
Complex Type tns:TX_PP_Type ... 315
Complex Type tns:TX_BERLOG_Type ... 315
Complex Type tns:TX_LOG_Type ... 315
Complex Type tns:TX_AFBLOG_Type ... 316
Complex Type tns:TX_EFSLOG_Type ... 316
Complex Type tns:TXASBER_Type ... 317
Complex Type tns:TXANLN_Type ... 318
Complex Type tns:TXAUSEFS_Type ... 319
Complex Type tns:TXADM_Type ... 319
Complex Type tns:TXAEBER_Type ... 320
Complex Type tns:TXEMBER_Type ... 321
Complex Type tns:TXASKON_Type ... 321
Complex Type tns:TXUEBERKON_Type ... 322
Complex Type tns:TXBEKODL_Type ... 323
Complex Type tns:TXGKO_Type ... 323
Complex Type tns:TXGWEB_Type ... 324
Complex Type tns:TXKNAWA_Type ... 324
Complex Type tns:TXKNAWB_Type ... 325

Complex Type tns:TXSANFB_Type ... 326
Complex Type tns:TXSANFA_Type ... 327
Complex Type tns:TXSAANFA_Type ... 327
Complex Type tns:TXSAANFB_Type ... 328
Complex Type tns:TXSMITB_Type ... 328
Complex Type tns:TXSMITO_Type ... 329
Complex Type tns:TXSMITS_Type ... 330
Complex Type tns:TXSFREIMITB_Type ... 330
Complex Type tns:TXSFREIMITO_Type ... 331
Complex Type tns:TXSFREIMITS_Type ... 331
Simple Type(s) ... 332
Simple Type tns:Validation_CODE_Type ... 332
Simple Type tns:Amount65535 ... 333
Simple Type tns:Profil_CODE_Type ... 333
Simple Type tns:SelektionKriterien_Type ... 334
Simple Type tns:Kundentyp_CODE_Type ... 335
Simple Type tns:ServiceKlasse_CODE_Type ... 336
Simple Type tns:ServiceKlasseExtra_CODE_Type ... 337
Simple Type tns:TransportTypeCode_Type ... 338
Simple Type tns:TransportmittelKategorie_CODE_Type ... 339
Simple Type tns:Transportserviceart_CODE_Type ... 339
Namespace: "http://vdv/ka/ah/2" ... 340
Schema(s) ... 340
Imported schema XML-Schema_AH.xsd ... 340
Element(s) ... 340
Element ah:TXAA ... 340
Element ah:TXRA ... 340
Element ah:TXAEA ... 341
Element ah:TXSANFO ... 342
Element ah:TXSANFS ... 342
Element ah:TXSAANFO ... 343
Element ah:TXSAANFS ... 344
Element ah:TXKNAWDM ... 344
Element ah:TXLKAORG ... 345
Element ah:TXLKAORGReq ... 346
Element ah:TXLZVMORG ... 346
Element ah:TXLZVMORGReq ... 347
Complex Type(s) ... 348
Complex Type ah:TXAA_Type ... 348
Complex Type ah:TXRA_Type ... 348
Complex Type ah:TXAEA_Type ... 349
Complex Type ah:TXSANFO_Type ... 349
Complex Type ah:TXSANFS_Type ... 350
Complex Type ah:TXSAANFO_Type ... 351
Complex Type ah:TXSAANFS_Type ... 351
Complex Type ah:TXKNAWDM_Type ... 352
Complex Type ah:TX_LKAORG_Type ... 353
Complex Type ah:TXLKAORG_SL_DATA_Type ... 353
Complex Type ah:TXLKAORG_Req_Type ... 354
Complex Type ah:TX_LZVMORG_Type ... 354
Complex Type ah:TXLZVMORG_SL_DATA_Type ... 355
Complex Type ah:TXLZVMORG_Req_Type ... 356
Namespace: "http://vdv/ka/ah/types/2" ... 356
Schema(s) ... 356
Imported schema XML-Schema_AH_Types.xsd ... 356
Element(s) ... 356
Element tns:Organisation_ID.organisationsNummer ... 356
Complex Type(s) ... 357
Complex Type tns:TX_APP_Type ... 357
Complex Type tns:Kundenroute_Type ... 357
Complex Type tns:OrgIDRolleRoute_Type ... 358
Complex Type tns:Kundenrolle_Type ... 358
Complex Type tns:Organisation_Type ... 358
Simple Type(s) ... 359
Simple Type tns:IP_Format ... 359
Simple Type tns:Port_Format ... 359
Simple Type tns:Email_Type ... 360
Simple Type tns:AHErrorCode ... 360
Namespace: "" ... 363
Element(s) ... 363
Element tns:SymSchluessel_ID_Type / schluesselNummer ... 363
Element tns:SymSchluessel_ID_Type / schluesselVersion ... 364

Element tns:SymSchluessel_ID_Type / schluesselInhaber_ID ... 364
Element tns:Ort_ID_Type / ortTyp ... 364
Element tns:Ort_ID_Type / ortNummer ... 364
Element tns:Ort_ID_Type / ortDomaene_ID ... 365
Element tns:NmApplikationInstanz_ID_Type / NmAppInstanznummer ... 365
Element tns:NmApplikationInstanz_ID_Type / kvp_ID ... 365
Element tns:Berechtigung_ID_Type / berechtigungNummer ... 366
Element tns:Berechtigung_ID_Type / kvp_ID ... 366
Element tns:EFMProdukt_ID_Type / produktNummer ... 366
Element tns:EFMProdukt_ID_Type / organisationID ... 367
Element tns:Transaktionsdatensatz_Type / Transaktionsdaten ... 367
Element tns:TX_BASE_Type / txbase ... 367
Element tns:ION_TX_HEADER_Type / transAuftrag ... 368
Element tns:ION_TX_HEADER_Type / transEmpfaenger_ID ... 369
Element tns:ION_TX_HEADER_Type / transEmpfaengerRolle ... 369
Element tns:ION_TX_HEADER_Type / transStatus ... 369
Element tns:ION_TX_HEADER_Type / transTransaktion_ID ... 370
Element tns:IONTransaktion_ID_Type / transSequenznummer ... 370
Element tns:IONTransaktion_ID_Type / transSenderRolle ... 370
Element tns:IONTransaktion_ID_Type / transSender_ID ... 371
Element tns:ION_TX_HEADER_Type / transTransaktionsTyp ... 371
Element tns:ION_TX_HEADER_Type / transTransaktionsZeitpunkt ... 371
Element tns:ION_TX_HEADER_Type / transVersion ... 372
Element tns:ION_TX_HEADER_Type / transWiederholungsZaehler ... 372
Element tns:ION_TX_HEADER_Type / transSignaturTyp ... 372
Element tns:ION_TX_HEADER_Type / transSignaturZertifikat ... 373
Element tns:ION_TX_HEADER_Type / transSignatur ... 373
Element tns:berNmTransaktionMAC_Type / berMAC_PV ... 373
Element tns:berNmTransaktionMAC_Type / berMAC_KVP ... 373
Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schluessel_ID ... 374
Element tns:berNmTransaktionMAC_Type / berMAC_KVP_Schluessel_ID ... 374
Element tns:Terminal_ID_Type / terminalTyp ... 374
Element tns:Terminal_ID_Type / terminalNummer ... 375
Element tns:Terminal_ID_Type / terminalOwner_ID ... 375
Element tns:TXSNAWA_Req_Type / samSperrkandidat ... 375
Element tns:TXSNAWA_Req_Type / orgSperrkandidat ... 376
Element tns:TXSNAWA_Req_Type / zyklusNummer ... 376
Element tns:TXSNAWA_Req_Type / sperrtransaktionApplikation ... 377
Element tns:TXSNAWA_Req_Type / appNmTransaktionMAC ... 377
Element tns:appNmTransaktionMAC_Type / appMAC_AH ... 377
Element tns:appNmTransaktionMAC_Type / appMAC_KVP ... 378
Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID ... 378
Element tns:appNmTransaktionMAC_Type / appMAC_KVP_Schluessel_ID ... 378
Element tns:TXSNAWB_Req_Type / samSperrkandidat ... 379
Element tns:TXSNAWB_Req_Type / orgSperrkandidat ... 379
Element tns:TXSNAWB_Req_Type / zyklusNummer ... 379
Element tns:TXSNAWB_Req_Type / sperrtransaktionBerechtigung ... 380
Element tns:TXSNAWB_Req_Type / berNmTransaktionMAC ... 380
Element ah:TXAA_Type / nmMedium_ID.nutzermediumNummer ... 380
Element ah:TXAA_Type / tx_app ... 381
Element tns:TX_APP_Type / appInstanz_ID ... 381
Element tns:TX_APP_Type / appGueltigkeitsbeginn ... 381
Element tns:TX_APP_Type / appGueltigkeitsende ... 382
Element tns:TX_APP_Type / appVersion ... 382
Element ah:TXAA_Type / ausgabeTransaktionApplikation ... 382
Element ah:TXAA_Type / appNmTransaktionMAC ... 383
Element tns:TX_BER_Type / berGueltigkeitsbeginn ... 383
Element tns:TX_BER_Type / berGueltigkeitsende ... 383
Element tns:TX_BER_Type / prodAbrechnungsVerfahren ... 383
Element tns:TX_BER_Type / berBezahlArt ... 384
Element tns:TX_BER_Type / berBezahlMittel ... 384
Element ah:TXRA_Type / ruecknahmeTransaktionApplikation ... 384
Element ah:TXRA_Type / appNmTransaktionMAC ... 385
Element ah:TXRA_Type / appVersion ... 385
Element ah:TXAEA_Type / appInstanzId ... 385
Element ah:TXAEA_Type / appGueltigkeitsende ... 386
Element ah:TXAEA_Type / appGueltigkeitsbeginn ... 386
Element ah:TXAEA_Type / appVersion ... 386
Element tns:VX_Message_Type / StatusCode ... 386
Element tns:VX_Message_Type / StatusText ... 387
Element tns:ASymSchluessel_ID_Type / signaturSchluessel ... 387
Element tns:TX_RET_Type / transOrigID ... 388

Element tns:TX_RET_Type / transOrigSignatur 388
Element tns:TX_RET_Type / transOriginalZeit 388
Element tns:TX_SMIT_Type / sperrAnforderungBezug 388
Element tns:TX_SMIT_Type / sperrEntscheidung 389
Element tns:TX_SANF_Type / sperrSperrgrund 389
Element tns:TXA_Type / transAblehnungGrund 389
Element tns:TXAS_Type / transSendeAuftrag 390
Element tns:TXAS_Type / transSendeAuftragstyp 390
Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde 391
Element tns:TXDEABER_Req_Type / prodProdukt_ID 391
Element tns:TXSMITA_Type / appSperrkandidat 391
Element tns:TXSANFSYMK_Type / keySperrkandidatsym 392
Element tns:TXSANFASYMK_Type / keySperrkandidatasym 392
Element tns:TXSFREIMITSYMK_Type / keySperrkandidatsym 392
Element tns:TXSFREIMITASYMK_Type / keySperrkandidatasym 393
Element tns:TXSMITSYMK_Type / keySperrkandidatsym 393
Element tns:TXSMITASYMK_Type / keySperrkandidatasym 393
Element ah:TXSANFS_Type / samSperrkandidat 394
Element ah:TXSANFS_Type / samSequenznummer 394
Element ah:TXKNAWDM_Type / logTransaktionsOperator_ID 394
Element ah:TXKNAWDM_Type / logTerminal_ID 395
Element ah:TXKNAWDM_Type / logTransaktionsZeitpunkt 395
Element ah:TXKNAWDM_Type / logTransaktionsOrt_ID 395
Element ah:TXKNAWDM_Type / transMediennummer 396
Element ah:TX_LKAORG_Type / orgListe 396
Element ah:TXLKAORG_SL_DATA_Type / ErstellungsDatum 396
Element ah:TXLKAORG_SL_DATA_Type / daten 396
Element ah:TX_LZVMORG_Type / orgListe 397
Element ah:TXLZVMORG_SL_DATA_Type / ErstellungsDatum 397
Element ah:TXLZVMORG_SL_DATA_Type / daten 397
Element tns:Kundenroute_Type / bezeichnung 398
Element tns:Kundenroute_Type / kurzBezeichnung 398
Element tns:Kundenroute_Type / email 398
Element tns:Kundenroute_Type / orgIDRolleRoute 398
Element tns:OrgIDRolleRoute_Type / orgID 399
Element tns:OrgIDRolleRoute_Type / rollencode 399
Element tns:OrgIDRolleRoute_Type / serviceUrl 400
Element tns:OrgIDRolleRoute_Type / interfaceVersion 400
Element tns:Kundenrolle_Type / rollencode 400
Element tns:Kundenrolle_Type / ip 401
Element tns:Kundenrolle_Type / port 401
Element tns:Organisation_Type / bezeichnung 401
Element tns:Organisation_Type / kurzbezeichnung 401
Element tns:Organisation_Type / orgId 402
Element tns:Organisation_Type / kommunikationsPartnerRoute 402

Resource hierarchy:

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

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/pe/2"

Schema(s)

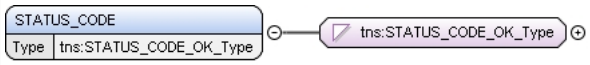
Main schema `XML-Schema_PE.xsd`

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	attribute form default: `unqualified` element form default: `qualified`

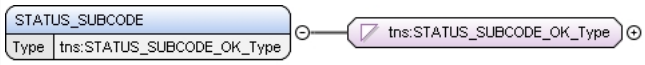
	version:	1.13.0
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element(s)

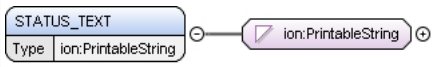
Element tns:STATUS_DATA_OK_Type / tns:STATUS_CODE

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:STATUS_CODE_OK_Type	
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_OK_Type	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
	enumeration	0
Source	<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_OK_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:STATUS_DATA_OK_Type / tns:STATUS_SUBCODE

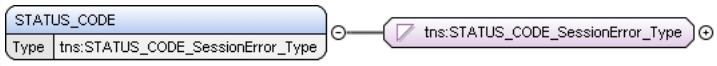
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:STATUS_SUBCODE_OK_Type	
Properties	content:	simple
Facets	length	4
	enumeration	0000 Kein Fehler aufgetreten
	pattern	[0-9][0-9][0-9][0-9]
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_OK_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:STATUS_DATA_OK_Type / tns:STATUS_TEXT

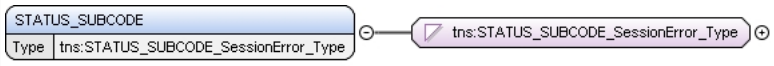
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:PrintableString	
Properties	content:	simple
Facets	pattern	[-þ]*
Source	<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_CODE

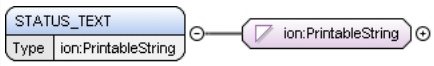
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:STATUS_CODE_SessionError_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_SessionError_Type
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_SUBCODE

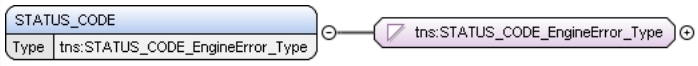
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:STATUS_SUBCODE_SessionError_Type	
Properties	content: simple	
Facets	length 4	
	enumeration 0000	Sonstiges
	enumeration 0001	nicht authentifiziert
	enumeration 0002	Benutzer/Kennwort-Kombination unbekannt
	enumeration 0003	Unbekannte Transaktion
	enumeration 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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:STATUS_DATA_SessionError_Type / tns:STATUS_TEXT

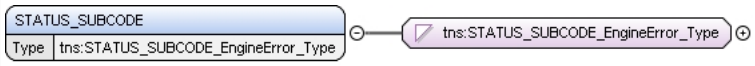
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	`<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_CODE

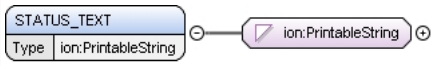
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:STATUS_CODE_EngineError_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_EngineError_Type
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_SUBCODE

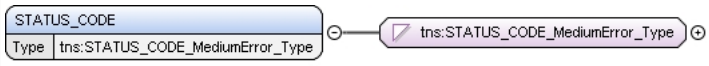
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:STATUS_SUBCODE_EngineError_Type	
Properties	content: simple	
Facets	length 4	
	enumeration 0000	Sonstiges
	enumeration 0001	nicht autorisiert
	enumeration 0002	nicht bereit
	enumeration 0003	Magazinfehler oder nicht bereit
	enumeration 0004	SAM nicht vorhanden 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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:STATUS_DATA_EngineError_Type / tns:STATUS_TEXT

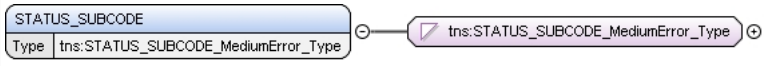
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	`<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_CODE

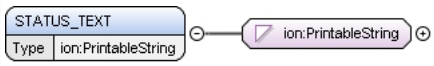
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:STATUS_CODE_MediumError_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_MediumError_Type
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0 enumeration 3
Source	`<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_MediumError_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

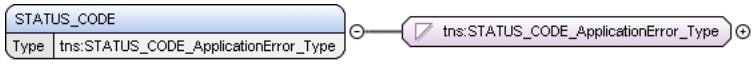
Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_SUBCODE

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:STATUS_DATA_MediumError_Type / tns:STATUS_TEXT

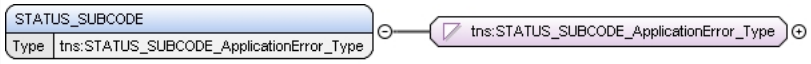
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	`<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_CODE

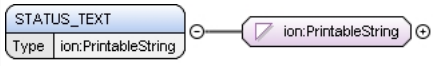
Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:STATUS_CODE_ApplicationError_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_ApplicationError_Type
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0 enumeration 4
Source	<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ApplicationError_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_SUBCODE

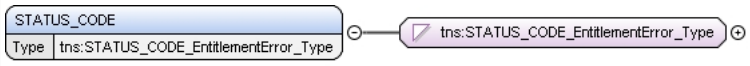
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_SUBCODE_ApplicationError_Type
Properties	content: simple
Facets	length 4 enumeration 0000 Sonstiges enumeration 0001 nicht autorisiert enumeration 0002 Lesen nicht moeglich enumeration 0003 Schreiben nicht moeglich enumeration 0004 PIN/PUC falsch enumeration 0005 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]
Source	<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ApplicationError_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_ApplicationError_Type / tns:STATUS_TEXT

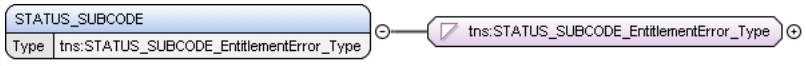
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_CODE

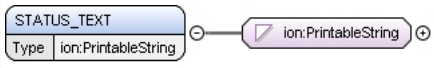
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:STATUS_CODE_EntitlementError_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_EntitlementError_Type
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0 enumeration 5
Source	`<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_EntitlementError_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

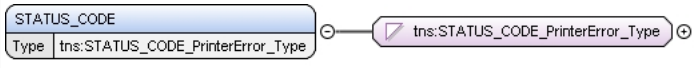
Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_SUBCODE

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 Schluessle 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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:STATUS_DATA_EntitlementError_Type / tns:STATUS_TEXT

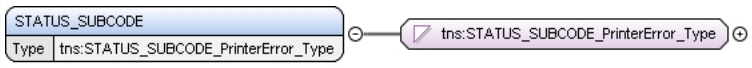
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	`<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_CODE

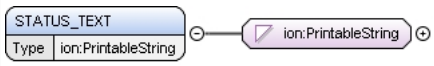
Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:STATUS_CODE_PrinterError_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_PrinterError_Type
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0 enumeration 6
Source	`<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_PrinterError_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

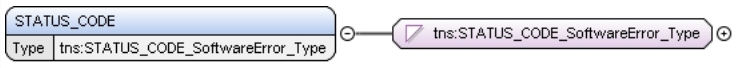
Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_SUBCODE

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_PrinterError_Type / tns:STATUS_TEXT

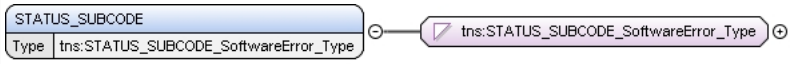
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	`<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_CODE

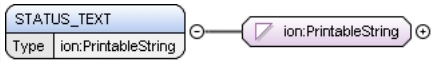
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_CODE_SoftwareError_Type
Type hierarchy	• xs:unsignedInt

	• tns:INT1 • tns:STATUS_CODE_SoftwareError_Type
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:/tmp/KA-Interfaces/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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_SoftwareError_Type / tns:STATUS_TEXT

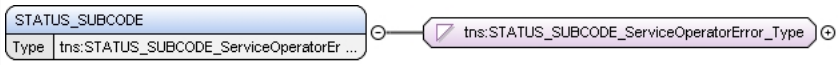
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_CODE

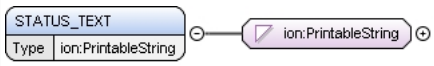
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_CODE_ServiceOperatorError_Type
Type hierarchy	• xs:unsignedInt

	• tns:INT1 • tns:STATUS_CODE_ServiceOperatorError_Type
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0 enumeration 8
Source	`<xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ServiceOperatorError_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

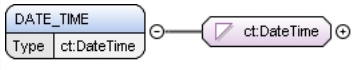
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_SUBCODE

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	`<xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ServiceOperatorError_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_TEXT

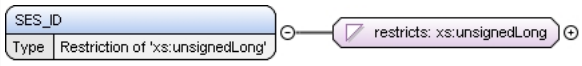
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	`<xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:SESSION_DATA_Type / tns:DATE_TIME

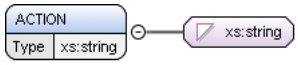
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTime
Properties	content: simple
Source	`<xs:element name="DATE_TIME" type="ct:DateTime"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:SESSION_DATA_Type / tns:SES_ID

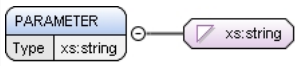
Namespace	http://vdv/ka/pe/2

Diagram	
Type	restriction of xs:unsignedLong
Properties	content: simple
Facets	maxInclusive 999999999999999999 minInclusive 0
Source	<xs:element name="SES_ID"> <xs:simpleType> <xs:restriction base="xs:unsignedLong"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999999999999999"/> </xs:restriction> </xs:simpleType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

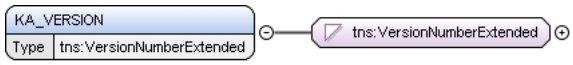
Element tns:SESSION_DATA_Type / tns:ACTION

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<xs:element name="ACTION" type="xs:string" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="PARAMETER" type="xs:string" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:SESSION_DATA_Type / tns:KA_VERSION

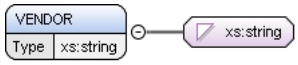
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:VersionNumberExtended

Type hierarchy	• xs:string
	  • tns:BitString16
	  • tns:VersionNumberExtended

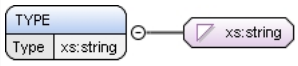
Properties	content: simple
Facets	length 16 pattern [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1]

	[0-1][0-1][0-1][0-1][0-1] [0-1]
Source	<xs:element name="KA_VERSION" type="tns:VersionNumberExtended"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

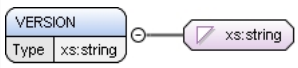
Element tns:ENGINE_DATA_Type / tns:VENDOR

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<xs:element name="VENDOR" type="xs:string" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

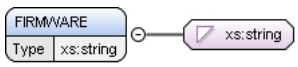
Element tns:ENGINE_DATA_Type / tns:TYPE

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<xs:element name="TYPE" type="xs:string" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

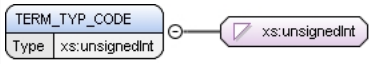
Element tns:ENGINE_DATA_Type / tns:VERSION

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<xs:element name="VERSION" type="xs:string" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

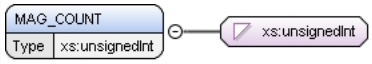
Element tns:ENGINE_DATA_Type / tns:FIRMWARE

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	<xs:element name="FIRMWARE" type="xs:string" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

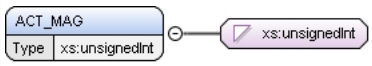
Element tns:ENGINE_DATA_Type / tns:TERM_TYP_CODE

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple
Source	`<xs:element name="TERM_TYP_CODE" type="xs:unsignedInt"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

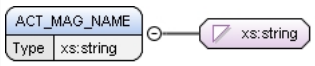
Element tns:ENGINE_DATA_Type / tns:MAG_COUNT

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple
Source	`<xs:element name="MAG_COUNT" type="xs:unsignedInt"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

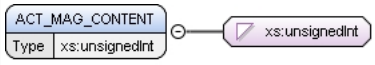
Element tns:ENGINE_DATA_Type / tns:ACT_MAG

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple
Source	`<xs:element name="ACT_MAG" type="xs:unsignedInt"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:ENGINE_DATA_Type / tns:ACT_MAG_NAME

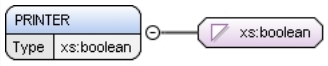
Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:string
Properties	content: simple nillable: true
Source	`<xs:element name="ACT_MAG_NAME" type="xs:string" nillable="true"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:ENGINE_DATA_Type / tns:ACT_MAG_CONTENT

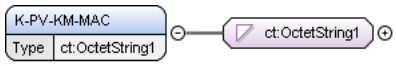
Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple

	nillable: true
Source	<xs:element name="ACT_MAG_CONTENT" type="xs:unsignedInt" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

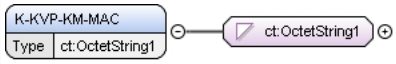
Element tns:ENGINE_DATA_Type / tns:PRINTER

Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:boolean
Properties	content: simple
Source	<xs:element name="PRINTER" type="xs:boolean"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

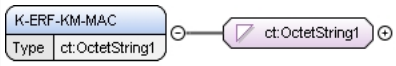
Element tns:Schluesselversionen_Type / tns:K-PV-KM-MAC

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<xs:element name="K-PV-KM-MAC" type="ct:OctetString1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

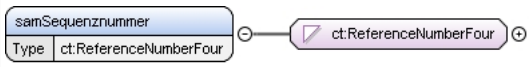
Element tns:Schluesselversionen_Type / tns:K-KVP-KM-MAC

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<xs:element name="K-KVP-KM-MAC" type="ct:OctetString1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

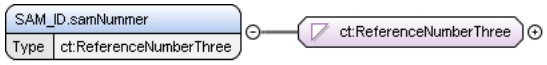
Element tns:Schluesselversionen_Type / tns:K-ERF-KM-MAC

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<xs:element name="K-ERF-KM-MAC" type="ct:OctetString1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

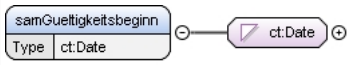
Element tns:SAM_Transaktion_ID_Type / tns:samSequenznummer

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	• xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	`<xs:element name="samSequenznummer" type="ct:ReferenceNumberFour"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

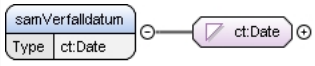
Element tns:SAM_Transaktion_ID_Type / tns:SAM_ID.samNummer

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberThree
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	`<xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:SAM_DATA_Type / tns:samGueltigkeitsbeginn

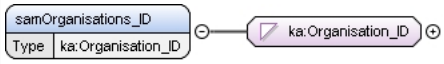
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Date
Properties	content: simple
Source	`<xs:element name="samGueltigkeitsbeginn" type="ct:Date"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:SAM_DATA_Type / tns:samVerfalldatum

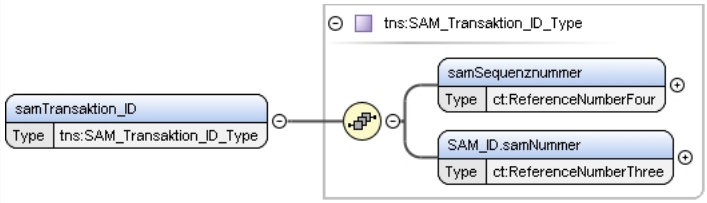
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Date
Properties	content: simple

Source	`<xs:element name="samVerfalldatum" type="ct:Date"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive: 65535 minInclusive: 0
Source	`<xs:element name="samOrganisations_ID" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

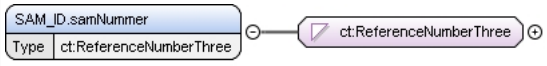
Element `tns:SAM_DATA_Type / tns:samTransaktion_ID`

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	`<tns:samTransaktion_ID xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samSequenznummer>{1,1}</tns:samSequenznummer>`
	`  <tns:SAM_ID.samNummer>{1,1}</tns:SAM_ID.samNummer>`
	`</tns:samTransaktion_ID>`

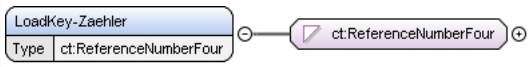
Source	`<xs:element name="samTransaktion_ID" type="tns:SAM_Transaktion_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element `tns:SAM-Schluessel-Info_Type / tns:SAM_ID.samNummer`

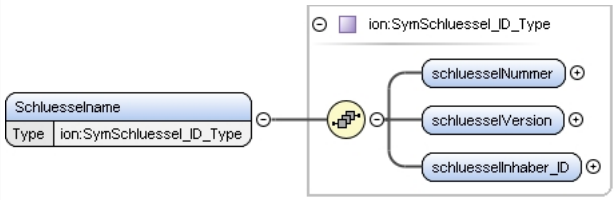
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberThree
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree
Properties	content: simple

Facets	maxInclusive	16777215
	minInclusive	0
Source	<xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

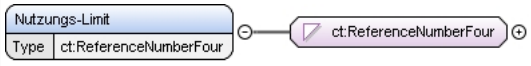
Element tns:SAM-Schluessel-Info_Type / tns:LoadKey-Zaehler

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	• xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="LoadKey-Zaehler" type="ct:ReferenceNumberFour"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:SAM-Schluessel-Info_Type / tns:Schluesselname

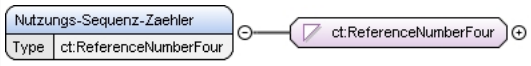
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<tns:Schluesselname xmlns:tns="http://vdv/ka/pe/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:Schluesselname>
Source	<xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Limit

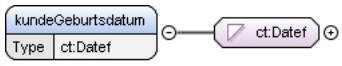
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	• xs:unsignedInt • tns:INT4

	• tns:ReferenceNumberFour
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="Nutzungs-Limit" type="ct:ReferenceNumberFour"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

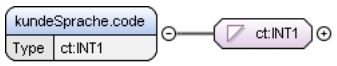
Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Sequenz-Zaehler

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	• xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="Nutzungs-Sequenz-Zaehler" type="ct:ReferenceNumberFour"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

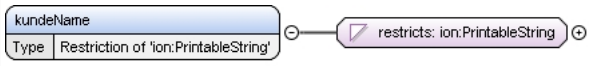
Element tns:NmKundendaten_Type / tns:kundeGeburtsdatum

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

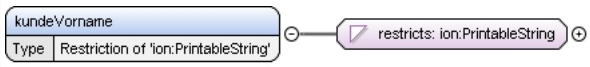
Element tns:NmKundendaten_Type / tns:kundeSprache.code

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

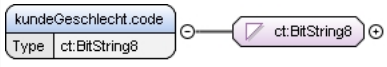
Element tns:NmKundendaten_Type / tns:kundeName

Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of tns:PrintableString
Type hierarchy	• xs:string • tns:PrintableString
Properties	content: simple
Facets	minLength 0 maxLength 40 pattern [-þ]*
Source	<xs:element name="kundeName"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundeVorname

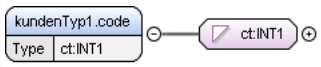
Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of tns:PrintableString
Type hierarchy	• xs:string • tns:PrintableString
Properties	content: simple
Facets	minLength 0 maxLength 40 pattern [-þ]*
Source	<xs:element name="kundeVorname"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:maxLength value="40"/> <xs:minLength value="0"/> </xs:restriction> </xs:simpleType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundeGeschlecht.code

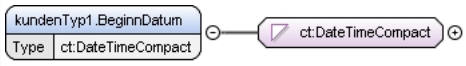
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:BitString8
Properties	content: simple
Facets	length 8 pattern [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]

Source	`<xs:element name="kundeGeschlecht.code" type="ct:BitString8"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

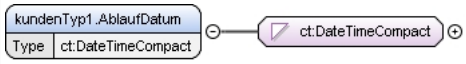
Element tns:NmKundendaten_Type / tns:kundenTyp1.code

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="kundenTyp1.code" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

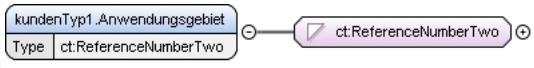
Element tns:NmKundendaten_Type / tns:kundenTyp1.BeginnDatum

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp1.AblaufDatum

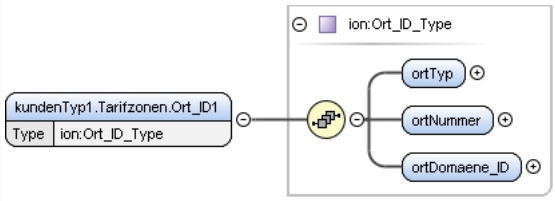
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	`<xs:element name="kundenTyp1.AblaufDatum" type="ct:DateTimeCompact"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp1.Anwendungsgebiet

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt • tns:INT2

	• tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="kundenTyp1.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

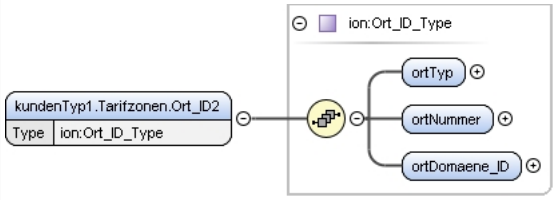
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID1

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	`<tns:kundenTyp1.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2">`
	`  <ortTyp>{1,1}</ortTyp>`
	`  <ortNummer>{1,1}</ortNummer>`
	`  <ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp1.Tarifzonen.Ort_ID1>`

Source	`<xs:element name="kundenTyp1.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID2

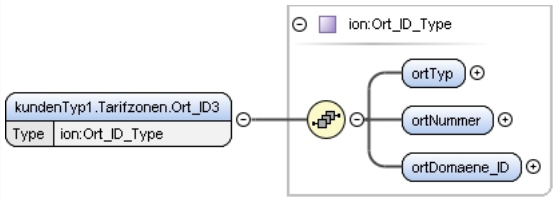
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp

Instance	`<tns:kundenTyp1.Tarifzonen.Ort_ID2 xmlns:tns="http://vdv/ka/pe/2">`
	`  <ortTyp>{1,1}</ortTyp>`
	`  <ortNummer>{1,1}</ortNummer>`
	`  <ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp1.Tarifzonen.Ort_ID2>`

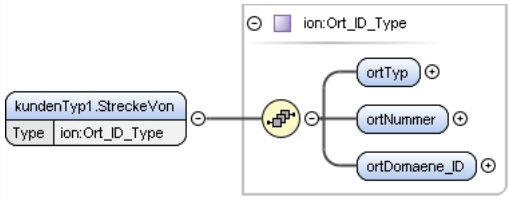
Source	`<xs:element name="kundenTyp1.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID3

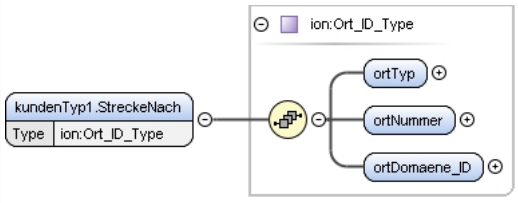
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp1.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:kundenTyp1.Tarifzonen.Ort_ID3>
Source	<xs:element name="kundenTyp1.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp1.StreckeVon

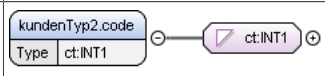
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp1.StreckeVon xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:kundenTyp1.StreckeVon>
Source	<xs:element name="kundenTyp1.StreckeVon" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp1.StreckeNach

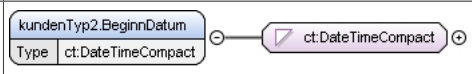
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp1.StreckeNach xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp>

	<ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:kundenTyp1.StreckeNach>
Source	<xs:element name="kundenTyp1.StreckeNach" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

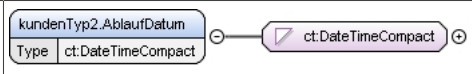
Element tns:NmKundendaten_Type / tns:kundenTyp2.code

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="kundenTyp2.code" type="ct:INT1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

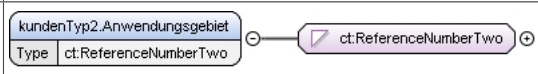
Element tns:NmKundendaten_Type / tns:kundenTyp2.BeginnDatum

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<xs:element name="kundenTyp2.BeginnDatum" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp2.AblaufDatum

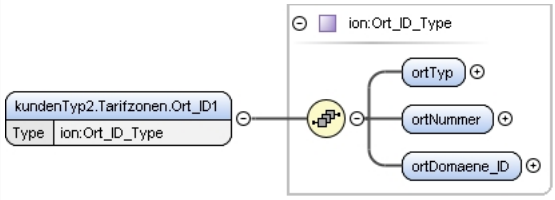
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<xs:element name="kundenTyp2.AblaufDatum" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp2.Anwendungsgebiet

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt

	• tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive: 65535 minInclusive: 0
Source	`<xs:element name="kundenTyp2.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

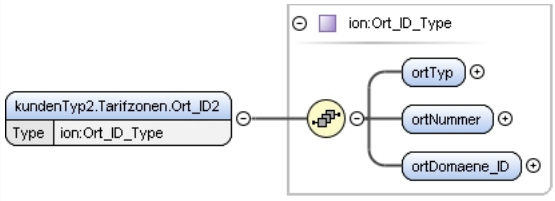
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID1

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

Instance	`<tns:kundenTyp2.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2">`
	`<ortTyp>{1,1}</ortTyp>`
	`<ortNummer>{1,1}</ortNummer>`
	`<ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp2.Tarifzonen.Ort_ID1>`

Source	`<xs:element name="kundenTyp2.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

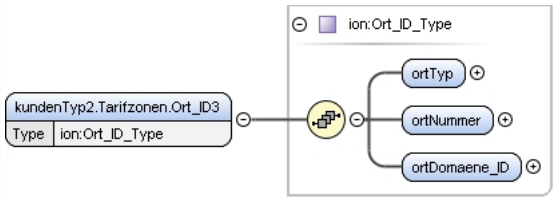
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp

Instance	`<tns:kundenTyp2.Tarifzonen.Ort_ID2 xmlns:tns="http://vdv/ka/pe/2">`
	`<ortTyp>{1,1}</ortTyp>`
	`<ortNummer>{1,1}</ortNummer>`
	`<ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp2.Tarifzonen.Ort_ID2>`

Source	`<xs:element name="kundenTyp2.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

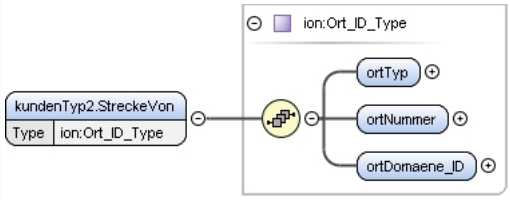
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp

Instance	`<tns:kundenTyp2.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2">`
	`<ortTyp>{1,1}</ortTyp>`
	`<ortNummer>{1,1}</ortNummer>`
	`<ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp2.Tarifzonen.Ort_ID3>`

Source	`<xs:element name="kundenTyp2.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

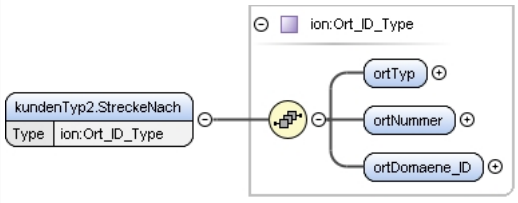
Element tns:NmKundendaten_Type / tns:kundenTyp2.StreckeVon

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	`<tns:kundenTyp2.StreckeVon xmlns:tns="http://vdv/ka/pe/2">`
	`<ortTyp>{1,1}</ortTyp>`
	`<ortNummer>{1,1}</ortNummer>`
	`<ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp2.StreckeVon>`

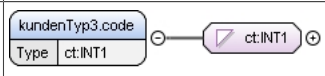
Source	`<xs:element name="kundenTyp2.StreckeVon" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp2.StreckeNach

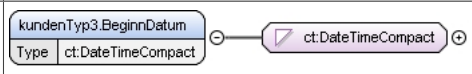
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	`<tns:kundenTyp2.StreckeNach xmlns:tns="http://vdv/ka/pe/2">` `<ortTyp>{1,1}</ortTyp>`

	<ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:kundenTyp2.StreckeNach>
Source	<xs:element name="kundenTyp2.StreckeNach" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

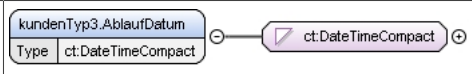
Element tns:NmKundendaten_Type / tns:kundenTyp3.code

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="kundenTyp3.code" type="ct:INT1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

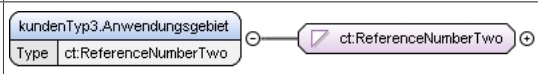
Element tns:NmKundendaten_Type / tns:kundenTyp3.BeginnDatum

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	<xs:element name="kundenTyp3.BeginnDatum" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp3.AblaufDatum

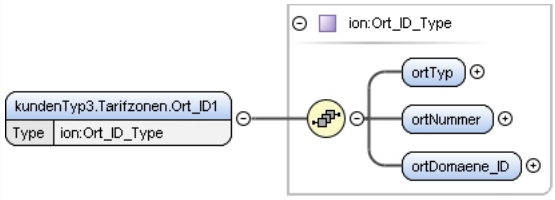
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<xs:element name="kundenTyp3.AblaufDatum" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp3.Anwendungsgebiet

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt

	• tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="kundenTyp3.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

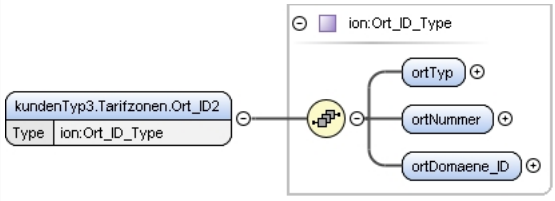
Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID1

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	`<tns:kundenTyp3.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2">`
	`  <ortTyp>{1,1}</ortTyp>`
	`  <ortNummer>{1,1}</ortNummer>`
	`  <ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp3.Tarifzonen.Ort_ID1>`

Source	`<xs:element name="kundenTyp3.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

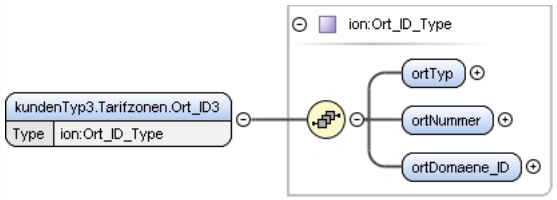
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp

Instance	`<tns:kundenTyp3.Tarifzonen.Ort_ID2 xmlns:tns="http://vdv/ka/pe/2">`
	`  <ortTyp>{1,1}</ortTyp>`
	`  <ortNummer>{1,1}</ortNummer>`
	`  <ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp3.Tarifzonen.Ort_ID2>`

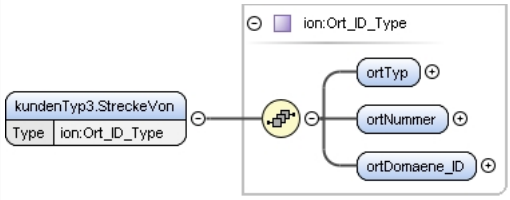
Source	`<xs:element name="kundenTyp3.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp3.Tarifzonen.Ort_ID3

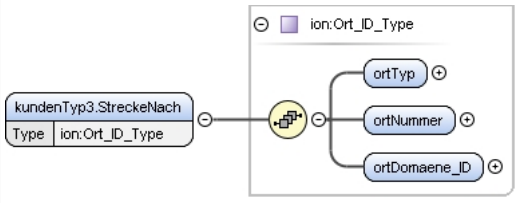
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp3.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:kundenTyp3.Tarifzonen.Ort_ID3>
Source	<xs:element name="kundenTyp3.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp3.StreckeVon

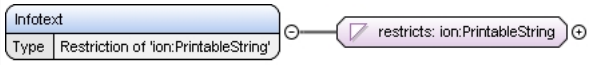
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp3.StreckeVon xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:kundenTyp3.StreckeVon>
Source	<xs:element name="kundenTyp3.StreckeVon" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp3.StreckeNach

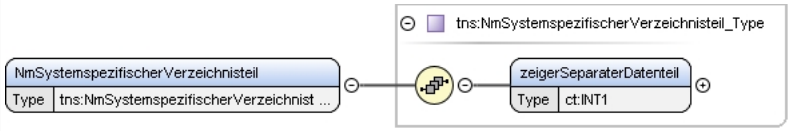
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp3.StreckeNach xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp>

	<ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:kundenTyp3.StreckeNach>
Source	<xs:element name="kundenTyp3.StreckeNach" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

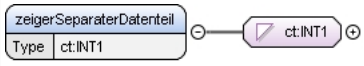
Element tns:NmKundendaten_Type / tns:Infotext

Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of tns:PrintableString
Type hierarchy	• xs:string • tns:PrintableString
Properties	content: simple
Facets	length 40 pattern [-þ]*
Source	<xs:element name="Infotext"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:length value="40" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragAppDaten_Type / tns:NmSystemspezifischerVerzeichnisteil

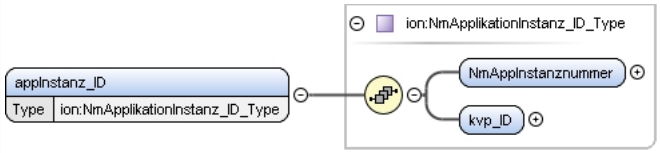
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type
Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"> <tns:zeigerSeparaterDatenteil>{1,1}</tns:zeigerSeparaterDatenteil> </tns:NmSystemspezifischerVerzeichnisteil>
Source	<xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmSystemspezifischerVerzeichnisteil_Type / tns:zeigerSeparaterDatenteil

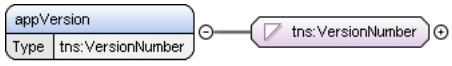
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple

Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="zeigerSeparaterDatenteil" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

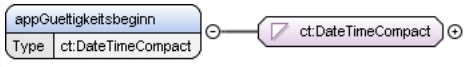
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appInstanz_ID

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<tns:appInstanz_ID xmlns:tns="http://vdv/ka/pe/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:appInstanz_ID>
Source	<xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragAppDaten_Type / tns:appVersion

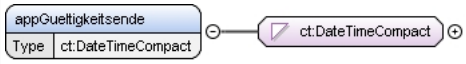
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:VersionNumber	
Type hierarchy	• xs:string • tns:BitString8 • tns:VersionNumber	
Properties	content: simple	
Facets	length	8
	pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]
Source	<xs:element name="appVersion" type="tns:VersionNumber"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:NmVerzeichniseintragAppDaten_Type / tns:appGueltigkeitsbeginn

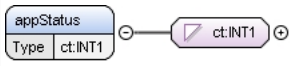
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:DateTimeCompact	
Properties	content: simple	
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00

Source	`<xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

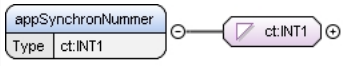
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appGueltigkeitsende

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

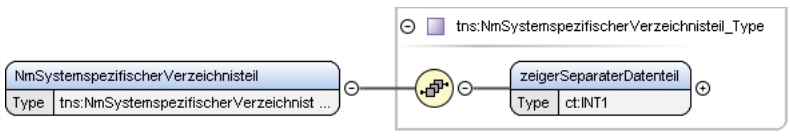
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appStatus

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragAppDaten_Type / tns:appSynchronNummer

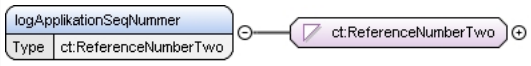
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="appSynchronNummer" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragApplikationslogbuch_Type / tns:NmSystemspezifischerVerzeichnisteil

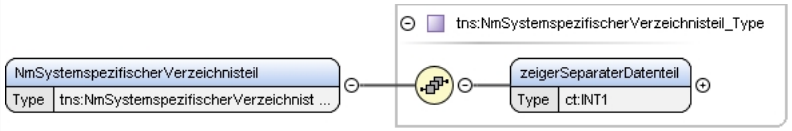
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type

Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"> <tns:zeigerSeparaterDatenteil>{1,1}</tns:zeigerSeparaterDatenteil> </tns:NmSystemspezifischerVerzeichnisteil>
Source	<xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

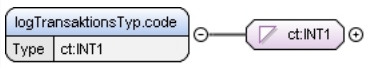
Element tns:NmVerzeichniseintragApplikationslogbuch_Type / tns:logApplikationSeqNummer

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="logApplikationSeqNummer" type="ct:ReferenceNumberTwo"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragKunde_Type / tns:NmSystemspezifischerVerzeichnisteil

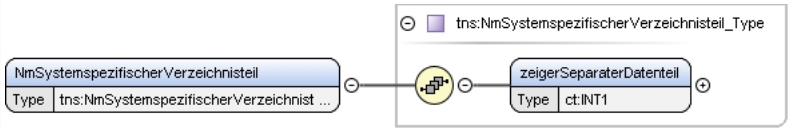
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type
Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"> <tns:zeigerSeparaterDatenteil>{1,1}</tns:zeigerSeparaterDatenteil> </tns:NmSystemspezifischerVerzeichnisteil>
Source	<xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	maxInclusive 255 minInclusive 0
Source	`<xs:element name="logTransaktionsTyp.code" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

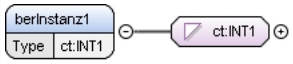
Element tns:NmVerzeichniseintragLetzteTransaktion_Type / tns:NmSystemspezifischerVerzeichnisteil

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type
Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil

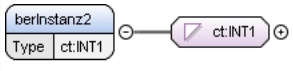
Instance	`<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:zeigerSeparaterDatenteil>{1,1}</tns:zeigerSeparaterDatenteil>`
	`</tns:NmSystemspezifischerVerzeichnisteil>`

Source	`<xs:element name="NmSystemspezifischerVerzeichnisteil"` `  type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz1

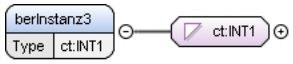
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="berInstanz1" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz2

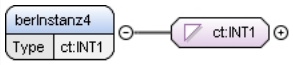
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="berInstanz2" type="ct:INT1"/>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

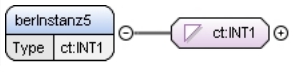
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz3

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="berInstanz3" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

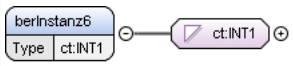
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz4

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="berInstanz4" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz5

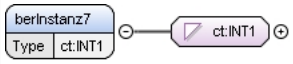
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="berInstanz5" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz6

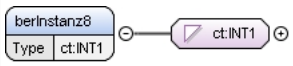
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255

	minInclusive	0
Source	<xs:element name="berInstanz6" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

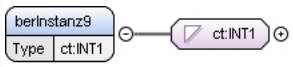
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz7

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

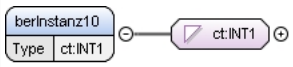
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz8

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz9

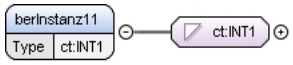
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz9" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz10

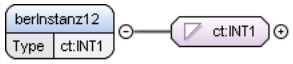
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple

Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz10" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

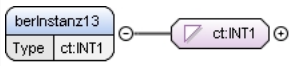
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz11

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

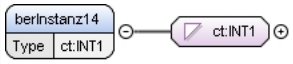
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz12

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz13

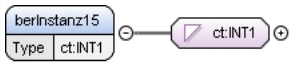
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="berInstanz13" type="ct:INT1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz14

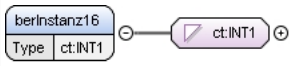
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1

Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz14" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

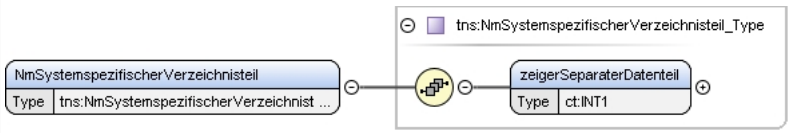
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz15

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz15" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

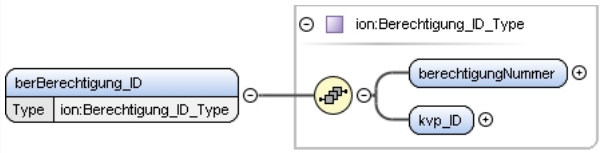
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz16

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz16" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

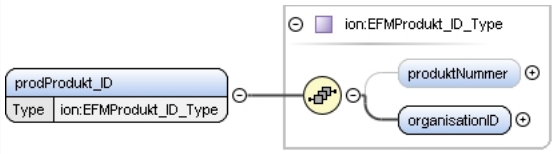
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:NmSystemspezifischerVerzeichnisteil

Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:NmSystemspezifischerVerzeichnisteil_Type	
Properties	content:	complex
Model	tns:zeigerSeparaterDatenteil	
Children	tns:zeigerSeparaterDatenteil	
Instance	<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"> <tns:zeigerSeparaterDatenteil>{1,1}</tns:zeigerSeparaterDatenteil> </tns:NmSystemspezifischerVerzeichnisteil>	
Source	<xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

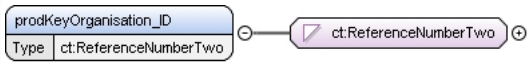
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berBerechtigung_ID

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/pe/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID>
Source	<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:prodProdukt_ID

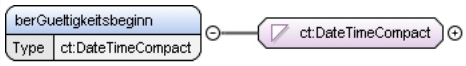
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<tns:prodProdukt_ID xmlns:tns="http://vdv/ka/pe/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID>
Source	<xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:prodKeyOrganisation_ID

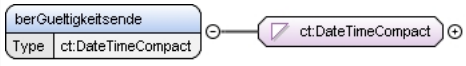
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="prodKeyOrganisation_ID" type="ct:ReferenceNumberTwo"/>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

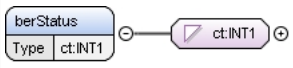
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berGueltigkeitsbeginn

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

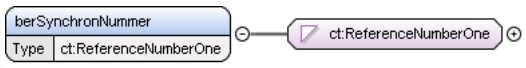
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berGueltigkeitsende

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berStatus

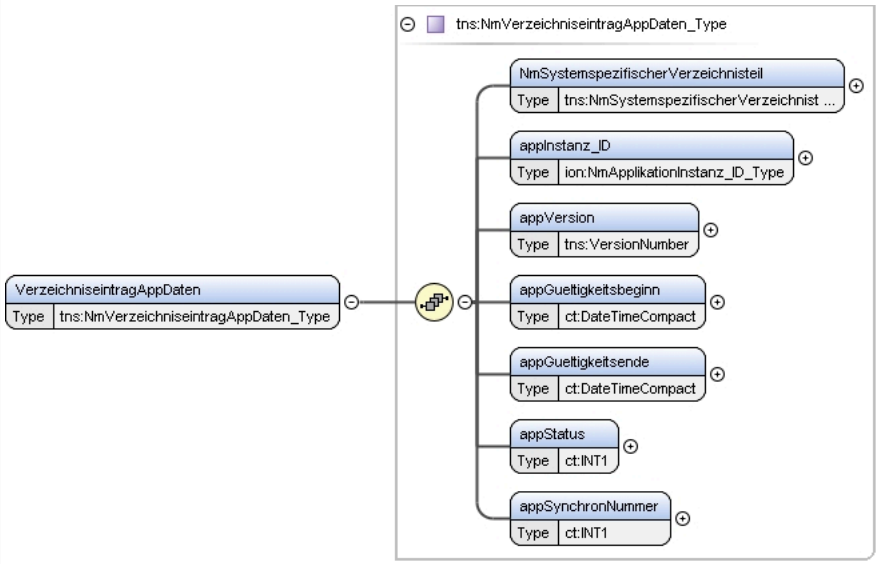
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="berStatus" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berSynchronNummer

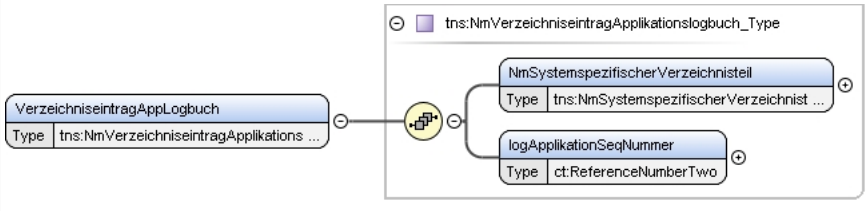
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberOne
Type hierarchy	• xs:unsignedInt • tns:INT1

	• tns:ReferenceNumberOne
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragAppDaten

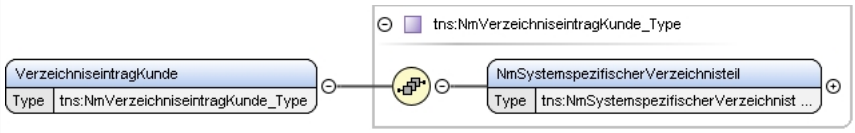
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragAppDaten_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:appInstanz_ID , tns:appVersion , tns:appGueltigkeitsbeginn , tns:appGueltigkeitsende , tns:appStatus , tns:appSynchronNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:appGueltigkeitsbeginn, tns:appGueltigkeitsende, tns:appInstanz_ID, tns:appStatus, tns:appSynchronNummer, tns:appVersion
Instance	<tns:VerzeichniseintragAppDaten xmlns:tns="http://vdv/ka/pe/2"> <tns:NmSystemspezifischerVerzeichnisteil>{1,1}</tns:NmSystemspezifischerVerzeichnisteil> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:appVersion>{1,1}</tns:appVersion> <tns:appGueltigkeitsbeginn>{1,1}</tns:appGueltigkeitsbeginn> <tns:appGueltigkeitsende>{1,1}</tns:appGueltigkeitsende> <tns:appStatus>{1,1}</tns:appStatus> <tns:appSynchronNummer>{1,1}</tns:appSynchronNummer> </tns:VerzeichniseintragAppDaten>
Source	<xs:element name="VerzeichniseintragAppDaten" type="tns:NmVerzeichniseintragAppDaten_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragAppLogbuch

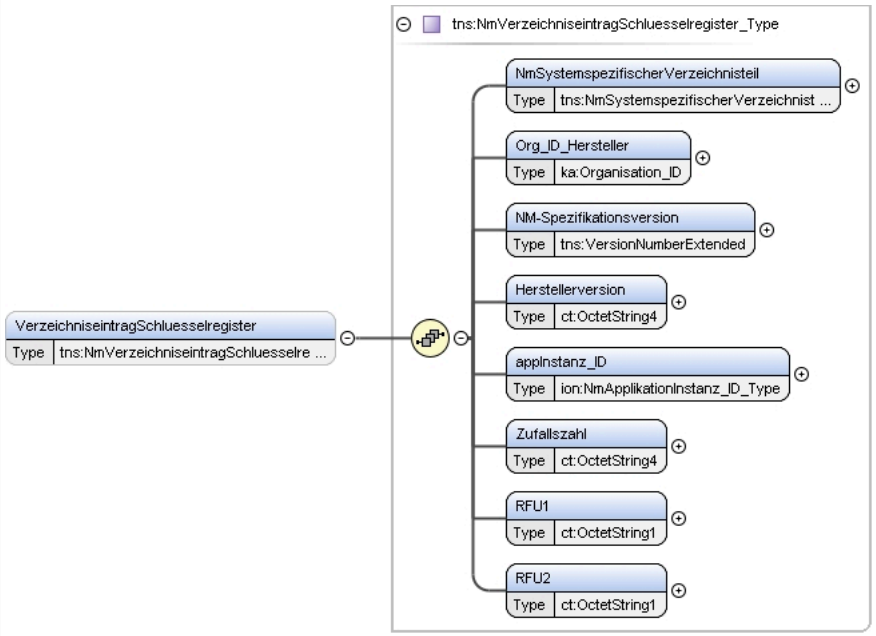
Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:NmVerzeichniseintragApplikationslogbuch_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:logApplikationSeqNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logApplikationSeqNummer
Instance	<tns:VerzeichniseintragAppLogbuch xmlns:tns="http://vdv/ka/pe/2"> <tns:NmSystemspezifischerVerzeichnisteil>{1,1}</tns:NmSystemspezifischerVerzeichnisteil> <tns:logApplikationSeqNummer>{1,1}</tns:logApplikationSeqNummer> </tns:VerzeichniseintragAppLogbuch>
Source	<xs:element name="VerzeichniseintragAppLogbuch" type="tns:NmVerzeichniseintragApplikationslogbuch_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragKunde

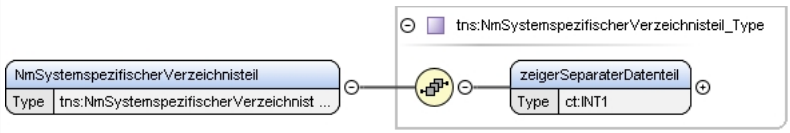
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragKunde_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil
Instance	<tns:VerzeichniseintragKunde xmlns:tns="http://vdv/ka/pe/2"> <tns:NmSystemspezifischerVerzeichnisteil>{1,1}</tns:NmSystemspezifischerVerzeichnisteil> </tns:VerzeichniseintragKunde>
Source	<xs:element name="VerzeichniseintragKunde" type="tns:NmVerzeichniseintragKunde_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragSchluessel-register

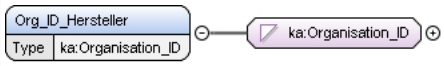
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragSchluesselregister_Type
Properties	content: complex

	minOccurs: 0
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:Org_ID_Hersteller , tns:NM-Spezifikationsversion , tns:Herstellerversion , tns: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
Instance	<tns:VerzeichniseintragSchluesselregister xmlns:tns="http://vdv/ka/pe/2"> <tns:NmSystemspezifischerVerzeichnisteil>{1,1}</tns:NmSystemspezifischerVerzeichnisteil> <tns:Org_ID_Hersteller>{1,1}</tns:Org_ID_Hersteller> <tns:NM-Spezifikationsversion>{1,1}</tns:NM-Spezifikationsversion> <tns:Herstellerversion>{1,1}</tns:Herstellerversion> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:Zufallszahl>{1,1}</tns:Zufallszahl> <tns:RFU1>{1,1}</tns:RFU1> <tns:RFU2>{1,1}</tns:RFU2> </tns:VerzeichniseintragSchluesselregister>
Source	<xs:element name="VerzeichniseintragSchluesselregister" type="tns:NmVerzeichniseintragSchluesselregister_Type" minOccurs="0"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"> <tns:zeigerSeparaterDatenteil>{1,1}</tns:zeigerSeparaterDatenteil> </tns:NmSystemspezifischerVerzeichnisteil>
Source	<xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

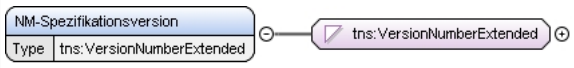
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Org_ID_Hersteller

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

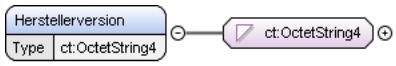
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo
	  • tns:Organisation_ID

Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="Org_ID_Hersteller" type="ka:Organisation_ID"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

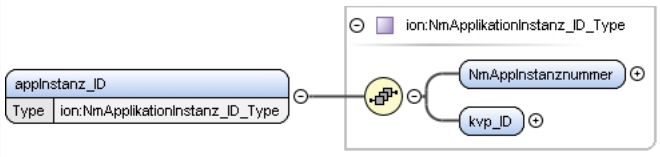
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:NM-Spezifikationsversion

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:VersionNumberExtended
Type hierarchy	• xs:string • tns:BitString16 • tns:VersionNumberExtended
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] [0-1]
Source	`<xs:element name="NM-Spezifikationsversion" type="tns:VersionNumberExtended"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="Herstellerversion" type="ct:OctetString4"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:appInstanz_ID

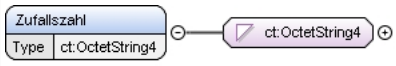
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID

Instance	`<tns:appInstanz_ID xmlns:tns="http://vdv/ka/pe/2">`
	`  <NmAppInstanznummer>{1,1}</NmAppInstanznummer>`
	`  <kvp_ID>{1,1}</kvp_ID>`
	`</tns:appInstanz_ID>`

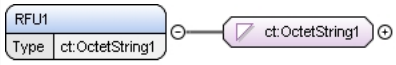
Source	`<xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Zufallszahl

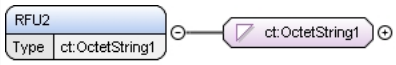
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:OctetString4
Properties	content: simple
Facets	length 4
Source	`<xs:element name="Zufallszahl" type="ct:OctetString4"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

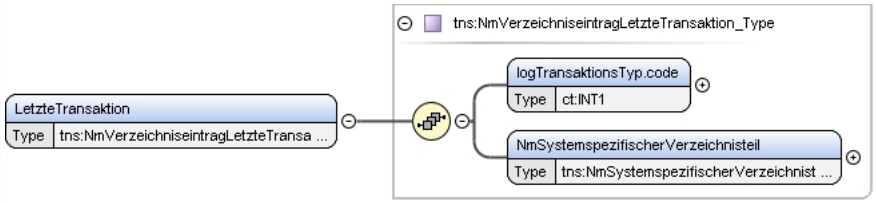
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:RFU1

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	`<xs:element name="RFU1" type="ct:OctetString1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="RFU2" type="ct:OctetString1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

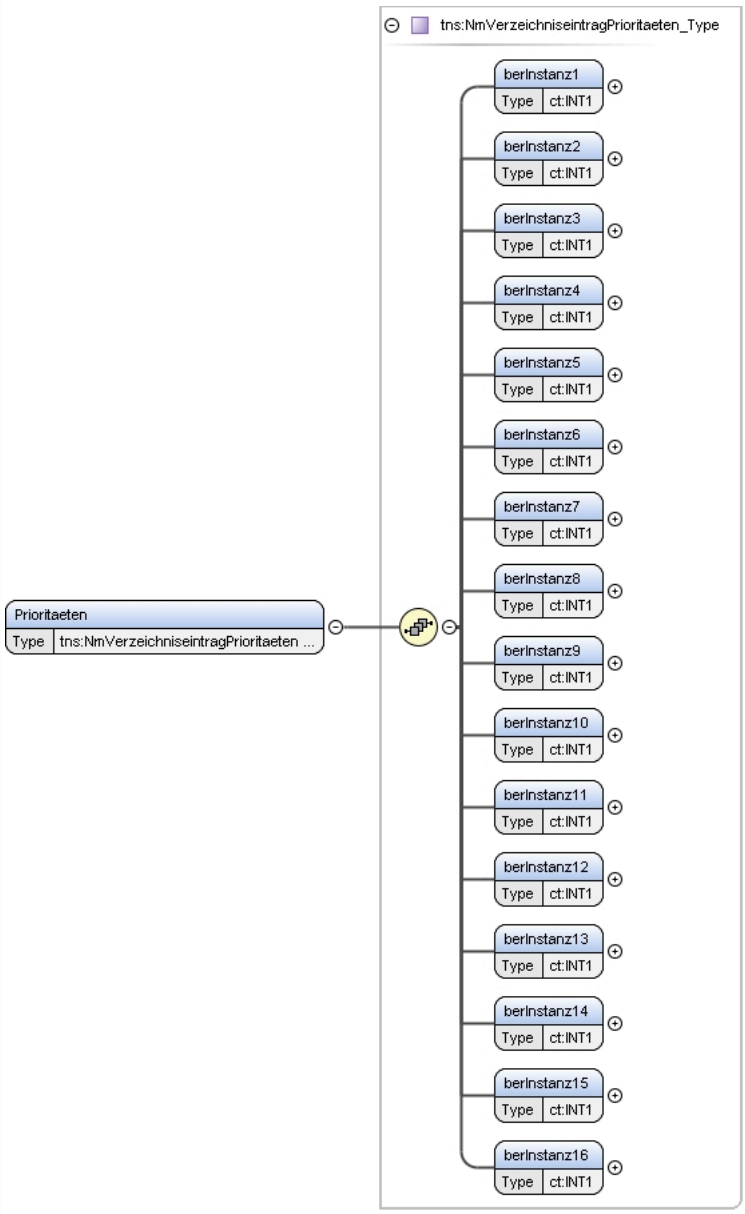
Element tns:NmApplikationsverzeichnis_Type / tns:LetzteTransaktion

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	`<tns:LetzteTransaktion xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:logTransaktionsTyp.code>{1,1}</tns:logTransaktionsTyp.code>`
	`  <tns:NmSystemspezifischerVerzeichnisteil>{1,1}</tns:NmSystemspezifischerVerzeichnisteil>`
	`</tns:LetzteTransaktion>`

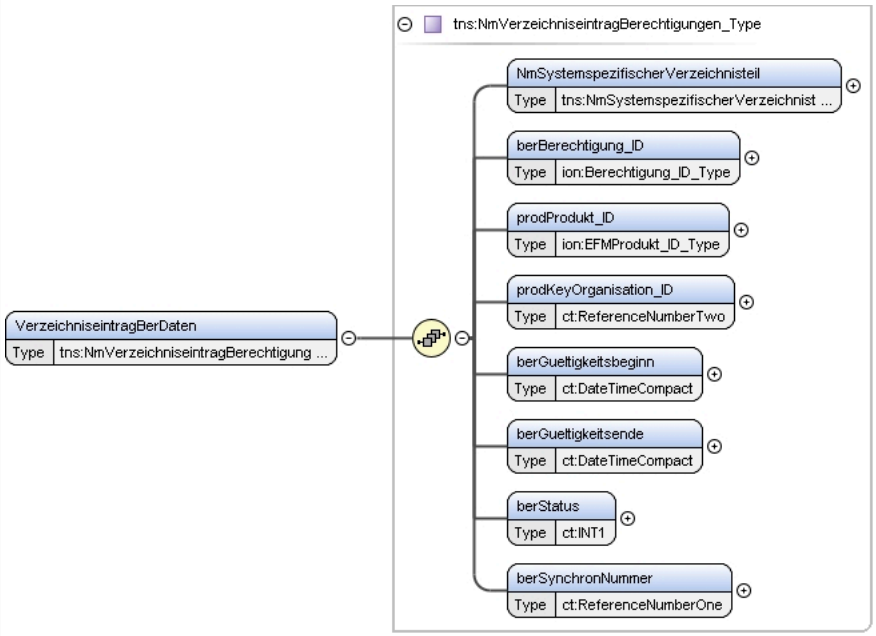
Source	`<xs:element name="LetzteTransaktion" type="tns:NmVerzeichniseintragLetzteTransaktion_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsverzeichnis_Type / tns:Prioritaeten

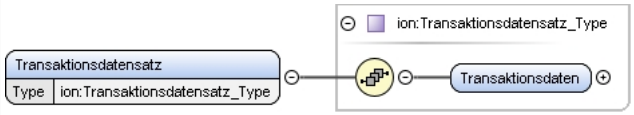
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragPrioritaeten_Type
Properties	content: complex
Model	tns:berInstanz1 , tns:berInstanz2 , tns:berInstanz3 , tns:berInstanz4 , tns:berInstanz5 , tns:berInstanz6 , tns:berInstanz7 , tns:berInstanz8 , tns:berInstanz9 , tns:berInstanz10 , tns:berInstanz11 , 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	<tns:Prioritaeten xmlns:tns="http://vdv/ka/pe/2"> <tns:berInstanz1>{1,1}</tns:berInstanz1> <tns:berInstanz2>{1,1}</tns:berInstanz2> <tns:berInstanz3>{1,1}</tns:berInstanz3> <tns:berInstanz4>{1,1}</tns:berInstanz4> <tns:berInstanz5>{1,1}</tns:berInstanz5> <tns:berInstanz6>{1,1}</tns:berInstanz6> <tns:berInstanz7>{1,1}</tns:berInstanz7> <tns:berInstanz8>{1,1}</tns:berInstanz8> <tns:berInstanz9>{1,1}</tns:berInstanz9> <tns:berInstanz10>{1,1}</tns:berInstanz10> <tns:berInstanz11>{1,1}</tns:berInstanz11>

	<tns:berInstanz12>{1,1}</tns:berInstanz12> <tns:berInstanz13>{1,1}</tns:berInstanz13> <tns:berInstanz14>{1,1}</tns:berInstanz14> <tns:berInstanz15>{1,1}</tns:berInstanz15> <tns:berInstanz16>{1,1}</tns:berInstanz16> </tns:Prioritaeten>
Source	<xs:element name="Prioritaeten" type="tns:NmVerzeichniseintragPrioritaeten_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragBerDaten

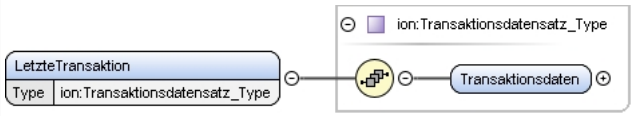
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragBerechtigungen_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berGueltigkeitsbeginn , tns:berGueltigkeitsende , tns:berStatus , tns:berSynchronNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:berBerechtigung_ID, tns:berGueltigkeitsbeginn, tns:berGueltigkeitsende, tns:berStatus, tns:berSynchronNummer, tns:prodKeyOrganisation_ID, tns:prodProdukt_ID
Instance	<tns:VerzeichniseintragBerDaten xmlns:tns="http://vdv/ka/pe/2"> <tns:NmSystemspezifischerVerzeichnisteil>{1,1}</tns:NmSystemspezifischerVerzeichnisteil> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:prodKeyOrganisation_ID>{1,1}</tns:prodKeyOrganisation_ID> <tns:berGueltigkeitsbeginn>{1,1}</tns:berGueltigkeitsbeginn> <tns:berGueltigkeitsende>{1,1}</tns:berGueltigkeitsende> <tns:berStatus>{1,1}</tns:berStatus> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:VerzeichniseintragBerDaten>
Source	<xs:element name="VerzeichniseintragBerDaten" type="tns:NmVerzeichniseintragBerechtigungen_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationslogbuch_Type / tns:Transaktionsdatensatz

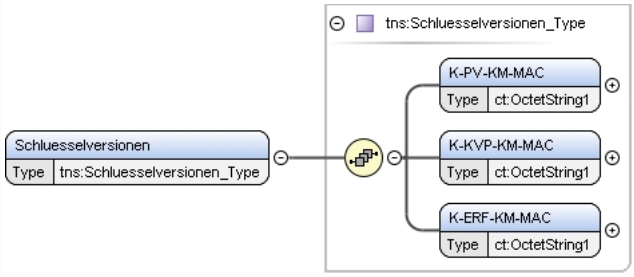
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Transaktionsdatensatz_Type

Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:Transaktionsdatensatz xmlns:tns="http://vdv/ka/pe/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:Transaktionsdatensatz>
Source	<xs:element name="Transaktionsdatensatz" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsdaten_Type / tns:LetzteTransaktion

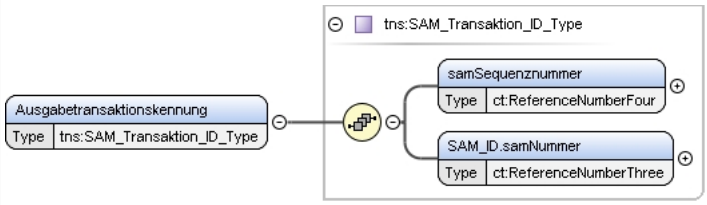
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:LetzteTransaktion xmlns:tns="http://vdv/ka/pe/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:LetzteTransaktion>
Source	<xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsdaten_Type / tns:Schluesselversionen

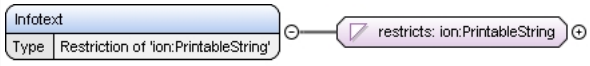
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Schluesselversionen_Type
Properties	content: complex
Model	tns:K-PV-KM-MAC , tns:K-KVP-KM-MAC , tns:K-ERF-KM-MAC
Children	tns:K-ERF-KM-MAC, tns:K-KVP-KM-MAC, tns:K-PV-KM-MAC
Instance	<tns:Schluesselversionen xmlns:tns="http://vdv/ka/pe/2"> <tns:K-PV-KM-MAC>{1,1}</tns:K-PV-KM-MAC> <tns:K-KVP-KM-MAC>{1,1}</tns:K-KVP-KM-MAC> <tns:K-ERF-KM-MAC>{1,1}</tns:K-ERF-KM-MAC> </tns:Schluesselversionen>
Source	<xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsdaten_Type / tns:Ausgabetransaktionskennung

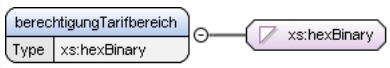
Namespace	http://vdv/ka/pe/2

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	<tns:Ausgabetransaktionskennung xmlns:tns="http://vdv/ka/pe/2"> <tns:samSequenznummer>{1,1}</tns:samSequenznummer> <tns:SAM_ID.samNummer>{1,1}</tns:SAM_ID.samNummer> </tns:Ausgabetransaktionskennung>
Source	<xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

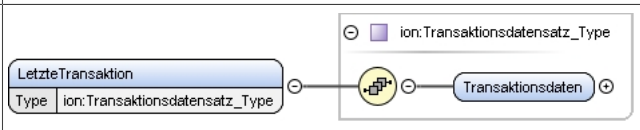
Element tns:NmApplikationsdaten_Type / tns:Infotext

Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of tns:PrintableString
Type hierarchy	• xs:string • tns:PrintableString
Properties	content: simple
Facets	length 40 pattern [-þ]*
Source	<xs:element name="Infotext"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:length value="40" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmBerechtigungsdaten_Type / tns:berechtigungTarifbereich

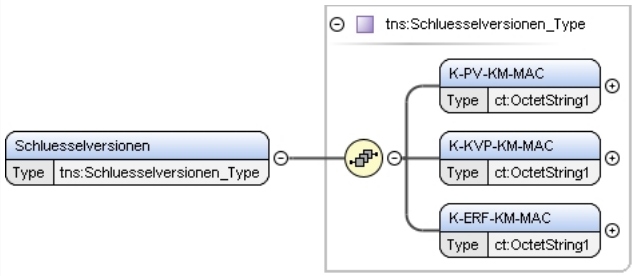
Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmBerechtigungsdaten_Type / tns:LetzteTransaktion

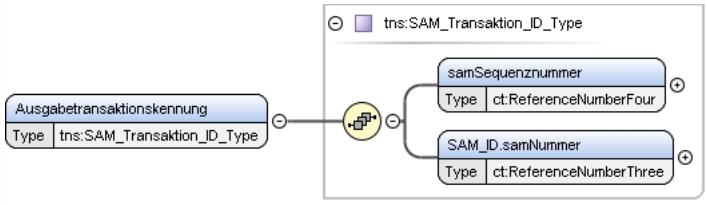
Namespace	http://vdv/ka/pe/2
Diagram	

Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:LetzteTransaktion xmlns:tns="http://vdv/ka/pe/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:LetzteTransaktion>
Source	<xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

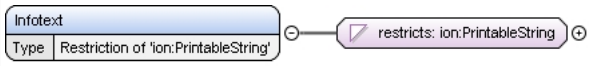
Element tns:NmBerechtigungsdaten_Type / tns:Schluesselversionen

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	<tns:Schluesselversionen xmlns:tns="http://vdv/ka/pe/2"> <tns:K-PV-KM-MAC>{1,1}</tns:K-PV-KM-MAC> <tns:K-KVP-KM-MAC>{1,1}</tns:K-KVP-KM-MAC> <tns:K-ERF-KM-MAC>{1,1}</tns:K-ERF-KM-MAC> </tns:Schluesselversionen>
Source	<xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

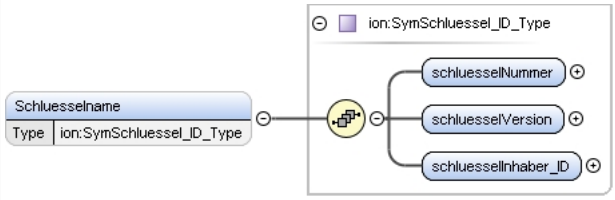
Element tns:NmBerechtigungsdaten_Type / tns:Ausgabetransaktionskennung

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	<tns:Ausgabetransaktionskennung xmlns:tns="http://vdv/ka/pe/2"> <tns:samSequenznummer>{1,1}</tns:samSequenznummer> <tns:SAM_ID.samNummer>{1,1}</tns:SAM_ID.samNummer> </tns:Ausgabetransaktionskennung>
Source	<xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmBerechtigungsdaten_Type / tns:Infotext

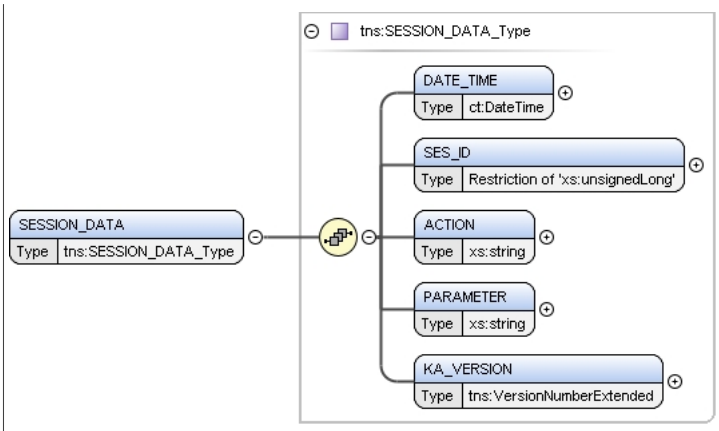
Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of tns:PrintableString
Type hierarchy	• xs:string • tns:PrintableString
Properties	content: simple
Facets	minLength 0 maxLength 40 pattern [-þ]*
Source	<xs:element name="Infotext"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:Schluesselname xmlns:tns="http://vdv/ka/pe/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:Schluesselname>
Source	<xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWBD_Type / tns:SESSION_DATA

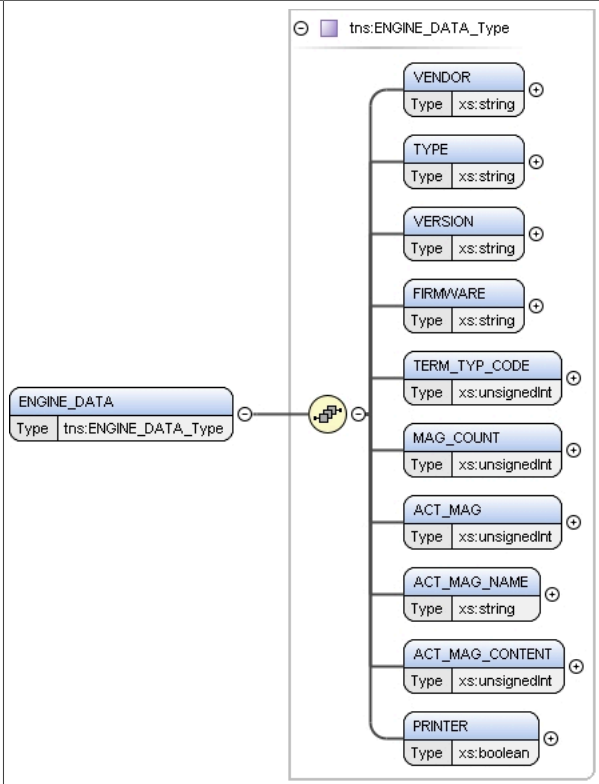
Namespace	http://vdv/ka/pe/2

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

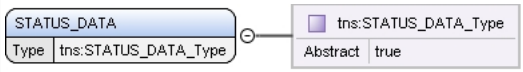
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWBD_Type / tns:ENGINE_DATA

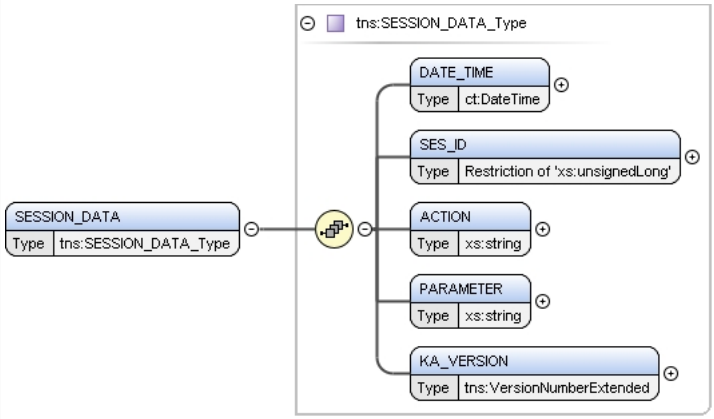
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ENGINE_DATA_Type
Properties	content: complex

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	<tns:ENGINE_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:VENDOR>{1,1}</tns:VENDOR> <tns:TYPE>{1,1}</tns:TYPE> <tns:VERSION>{1,1}</tns:VERSION> <tns:FIRMWARE>{1,1}</tns:FIRMWARE> <tns:TERM_TYP_CODE>{1,1}</tns:TERM_TYP_CODE> <tns:MAG_COUNT>{1,1}</tns:MAG_COUNT> <tns:ACT_MAG>{1,1}</tns:ACT_MAG> <tns:ACT_MAG_NAME>{1,1}</tns:ACT_MAG_NAME> <tns:ACT_MAG_CONTENT>{1,1}</tns:ACT_MAG_CONTENT> <tns:PRINTER>{1,1}</tns:PRINTER> </tns:ENGINE_DATA>
Source	<xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

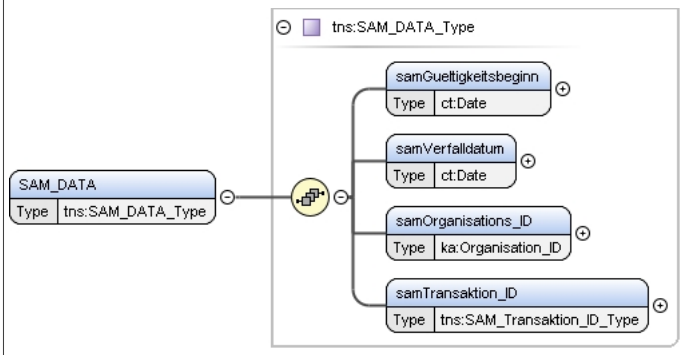
Element tns:TXWBD_Type / tns:STATUS_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

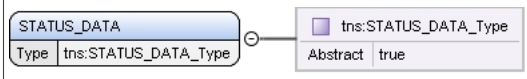
Element tns:TXAUTH_Type / tns:SESSION_DATA

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

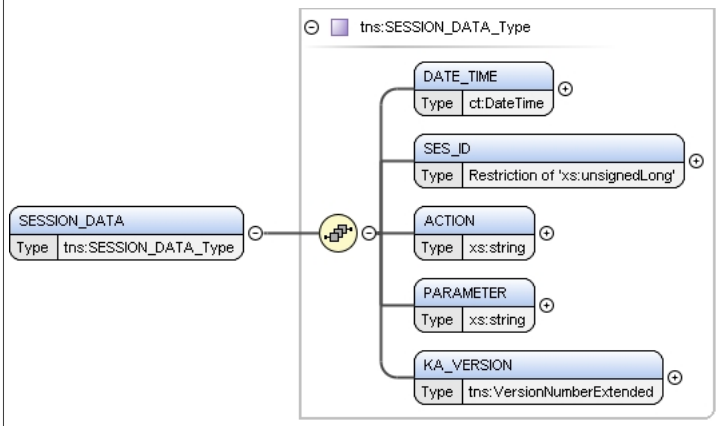
Element tns:TXAUTH_Type / tns:SAM_DATA

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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAUTH_Type / tns:STATUS_DATA

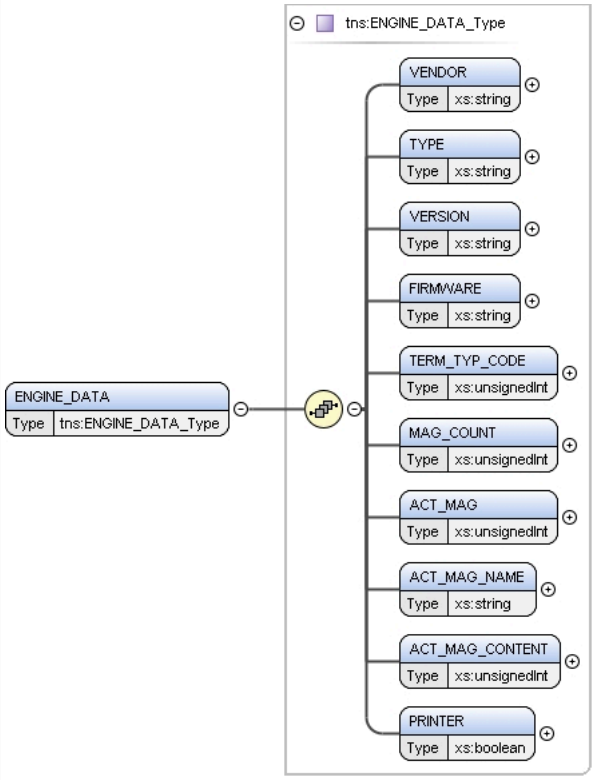
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXBGN_Type / tns:SESSION_DATA

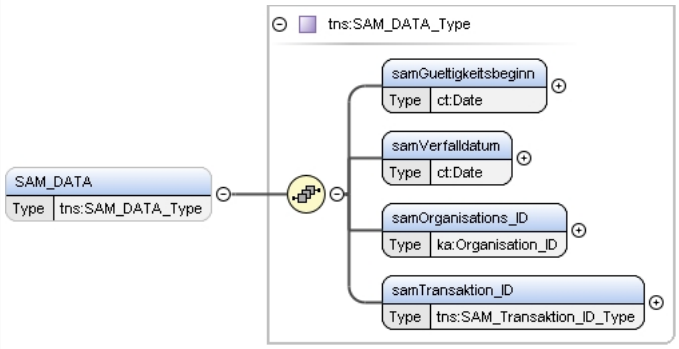
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

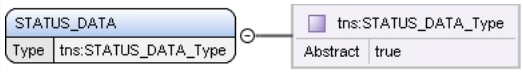
Element tns:TXBGN_Type / tns:ENGINE_DATA

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	<tns:ENGINE_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:VENDOR>{1,1}</tns:VENDOR> <tns:TYPE>{1,1}</tns:TYPE> <tns:VERSION>{1,1}</tns:VERSION> <tns:FIRMWARE>{1,1}</tns:FIRMWARE> <tns:TERM_TYP_CODE>{1,1}</tns:TERM_TYP_CODE> <tns:MAG_COUNT>{1,1}</tns:MAG_COUNT> <tns:ACT_MAG>{1,1}</tns:ACT_MAG> <tns:ACT_MAG_NAME>{1,1}</tns:ACT_MAG_NAME> <tns:ACT_MAG_CONTENT>{1,1}</tns:ACT_MAG_CONTENT> <tns:PRINTER>{1,1}</tns:PRINTER> </tns:ENGINE_DATA>
Source	<xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXBGN_Type / tns:SAM_DATA

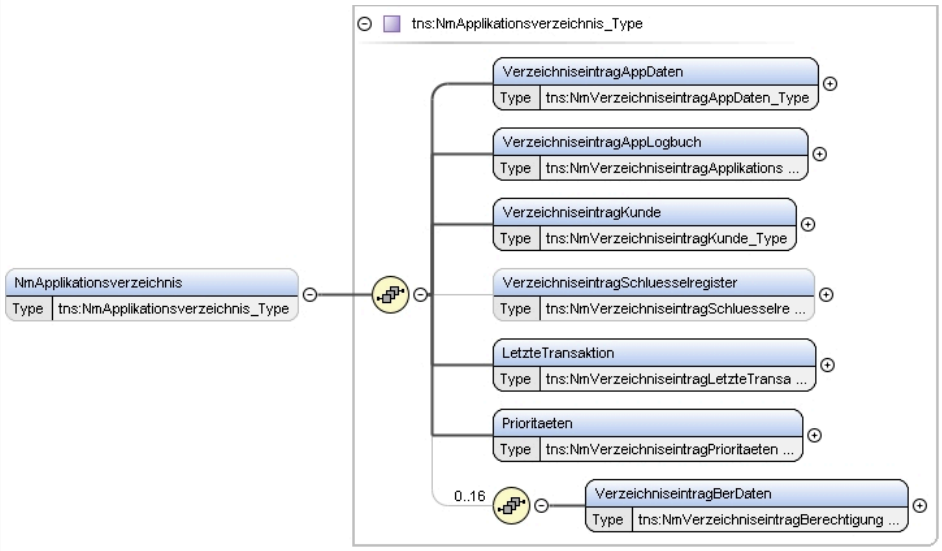
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXBGN_Type / tns:STATUS_DATA

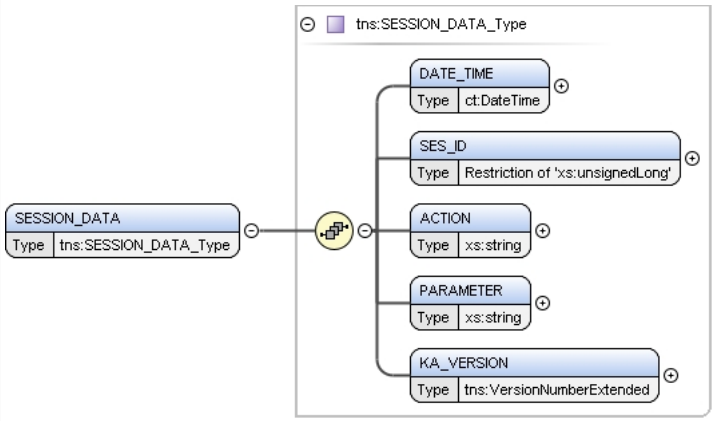
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXBGN_Type / tns:NmApplikationsverzeichnis

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

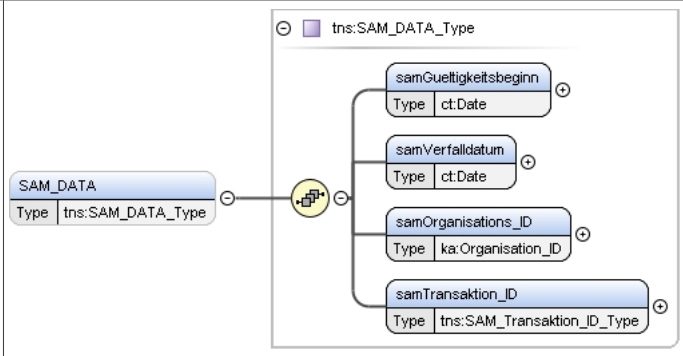
Diagram	
Type	tns:NmApplikationsverzeichnis_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:VerzeichniseintragAppDaten , tns:VerzeichniseintragAppLogbuch , tns:VerzeichniseintragKunde , tns:VerzeichniseintragSchluesselregister{0,1} , tns:LetzteTransaktion , tns:Prioritaeten , tns:VerzeichniseintragBerDaten
Children	tns:LetzteTransaktion, tns:Prioritaeten, tns:VerzeichniseintragAppDaten, tns:VerzeichniseintragAppLogbuch, tns:VerzeichniseintragBerDaten, tns:VerzeichniseintragKunde, tns:VerzeichniseintragSchluesselregister
Instance	<tns:NmApplikationsverzeichnis xmlns:tns="http://vdv/ka/pe/2"> <tns:VerzeichniseintragAppDaten>{1,1}</tns:VerzeichniseintragAppDaten> <tns:VerzeichniseintragAppLogbuch>{1,1}</tns:VerzeichniseintragAppLogbuch> <tns:VerzeichniseintragKunde>{1,1}</tns:VerzeichniseintragKunde> <tns:VerzeichniseintragSchluesselregister>{0,1}</tns:VerzeichniseintragSchluesselregister> <tns:LetzteTransaktion>{1,1}</tns:LetzteTransaktion> <tns:Prioritaeten>{1,1}</tns:Prioritaeten> <tns:VerzeichniseintragBerDaten>{1,1}</tns:VerzeichniseintragBerDaten> </tns:NmApplikationsverzeichnis>
Source	<xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLADKEYREG_Type / tns:SESSION_DATA

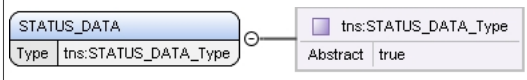
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION

Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLADKEYREG_Type / tns:SAM_DATA

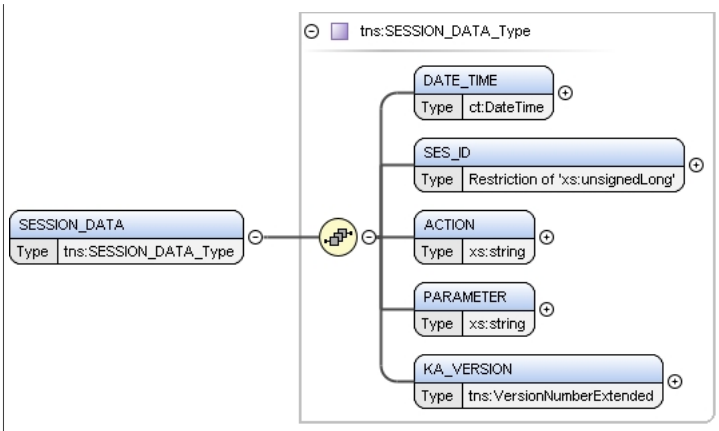
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEKEYREG_Type / tns:SESSION_DATA

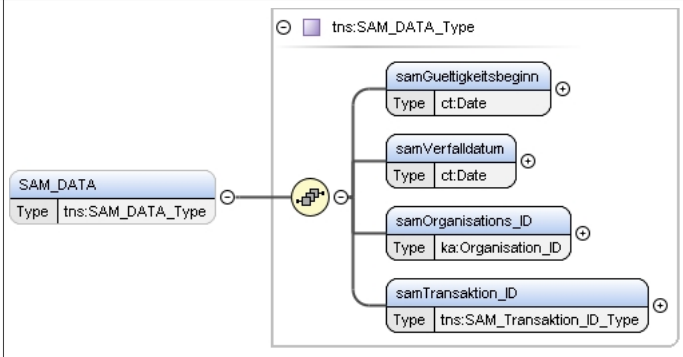
Namespace	http://vdv/ka/pe/2

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

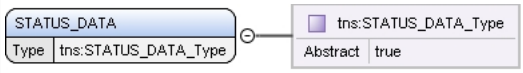
Element tns:TXLOEKEYREG_Type / tns:SAM_DATA

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

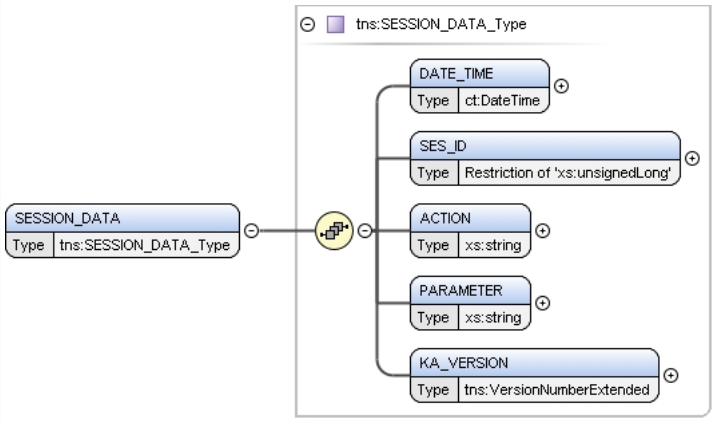
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

Source	`<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

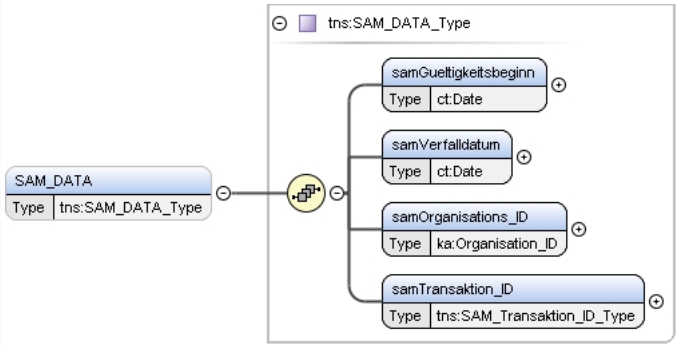
Element tns:TXLESKEYREG_Type / tns:SESSION_DATA

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

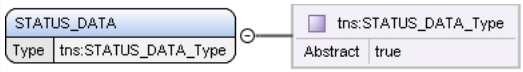
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEYREG_Type / tns:SAM_DATA

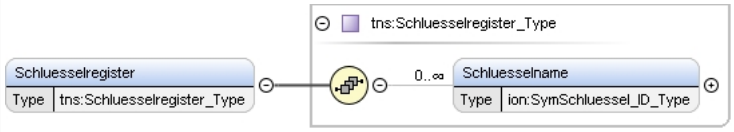
Namespace	http://vdv/ka/pe/2
Diagram	

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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEYREG_Type / tns:STATUS_DATA

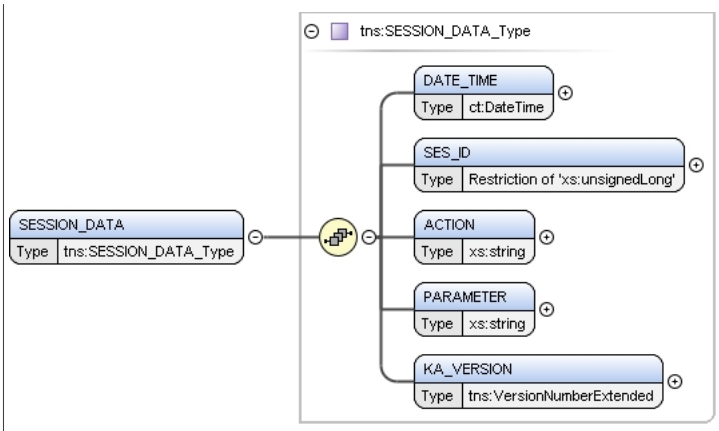
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEYREG_Type / tns:Schluesselregister

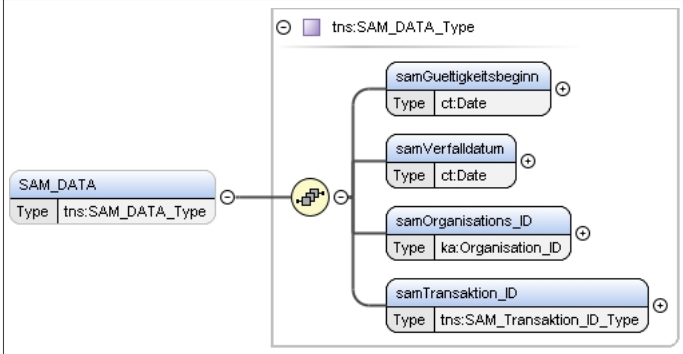
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Schluesselregister_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:Schluesselname*
Children	tns:Schluesselname
Instance	<tns:Schluesselregister xmlns:tns="http://vdv/ka/pe/2"> <tns:Schluesselname>{0,unbounded}</tns:Schluesselname> </tns:Schluesselregister>
Source	<xs:element name="Schluesselregister" type="tns:Schluesselregister_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXEND_Type / tns:SESSION_DATA

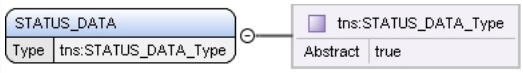
Namespace	http://vdv/ka/pe/2

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

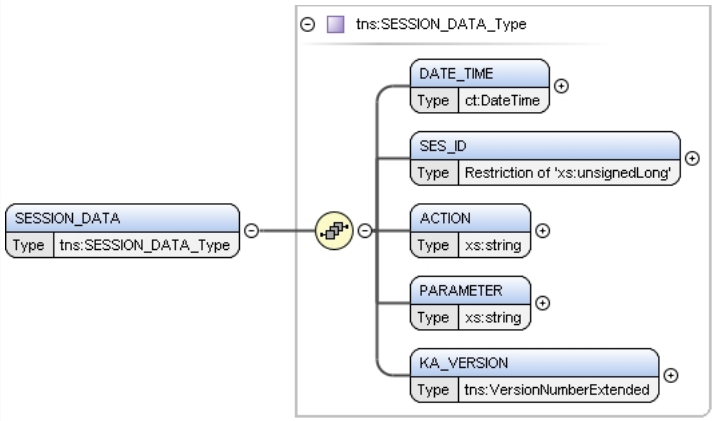
Element tns:TXEND_Type / tns:SAM_DATA

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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

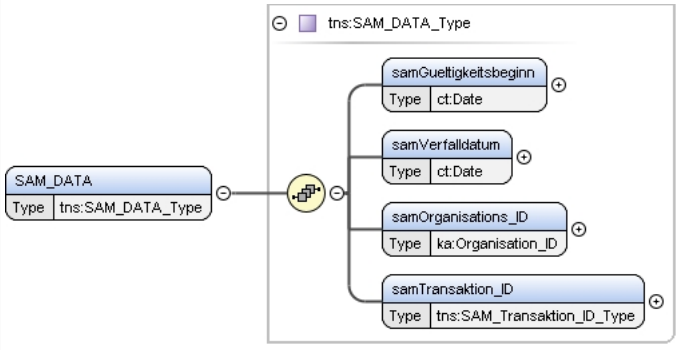
Element tns:TXLESAPPLOG_Type / tns:SESSION_DATA

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

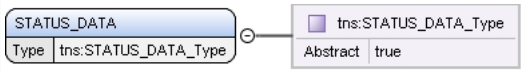
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESAPPLOG_Type / tns:SAM_DATA

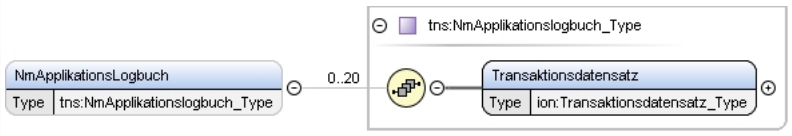
Namespace	http://vdv/ka/pe/2
Diagram	

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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESAPPLOG_Type / tns:STATUS_DATA

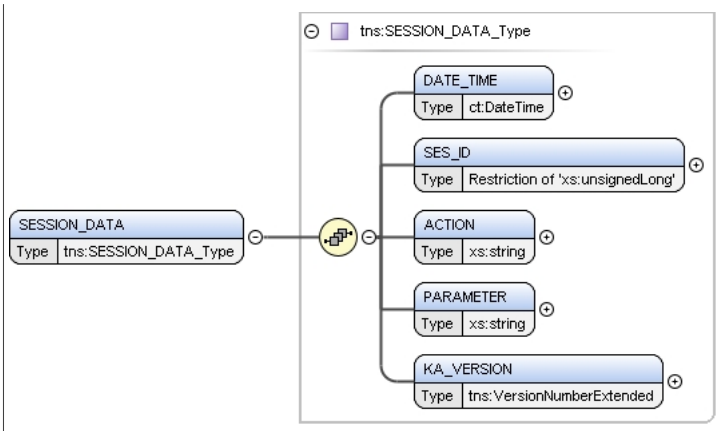
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESAPPLOG_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	<tns:NmApplikationsLogbuch xmlns:tns="http://vdv/ka/pe/2"> <tns:Transaktionsdatensatz>{1,1}</tns:Transaktionsdatensatz> </tns:NmApplikationsLogbuch>
Source	<xs:element name="NmApplikationsLogbuch" type="tns:NmApplikationslogbuch_Type" minOccurs="0"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEAPPLOG_Type / tns:SESSION_DATA

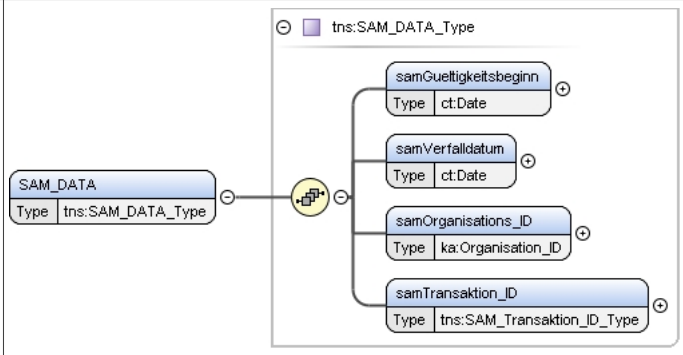
Namespace	http://vdv/ka/pe/2

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><tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">
	  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>
	  <tns:SES_ID>{1,1}</tns:SES_ID>
	  <tns:ACTION>{1,1}</tns:ACTION>
	  <tns:PARAMETER>{1,1}</tns:PARAMETER>
	  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>
	</tns:SESSION_DATA></pre>

Source	<pre><xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEAPPLOG_Type / tns:SAM_DATA

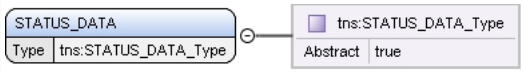
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum

Instance	<pre><tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">
	  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>
	  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>
	  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>
	  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>
	</tns:SAM_DATA></pre>

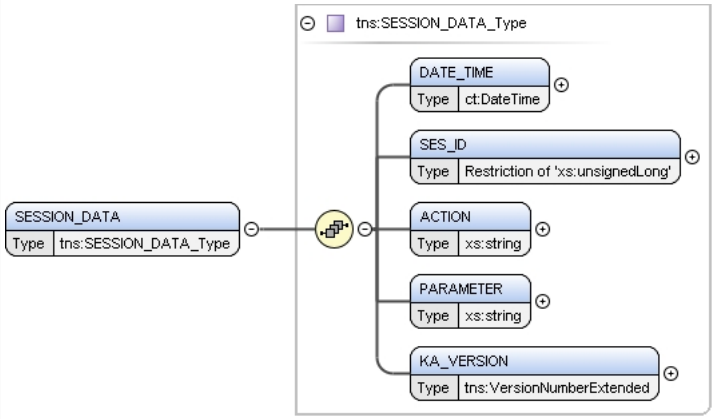
Source	<pre><xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEAPPLOG_Type / tns:STATUS_DATA

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

Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

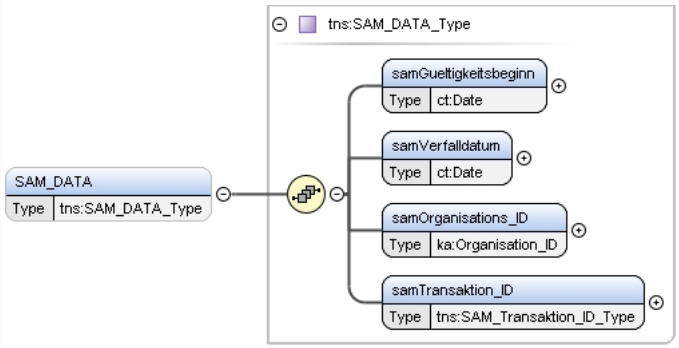
Element tns:TXAGBKUNDE_Type / tns:SESSION_DATA

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

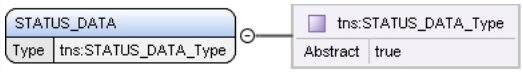
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBKUNDE_Type / tns:SAM_DATA

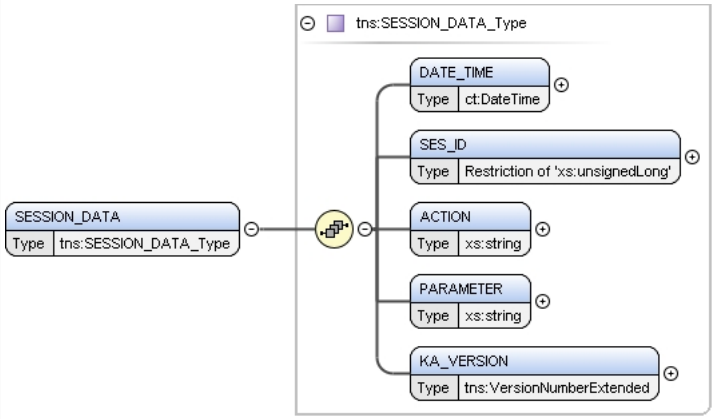
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0

	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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBKUNDE_Type / tns:STATUS_DATA

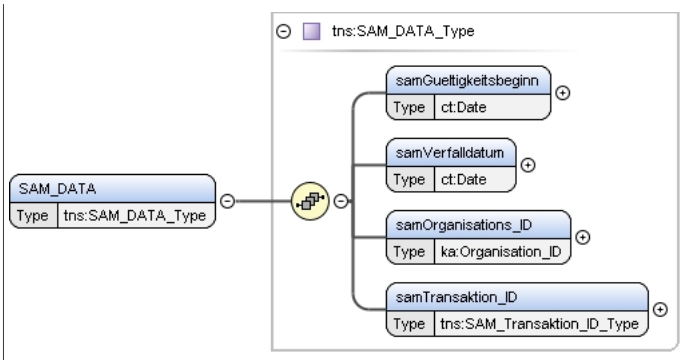
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKUNDE_Type / tns:SESSION_DATA

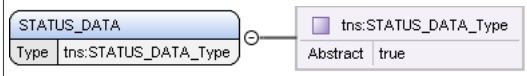
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

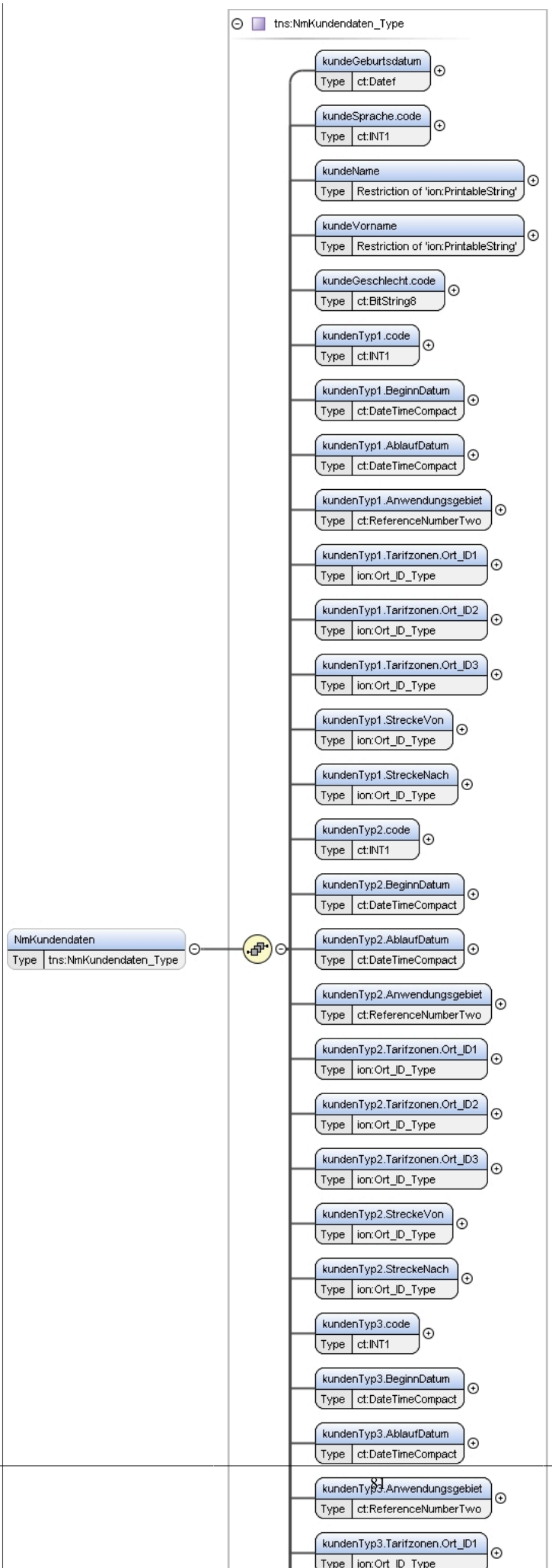
Element tns:TXLESKUNDE_Type / tns:STATUS_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKUNDE_Type / tns:NmKundendaten

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

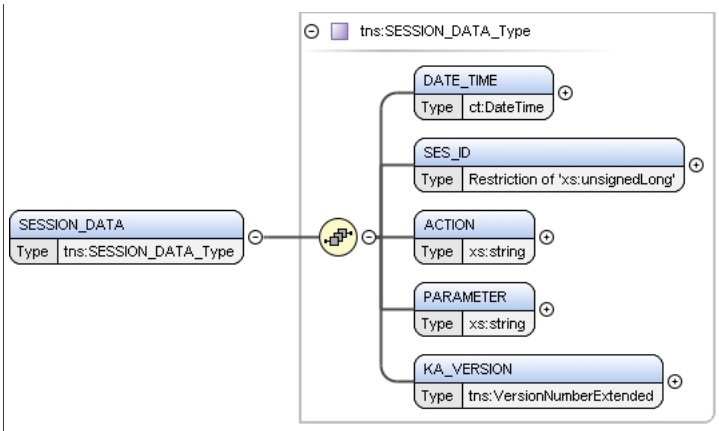
Diagram


tns:NmKundendaten_Type
kundeGeburtsdatum
Type ct:Datef
kundeSprache.code
Type ct:INT1
kundeName
Type Restriction of 'ion:PrintableString'
kundeVorname
Type Restriction of 'ion:PrintableString'
kundeGeschlecht.code
Type ct:BitString8
kundenTyp1.code
Type ct:INT1
kundenTyp1.BeginnDatum
Type ct:DateTimeCompact
kundenTyp1.AblaufDatum
Type ct:DateTimeCompact
kundenTyp1.Anwendungsgebiet
Type ct:ReferenceNumberTwo
kundenTyp1.Tarifzonen.Ort_ID1
Type ion:Ort_ID_Type
kundenTyp1.Tarifzonen.Ort_ID2
Type ion:Ort_ID_Type
kundenTyp1.Tarifzonen.Ort_ID3
Type ion:Ort_ID_Type
kundenTyp1.StreckeVon
Type ion:Ort_ID_Type
kundenTyp1.StreckeNach
Type ion:Ort_ID_Type
kundenTyp2.code
Type ct:INT1
kundenTyp2.BeginnDatum
Type ct:DateTimeCompact
NmKundendaten
Type tns:NmKundendaten_Type
kundenTyp2.AblaufDatum
Type ct:DateTimeCompact
kundenTyp2.Anwendungsgebiet
Type ct:ReferenceNumberTwo
kundenTyp2.Tarifzonen.Ort_ID1
Type ion:Ort_ID_Type
kundenTyp2.Tarifzonen.Ort_ID2
Type ion:Ort_ID_Type
kundenTyp2.Tarifzonen.Ort_ID3
Type ion:Ort_ID_Type
kundenTyp2.StreckeVon
Type ion:Ort_ID_Type
kundenTyp2.StreckeNach
Type ion:Ort_ID_Type
kundenTyp3.code
Type ct:INT1
kundenTyp3.BeginnDatum
Type ct:DateTimeCompact
kundenTyp3.AblaufDatum
Type ct:DateTimeCompact
kundenTyp3.Anwendungsgebiet
Type ct:ReferenceNumberTwo
kundenTyp3.Tarifzonen.Ort_ID1
Type ion:Ort_ID_Type

Type	tns:NmKundendaten_Type
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:kundenTyp1.code, 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
Instance	<tns:NmKundendaten xmlns:tns="http://vdv/ka/pe/2"> <tns:kundeGeburtsdatum>{1,1}</tns:kundeGeburtsdatum> <tns:kundeSprache.code>{1,1}</tns:kundeSprache.code> <tns:kundeName>{1,1}</tns:kundeName> <tns:kundeVorname>{1,1}</tns:kundeVorname> <tns:kundeGeschlecht.code>{1,1}</tns:kundeGeschlecht.code> <tns:kundenTyp1.code>{1,1}</tns:kundenTyp1.code> <tns:kundenTyp1.BeginnDatum>{1,1}</tns:kundenTyp1.BeginnDatum> <tns:kundenTyp1.AblaufDatum>{1,1}</tns:kundenTyp1.AblaufDatum> <tns:kundenTyp1.Anwendungsgebiet>{1,1}</tns:kundenTyp1.Anwendungsgebiet> <tns:kundenTyp1.Tarifzonen.Ort_ID1>{1,1}</tns:kundenTyp1.Tarifzonen.Ort_ID1> <tns:kundenTyp1.Tarifzonen.Ort_ID2>{1,1}</tns:kundenTyp1.Tarifzonen.Ort_ID2> <tns:kundenTyp1.Tarifzonen.Ort_ID3>{1,1}</tns:kundenTyp1.Tarifzonen.Ort_ID3> <tns:kundenTyp1.StreckeVon>{1,1}</tns:kundenTyp1.StreckeVon> <tns:kundenTyp1.StreckeNach>{1,1}</tns:kundenTyp1.StreckeNach> <tns:kundenTyp2.code>{1,1}</tns:kundenTyp2.code> <tns:kundenTyp2.BeginnDatum>{1,1}</tns:kundenTyp2.BeginnDatum> <tns:kundenTyp2.AblaufDatum>{1,1}</tns:kundenTyp2.AblaufDatum> <tns:kundenTyp2.Anwendungsgebiet>{1,1}</tns:kundenTyp2.Anwendungsgebiet> <tns:kundenTyp2.Tarifzonen.Ort_ID1>{1,1}</tns:kundenTyp2.Tarifzonen.Ort_ID1> <tns:kundenTyp2.Tarifzonen.Ort_ID2>{1,1}</tns:kundenTyp2.Tarifzonen.Ort_ID2> <tns:kundenTyp2.Tarifzonen.Ort_ID3>{1,1}</tns:kundenTyp2.Tarifzonen.Ort_ID3> <tns:kundenTyp2.StreckeVon>{1,1}</tns:kundenTyp2.StreckeVon> <tns:kundenTyp2.StreckeNach>{1,1}</tns:kundenTyp2.StreckeNach> <tns:kundenTyp3.code>{1,1}</tns:kundenTyp3.code> <tns:kundenTyp3.BeginnDatum>{1,1}</tns:kundenTyp3.BeginnDatum> <tns:kundenTyp3.AblaufDatum>{1,1}</tns:kundenTyp3.AblaufDatum> <tns:kundenTyp3.Anwendungsgebiet>{1,1}</tns:kundenTyp3.Anwendungsgebiet> <tns:kundenTyp3.Tarifzonen.Ort_ID1>{1,1}</tns:kundenTyp3.Tarifzonen.Ort_ID1> <tns:kundenTyp3.Tarifzonen.Ort_ID2>{1,1}</tns:kundenTyp3.Tarifzonen.Ort_ID2> <tns:kundenTyp3.Tarifzonen.Ort_ID3>{1,1}</tns:kundenTyp3.Tarifzonen.Ort_ID3> <tns:kundenTyp3.StreckeVon>{1,1}</tns:kundenTyp3.StreckeVon> <tns:kundenTyp3.StreckeNach>{1,1}</tns:kundenTyp3.StreckeNach> <tns:Infotext>{1,1}</tns:Infotext> </tns:NmKundendaten>
Source	<xs:element name="NmKundendaten" type="tns:NmKundendaten_Type" minOccurs="0"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEKUNDE_Type / tns:SESSION_DATA

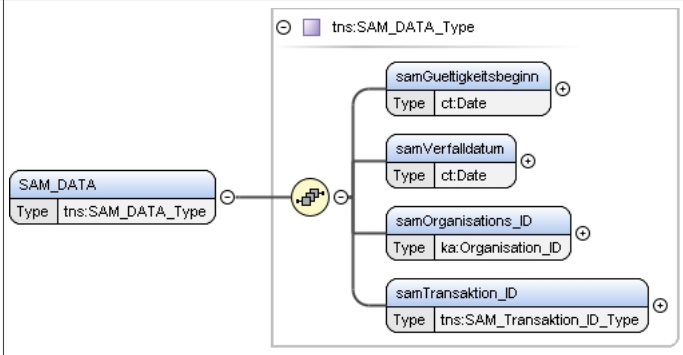
Namespace	http://vdv/ka/pe/2

Diagram	
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><tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">
	  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>
	  <tns:SES_ID>{1,1}</tns:SES_ID>
	  <tns:ACTION>{1,1}</tns:ACTION>
	  <tns:PARAMETER>{1,1}</tns:PARAMETER>
	  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>
	</tns:SESSION_DATA></pre>

Source	<pre><xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEKUNDE_Type / tns:SAM_DATA

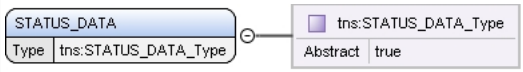
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum

Instance	<pre><tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">
	  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>
	  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>
	  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>
	  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>
	</tns:SAM_DATA></pre>

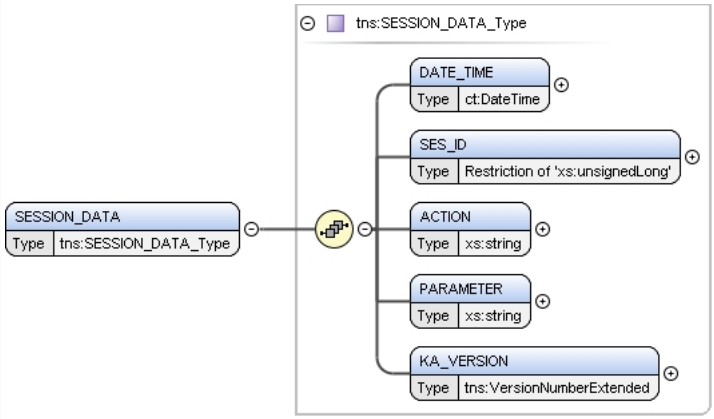
Source	<pre><xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEKUNDE_Type / tns:STATUS_DATA

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

Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

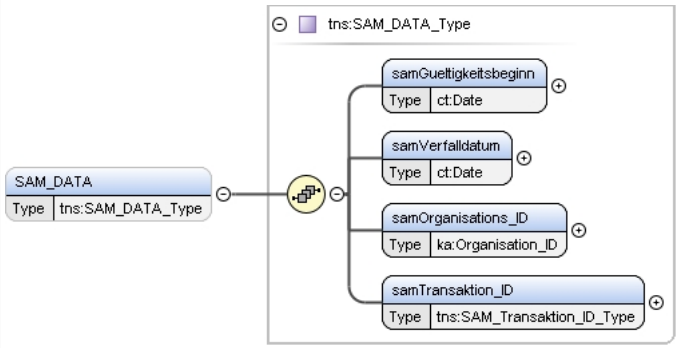
Element tns:TXAGBPRIO_Type / tns:SESSION_DATA

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

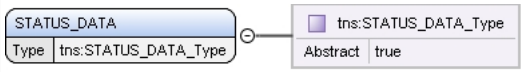
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBPRIO_Type / tns:SAM_DATA

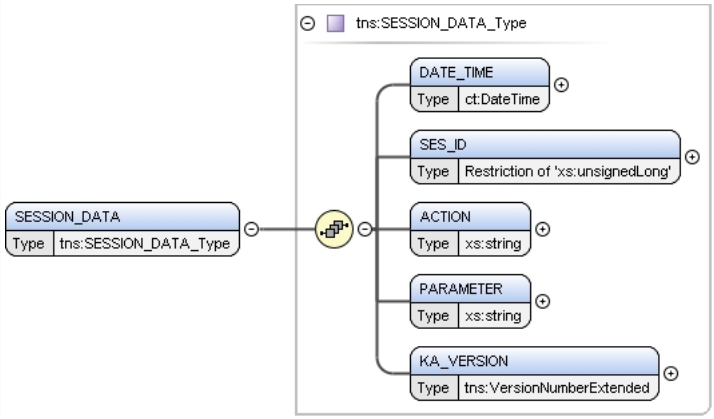
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0

	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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBPRIO_Type / tns:STATUS_DATA

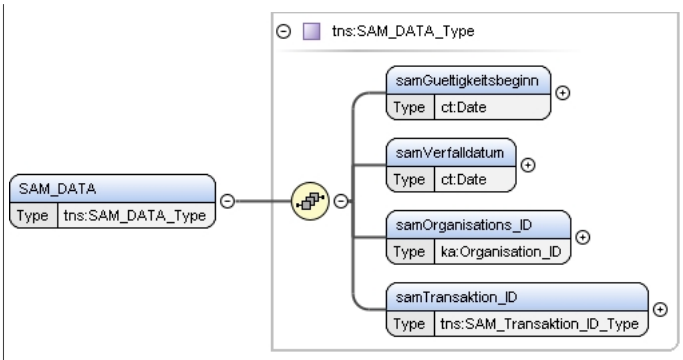
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEPRIO_Type / tns:SAM_DATA

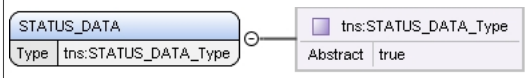
Namespace	http://vdv/ka/pe/2

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

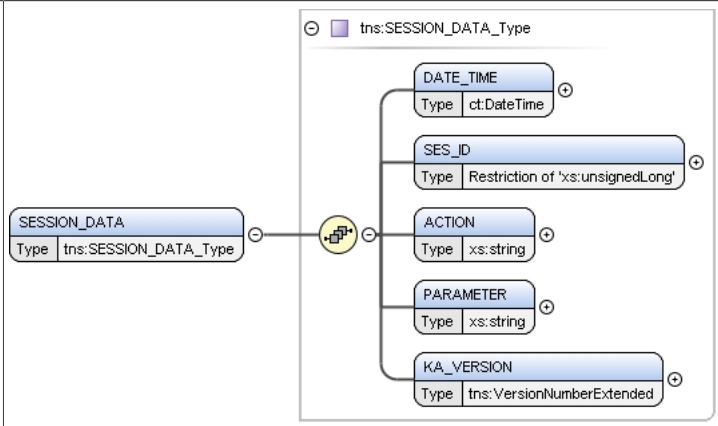
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

Source	`<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEPRIO_Type / tns:STATUS_DATA

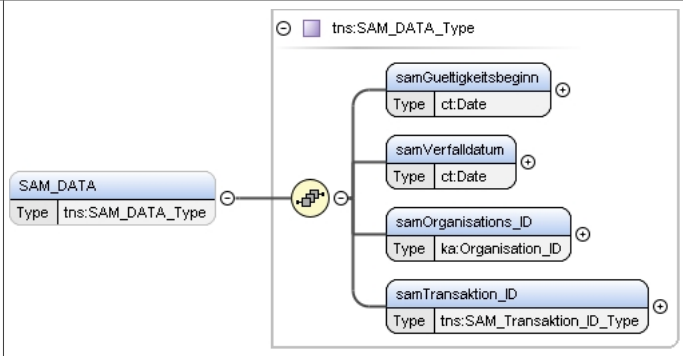
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBPINPUC_Type / tns:SESSION_DATA

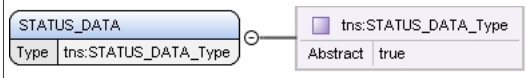
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION

Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBPINPUC_Type / tns:SAM_DATA

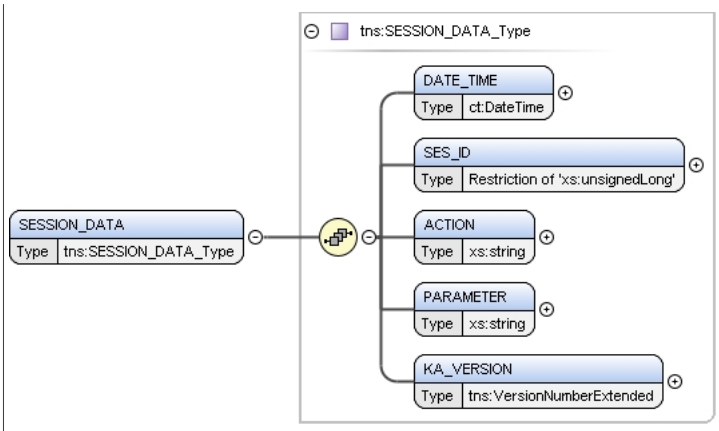
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBPINPUC_Type / tns:STATUS_DATA

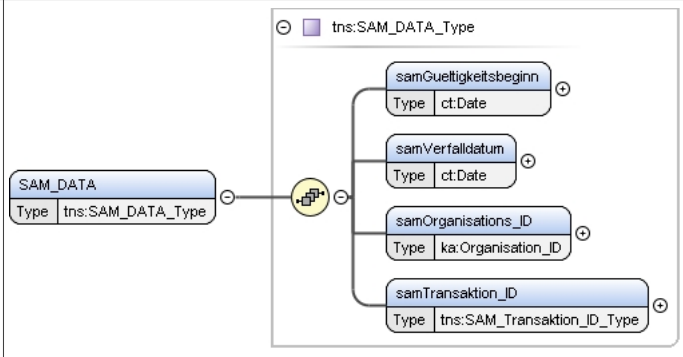
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXPPIN_Type / tns:SESSION_DATA

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

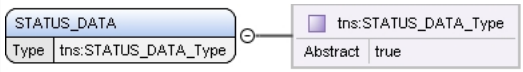
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXPPIN_Type / tns:SAM_DATA

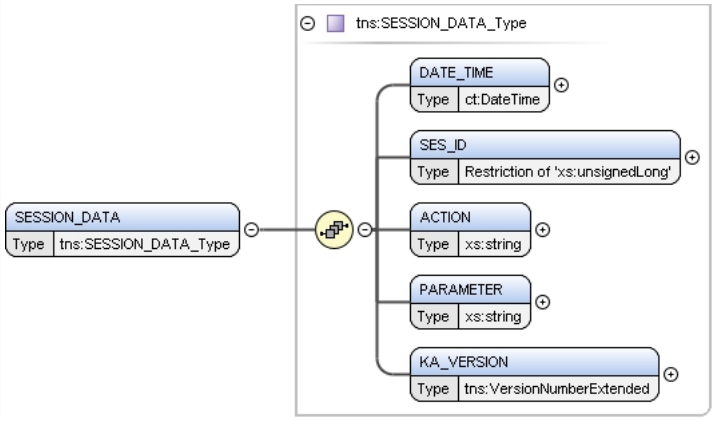
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

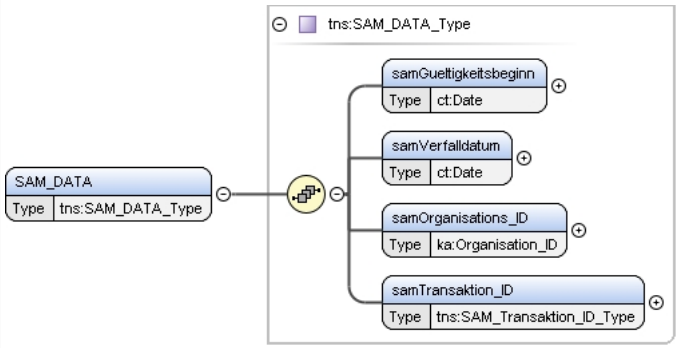
Element tns:TXAENDPIN_Type / tns:SESSION_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

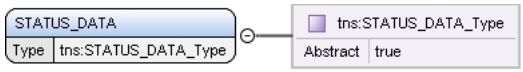
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAENDPIN_Type / tns:SAM_DATA

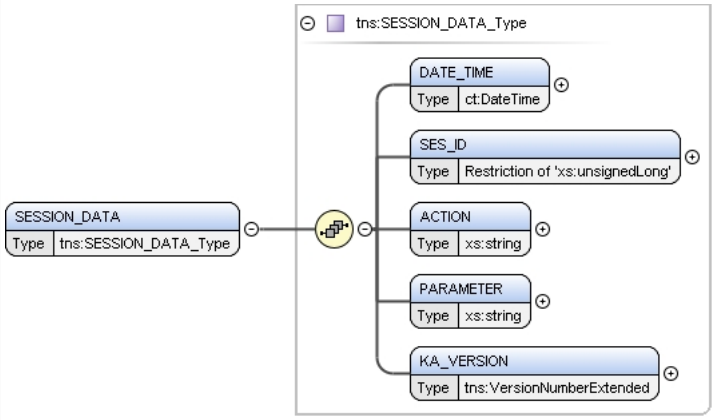
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex

Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAENDPIN_Type / tns:STATUS_DATA

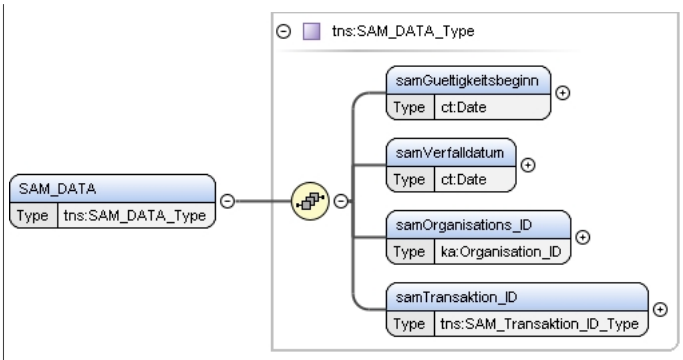
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXSPIN_Type / tns:SAM_DATA

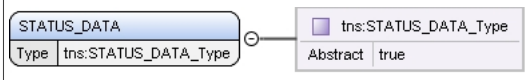
Namespace	http://vdv/ka/pe/2

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

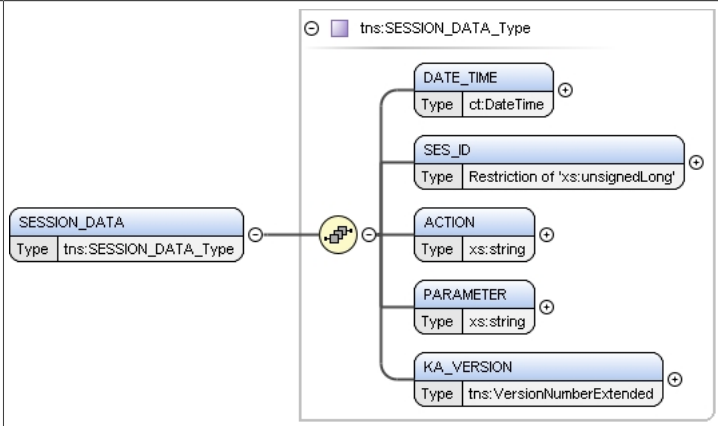
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`<tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`<tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`<tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`<tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

Source	`<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element `tns:TXSPIN_Type / tns:STATUS_DATA`

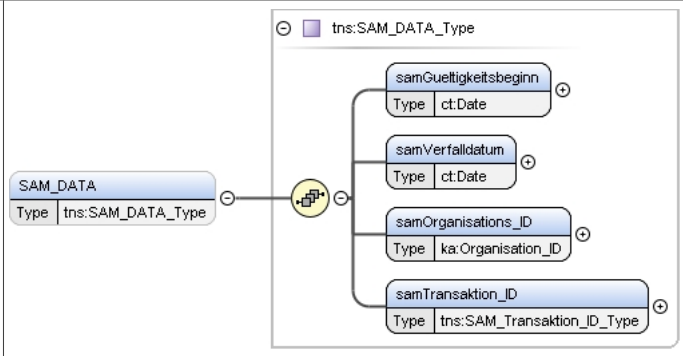
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element `tns:TXDRUCK_Type / tns:SESSION_DATA`

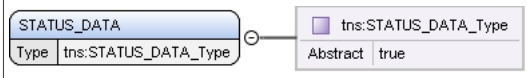
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION

Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXDRUCK_Type / tns:SAM_DATA

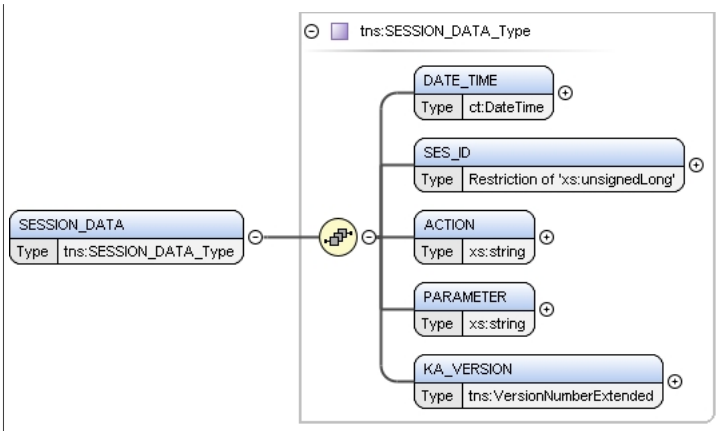
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXDRUCK_Type / tns:STATUS_DATA

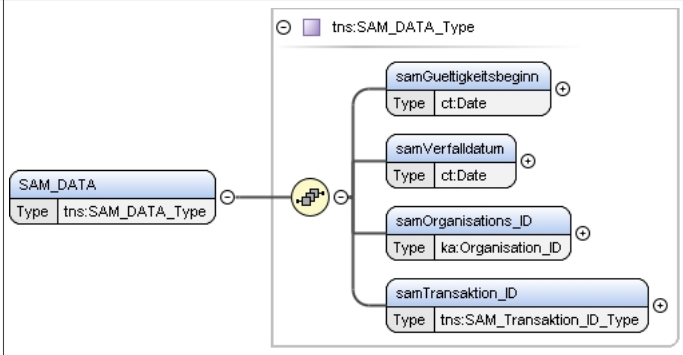
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBAENDN_Type / tns:SESSION_DATA

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

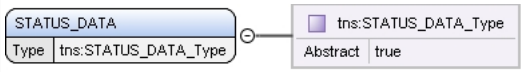
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBAENDN_Type / tns:SAM_DATA

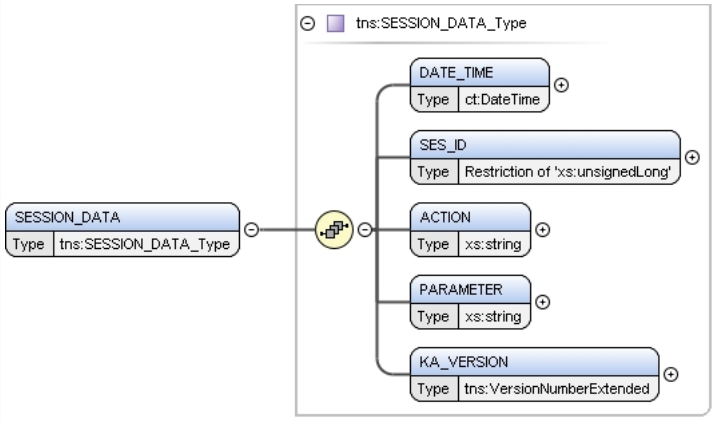
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

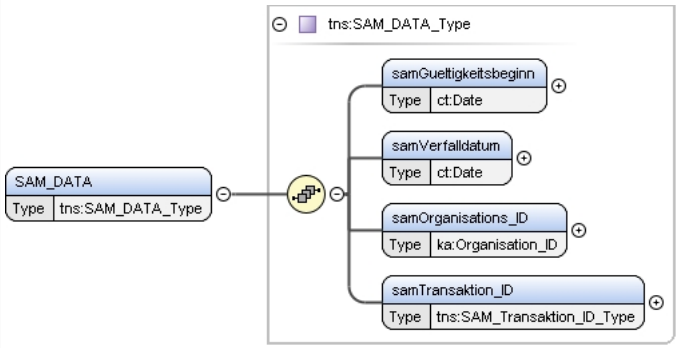
Element tns:TXSBER_Type / tns:SESSION_DATA

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

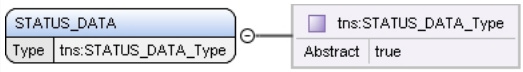
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXSBER_Type / tns:SAM_DATA

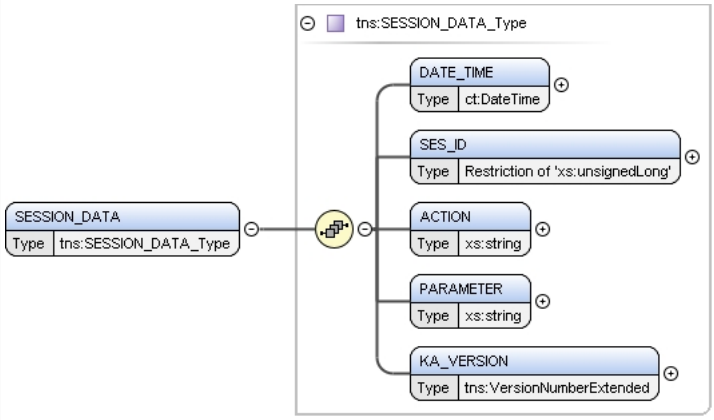
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex

Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXSBER_Type / tns:STATUS_DATA

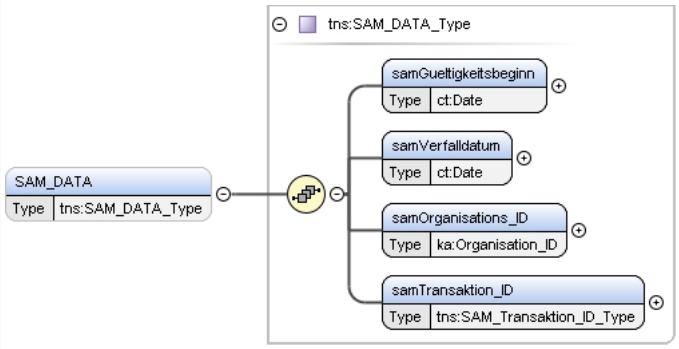
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBBER_Type / tns:SAM_DATA

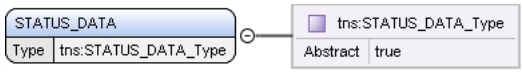
Namespace	http://vdv/ka/pe/2

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

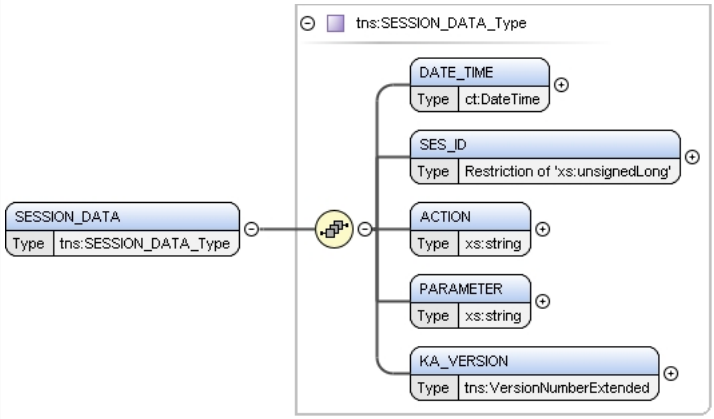
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

Source	`<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBBER_Type / tns:STATUS_DATA

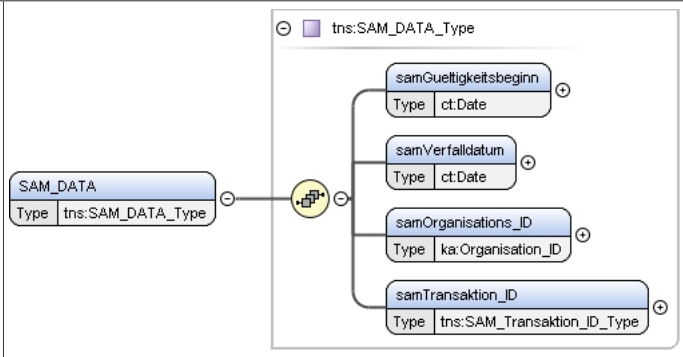
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEBER_Type / tns:SESSION_DATA

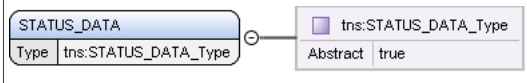
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEBER_Type / tns:SAM_DATA

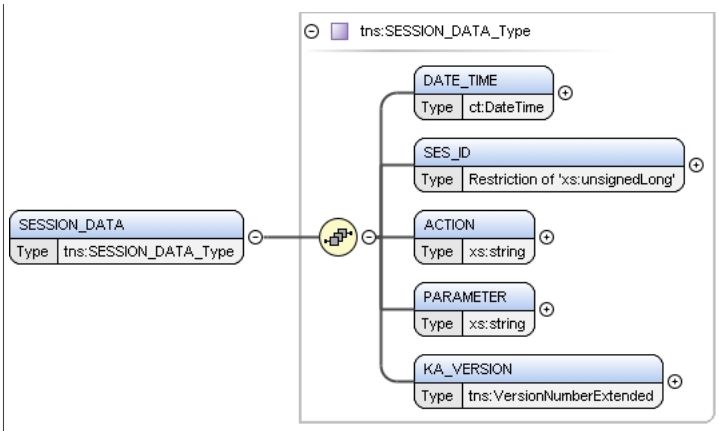
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBPOBPEB_Type / tns:SESSION_DATA

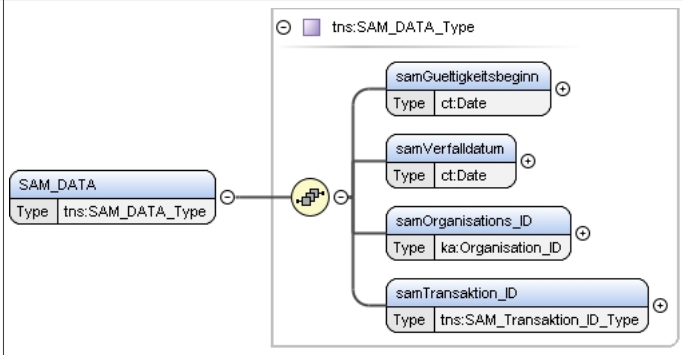
Namespace	http://vdv/ka/pe/2

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><tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">
	  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>
	  <tns:SES_ID>{1,1}</tns:SES_ID>
	  <tns:ACTION>{1,1}</tns:ACTION>
	  <tns:PARAMETER>{1,1}</tns:PARAMETER>
	  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>
	</tns:SESSION_DATA></pre>

Source	<pre><xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBPOBPEB_Type / tns:SAM_DATA

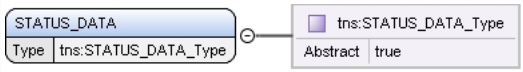
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum

Instance	<pre><tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">
	  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>
	  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>
	  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>
	  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>
	</tns:SAM_DATA></pre>

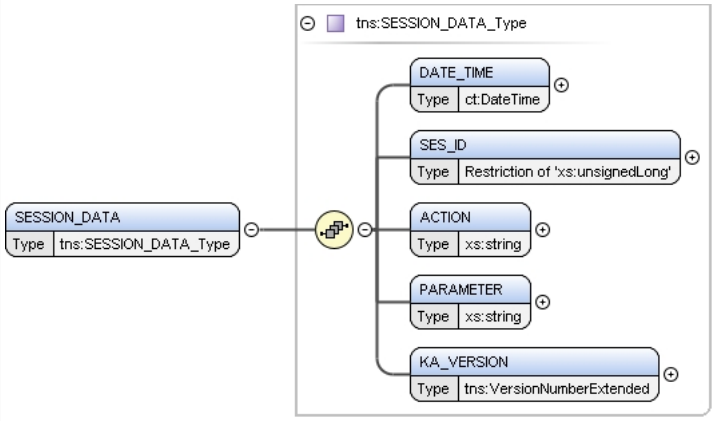
Source	<pre><xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBPOBPEB_Type / tns:STATUS_DATA

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

Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

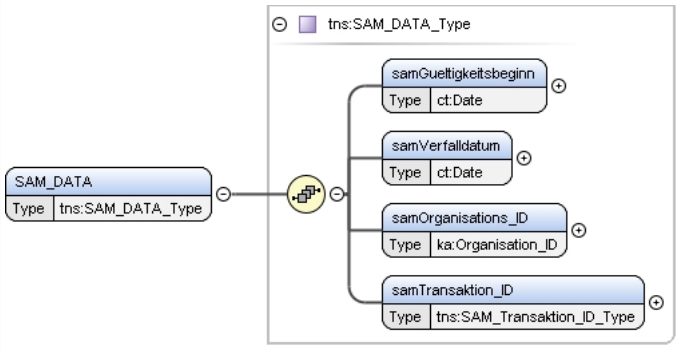
Element tns:TXPEB_Type / tns:SESSION_DATA

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	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`  <tns:SES_ID>{1,1}</tns:SES_ID>`
	`  <tns:ACTION>{1,1}</tns:ACTION>`
	`  <tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`  <tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

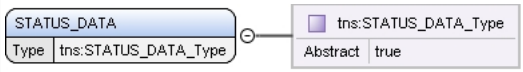
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXPEB_Type / tns:SAM_DATA

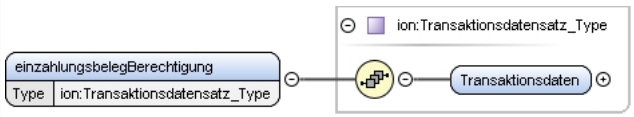
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex

Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

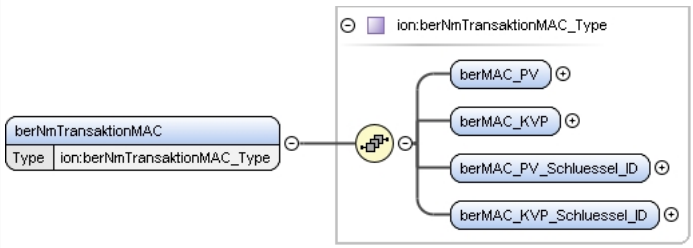
Element tns:TXPEB_Type / tns:STATUS_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLPEB_Type / tns:einzahlungsbelegBerechtigung

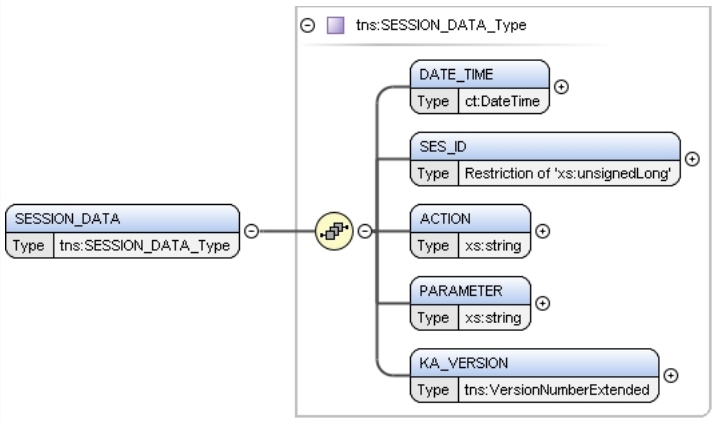
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:einzahlungsbelegBerechtigung xmlns:tns="http://vdv/ka/pe/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:einzahlungsbelegBerechtigung>
Source	<xs:element name="einzahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLPEB_Type / tns:berNmTransaktionMAC

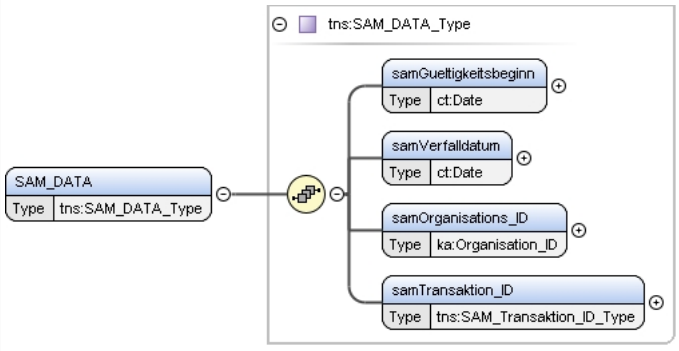
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID

Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/pe/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID> <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID> </tns:berNmTransaktionMAC>
Source	<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAENDBER_Type / tns:SESSION_DATA

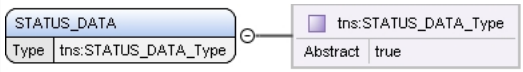
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAENDBER_Type / tns:SAM_DATA

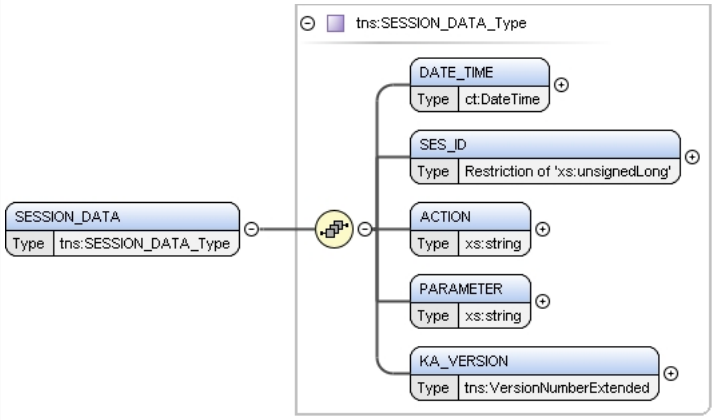
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex

Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAENDBER_Type / tns:STATUS_DATA

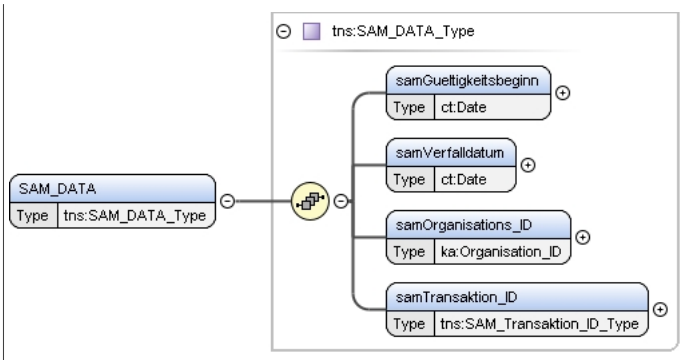
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESBER_Type / tns:SAM_DATA

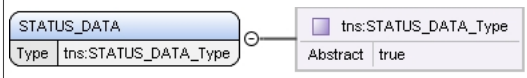
Namespace	http://vdv/ka/pe/2

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

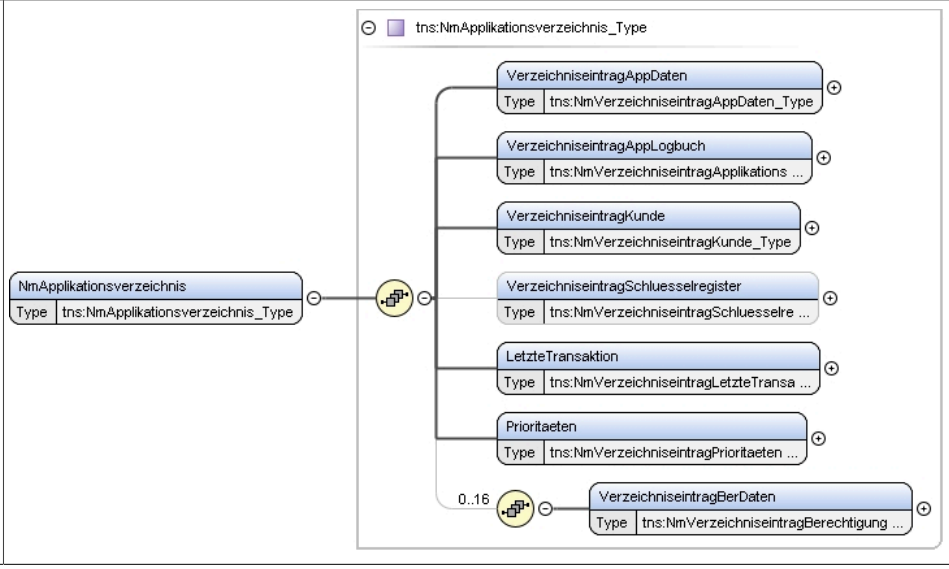
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

Source	`<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESBER_Type / tns:STATUS_DATA

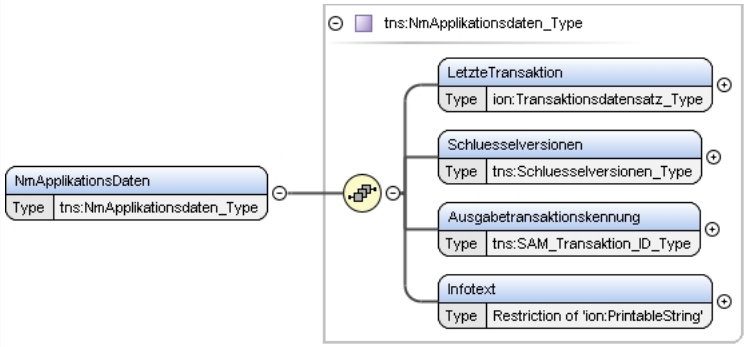
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESBER_Type / tns:NmApplikationsverzeichnis

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

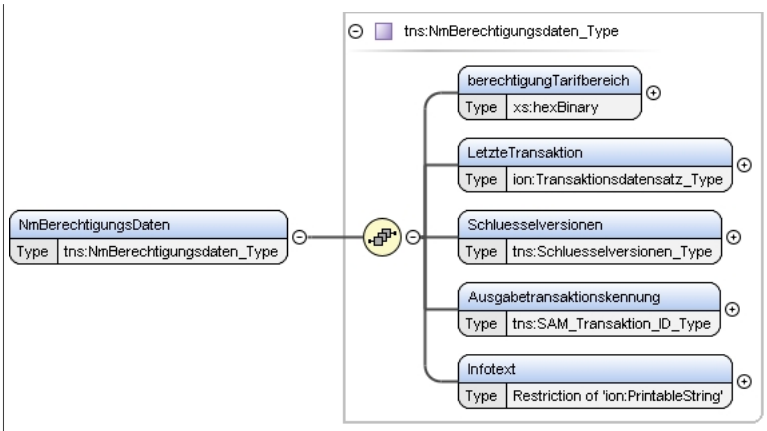
Type	tns:NmApplikationsverzeichnis_Type
Properties	content: complex
Model	tns:VerzeichniseintragAppDaten , tns:VerzeichniseintragAppLogbuch , tns:VerzeichniseintragKunde , tns:VerzeichniseintragSchluesselregister{0,1} , tns:LetzteTransaktion , tns:Prioritaeten , tns:VerzeichniseintragBerDaten
Children	tns:LetzteTransaktion, tns:Prioritaeten, tns:VerzeichniseintragAppDaten, tns:VerzeichniseintragAppLogbuch, tns:VerzeichniseintragBerDaten, tns:VerzeichniseintragKunde, tns:VerzeichniseintragSchluesselregister
Instance	<tns:NmApplikationsverzeichnis xmlns:tns="http://vdv/ka/pe/2"> <tns:VerzeichniseintragAppDaten>{1,1}</tns:VerzeichniseintragAppDaten> <tns:VerzeichniseintragAppLogbuch>{1,1}</tns:VerzeichniseintragAppLogbuch> <tns:VerzeichniseintragKunde>{1,1}</tns:VerzeichniseintragKunde> <tns:VerzeichniseintragSchluesselregister>{0,1}</tns:VerzeichniseintragSchluesselregister> <tns:LetzteTransaktion>{1,1}</tns:LetzteTransaktion> <tns:Prioritaeten>{1,1}</tns:Prioritaeten> <tns:VerzeichniseintragBerDaten>{1,1}</tns:VerzeichniseintragBerDaten> </tns:NmApplikationsverzeichnis>
Source	<xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESBER_Type / tns:NmApplikationsDaten

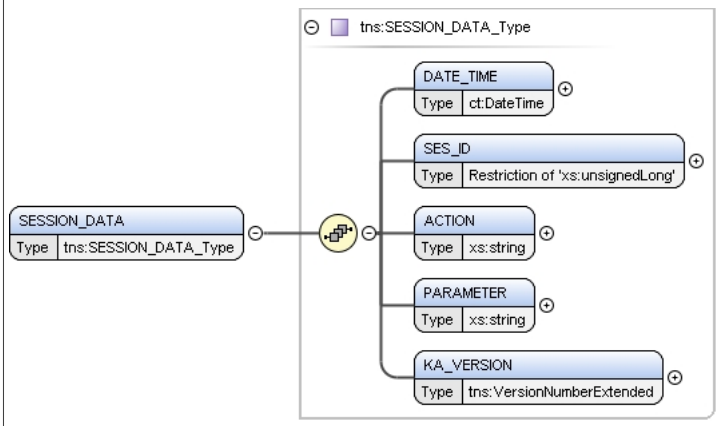
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationsdaten_Type
Properties	content: complex
Model	tns:LetzteTransaktion , tns:Schluesselversionen , tns:Ausgabetransaktionskennung , tns:Infotext
Children	tns:Ausgabetransaktionskennung, tns:Infotext, tns:LetzteTransaktion, tns:Schluesselversionen
Instance	<tns:NmApplikationsDaten xmlns:tns="http://vdv/ka/pe/2"> <tns:LetzteTransaktion>{1,1}</tns:LetzteTransaktion> <tns:Schluesselversionen>{1,1}</tns:Schluesselversionen> <tns:Ausgabetransaktionskennung>{1,1}</tns:Ausgabetransaktionskennung> <tns:Infotext>{1,1}</tns:Infotext> </tns:NmApplikationsDaten>
Source	<xs:element name="NmApplikationsDaten" type="tns:NmApplikationsdaten_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESBER_Type / tns:NmBerechtigungsDaten

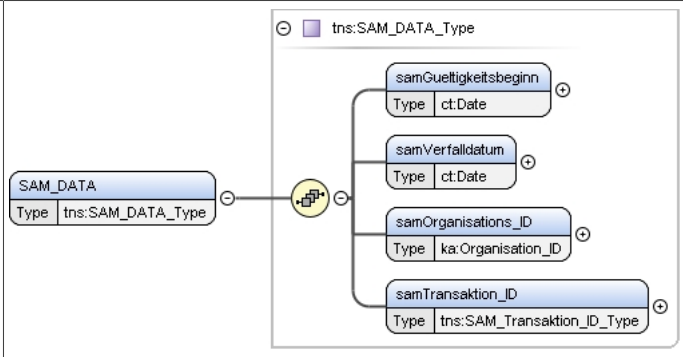
Namespace	http://vdv/ka/pe/2

Diagram	
Type	tns:NmBerechtigungsdaten_Type
Properties	content: complex
Model	tns:berechtigungTarifbereich , tns:LetzteTransaktion , tns:Schluesselversionen , tns:Ausgabetransaktionskennung , tns:Infotext
Children	tns:Ausgabetransaktionskennung, tns:Infotext, tns:LetzteTransaktion, tns:Schluesselversionen, tns:berechtigungTarifbereich
Instance	<tns:NmBerechtigungsDaten xmlns:tns="http://vdv/ka/pe/2"> <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich> <tns:LetzteTransaktion>{1,1}</tns:LetzteTransaktion> <tns:Schluesselversionen>{1,1}</tns:Schluesselversionen> <tns:Ausgabetransaktionskennung>{1,1}</tns:Ausgabetransaktionskennung> <tns:Infotext>{1,1}</tns:Infotext> </tns:NmBerechtigungsDaten>
Source	<xs:element name="NmBerechtigungsDaten" type="tns:NmBerechtigungsdaten_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

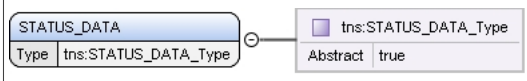
Element tns:TXAGBKEY_Type / tns:SESSION_DATA

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

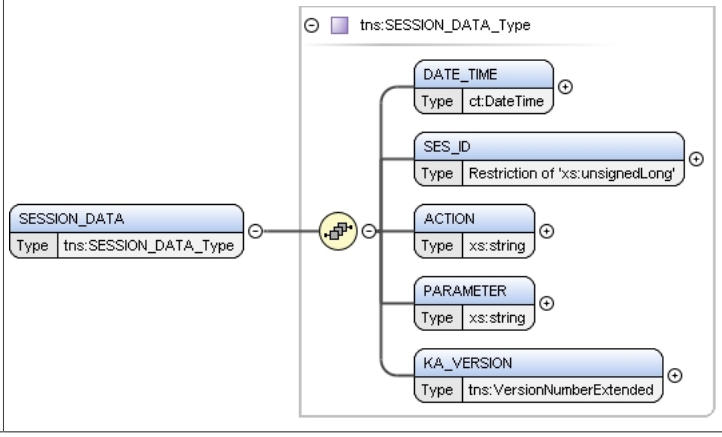
Element tns:TXAGBKEY_Type / tns:SAM_DATA

Namespace	http://vdv/ka/pe/2
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	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBKEY_Type / tns:STATUS_DATA

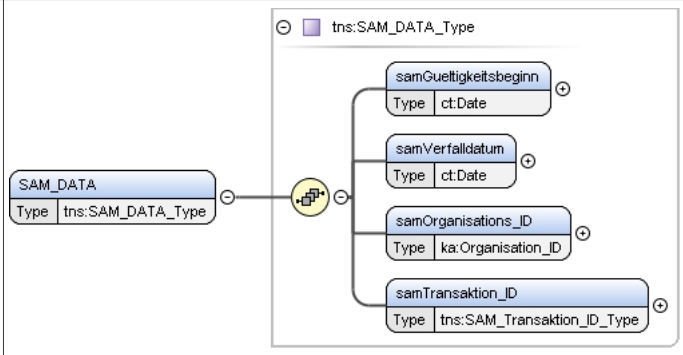
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEY_Type / tns:SESSION_DATA

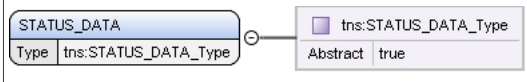
Namespace	http://vdv/ka/pe/2
Diagram	

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEY_Type / tns:SAM_DATA

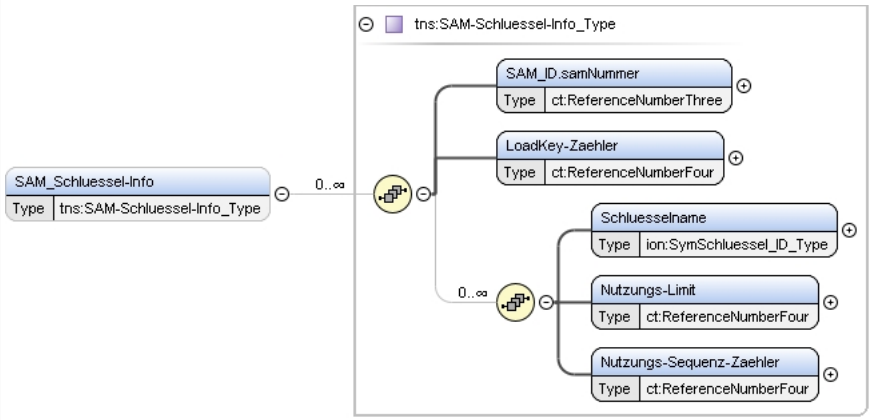
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn> <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum> <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID> <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID> </tns:SAM_DATA>
Source	<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEY_Type / tns:SAM_Schluessel-Info

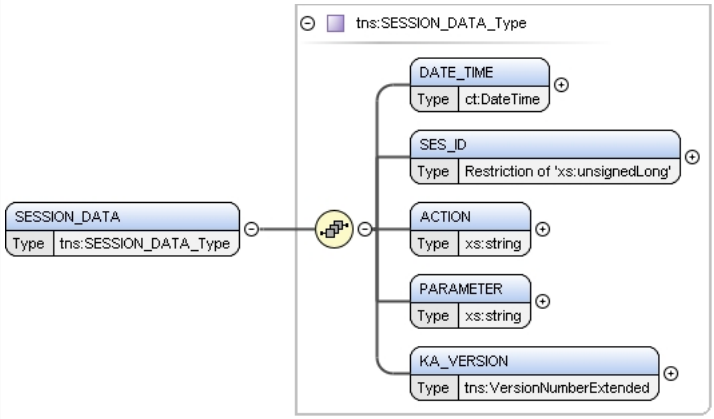
Namespace	http://vdv/ka/pe/2

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	`<tns:SAM_Schluessel-Info xmlns:tns="http://vdv/ka/pe/2">`
	`<tns:SAM_ID.samNummer>{1,1}</tns:SAM_ID.samNummer>`
	`<tns:LoadKey-Zaehler>{1,1}</tns:LoadKey-Zaehler>`
	`<tns:Schluesselname>{1,1}</tns:Schluesselname>`
	`<tns:Nutzungs-Limit>{1,1}</tns:Nutzungs-Limit>`
	`<tns:Nutzungs-Sequenz-Zaehler>{1,1}</tns:Nutzungs-Sequenz-Zaehler>`
	`</tns:SAM_Schluessel-Info>`

Source	`<xs:element name="SAM_Schluessel-Info" type="tns:SAM-Schluessel-Info_Type" minOccurs="0"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAUFTRAG_Type / tns:SESSION_DATA

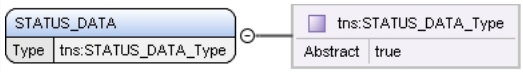
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID

Instance	`<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`<tns:DATE_TIME>{1,1}</tns:DATE_TIME>`
	`<tns:SES_ID>{1,1}</tns:SES_ID>`
	`<tns:ACTION>{1,1}</tns:ACTION>`
	`<tns:PARAMETER>{1,1}</tns:PARAMETER>`
	`<tns:KA_VERSION>{1,1}</tns:KA_VERSION>`
	`</tns:SESSION_DATA>`

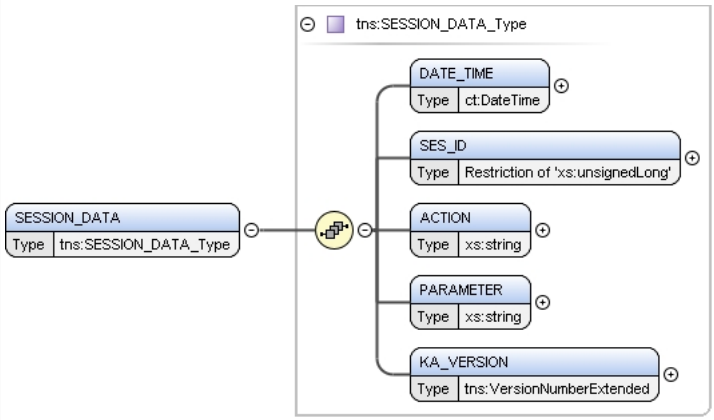
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

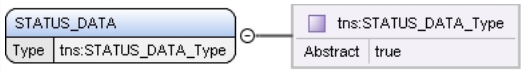
Element tns:TXAUFTRAG_Type / tns:STATUS_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

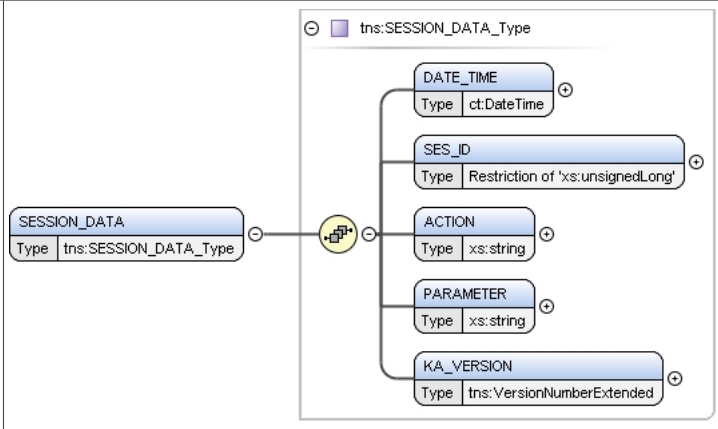
Element tns:TXANSCHR_Type / tns:SESSION_DATA

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

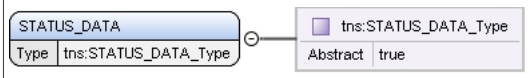
Element tns:TXANSCHR_Type / tns:STATUS_DATA

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

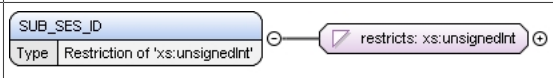
Element tns:TXANTWORT_Type / tns:SESSION_DATA

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	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

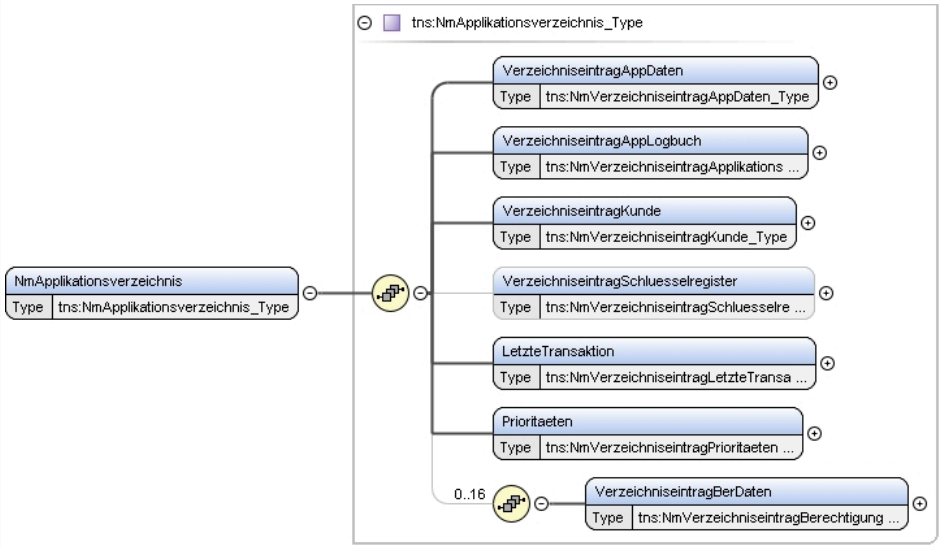
Element tns:TXANTWORT_Type / tns:SUB_SES_ID

Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of xs:unsignedInt
Properties	content: simple
Facets	maxInclusive 999999 minInclusive 0
Source	<xs:element name="SUB_SES_ID"> <xs:simpleType> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> </xs:restriction>

```
  </xs:simpleType>
</xs:element>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

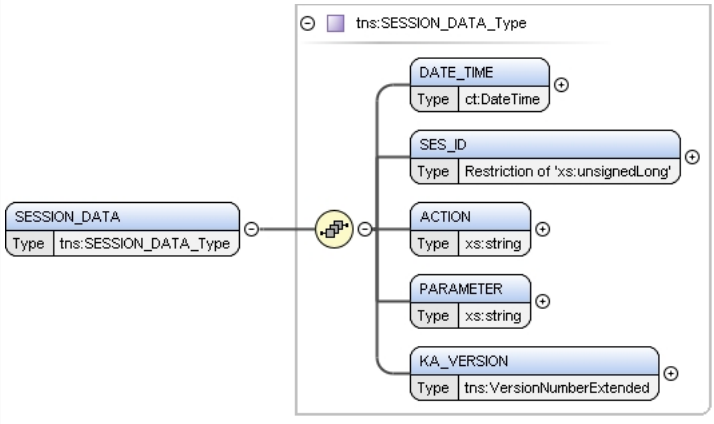
Element tns:TXANTWORT_Type / tns:NmApplikationsverzeichnis

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><tns:NmApplikationsverzeichnis xmlns:tns="http://vdv/ka/pe/2">
	  <tns:VerzeichniseintragAppDaten>{1,1}</tns:VerzeichniseintragAppDaten>
	  <tns:VerzeichniseintragAppLogbuch>{1,1}</tns:VerzeichniseintragAppLogbuch>
	  <tns:VerzeichniseintragKunde>{1,1}</tns:VerzeichniseintragKunde>
	  <tns:VerzeichniseintragSchluesselregister>{0,1}</tns:VerzeichniseintragSchluesselregister>
	  <tns:LetzteTransaktion>{1,1}</tns:LetzteTransaktion>
	  <tns:Prioritaeten>{1,1}</tns:Prioritaeten>
	  <tns:VerzeichniseintragBerDaten>{1,1}</tns:VerzeichniseintragBerDaten>
	</tns:NmApplikationsverzeichnis></pre>

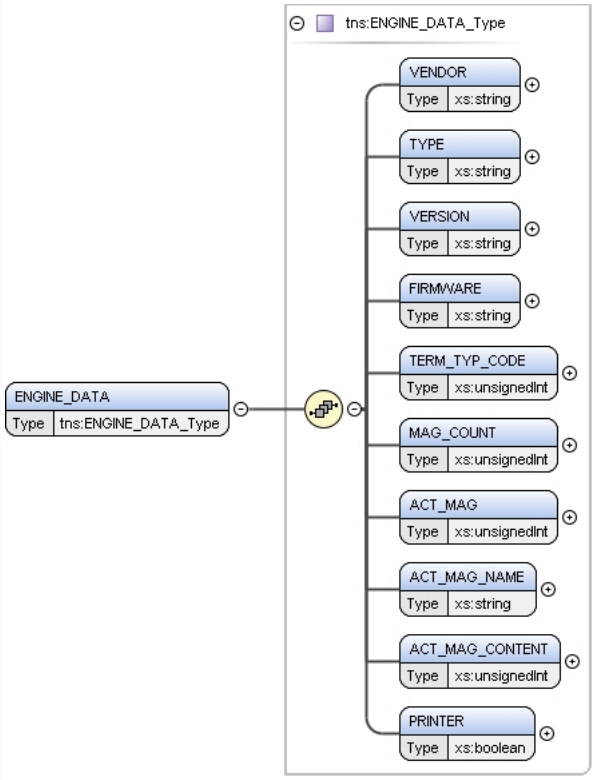
Source	<pre><xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:ERROR_Type / tns:SESSION_DATA

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

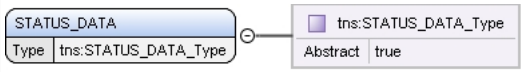
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:DATE_TIME>{1,1}</tns:DATE_TIME> <tns:SES_ID>{1,1}</tns:SES_ID> <tns:ACTION>{1,1}</tns:ACTION> <tns:PARAMETER>{1,1}</tns:PARAMETER> <tns:KA_VERSION>{1,1}</tns:KA_VERSION> </tns:SESSION_DATA>
Source	<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:ERROR_Type / tns:ENGINE_DATA

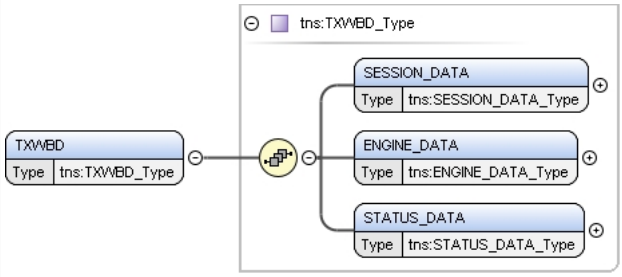
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ENGINE_DATA_Type
Properties	content: complex
Model	tns:VENDOR , tns:TYPE , tns:VERSION , tns:FIRMWARE , tns:TERM_TYP_CODE , tns:MAG_COUNT , tns:ACT_MAG , tns:ACT_MAG_NAME , tns:ACT_MAG_CONTENT , tns:PRINTER
Children	tns:ACT_MAG, tns:ACT_MAG_CONTENT, tns:ACT_MAG_NAME, tns:FIRMWARE, tns:MAG_COUNT, tns:PRINTER, tns:TERM_TYP_CODE, tns:TYPE, tns:VENDOR, tns:VERSION
Instance	<tns:ENGINE_DATA xmlns:tns="http://vdv/ka/pe/2"> <tns:VENDOR>{1,1}</tns:VENDOR> <tns:TYPE>{1,1}</tns:TYPE> <tns:VERSION>{1,1}</tns:VERSION> <tns:FIRMWARE>{1,1}</tns:FIRMWARE> <tns:TERM_TYP_CODE>{1,1}</tns:TERM_TYP_CODE> <tns:MAG_COUNT>{1,1}</tns:MAG_COUNT> <tns:ACT_MAG>{1,1}</tns:ACT_MAG> <tns:ACT_MAG_NAME>{1,1}</tns:ACT_MAG_NAME> <tns:ACT_MAG_CONTENT>{1,1}</tns:ACT_MAG_CONTENT> <tns:PRINTER>{1,1}</tns:PRINTER> </tns:ENGINE_DATA>
Source	<xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/>

Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWBD

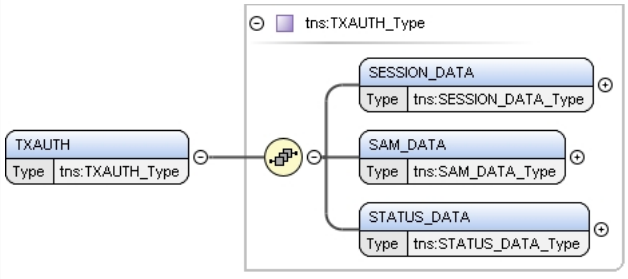
Namespace	http://vdv/ka/pe/2
Annotations	Element: Wer bist Du (Abfrage von Informationen)
Diagram	
Type	tns:TXWBD_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Instance	`<tns:TXWBD xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:ENGINE_DATA>{1,1}</tns:ENGINE_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`</tns:TXWBD>`

Source	`<xs:element name="TXWBD" type="tns:TXWBD_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Wer bist Du (Abfrage von Informationen)</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

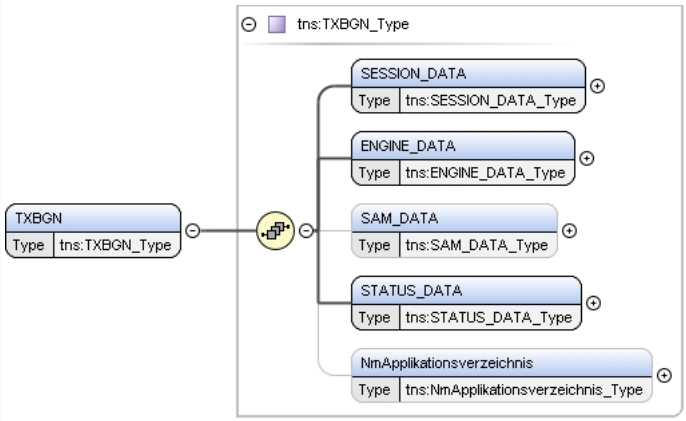
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAUTH

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

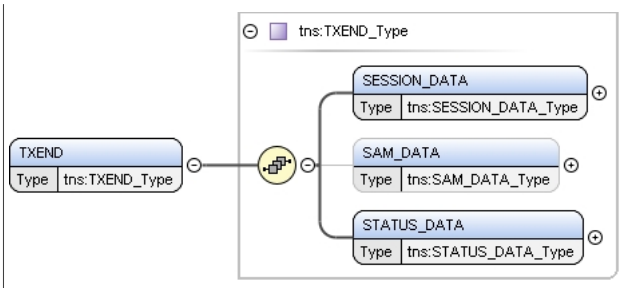
Type	tns:TXAUTH_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAUTH xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXAUTH>
Source	<xs:element name="TXAUTH" type="tns:TXAUTH_Type"> <xs:annotation> <xs:documentation>Element: Authentisierung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:TXBGN xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:ENGINE_DATA>{1,1}</tns:ENGINE_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <tns:NmApplikationsverzeichnis>{0,1}</tns:NmApplikationsverzeichnis> </tns:TXBGN>
Source	<xs:element name="TXBGN" type="tns:TXBGN_Type"> <xs:annotation> <xs:documentation>Element: Beginn einer Session</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

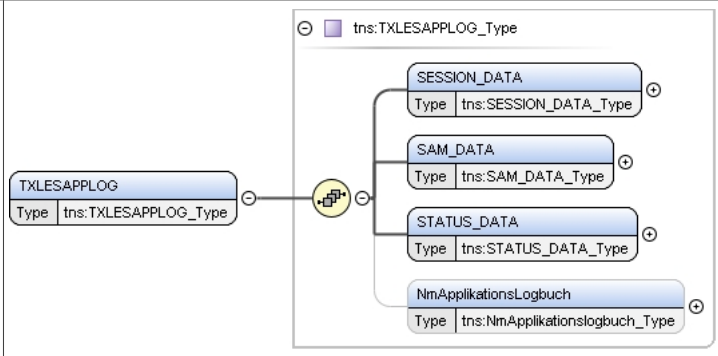
Diagram	
Type	tns:TXEND_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Instance	`<tns:TXEND xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{0,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`</tns:TXEND>`

Source	`<xs:element name="TXEND" type="tns:TXEND_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element:Ende einer Session</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESAPPLOG

Namespace	http://vdv/ka/pe/2
Annotations	Element:Applikationslogbuch lesen
Diagram	
Type	tns:TXLESAPPLOG_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

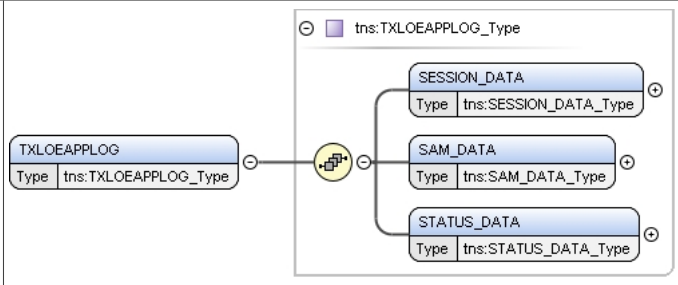
Instance	`<tns:TXLESAPPLOG xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{1,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`  <tns:NmApplikationsLogbuch>{0,1}</tns:NmApplikationsLogbuch>`
	`</tns:TXLESAPPLOG>`

Source	`<xs:element name="TXLESAPPLOG" type="tns:TXLESAPPLOG_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element:Applikationslogbuch lesen</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

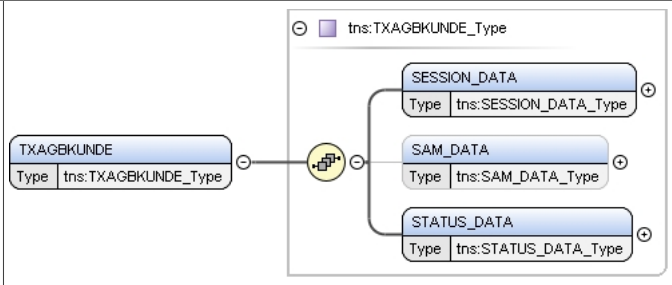
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEAPPLOG

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

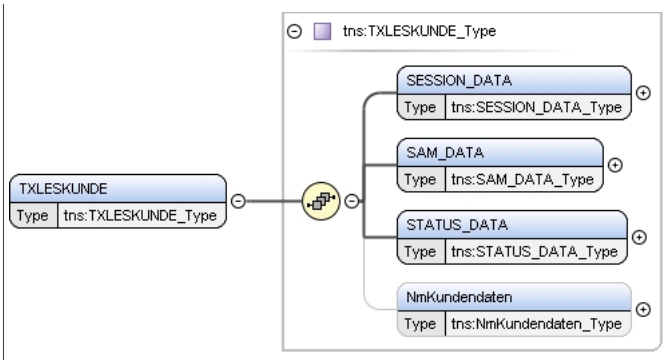
Annotations	Element:Applikationslogbuch loeschen
Diagram	
Type	tns:TXLOEAPPLOG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXLOEAPPLOG xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXLOEAPPLOG>
Source	<xs:element name="TXLOEAPPLOG" type="tns:TXLOEAPPLOG_Type"> <xs:annotation> <xs:documentation>Element:Applikationslogbuch loeschen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:TXAGBKUNDE xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXAGBKUNDE>
Source	<xs:element name="TXAGBKUNDE" type="tns:TXAGBKUNDE_Type"> <xs:annotation> <xs:documentation>Element:Kundendaten ausgeben</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

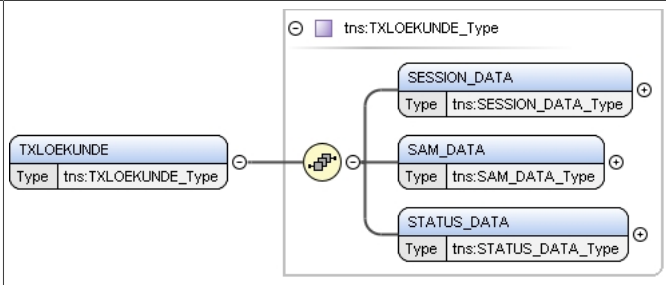
Diagram	
Type	tns:TXLESKUNDE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmKundendaten{0,1}
Children	tns:NmKundendaten, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Instance	`<tns:TXLESKUNDE xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{1,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`  <tns:NmKundendaten>{0,1}</tns:NmKundendaten>`
	`</tns:TXLESKUNDE>`

Source	`<xs:element name="TXLESKUNDE" type="tns:TXLESKUNDE_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element:Kundendaten lesen</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/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

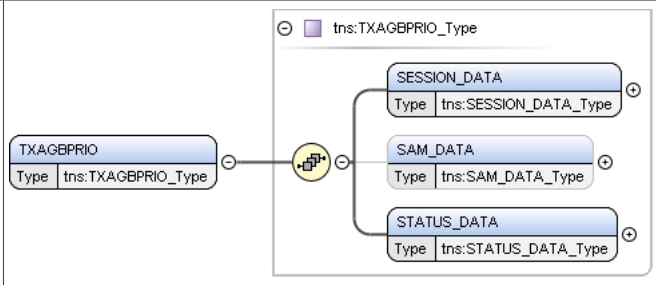
Instance	`<tns:TXLOEKUNDE xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{1,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`</tns:TXLOEKUNDE>`

Source	`<xs:element name="TXLOEKUNDE" type="tns:TXLOEKUNDE_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element:Kundendaten loeschen</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

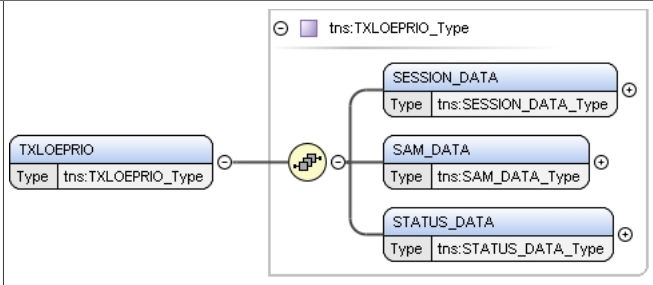
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBPRIO

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

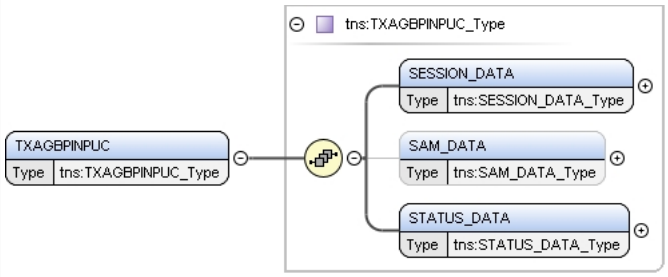
Annotations	Element:Prioritaeten setzen
Diagram	
Type	tns:TXAGBPRIO_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAGBPRIO xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXAGBPRIO>
Source	<xs:element name="TXAGBPRIO" type="tns:TXAGBPRIO_Type"> <xs:annotation> <xs:documentation>Element:Prioritaeten setzen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEPRIO

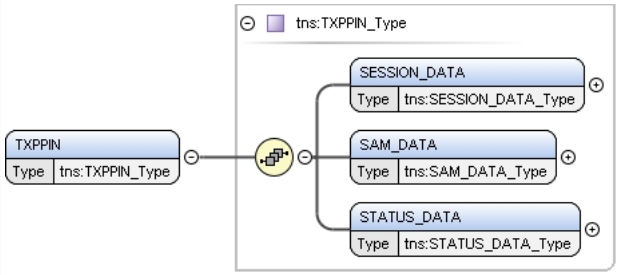
Namespace	http://vdv/ka/pe/2
Annotations	Element:Prioritaeten loeschen
Diagram	
Type	tns:TXLOEPRIO_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXLOEPRIO xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXLOEPRIO>
Source	<xs:element name="TXLOEPRIO" type="tns:TXLOEPRIO_Type"> <xs:annotation> <xs:documentation>Element:Prioritaeten loeschen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

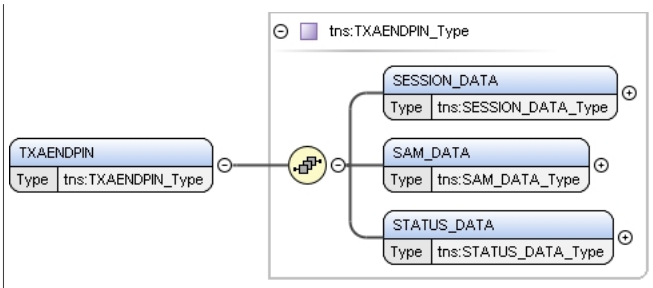
Diagram	
Type	tns:TXAGBPINPUC_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAGBPINPUC xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXAGBPINPUC>
Source	<xs:element name="TXAGBPINPUC" type="tns:TXAGBPINPUC_Type"> <xs:annotation> <xs:documentation>Element: PIN/PUC initialisieren</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXPPIN

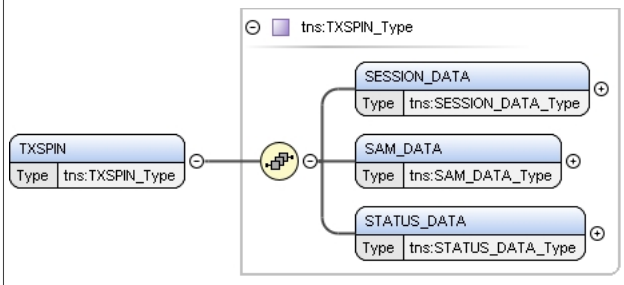
Namespace	http://vdv/ka/pe/2
Annotations	Element: PIN pruefen
Diagram	
Type	tns:TXPPIN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXPPIN xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXPPIN>
Source	<xs:element name="TXPPIN" type="tns:TXPPIN_Type"> <xs:annotation> <xs:documentation>Element: PIN pruefen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

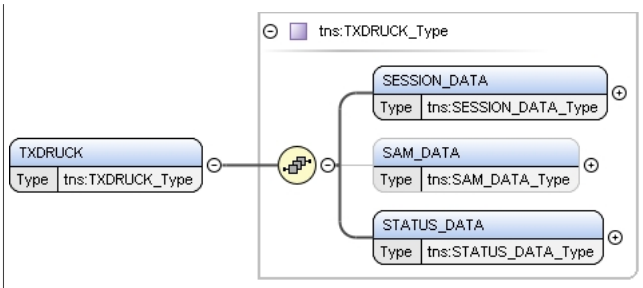
Diagram	
Type	tns:TXAENDPIN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAENDPIN xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXAENDPIN>
Source	<xs:element name="TXAENDPIN" type="tns:TXAENDPIN_Type"> <xs:annotation> <xs:documentation>Element: PIN aendern</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:TXSPIN xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXSPIN>
Source	<xs:element name="TXSPIN" type="tns:TXSPIN_Type"> <xs:annotation> <xs:documentation>Element: PIN entsperren</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

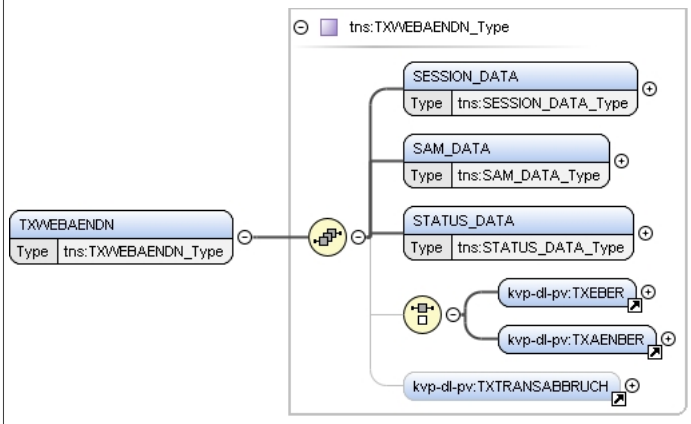
Diagram	
Type	tns:TXDRUCK_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Instance	`<tns:TXDRUCK xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{0,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`</tns:TXDRUCK>`

Source	`<xs:element name="TXDRUCK" type="tns:TXDRUCK_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Nutzermedium bedrucken</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBAENDN

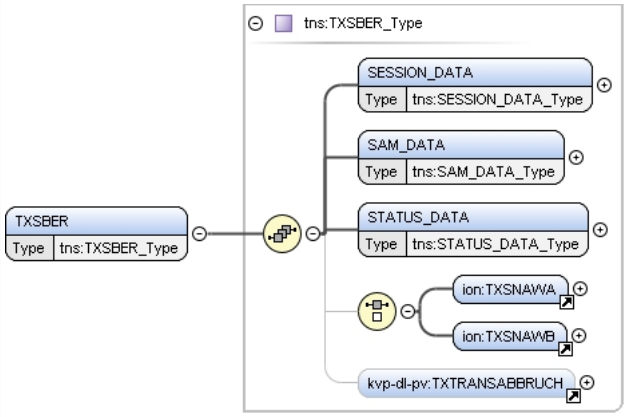
Namespace	http://vdv/ka/pe/2
Annotations	Element: WEB aufbuchen/NTP aendern
Diagram	
Type	tns:TXWEBAENDN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXEBER | tns:TXAENBER) , tns:TXTRANSAB-BRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAENBER, tns:TXEBER, tns:TXTRANSABBRUCH

Instance	`<tns:TXWEBAENDN xmlns:tns="http://vdv/ka/pe/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{1,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`  <kvp-dl-pv:TXEBER>{1,1}</kvp-dl-pv:TXEBER>`
	`  <kvp-dl-pv:TXAENBER>{1,1}</kvp-dl-pv:TXAENBER>`
	`  <kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH>`
	`</tns:TXWEBAENDN>`

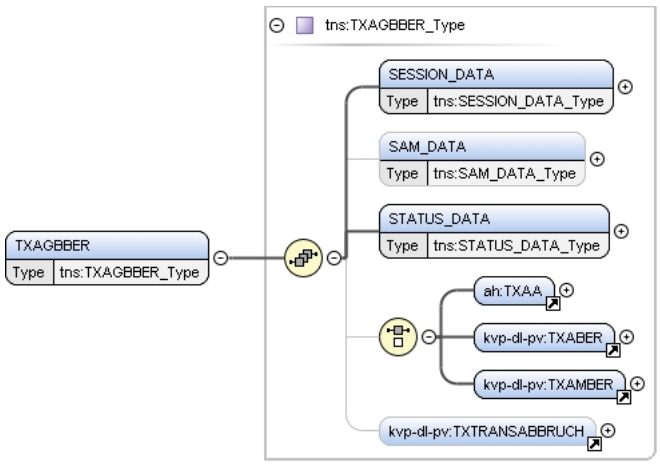
Source	`<xs:element name="TXWEBAENDN" type="tns:TXWEBAENDN_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: WEB aufbuchen/NTP aendern</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXSBER

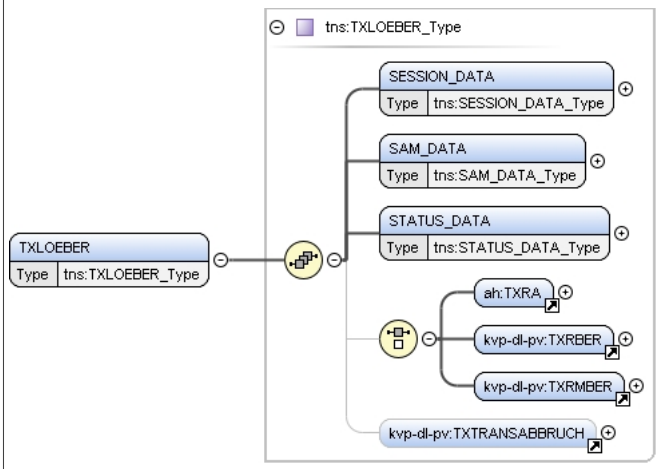
Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung sperren/entsperren
Diagram	
Type	tns:TXSBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXSNAWA | tns:TXSNAWB) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXSNAWA, tns:TXSNAWB, tns:TXTRANSABBRUCH
Instance	<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"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <ion:TXSNAWA>{1,1}</ion:TXSNAWA> <ion:TXSNAWB>{1,1}</ion:TXSNAWB> <kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH> </tns:TXSBER>
Source	<xs:element name="TXSBER" type="tns:TXSBER_Type"> <xs:annotation> <xs:documentation>Element: Berechtigung sperren/entsperren</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBBER

Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung ausgeben
Diagram	

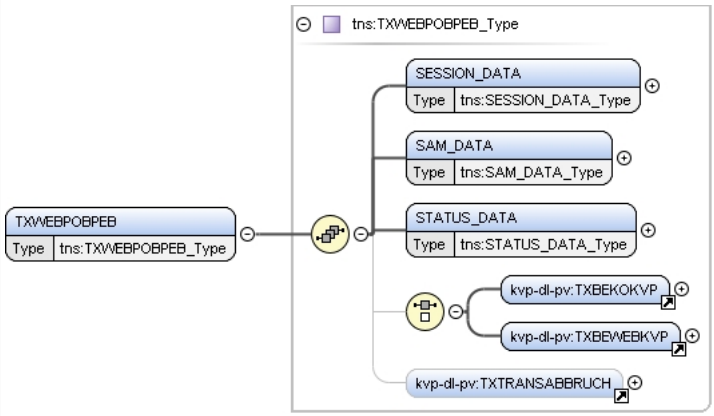
Type	tns:TXAGBBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , (ah:TXAA | tns:TXABER | tns:TXAMBER) , tns:TX-TRANSABBRUCH{0,1}
Children	ah:TXAA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXABER, tns:TXAMBER, tns:TXTRANSAB-BRUCH
Instance	<tns:TXAGBBER 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"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <ah:TXAA>{1,1}</ah:TXAA> <kvp-dl-pv:TXABER>{1,1}</kvp-dl-pv:TXABER> <kvp-dl-pv:TXAMBER>{1,1}</kvp-dl-pv:TXAMBER> <kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH> </tns:TXAGBBER>
Source	<xs:element name="TXAGBBER" type="tns:TXAGBBER_Type"> <xs:annotation> <xs:documentation>Element: Berechtigung ausgeben</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEBER

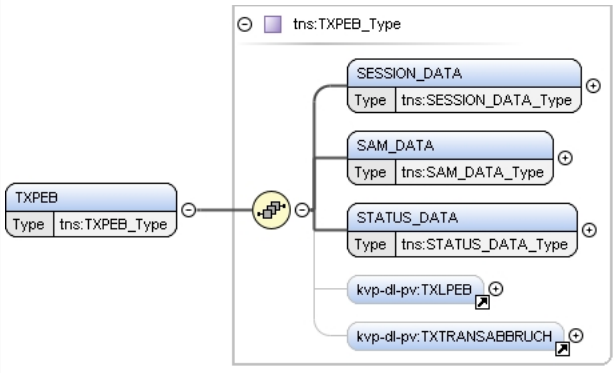
Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung zuruecknehmen
Diagram	
Type	tns:TXLOEBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXRA | tns:TXRBER | tns:TXRMBER) , tns:TXTRANSAB-BRUCH{0,1}
Children	ah:TXRA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXRBER, tns:TXRMBER, tns:TXTRANSAB-BRUCH
Instance	<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"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <ah:TXRA>{1,1}</ah:TXRA> <kvp-dl-pv:TXRBER>{1,1}</kvp-dl-pv:TXRBER> <kvp-dl-pv:TXRMBER>{1,1}</kvp-dl-pv:TXRMBER> <kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH> </tns:TXLOEBER>
Source	<xs:element name="TXLOEBER" type="tns:TXLOEBER_Type"> <xs:annotation> <xs:documentation>Element: Berechtigung zuruecknehmen</xs:documentation> </xs:annotation> </xs:element>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBPOBPEB

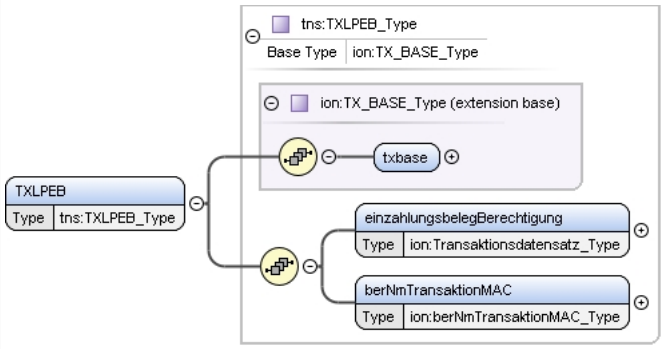
Namespace	http://vdv/ka/pe/2
Annotations	Element: WEB/POB/PEB-Konto aufbuchen/abbuchen. Deprecated: Bitte TXBEWEB und TXBEPOBPEB aus der Erweiterung 1.7.0 verwenden. Dieses Element wird mit KA Release 3.0 entfernt.
Diagram	
Type	tns:TXWEBPOBPEB_Type
Properties	content: complex
Model	tns:SESSION_DATA , 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	<tns:TXWEBPOBPEB xmlns:tns="http://vdv/ka/pe/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <kvp-dl-pv:TXBEKOKVP>{1,1}</kvp-dl-pv:TXBEKOKVP> <kvp-dl-pv:TXBEWEBKVP>{1,1}</kvp-dl-pv:TXBEWEBKVP> <kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH> </tns:TXWEBPOBPEB>
Source	<xs:element name="TXWEBPOBPEB" type="tns:TXWEBPOBPEB_Type"> <xs:annotation> <xs:documentation>Element: WEB/POB/PEB-Konto aufbuchen/abbuchen. Deprecated: Bitte TXBEWEB und TXBEPOBPEB aus der Erweiterung 1.7.0 verwenden. Dieses Element wird mit KA Release 3.0 entfernt.</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	

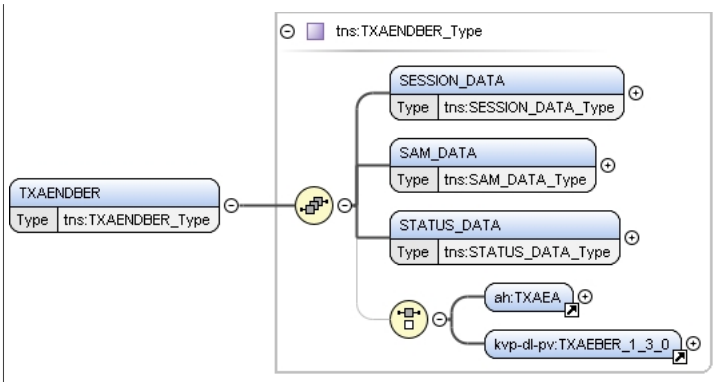
Type	tns:TXPEB_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXLPEB{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXLPEB, tns:TXTRANSABBRUCH
Instance	<tns:TXPEB xmlns:tns="http://vdv/ka/pe/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <kvp-dl-pv:TXLPEB>{0,1}</kvp-dl-pv:TXLPEB> <kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH> </tns:TXPEB>
Source	<xs:element name="TXPEB" type="tns:TXPEB_Type"> <xs:annotation> <xs:documentation>Element: PEB-Konto aufladen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXLPEB_Type
Properties	content: complex
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase
Instance	<tns:TXLPEB xmlns:tns="http://vdv/ka/pe/2"> <txbase>{1,1}</txbase> <tns:einzahlungsbelegBerechtigung>{1,1}</tns:einzahlungsbelegBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXLPEB>
Source	<xs:element name="TXLPEB" type="tns:TXLPEB_Type"> <xs:annotation> <xs:documentation>Element: Laden eines PEB-Kontos, Antwortstruktur</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

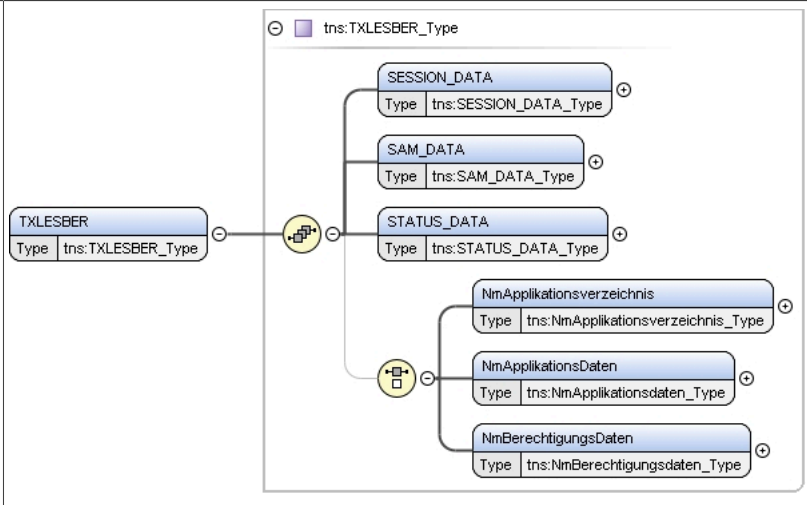
Diagram	
Type	tns:TXAENDBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXAEA | tns:TXAEBER_1_3_0)
Children	ah:TXAEA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAEBER_1_3_0

Instance	`<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">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{1,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`  <ah:TXAEA>{1,1}</ah:TXAEA>`
	`  <kvp-dl-pv:TXAEBER_1_3_0>{1,1}</kvp-dl-pv:TXAEBER_1_3_0>`
	`</tns:TXAENDBER>`

Source	`<xs:element name="TXAENDBER" type="tns:TXAENDBER_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Berechtigung aendern</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

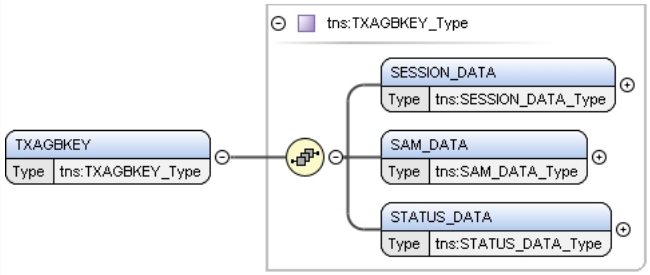
Element tns:TXLESBER

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

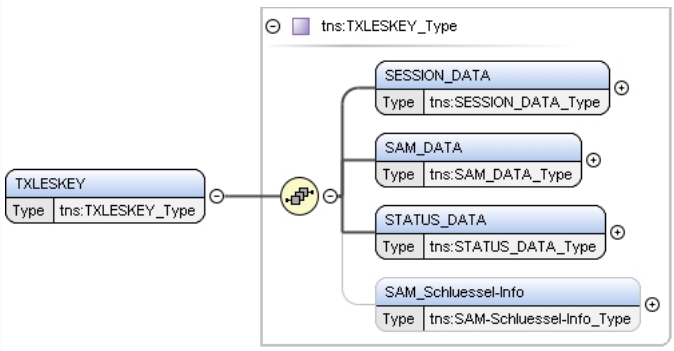
Instance	`<tns:TXLESBER xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{1,1}</tns:SAM_DATA>`

	<tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <tns:NmApplikationsverzeichnis>{1,1}</tns:NmApplikationsverzeichnis> <tns:NmApplikationsDaten>{1,1}</tns:NmApplikationsDaten> <tns:NmBerechtigungsDaten>{1,1}</tns:NmBerechtigungsDaten> </tns:TXLESBER>
Source	<xs:element name="TXLESBER" type="tns:TXLESBER_Type"> <xs:annotation> <xs:documentation>Element: Berechtigung auslesen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBKEY

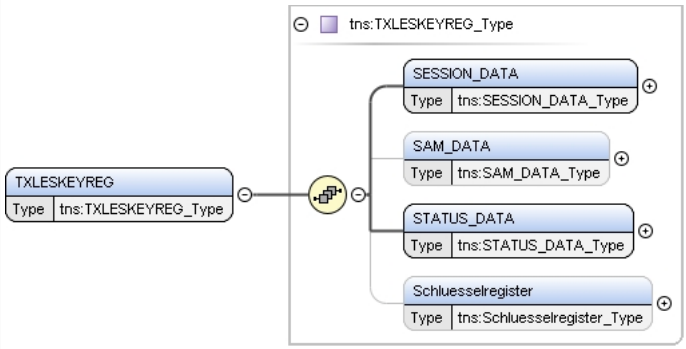
Namespace	http://vdv/ka/pe/2
Annotations	Element: LoadKey ausfuehren
Diagram	
Type	tns:TXAGBKEY_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAGBKEY xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXAGBKEY>
Source	<xs:element name="TXAGBKEY" type="tns:TXAGBKEY_Type"> <xs:annotation> <xs:documentation>Element: LoadKey ausfuehren</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEY

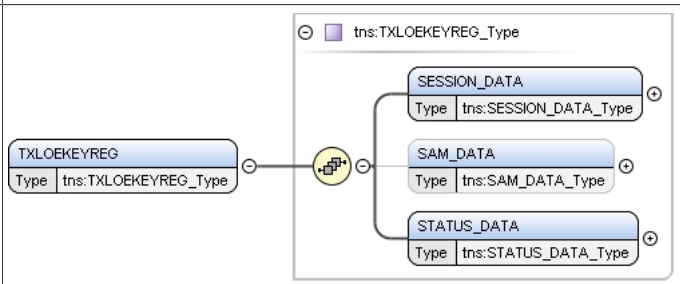
Namespace	http://vdv/ka/pe/2
Annotations	Element: LoadKey-Zaehler auslesen
Diagram	
Type	tns:TXLESKEY_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:SAM_Schluessel-Info{0,1}

Children	tns:SAM_DATA, tns:SAM_Schluessel-Info, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXLESKEY xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{1,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <tns:SAM_Schluessel-Info>{0,1}</tns:SAM_Schluessel-Info> </tns:TXLESKEY>
Source	<xs:element name="TXLESKEY" type="tns:TXLESKEY_Type"> <xs:annotation> <xs:documentation>Element: LoadKey-Zaehler auslesen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEYREG

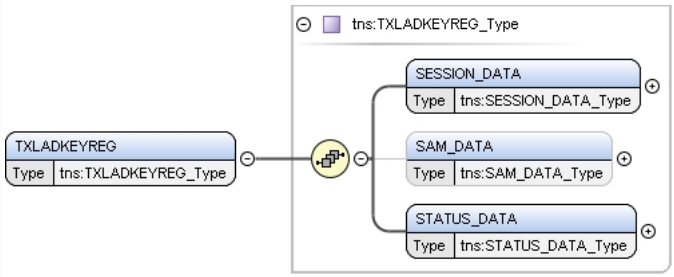
Namespace	http://vdv/ka/pe/2
Annotations	Element: Schluesselregister auslesen
Diagram	
Type	tns:TXLESKEYREG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:Schluesselregister{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:Schluesselregister
Instance	<tns:TXLESKEYREG xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <tns:Schluesselregister>{0,1}</tns:Schluesselregister> </tns:TXLESKEYREG>
Source	<xs:element name="TXLESKEYREG" type="tns:TXLESKEYREG_Type"> <xs:annotation> <xs:documentation>Element: Schluesselregister auslesen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEKEYREG

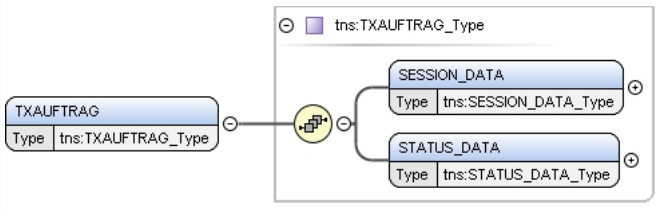
Namespace	http://vdv/ka/pe/2
Annotations	Element: Schluessel oder Schlüsselregister löschen
Diagram	
Type	tns:TXLOEKEYREG_Type

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	<tns:TXLOEKEYREG xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXLOEKEYREG>
Source	<xs:element name="TXLOEKEYREG" type="tns:TXLOEKEYREG_Type"> <xs:annotation> <xs:documentation>Element: Schluessel oder Schlüsselregister löschen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLADKEYREG

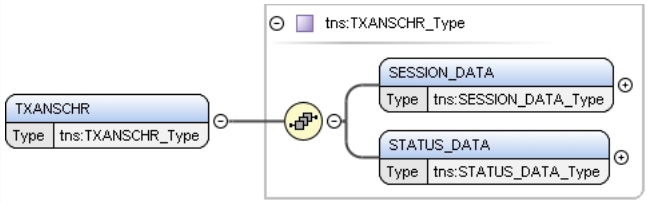
Namespace	http://vdv/ka/pe/2
Annotations	Element: Schluessel in Schlüsselregister laden
Diagram	
Type	tns:TXLADKEYREG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXLADKEYREG xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:SAM_DATA>{0,1}</tns:SAM_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXLADKEYREG>
Source	<xs:element name="TXLADKEYREG" type="tns:TXLADKEYREG_Type"> <xs:annotation> <xs:documentation>Element: Schluessel in Schlüsselregister laden</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAUFTRAG

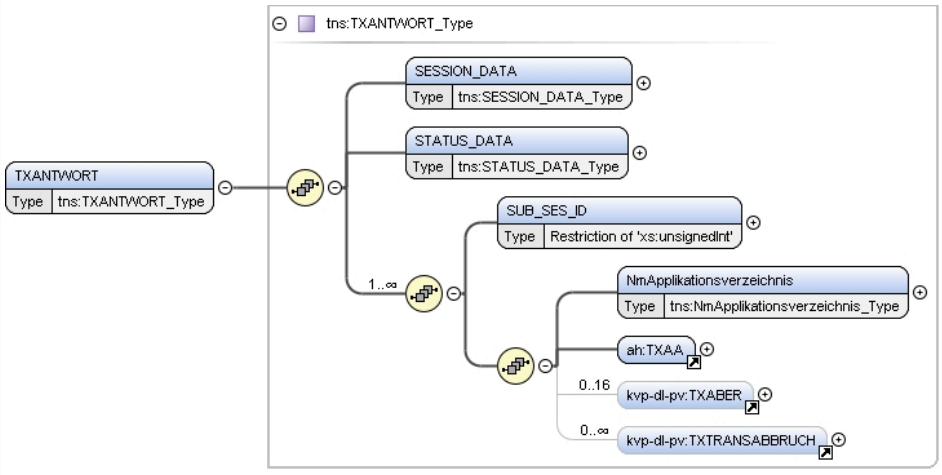
Namespace	http://vdv/ka/pe/2
Annotations	Element: Auftragsdaten uebermitteln
Diagram	
Type	tns:TXAUFTRAG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:STATUS_DATA

Children	tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAUFTRAG xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXAUFTRAG>
Source	<xs:element name="TXAUFTRAG" type="tns:TXAUFTRAG_Type"> <xs:annotation> <xs:documentation>Element: Auftragsdaten uebermitteln</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXANSCHR

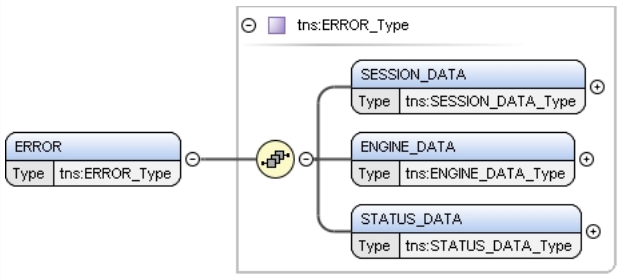
Namespace	http://vdv/ka/pe/2
Annotations	Element: Anschreibendaten uebermitteln
Diagram	
Type	tns:TXANSCHR_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:STATUS_DATA
Children	tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXANSCHR xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:TXANSCHR>
Source	<xs:element name="TXANSCHR" type="tns:TXANSCHR_Type"> <xs:annotation> <xs:documentation>Element: Anschreibendaten uebermitteln</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

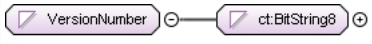
Model	tns:SESSION_DATA , tns:STATUS_DATA , tns:SUB_SES_ID , tns:NmApplikationsverzeichnis , ah:TXAA , tns:TXABER{0,16} , tns:TXTRANSABBRUCH*
Children	ah:TXAA, tns:NmApplikationsverzeichnis, tns:SESSION_DATA, tns:STATUS_DATA, tns:SUB_SES_ID, tns:TXABER, tns:TX-TRANSABBRUCH
Instance	<tns:TXANTWORT xmlns:tns="http://vdv/ka/pe/2" xmlns:ah="http://vdv/ka/ah/2" xmlns:kvp-dl-pv="http://vdv/ka/kvp-dl-pv/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> <tns:SUB_SES_ID>{1,1}</tns:SUB_SES_ID> <tns:NmApplikationsverzeichnis>{1,1}</tns:NmApplikationsverzeichnis> <ah:TXAA>{1,1}</ah:TXAA> <kvp-dl-pv:TXABER>{0,16}</kvp-dl-pv:TXABER> <kvp-dl-pv:TXTRANSABBRUCH>{0,unbounded}</kvp-dl-pv:TXTRANSABBRUCH> </tns:TXANTWORT>
Source	<xs:element name="TXANTWORT" type="tns:TXANTWORT_Type"> <xs:annotation> <xs:documentation>Element: Antwortdaten abfragen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:ERROR xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA> <tns:ENGINE_DATA>{1,1}</tns:ENGINE_DATA> <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA> </tns:ERROR>
Source	<xs:element name="ERROR" type="tns:ERROR_Type"> <xs:annotation> <xs:documentation>Element: Fehlermeldung mit Struktur</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Simple Type(s)

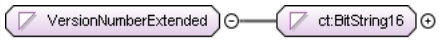
Simple Type `tns:VersionNumber`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:BitString8

Type hierarchy	• xs:string
	  • tns:BitString8
	  • tns:VersionNumber

Facets	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	<xs:simpleType name="VersionNumber"> <xs:restriction base="ct:BitString8"/> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:string • tns:BitString16 • tns:VersionNumberExtended
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] [0-1]
Used by	Elements: tns:NmVerzeichniseintragSchluesselregister_Type/tns:NM-Spezifikationsversion, tns:SESSION_DATA_Type/tns:KA_VERSION
Source	<xs:simpleType name="VersionNumberExtended"> <xs:restriction base="ct:BitString16"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_OK_Type
Facets	maxInclusive: 255 minInclusive: 0 enumeration: 0
Used by	Element: tns:STATUS_DATA_OK_Type/tns:STATUS_CODE
Source	<xs:simpleType name="STATUS_CODE_OK_Type"> <xs:annotation> <xs:documentation>Kein Fehler aufgetreten</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:simpleType name="STATUS_SUBCODE_OK_Type"> <xs:annotation> <xs:documentation>Subcodes fuer den Statuscode 0</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="4" fixed="true"/> <xs:pattern value="[0-9][0-9][0-9][0-9]"/> <xs:enumeration value="0000"> <xs:annotation> <xs:documentation>Kein Fehler aufgetreten</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_SessionError_Type
Facets	maxInclusive 255 minInclusive 0 enumeration 1
Used by	Element tns:STATUS_DATA_SessionError_Type/tns:STATUS_CODE
Source	<xs:simpleType name="STATUS_CODE_SessionError_Type"> <xs:annotation> <xs:documentation>Session Error</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	

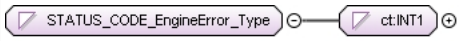
Source

```
<xs:simpleType name="STATUS_SUBCODE_SessionError_Type">
  <xs:annotation>
    <xs:documentation>Subcodes fuer den Statuscode 1</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:length value="4" fixed="true"/>
    <xs:pattern value="[0-9][0-9][0-9][0-9]"/>
    <xs:enumeration value="0000">
      <xs:annotation>
        <xs:documentation>Sonstiges</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0001">
      <xs:annotation>
        <xs:documentation>nicht authentifiziert</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0002">
      <xs:annotation>
        <xs:documentation>Benutzer/Kennwort-Kombination unbekannt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0003">
      <xs:annotation>
        <xs:documentation>Unbekannte Transaktion</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0004">
      <xs:annotation>
        <xs:documentation>Parameterfehler</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0005">
      <xs:annotation>
        <xs:documentation>Falsche Transaktionsreihenfolge</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0006">
      <xs:annotation>
        <xs:documentation>Session besetzt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0007">
      <xs:annotation>
        <xs:documentation>Timeout</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0008">
      <xs:annotation>
        <xs:documentation>Transaktion nicht unterstuetzt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

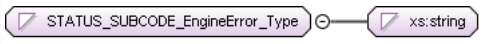
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Simple Type `tns:STATUS_CODE_EngineError_Type`

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

Annotations	Engine Error
Diagram	
Type	restriction of tns:INT1
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_EngineError_Type
Facets	maxInclusive: 255 minInclusive: 0 enumeration: 2
Used by	Element tns:STATUS_DATA_EngineError_Type/tns:STATUS_CODE
Source	<xs:simpleType name="STATUS_CODE_EngineError_Type"> <xs:annotation> <xs:documentation>Engine Error</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	
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	<xs:simpleType name="STATUS_SUBCODE_EngineError_Type"> <xs:annotation> <xs:documentation>Subcodes fuer den Statuscode 2</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="4" fixed="true"/> <xs:pattern value="[0-9][0-9][0-9][0-9]"/> <xs:enumeration value="0000"> <xs:annotation> <xs:documentation>Sonstiges</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0001"> <xs:annotation> <xs:documentation>nicht autorisiert</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0002"> <xs:annotation> <xs:documentation>nicht bereit</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0003">

```
      <xs:annotation>
        <xs:documentation>Magazinfehler oder nicht bereit</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0004">
      <xs:annotation>
        <xs:documentation>SAM nicht vorhanden oder nicht bereit</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0005">
      <xs:annotation>
        <xs:documentation>Nicht gegenueber SAM authentifiziert</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0006">
      <xs:annotation>
        <xs:documentation>Alle SAMs ausgelastet</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

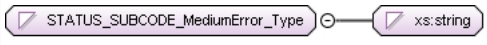
Simple Type `tns:STATUS_CODE_MediumError_Type`

Namespace	http://vdv/ka/pe/2
Annotations	Medium Error
Diagram	
Type	restriction of tns:INT1

Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:STATUS_CODE_MediumError_Type

Facets	maxInclusive: 255 minInclusive: 0 enumeration: 3
Used by	Element: tns:STATUS_DATA_MediumError_Type/tns:STATUS_CODE
Source	<xs:simpleType name="STATUS_CODE_MediumError_Type"> <xs:annotation> <xs:documentation>Medium Error</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="3"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Simple Type `tns:STATUS_SUBCODE_MediumError_Type`

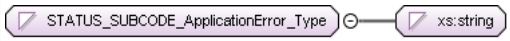
Namespace	http://vdv/ka/pe/2
Annotations	Subcodes fuer den Statuscode 3
Diagram	
Type	restriction of xs:string
Facets	length: 4 enumeration: 0000 — Sonstiges enumeration: 0001 — nicht autorisiert enumeration: 0002 — Medium nicht lesbar enumeration: 0003 — Keine Applikation auf dem Medium enumeration: 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	<xs:simpleType name="STATUS_SUBCODE_MediumError_Type"> <xs:annotation> <xs:documentation>Subcodes fuer den Statuscode 3</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="4" fixed="true"/> <xs:pattern value="[0-9][0-9][0-9][0-9]"/> <xs:enumeration value="0000"> <xs:annotation> <xs:documentation>Sonstiges</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0001"> <xs:annotation> <xs:documentation>nicht autorisiert</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0002"> <xs:annotation> <xs:documentation>Medium nicht lesbar</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0003"> <xs:annotation> <xs:documentation>Keine Applikation auf dem Medium</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0004"> <xs:annotation> <xs:documentation>Medium nicht beschreibbar</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="0005"> <xs:annotation> <xs:documentation>Transaktion abgebrochen</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/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 tns:INT1
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_ApplicationError_Type
Facets	maxInclusive: 255 minInclusive: 0 enumeration: 4
Used by	Element: tns:STATUS_DATA_ApplicationError_Type/tns:STATUS_CODE
Source	<xs:simpleType name="STATUS_CODE_ApplicationError_Type"> <xs:annotation> <xs:documentation>Application Error</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	

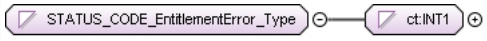
Source

```
<xs:simpleType name="STATUS_SUBCODE_ApplicationError_Type">
  <xs:annotation>
    <xs:documentation>Subcodes fuer den Statuscode 4</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:length value="4" fixed="true"/>
    <xs:pattern value="[0-9][0-9][0-9][0-9]"/>
    <xs:enumeration value="0000">
      <xs:annotation>
        <xs:documentation>Sonstiges</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0001">
      <xs:annotation>
        <xs:documentation>nicht autorisiert</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0002">
      <xs:annotation>
        <xs:documentation>Lesen nicht moeglich</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0003">
      <xs:annotation>
        <xs:documentation>Schreiben nicht moeglich</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0004">
      <xs:annotation>
        <xs:documentation>PIN/PUC falsch</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0005">
      <xs:annotation>
        <xs:documentation>Schluesselregister voll</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0006">
      <xs:annotation>
        <xs:documentation>Schluesselreferenz in Schluesselregister bereits vorhanden</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0007">
      <xs:annotation>
        <xs:documentation>Schluesselreferenz fuer Schluesselregister nicht vorhanden</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
```

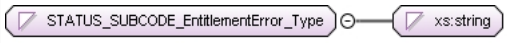
```
    <xs:enumeration value="0008">
      <xs:annotation>
        <xs:documentation>Schluesselreferenz in Schluesselregister nicht vorhanden</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Simple Type tns:STATUS_CODE_EntitlementError_Type

Namespace	http://vdv/ka/pe/2	
Annotations	Entitlement Error	
Diagram		
Type	restriction of tns:INT1	
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_EntitlementError_Type	
Facets	maxInclusive	255
	minInclusive	0
	enumeration	5
Used by	Element	tns:STATUS_DATA_EntitlementError_Type/tns:STATUS_CODE
Source	<xs:simpleType name="STATUS_CODE_EntitlementError_Type"> <xs:annotation> <xs:documentation>Entitlement Error</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="5"/> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

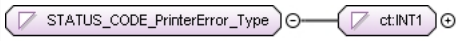
Simple Type tns:STATUS_SUBCODE_EntitlementError_Type

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 Schluessle 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	<xs:simpleType name="STATUS_SUBCODE_EntitlementError_Type"> <xs:annotation> <xs:documentation>Subcodes fuer den Statuscode 5</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="4" fixed="true"/> <xs:pattern value="[0-9][0-9][0-9][0-9]"/>		

```
    <xs:enumeration value="0000">
      <xs:annotation>
        <xs:documentation>Sonstiges</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0001">
      <xs:annotation>
        <xs:documentation>nicht autorisiert</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0002">
      <xs:annotation>
        <xs:documentation>Instanz nicht vorhanden</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0003">
      <xs:annotation>
        <xs:documentation>Erforderliche Schluessle nicht vorhanden</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0004">
      <xs:annotation>
        <xs:documentation>MAC-Fehler</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0005">
      <xs:annotation>
        <xs:documentation>Berechtigung ungesichert gelesen</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0006">
      <xs:annotation>
        <xs:documentation>Ueberschreiben/Loeschen der Daten nicht moeglich</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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 tns:INT1

Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:STATUS_CODE_PrinterError_Type

Facets	maxInclusive: `255` minInclusive: `0` enumeration: `6`
Used by	Element: tns:STATUS_DATA_PrinterError_Type/tns:STATUS_CODE

Source	`<xs:simpleType name="STATUS_CODE_PrinterError_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Printer Error</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="ct:INT1">`
	`  <xs:enumeration value="6"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:simpleType name="STATUS_SUBCODE_PrinterError_Type">`
	`<xs:annotation>`
	`<xs:documentation>Subcodes fuer den Statuscode 6</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:string">`
	`<xs:length value="4" fixed="true"/>`
	`<xs:pattern value="[0-9][0-9][0-9][0-9]"/>`
	`<xs:enumeration value="0000">`
	`<xs:annotation>`
	`<xs:documentation>Sonstiges</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`<xs:enumeration value="0001">`
	`<xs:annotation>`
	`<xs:documentation>nicht autorisiert</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`<xs:enumeration value="0002">`
	`<xs:annotation>`
	`<xs:documentation>Drucker nicht vorhanden</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`<xs:enumeration value="0003">`
	`<xs:annotation>`
	`<xs:documentation>Fehler beim Drucken</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`<xs:enumeration value="0004">`
	`<xs:annotation>`
	`<xs:documentation>Drucker Timeout</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`</xs:restriction>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_SoftwareError_Type
Facets	maxInclusive 255 minInclusive 0 enumeration 7
Used by	Element tns:STATUS_DATA_SoftwareError_Type/tns:STATUS_CODE
Source	`<xs:simpleType name="STATUS_CODE_SoftwareError_Type">` `<xs:annotation>`

```
    <xs:documentation>Software Error</xs:documentation>
  </xs:annotation>
  <xs:restriction base="ct:INT1">
    <xs:enumeration value="7"/>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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]	

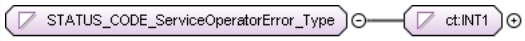
Used by	Element	tns:STATUS_DATA_SoftwareError_Type/tns:STATUS_SUBCODE

Source

```
<xs:simpleType name="STATUS_SUBCODE_SoftwareError_Type">
  <xs:annotation>
    <xs:documentation>Subcodes fuer den Statuscode 7</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:string">
    <xs:length value="4" fixed="true"/>
    <xs:pattern value="[0-9][0-9][0-9][0-9]"/>
    <xs:enumeration value="0000">
      <xs:annotation>
        <xs:documentation>Sonstiges</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0001">
      <xs:annotation>
        <xs:documentation>Fehler bei Datenkonvertierung</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0002">
      <xs:annotation>
        <xs:documentation>Interner Fehler</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0003">
      <xs:annotation>
        <xs:documentation>Erforderliche Datei nicht verfuegbar</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0004">
      <xs:annotation>
        <xs:documentation>Fehler bei Kryptogrammsignatur</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0005">
      <xs:annotation>
        <xs:documentation>Fehler bei Kryptogrammentschluesselung</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0006">
      <xs:annotation>
        <xs:documentation>Falscher LoadKey Zaehler</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:STATUS_CODE_ServiceOperatorError_Type

Facets	maxInclusive 255 minInclusive 0 enumeration 8
Used by	Element tns:STATUS_DATA_ServiceOperatorError_Type/tns:STATUS_CODE

Source	`<xs:simpleType name="STATUS_CODE_ServiceOperatorError_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Service Operator Error</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="ct:INT1">`
	`  <xs:enumeration value="8"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Simple Type `tns:STATUS_SUBCODE_ServiceOperatorError_Type`

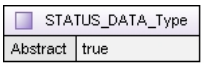
Namespace	http://vdv/ka/pe/2
Annotations	Subcodes fuer den Statuscode 8
Diagram	
Type	restriction of xs:string
Facets	length 4 enumeration 0000 sonstiges enumeration 0001 TXANSCHR fehlt pattern [0-9][0-9][0-9][0-9]
Used by	Element tns:STATUS_DATA_ServiceOperatorError_Type/tns:STATUS_SUBCODE

Source	`<xs:simpleType name="STATUS_SUBCODE_ServiceOperatorError_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Subcodes fuer den Statuscode 8</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="xs:string">`
	`  <xs:length value="4" fixed="true"/>`
	`  <xs:pattern value="[0-9][0-9][0-9][0-9]"/>`
	`  <xs:enumeration value="0000">`
	`  <xs:annotation>`
	`  <xs:documentation>sonstiges</xs:documentation>`
	`  </xs:annotation>`
	`  </xs:enumeration>`
	`  <xs:enumeration value="0001">`
	`  <xs:annotation>`
	`  <xs:documentation>TXANSCHR fehlt</xs:documentation>`
	`  </xs:annotation>`
	`  </xs:enumeration>`
	`  </xs:restriction>`
	`</xs:simpleType>`

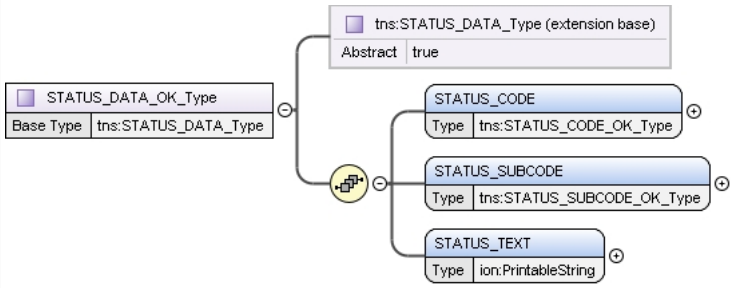
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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	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
	Elements	tns:ERROR_Type/tns:STATUS_DATA, tns:TXAENDBER_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:TXAGBPRIO_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:TXLOEPRIO_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:TXWEBAENDN_Type/tns:STATUS_DATA, tns:TXWEBPOBPEB_Type/tns:STATUS_DATA
Source	<xs:complexType name="STATUS_DATA_Type" abstract="true"> <xs:annotation> <xs:documentation>Abstrakter Typ fuer STATUS_DATA welcher allgemein verwendet wird. In der Nachricht wird automatisch der richtige Typ referenziert</xs:documentation> </xs:annotation> </xs:complexType>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

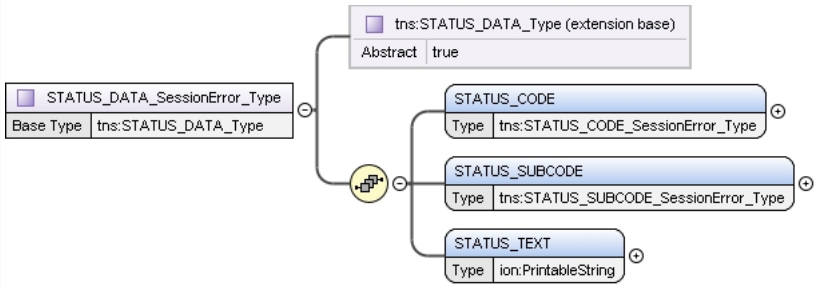
Complex Type tns:STATUS_DATA_OK_Type

Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Kein Fehler aufgetreten"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_OK_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<xs:complexType name="STATUS_DATA_OK_Type"> <xs:annotation>

```
    <xs:documentation>Uebergeordnete Statusdaten fuer "Kein Fehler aufgetreten"</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="tns:STATUS_DATA_Type">
      <xs:sequence>
        <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_OK_Type"/>
        <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_OK_Type"/>
        <xs:element name="STATUS_TEXT" type="ion:PrintableString"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

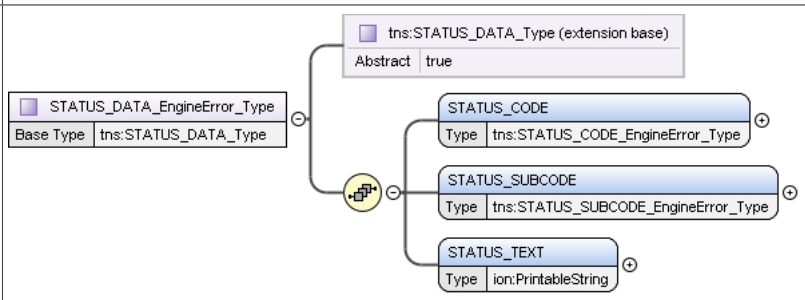
Complex Type `tns:STATUS_DATA_SessionError_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Uebergeordnete Statusdaten fuer "Session Error"`
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_SessionError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT

Source	<pre><xs:complexType name="STATUS_DATA_SessionError_Type">
	  <xs:annotation>
	  <xs:documentation>Uebergeordnete Statusdaten fuer "Session Error"</xs:documentation>
	  </xs:annotation>
	  <xs:complexContent>
	  <xs:extension base="tns:STATUS_DATA_Type">
	  <xs:sequence>
	  <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_SessionError_Type"/>
	  <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_SessionError_Type"/>
	  <xs:element name="STATUS_TEXT" type="ion:PrintableString"/>
	  </xs:sequence>
	  </xs:extension>
	  </xs:complexContent>
	</xs:complexType></pre>

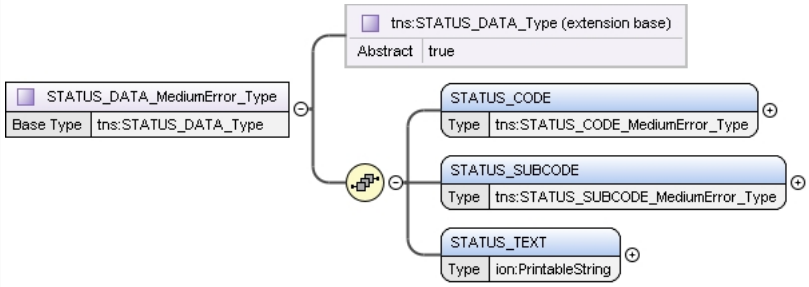
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:STATUS_DATA_EngineError_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Uebergeordnete Statusdaten fuer "Engine Error"`
Diagram	

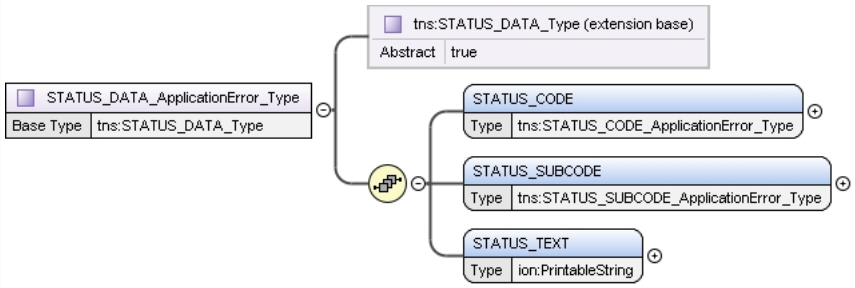
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_EngineError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<xs:complexType name="STATUS_DATA_EngineError_Type"> <xs:annotation> <xs:documentation>Uebergeordnete Statusdaten fuer "Engine Error"</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:STATUS_DATA_Type"> <xs:sequence> <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_EngineError_Type"/> <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_EngineError_Type"/> <xs:element name="STATUS_TEXT" type="ion:PrintableString"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:STATUS_DATA_Type • tns:STATUS_DATA_MediumError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<xs:complexType name="STATUS_DATA_MediumError_Type"> <xs:annotation> <xs:documentation>Uebergeordnete Statusdaten fuer "Medium Error"</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:STATUS_DATA_Type"> <xs:sequence> <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_MediumError_Type"/> <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_MediumError_Type"/> <xs:element name="STATUS_TEXT" type="ion:PrintableString"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:STATUS_DATA_ApplicationError_Type`

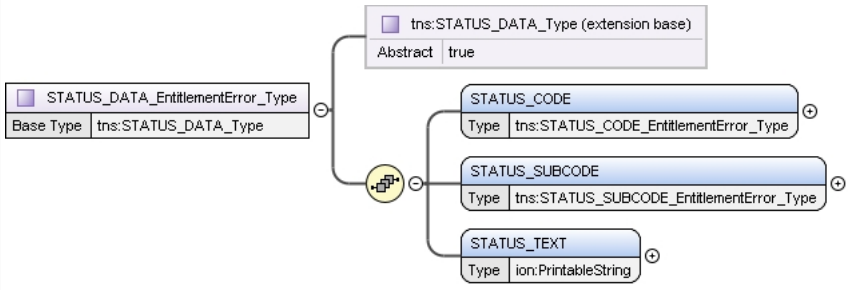
Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Application Error"

Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_ApplicationError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT

Source	`<xs:complexType name="STATUS_DATA_ApplicationError_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Uebergeordnete Statusdaten fuer "Application Error"</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:STATUS_DATA_Type">`
	`  <xs:sequence>`
	`  <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ApplicationError_Type"/>`
	`  <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ApplicationError_Type"/>`
	`  <xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

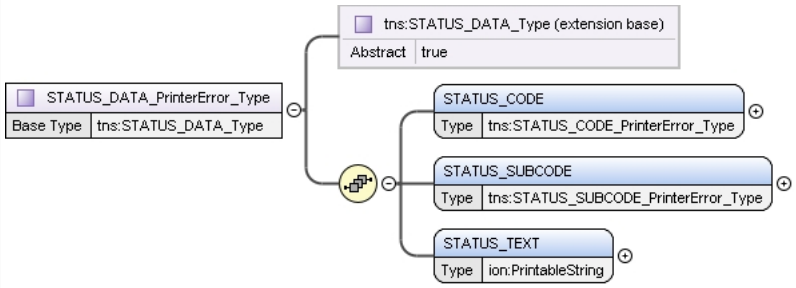
Complex Type `tns:STATUS_DATA_EntitlementError_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Uebergeordnete Statusdaten fuer "Entitlement Error"`
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_EntitlementError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT

Source	`<xs:complexType name="STATUS_DATA_EntitlementError_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Uebergeordnete Statusdaten fuer "Entitlement Error"</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:STATUS_DATA_Type">`
	`  <xs:sequence>`
	`  <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_EntitlementError_Type"/>`
	`  <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_EntitlementError_Type"/>`
	`  <xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`

	`</xs:complexType>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

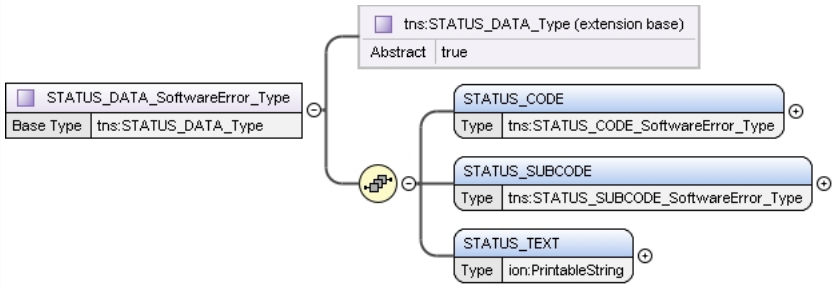
Complex Type `tns:STATUS_DATA_PrinterError_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Uebergeordnete Statusdaten fuer "Printer Error"`
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_PrinterError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT

Source	`<xs:complexType name="STATUS_DATA_PrinterError_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Uebergeordnete Statusdaten fuer "Printer Error"</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:STATUS_DATA_Type">`
	`  <xs:sequence>`
	`  <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_PrinterError_Type"/>`
	`  <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_PrinterError_Type"/>`
	`  <xs:element name="STATUS_TEXT" type="ion:PrintableString"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:STATUS_DATA_SoftwareError_Type`

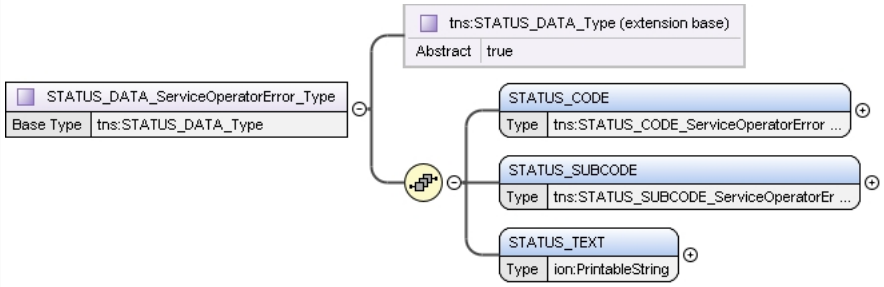
Namespace	http://vdv/ka/pe/2
Annotations	`Uebergeordnete Statusdaten fuer "Software Error"`
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_SoftwareError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT

Source	`<xs:complexType name="STATUS_DATA_SoftwareError_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Uebergeordnete Statusdaten fuer "Software Error"</xs:documentation>`

```
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="tns:STATUS_DATA_Type">
      <xs:sequence>
        <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_SoftwareError_Type"/>
        <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_SoftwareError_Type"/>
        <xs:element name="STATUS_TEXT" type="ion:PrintableString"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

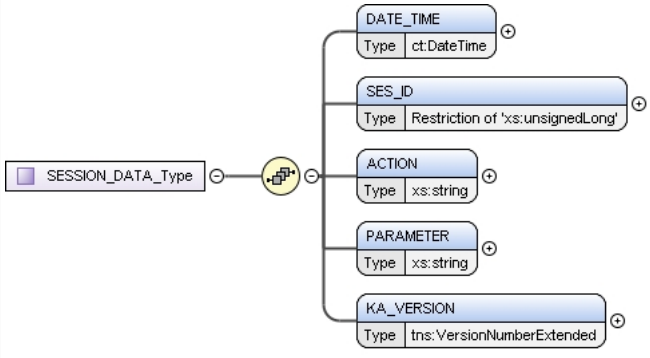
Complex Type `tns:STATUS_DATA_ServiceOperatorError_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Uebergeordnete Statusdaten fuer "Service Operator Error"`
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_ServiceOperatorError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT

Source	<pre><xs:complexType name="STATUS_DATA_ServiceOperatorError_Type">
	  <xs:annotation>
	  <xs:documentation>Uebergeordnete Statusdaten fuer "Service Operator Error"</xs:documentation>
	  </xs:annotation>
	  <xs:complexContent>
	  <xs:extension base="tns:STATUS_DATA_Type">
	  <xs:sequence>
	  <xs:element name="STATUS_CODE" type="tns:STATUS_CODE_ServiceOperatorError_Type"/>
	  <xs:element name="STATUS_SUBCODE" type="tns:STATUS_SUBCODE_ServiceOperatorError_Type"/>
	  <xs:element name="STATUS_TEXT" type="ion:PrintableString"/>
	  </xs:sequence>
	  </xs:extension>
	  </xs:complexContent>
	</xs:complexType></pre>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

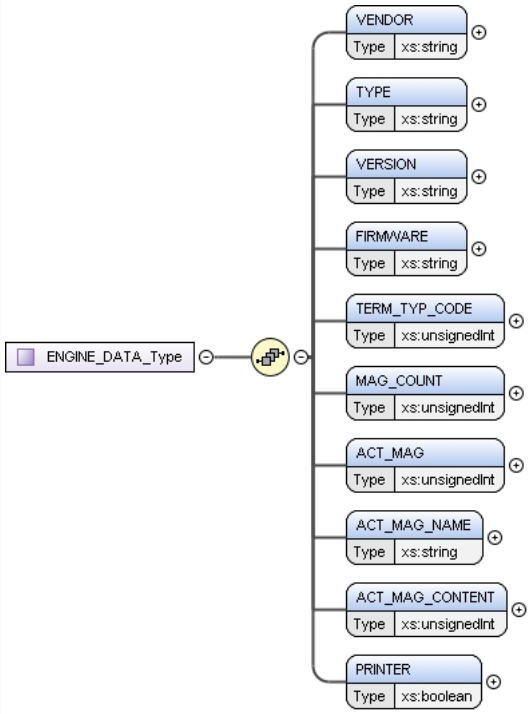
Complex Type `tns:SESSION_DATA_Type`

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:TXAGBPRIO_Type/tns:SESSION_DATA, tns:TXANSCHR_Type/tns:SESSION_DATA, tns:TXANTWORT_Type/tns:SESSION_DATA, tns:TXAUFTRAG_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:TXLESAPPLOG_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:TXLOEAPPLOG_Type/tns:SESSION_DATA, tns:TXLOEBER_Type/tns:SESSION_DATA, tns:TXLOEKEYREG_Type/tns:SESSION_DATA, tns:TXLOEKUNDE_Type/tns:SESSION_DATA, tns:TXLOEPRIO_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:TXWBD_Type/tns:SESSION_DATA, tns:TXWEBAENDN_Type/tns:SESSION_DATA, tns:TXWEBPOBPEB_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	<xs:complexType name="SESSION_DATA_Type"> <xs:annotation> <xs:documentation>Typ: SESSION_DATA aus Spec_PE</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="DATE_TIME" type="ct:DateTime"/> <xs:element name="SES_ID"> <xs:simpleType> <xs:restriction base="xs:unsignedLong"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999999999999999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ACTION" type="xs:string" nillable="true"/> <xs:element name="PARAMETER" type="xs:string" nillable="true"/> <xs:element name="KA_VERSION" type="tns:VersionNumberExtended"/> </xs:sequence> </xs:complexType>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Complex Type `tns:ENGINE_DATA_Type`

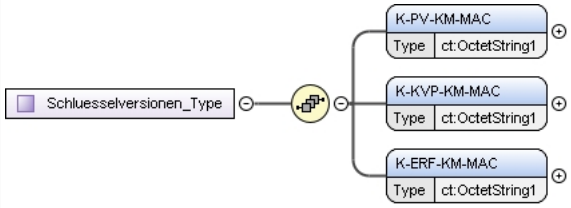
Namespace	http://vdv/ka/pe/2
Annotations	Typ: ENGINE_DATA aus Spec_PE

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	`<xs:complexType name="ENGINE_DATA_Type">`
	`<xs:annotation>`
	`<xs:documentation>Typ: ENGINE_DATA aus Spec_PE</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="VENDOR" type="xs:string" nillable="true"/>`
	`<xs:element name="TYPE" type="xs:string" nillable="true"/>`
	`<xs:element name="VERSION" type="xs:string" nillable="true"/>`
	`<xs:element name="FIRMWARE" type="xs:string" nillable="true"/>`
	`<xs:element name="TERM_TYP_CODE" type="xs:unsignedInt"/>`
	`<xs:element name="MAG_COUNT" type="xs:unsignedInt"/>`
	`<xs:element name="ACT_MAG" type="xs:unsignedInt"/>`
	`<xs:element name="ACT_MAG_NAME" type="xs:string" nillable="true"/>`
	`<xs:element name="ACT_MAG_CONTENT" type="xs:unsignedInt" nillable="true"/>`
	`<xs:element name="PRINTER" type="xs:boolean"/>`
	`</xs:sequence>`
	`</xs:complexType>`

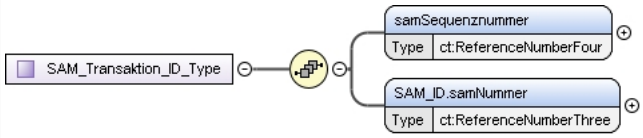
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:Schluesselversionen_Type`

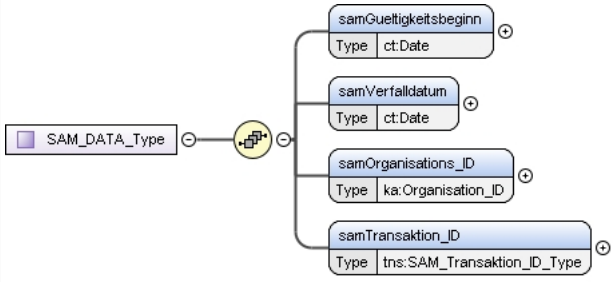
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Datenstruktur Schluesselversionen`
Diagram	
Used by	Elements tns:NmApplikationsdaten_Type/tns:Schluesselversionen, tns:NmBerechtigungsdaten_Type/tns:Schluesselversionen

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	<xs:complexType name="Schluesselversionen_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur Schluesselversionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="K-PV-KM-MAC" type="ct:OctetString1"/> <xs:element name="K-KVP-KM-MAC" type="ct:OctetString1"/> <xs:element name="K-ERF-KM-MAC" type="ct:OctetString1"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:SAM_Transaktion_ID_Type`

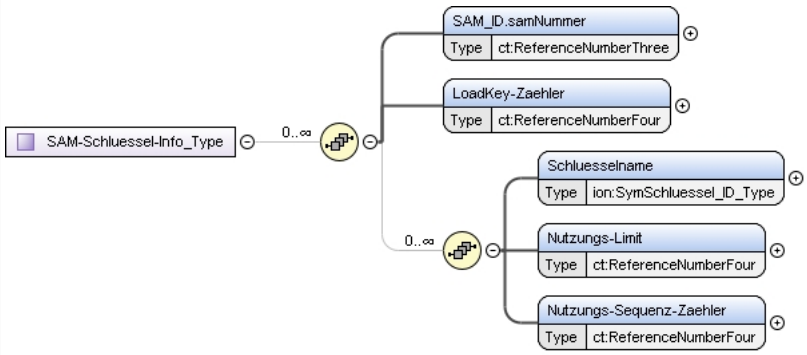
Namespace	http://vdv/ka/pe/2
Annotations	Typ: SAM Transaktions-ID bestehend aus der SAM Sequenznummer und der laufenden Nummer aus der SAM ID.
Diagram	
Used by	Elements tns:NmApplikationsdaten_Type/tns:Ausgabetransaktionskennung, tns:NmBerechtigungsdaten_Type/tns:Ausgabetransaktionskennung, tns:SAM_DATA_Type/tns:samTransaktion_ID
Model	tns:samSequenznummer , tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Source	<xs:complexType name="SAM_Transaktion_ID_Type"> <xs:annotation> <xs:documentation>Typ: SAM Transaktions-ID bestehend aus der SAM Sequenznummer und der laufenden Nummer aus der SAM ID.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="samSequenznummer" type="ct:ReferenceNumberFour"/> <xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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:TXAGBPRIO_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_DA-

	TA, 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:TXLOEPRIO_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:TXWEBPOBPEB_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	<xs:complexType name="SAM_DATA_Type"> <xs:annotation> <xs:documentation>Typ: SAM_DATA aus Spec_PE</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="samGueltigkeitsbeginn" type="ct:Date"/> <xs:element name="samVerfalldatum" type="ct:Date"/> <xs:element name="samOrganisations_ID" type="ka:Organisation_ID"/> <xs:element name="samTransaktion_ID" type="tns:SAM_Transaktion_ID_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

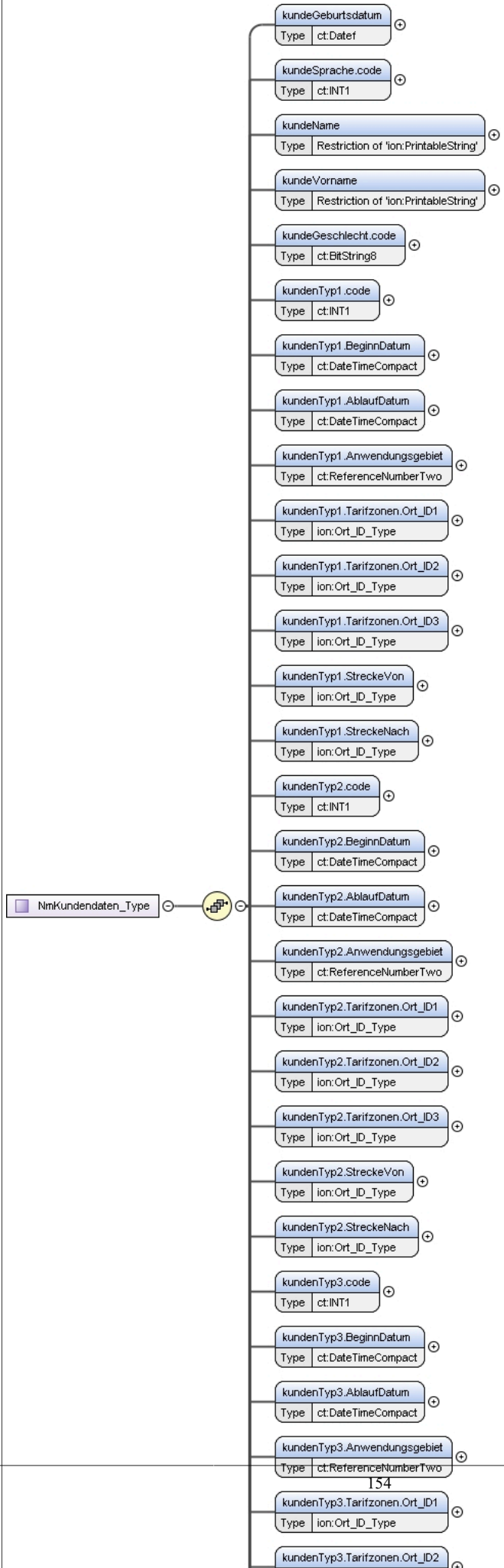
Complex Type `tns:SAM-Schluessel-Info_Type`

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	<xs:complexType name="SAM-Schluessel-Info_Type"> <xs:annotation> <xs:documentation>Typ: SAM-Schluessel-Info</xs:documentation> </xs:annotation> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree"/> <xs:element name="LoadKey-Zaehler" type="ct:ReferenceNumberFour"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type"/> <xs:element name="Nutzungs-Limit" type="ct:ReferenceNumberFour"/> <xs:element name="Nutzungs-Sequenz-Zaehler" type="ct:ReferenceNumberFour"/> </xs:sequence> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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

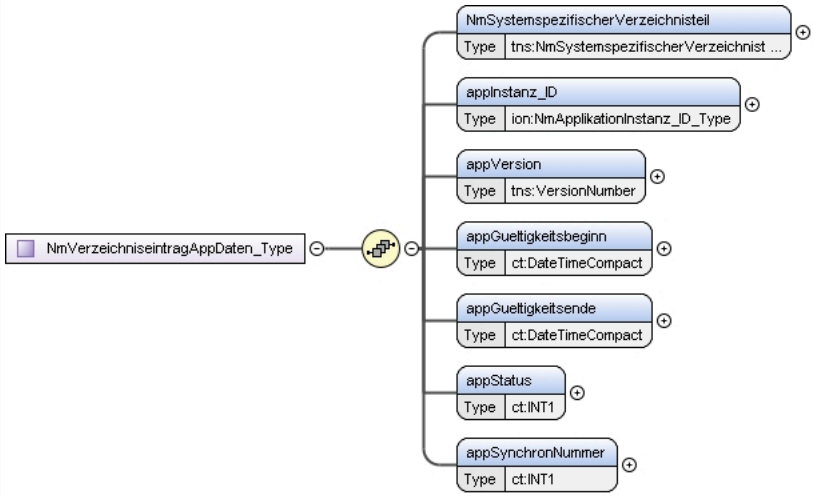

NmKundendaten_Type
kundeGeburtsdatum
Type ct:Datef
kundeSprache.code
Type ct:INT1
kundeName
Type Restriction of 'ion:PrintableString'
kundeVorname
Type Restriction of 'ion:PrintableString'
kundeGeschlecht.code
Type ct:BitString8
kundenTyp1.code
Type ct:INT1
kundenTyp1.BeginnDatum
Type ct:DateTimeCompact
kundenTyp1.AblaufDatum
Type ct:DateTimeCompact
kundenTyp1.Anwendungsgebiet
Type ct:ReferenceNumberTwo
kundenTyp1.Tarifzonen.Ort_ID1
Type ion:Ort_ID_Type
kundenTyp1.Tarifzonen.Ort_ID2
Type ion:Ort_ID_Type
kundenTyp1.Tarifzonen.Ort_ID3
Type ion:Ort_ID_Type
kundenTyp1.StreckeVon
Type ion:Ort_ID_Type
kundenTyp1.StreckeNach
Type ion:Ort_ID_Type
kundenTyp2.code
Type ct:INT1
kundenTyp2.BeginnDatum
Type ct:DateTimeCompact
kundenTyp2.AblaufDatum
Type ct:DateTimeCompact
kundenTyp2.Anwendungsgebiet
Type ct:ReferenceNumberTwo
kundenTyp2.Tarifzonen.Ort_ID1
Type ion:Ort_ID_Type
kundenTyp2.Tarifzonen.Ort_ID2
Type ion:Ort_ID_Type
kundenTyp2.Tarifzonen.Ort_ID3
Type ion:Ort_ID_Type
kundenTyp2.StreckeVon
Type ion:Ort_ID_Type
kundenTyp2.StreckeNach
Type ion:Ort_ID_Type
kundenTyp3.code
Type ct:INT1
kundenTyp3.BeginnDatum
Type ct:DateTimeCompact
kundenTyp3.AblaufDatum
Type ct:DateTimeCompact
kundenTyp3.Anwendungsgebiet
Type ct:ReferenceNumberTwo
kundenTyp3.Tarifzonen.Ort_ID1
Type ion:Ort_ID_Type
kundenTyp3.Tarifzonen.Ort_ID2

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	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:kundenTyp1.code, 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
Source	

```
<xs:complexType name="NmKundendaten_Type">
  <xs:annotation>
    <xs:documentation>Typ:NmKundendaten</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="kundeGeburtsdatum" type="ct:Datef"/>
    <xs:element name="kundeSprache.code" type="ct:INT1"/>
    <xs:element name="kundeName">
      <xs:simpleType>
        <xs:restriction base="ion:PrintableString">
          <xs:minLength value="0"/>
          <xs:maxLength value="40"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="kundeVorname">
      <xs:simpleType>
        <xs:restriction base="ion:PrintableString">
          <xs:maxLength value="40"/>
          <xs:minLength value="0"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="kundeGeschlecht.code" type="ct:BitString8"/>
    <xs:element name="kundenTyp1.code" type="ct:INT1"/>
    <xs:element name="kundenTyp1.BeginnDatum" type="ct:DateTimeCompact"/>
    <xs:element name="kundenTyp1.AblaufDatum" type="ct:DateTimeCompact"/>
    <xs:element name="kundenTyp1.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/>
    <xs:element name="kundenTyp1.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp1.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp1.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp1.StreckeVon" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp1.StreckeNach" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp2.code" type="ct:INT1"/>
    <xs:element name="kundenTyp2.BeginnDatum" type="ct:DateTimeCompact"/>
    <xs:element name="kundenTyp2.AblaufDatum" type="ct:DateTimeCompact"/>
    <xs:element name="kundenTyp2.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/>
    <xs:element name="kundenTyp2.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp2.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp2.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp2.StreckeVon" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp2.StreckeNach" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp3.code" type="ct:INT1"/>
    <xs:element name="kundenTyp3.BeginnDatum" type="ct:DateTimeCompact"/>
    <xs:element name="kundenTyp3.AblaufDatum" type="ct:DateTimeCompact"/>
    <xs:element name="kundenTyp3.Anwendungsgebiet" type="ct:ReferenceNumberTwo"/>
    <xs:element name="kundenTyp3.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp3.Tarifzonen.Ort_ID2" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp3.Tarifzonen.Ort_ID3" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp3.StreckeVon" type="ion:Ort_ID_Type"/>
    <xs:element name="kundenTyp3.StreckeNach" type="ion:Ort_ID_Type"/>
    <xs:element name="Infotext">
      <xs:simpleType>
        <xs:restriction base="ion:PrintableString">
          <xs:length value="40" fixed="true"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
```

	`</xs:complexType>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

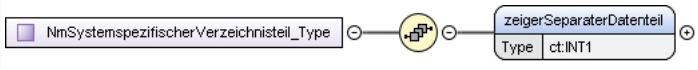
Complex Type `tns:NmVerzeichniseintragAppDaten_Type`

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	`<xs:complexType name="NmVerzeichniseintragAppDaten_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: NmVerzeichniseintrag Applikationsdaten</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="NmSystemspezifischerVerzeichnisteil"`
	`type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>`
	`  <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>`
	`  <xs:element name="appVersion" type="tns:VersionNumber"/>`
	`  <xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/>`
	`  <xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact"/>`
	`  <xs:element name="appStatus" type="ct:INT1"/>`
	`  <xs:element name="appSynchronNummer" type="ct:INT1"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

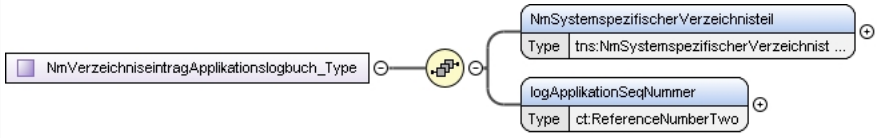
Complex Type `tns:NmSystemspezifischerVerzeichnisteil_Type`

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	`<xs:complexType name="NmSystemspezifischerVerzeichnisteil_Type">` `  <xs:annotation>`

```
    <xs:documentation>Typ: Systemspezifischer Anteil fuer den Verzeichniseintrag im
 Schluesselregister</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="zeigerSeparaterDatenteil" type="ct:INT1"/>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

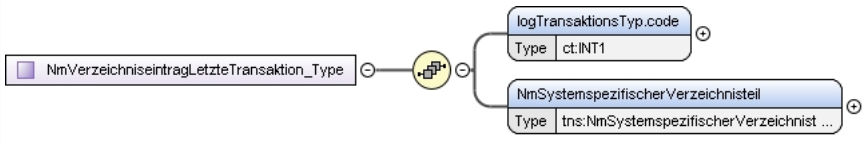
Complex Type `tns:NmVerzeichniseintragApplikationslogbuch_Type`

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	<xs:complexType name="NmVerzeichniseintragApplikationslogbuch_Type"> <xs:annotation> <xs:documentation>Typ: NmVerzeichniseintrag Applikationslogbuch</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/> <xs:element name="logApplikationSeqNummer" type="ct:ReferenceNumberTwo"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:NmVerzeichniseintragKunde_Type`

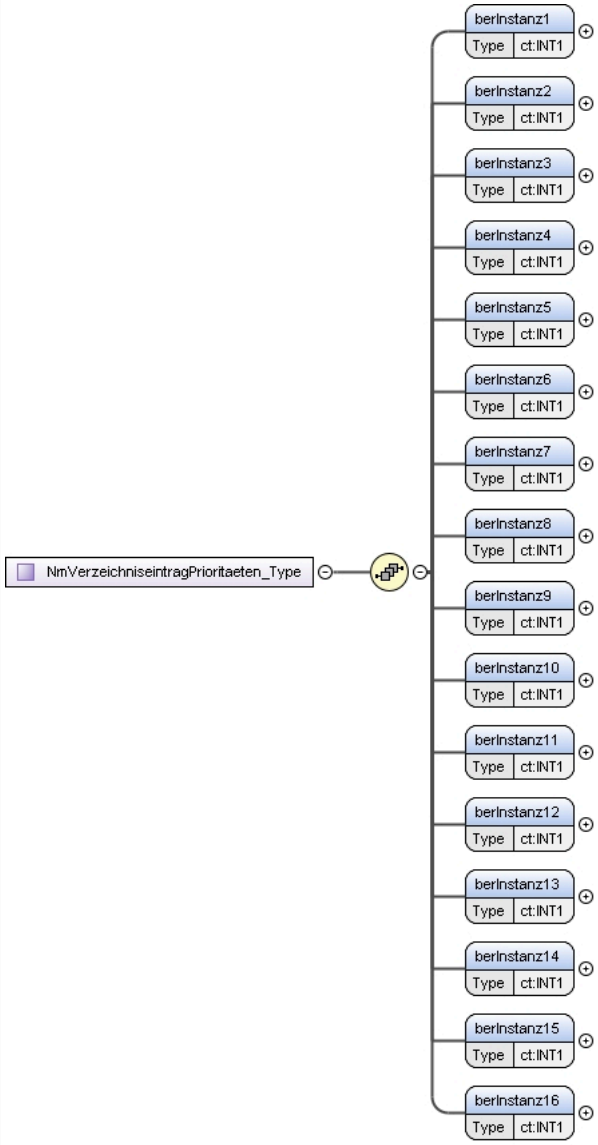
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: NmVerzeichniseintrag Kunde`
Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:VerzeichniseintragKunde
Model	tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil
Source	<xs:complexType name="NmVerzeichniseintragKunde_Type"> <xs:annotation> <xs:documentation>Typ: NmVerzeichniseintrag Kunde</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	

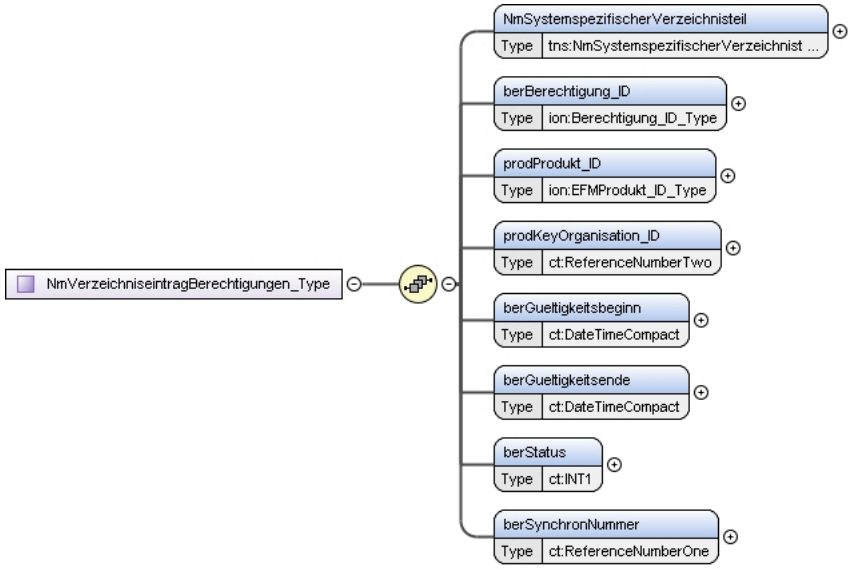
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:LetzteTransaktion
Model	tns:logTransaktionsTyp.code , tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logTransaktionsTyp.code
Source	<xs:complexType name="NmVerzeichniseintragLetzteTransaktion_Type"> <xs:annotation> <xs:documentation>Typ: NmVerzeichniseintrag Letzte Transaktion</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="logTransaktionsTyp.code" type="ct:INT1"/> <xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	
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	<xs:complexType name="NmVerzeichniseintragPrioritaeten_Type"> <xs:annotation> <xs:documentation>Typ: NmVerzeichniseintrag Prioritaeten</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berInstanz1" type="ct:INT1"/> <xs:element name="berInstanz2" type="ct:INT1"/> <xs:element name="berInstanz3" type="ct:INT1"/> <xs:element name="berInstanz4" type="ct:INT1"/> <xs:element name="berInstanz5" type="ct:INT1"/> <xs:element name="berInstanz6" type="ct:INT1"/> <xs:element name="berInstanz7" type="ct:INT1"/> <xs:element name="berInstanz8" type="ct:INT1"/> <xs:element name="berInstanz9" type="ct:INT1"/> <xs:element name="berInstanz10" type="ct:INT1"/> <xs:element name="berInstanz11" type="ct:INT1"/> <xs:element name="berInstanz12" type="ct:INT1"/> <xs:element name="berInstanz13" type="ct:INT1"/> <xs:element name="berInstanz14" type="ct:INT1"/> <xs:element name="berInstanz15" type="ct:INT1"/> <xs:element name="berInstanz16" type="ct:INT1"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

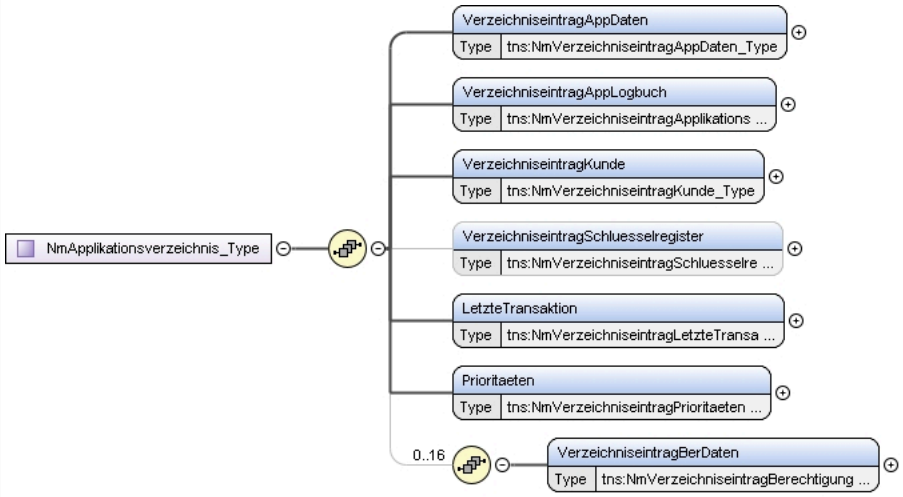
Complex Type `tns:NmVerzeichniseintragBerechtigungen_Type`

Namespace	http://vdv/ka/pe/2
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	<xs:complexType name="NmVerzeichniseintragBerechtigungen_Type"> <xs:annotation> <xs:documentation>Typ: NmVerzeichniseintrag Berechtigungen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="prodKeyOrganisation_ID" type="ct:ReferenceNumberTwo"/> <xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact"/>

```
    <xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact"/>
    <xs:element name="berStatus" type="ct:INT1"/>
    <xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne"/>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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

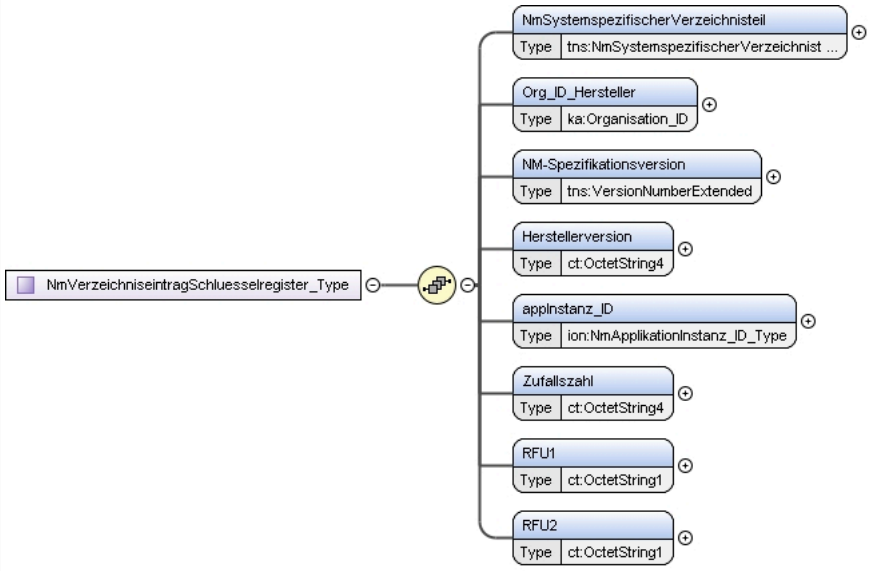
Source

```
<xs:complexType name="NmApplikationsverzeichnis_Type">
  <xs:annotation>
    <xs:documentation>Typ: NmApplikationsverzeichnis</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="VerzeichniseintragAppDaten" type="tns:NmVerzeichniseintragAppDaten_Type"/>
    <xs:element name="VerzeichniseintragAppLogbuch"
 type="tns:NmVerzeichniseintragApplikationslogbuch_Type"/>
    <xs:element name="VerzeichniseintragKunde" type="tns:NmVerzeichniseintragKunde_Type"/>
    <xs:element name="VerzeichniseintragSchluesselregister"
 type="tns:NmVerzeichniseintragSchluesselregister_Type" minOccurs="0"/>
    <xs:element name="LetzteTransaktion" type="tns:NmVerzeichniseintragLetzteTransaktion_Type"/>
    <xs:element name="Prioritaeten" type="tns:NmVerzeichniseintragPrioritaeten_Type"/>
    <xs:sequence minOccurs="0" maxOccurs="16">
      <xs:element name="VerzeichniseintragBerDaten"
 type="tns:NmVerzeichniseintragBerechtigungen_Type"/>
    </xs:sequence>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:NmVerzeichniseintragSchluesselregister_Type`

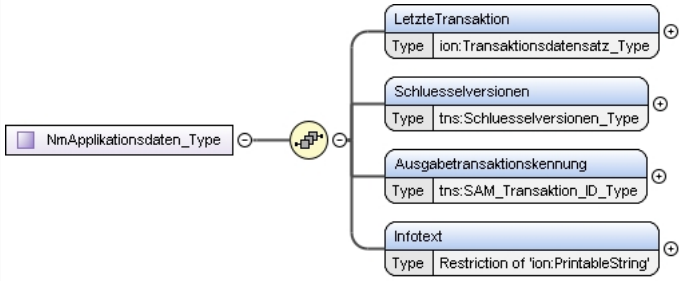
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Verzeichniseintrag fuer das Schluesselregister`

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	<xs:complexType name="NmVerzeichniseintragSchluesselregister_Type"> <xs:annotation> <xs:documentation>Typ: Verzeichniseintrag fuer das Schluesselregister</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NmSystemspezifischerVerzeichnisteil" type="tns:NmSystemspezifischerVerzeichnisteil_Type"/> <xs:element name="Org_ID_Hersteller" type="ka:Organisation_ID"/> <xs:element name="NM-Spezifikationsversion" type="tns:VersionNumberExtended"/> <xs:element name="Herstellerversion" type="ct:OctetString4"/> <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/> <xs:element name="Zufallszahl" type="ct:OctetString4"/> <xs:element name="RFU1" type="ct:OctetString1"/> <xs:element name="RFU2" type="ct:OctetString1"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="NmApplikationslogbuch_Type"> <xs:annotation> <xs:documentation>Typ: NmApplikationslogbuch Daten</xs:documentation> </xs:annotation> <xs:sequence minOccurs="0" maxOccurs="20"> <xs:element name="Transaktionsdatensatz" type="ion:Transaktionsdatensatz_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

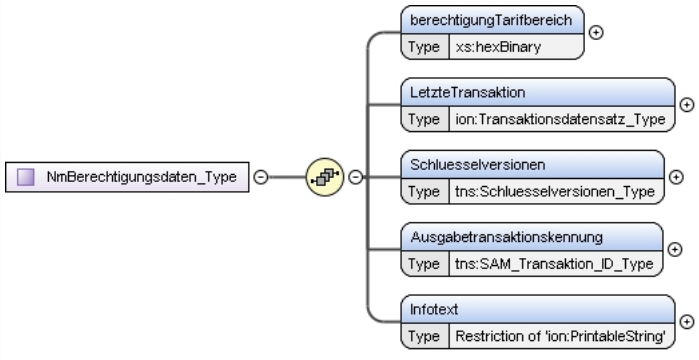
Complex Type `tns:NmApplikationsdaten_Type`

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	`<xs:complexType name="NmApplikationsdaten_Type">`
	`<xs:annotation>`
	`<xs:documentation>Typ: NmApplikationsdaten</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type"/>`
	`<xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type"/>`
	`<xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type"/>`
	`<xs:element name="Infotext">`
	`<xs:simpleType>`
	`<xs:restriction base="ion:PrintableString">`
	`<xs:length value="40" fixed="true"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:NmBerechtigungsdaten_Type`

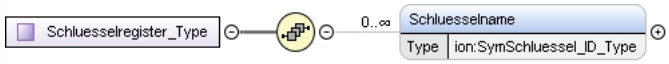
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: NmBerechtigungsdaten`
Diagram	
Used by	Element tns:TXLESBER_Type/tns:NmBerechtigungsDaten
Model	tns:berechtigungTarifbereich , tns:LetzteTransaktion , tns:Schluesselversionen , tns:Ausgabetransaktionskennung , tns:Infotext
Children	tns:Ausgabetransaktionskennung, tns:Infotext, tns:LetzteTransaktion, tns:Schluesselversionen, tns:berechtigungTarifbereich

Source	`<xs:complexType name="NmBerechtigungsdaten_Type">`
	`<xs:annotation>`
	`<xs:documentation>Typ: NmBerechtigungsdaten</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/>`
	`<xs:element name="LetzteTransaktion" type="ion:Transaktionsdatensatz_Type"/>`
	`<xs:element name="Schluesselversionen" type="tns:Schluesselversionen_Type"/>`
	`<xs:element name="Ausgabetransaktionskennung" type="tns:SAM_Transaktion_ID_Type"/>`

```
    <xs:element name="Infotext">
      <xs:simpleType>
        <xs:restriction base="ion:PrintableString">
          <xs:minLength value="0"/>
          <xs:maxLength value="40"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

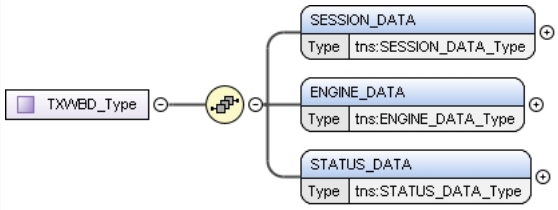
Complex Type `tns:Schluesselregister_Type`

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	`<xs:complexType name="Schluesselregister_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Schluesselregister fuer Schluesselnamen (Schluessel-ID)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="Schluesselname" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="unbounded"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXWBD_Type`

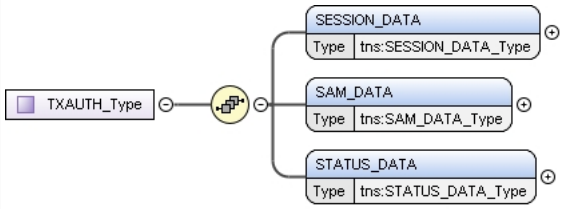
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Wer bist Du (Abfrage von Informationen)`
Diagram	
Used by	Element tns:TXWBD
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Source	`<xs:complexType name="TXWBD_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Wer bist Du (Abfrage von Informationen)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

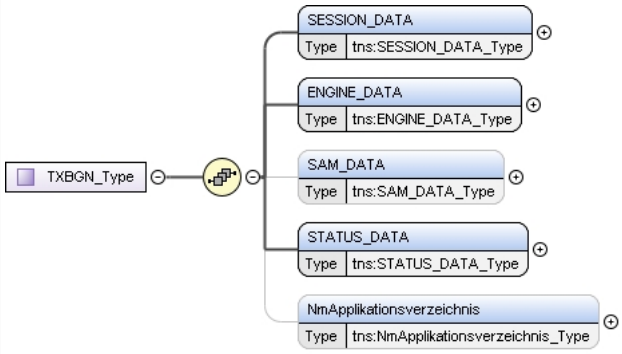
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXAUTH_Type`

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

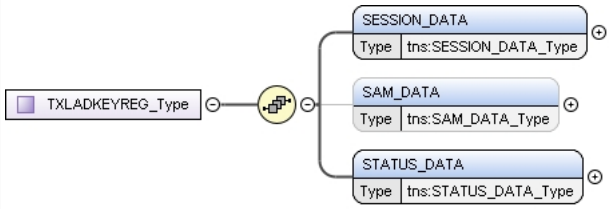
Annotations	Typ: Authentisierung
Diagram	
Used by	Element tns:TXAUTH
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXAUTH_Type"> <xs:annotation> <xs:documentation>Typ: Authentisierung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TXBGN_Type"> <xs:annotation> <xs:documentation>Typ: Beginn einer Session</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXLADKEYREG_Type

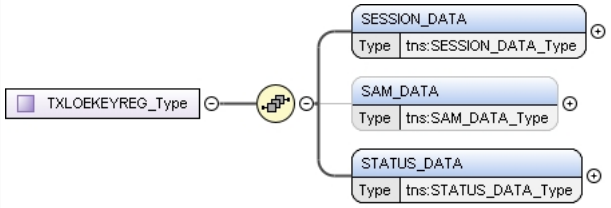
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Schluessel in Schluesselregister laden

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	`<xs:complexType name="TXLADKEYREG_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Schluessel in Schluesselregister laden</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXLOEKEYREG_Type`

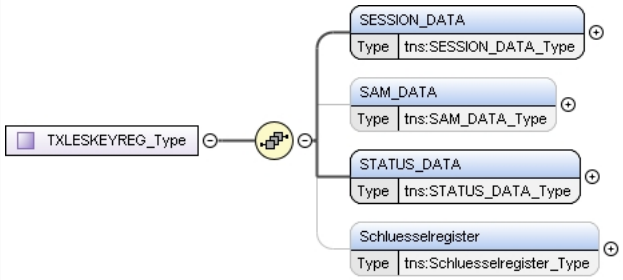
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Loeschen eines Schluessels im Schluesselregister oder Register loeschen`
Diagram	
Used by	Element tns:TXLOEKEYREG
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Source	`<xs:complexType name="TXLOEKEYREG_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Loeschen eines Schluessels im Schluesselregister oder Register loeschen</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

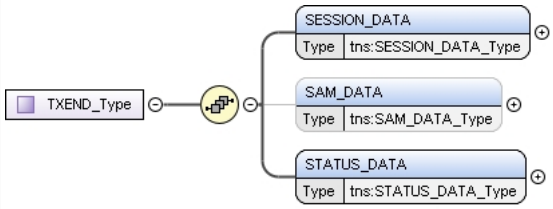
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXLESKEYREG_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Schluesselregister auslesen`

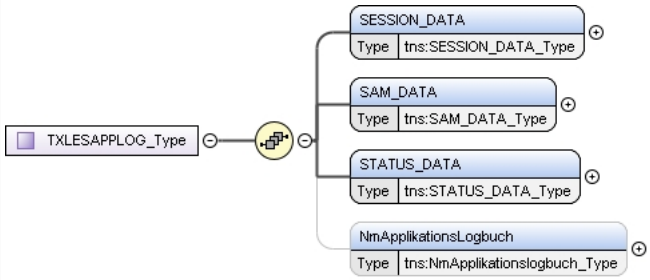
Diagram	
Used by	Element tns:TXLESKEYREG
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:Schluesselregister{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:Schluesselregister
Source	<xs:complexType name="TXLESKEYREG_Type"> <xs:annotation> <xs:documentation>Typ: Schluesselregister auslesen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:element name="Schluesselregister" type="tns:Schluesselregister_Type" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXEND_Type`

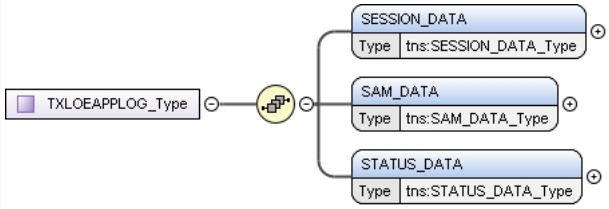
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Ende einer Session
Diagram	
Used by	Element tns:TXEND
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXEND_Type"> <xs:annotation> <xs:documentation>Typ: Ende einer Session</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXLESAPPLOG_Type`

Namespace	http://vdv/ka/pe/2
Annotations	Typ: Applikationslogbuch lesen

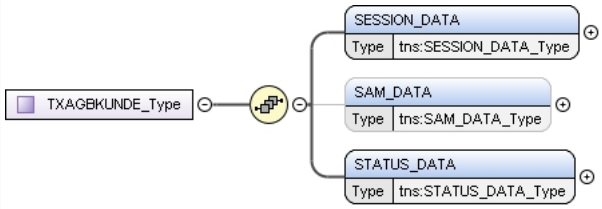
Diagram	
Used by	Element tns:TXLESAPPLOG
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmApplikationsLogbuch{0,1}
Children	tns:NmApplikationsLogbuch, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXLESAPPLOG_Type"> <xs:annotation> <xs:documentation>Typ: Applikationslogbuch lesen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:element name="NmApplikationsLogbuch" type="tns:NmApplikationslogbuch_Type" minOccurs="0"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXLOEAPPLOG_Type

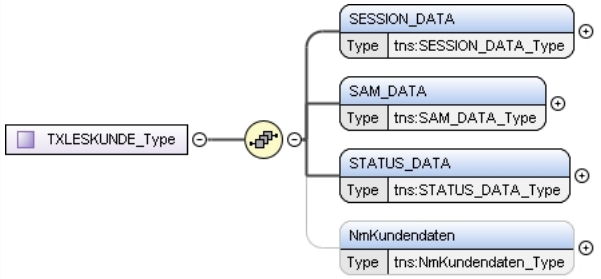
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Applikationslogbuch loeschen
Diagram	
Used by	Element tns:TXLOEAPPLOG
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXLOEAPPLOG_Type"> <xs:annotation> <xs:documentation>Typ: Applikationslogbuch loeschen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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

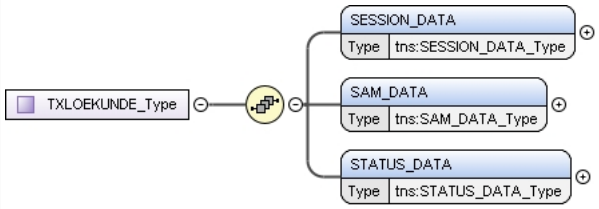
Diagram	
Used by	Element tns:TXAGBKUNDE
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXAGBKUNDE_Type"> <xs:annotation> <xs:documentation>Typ: Kundendaten ausgeben</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TXLESKUNDE_Type"> <xs:annotation> <xs:documentation>Typ: Kundendaten lesen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:element name="NmKundendaten" type="tns:NmKundendaten_Type" minOccurs="0"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXLOEKUNDE_Type

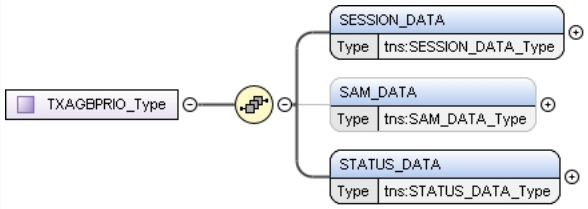
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Kundendaten loeschen

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	`<xs:complexType name="TXLOEKUNDE_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Kundendaten loeschen</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

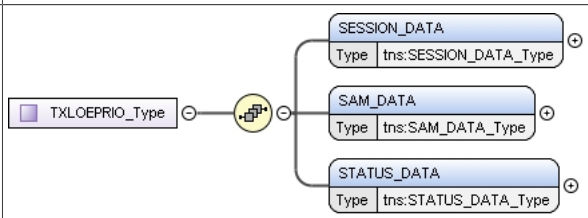
Complex Type `tns:TXAGBPRIO_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Prioritaeten setzen`
Diagram	
Used by	Element tns:TXAGBPRIO
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

Source	`<xs:complexType name="TXAGBPRIO_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Prioritaeten setzen</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

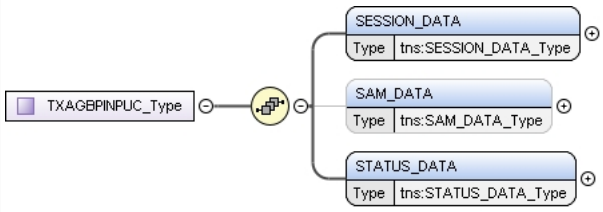
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXLOEPRIO_Type`

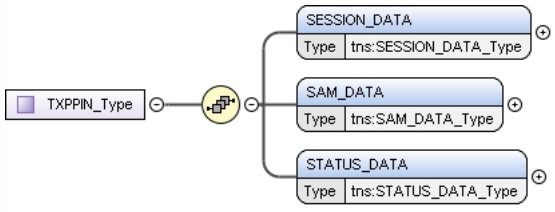
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Prioritaeten loeschen`
Diagram	
Used by	Element tns:TXLOEPRIO

Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXLOEPRIO_Type"> <xs:annotation> <xs:documentation>Typ: Prioritaeten loeschen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXAGBPINPUC_Type

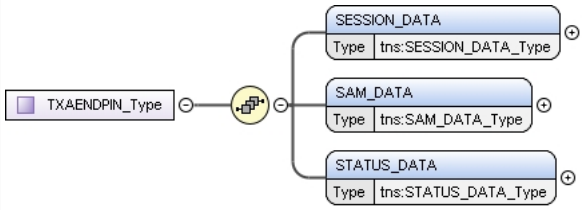
Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN/PUC initialisieren
Diagram	
Used by	Element tns:TXAGBPINPUC
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXAGBPINPUC_Type"> <xs:annotation> <xs:documentation>Typ: PIN/PUC initialisieren</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXPPIN_Type

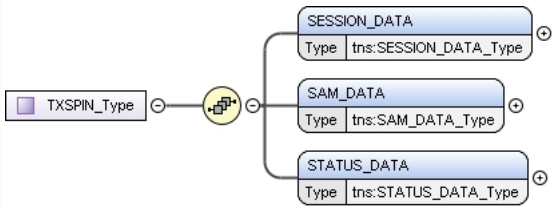
Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN pruefen
Diagram	
Used by	Element tns:TXPPIN
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXPPIN_Type"> <xs:annotation> <xs:documentation>Typ: PIN pruefen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>

	</xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXAENDPIN_Type

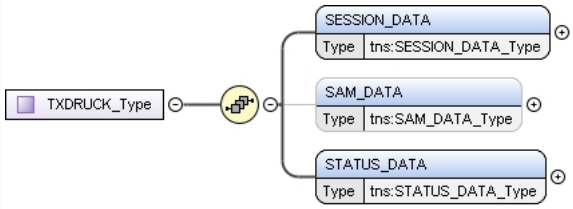
Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN aendern
Diagram	
Used by	Element tns:TXAENDPIN
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXAENDPIN_Type"> <xs:annotation> <xs:documentation>Typ: PIN aendern</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TXSPIN_Type"> <xs:annotation> <xs:documentation>Typ: PIN entsperren</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXDRUCK_Type

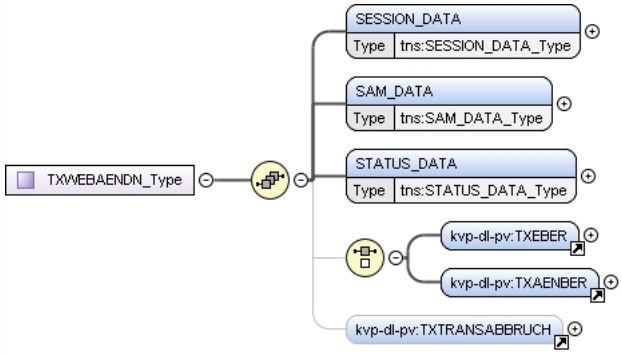
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Nutzermedium bedrucken

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	`<xs:complexType name="TXDRUCK_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Nutzermedium bedrucken</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXWEBAENDN_Type`

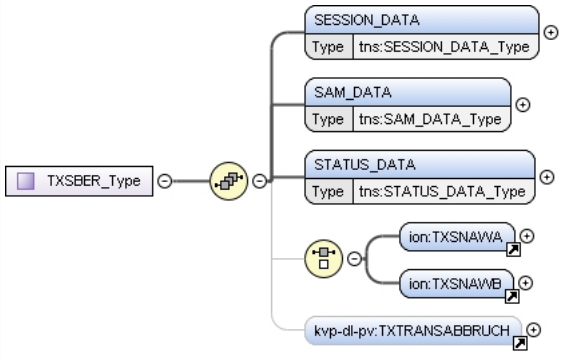
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: WEB aufbuchen/NTP aendern`
Diagram	
Used by	Element tns:TXWEBAENDN
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXEBER | tns:TXAENBER) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAENBER, tns:TXEBER, tns:TXTRANSABBRUCH

Source	`<xs:complexType name="TXWEBAENDN_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: WEB aufbuchen/NTP aendern</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  <xs:choice minOccurs="0">`
	`  <xs:element ref="kvp-dl-pv:TXEBER"/>`
	`  <xs:element ref="kvp-dl-pv:TXAENBER"/>`
	`  </xs:choice>`
	`  <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

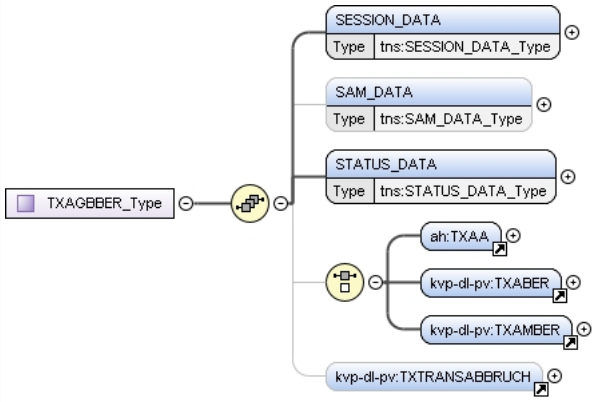
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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:TXTRANSAB-BRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXSNAWA, tns:TXSNAWB, tns:TXTRANSABBRUCH
Source	<xs:complexType name="TXSBER_Type"> <xs:annotation> <xs:documentation>Typ: Berechtigung sperren/entsperren</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:choice minOccurs="0"> <xs:element ref="ion:TXSNAWA"/> <xs:element ref="ion:TXSNAWB"/> </xs:choice> <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

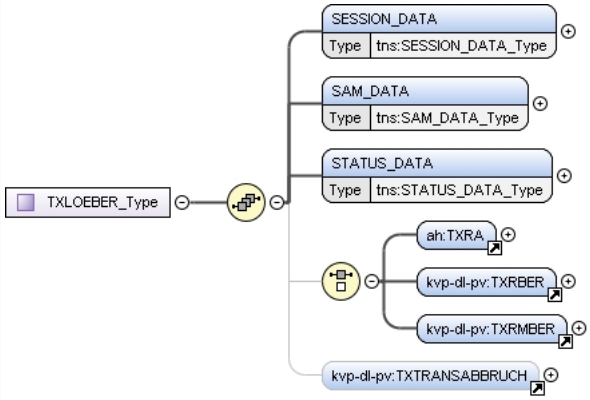
Complex Type `tns:TXAGBBER_Type`

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:TX-TRANSABBRUCH{0,1}
Children	ah:TXAA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXABER, tns:TXAMBER, tns:TXTRANSAB-BRUCH
Source	<xs:complexType name="TXAGBBER_Type"> <xs:annotation> <xs:documentation>Typ: Berechtigung ausgeben</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>

```
    <xs:choice minOccurs="0" maxOccurs="1">
      <xs:element ref="ah:TXAA"/>
      <xs:element ref="kvp-dl-pv:TXABER"/>
      <xs:element ref="kvp-dl-pv:TXAMBER"/>
    </xs:choice>
    <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	

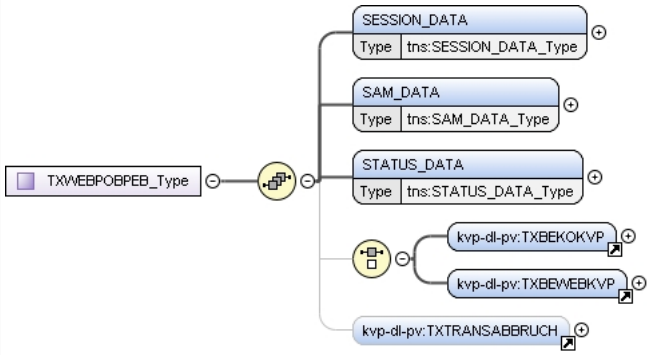
```
<xs:complexType name="TXLOEBER_Type">
  <xs:annotation>
    <xs:documentation>Typ: Berechtigung zuruecknehmen</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
    <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
    <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
    <xs:choice minOccurs="0" maxOccurs="1">
      <xs:element ref="ah:TXRA"/>
      <xs:element ref="kvp-dl-pv:TXRBER"/>
      <xs:element ref="kvp-dl-pv:TXRMBER"/>
    </xs:choice>
    <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

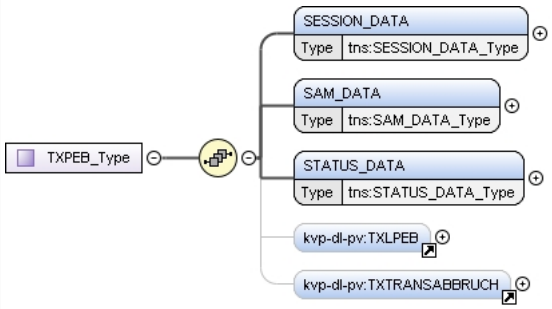
Complex Type `tns:TXWEBPOBPEB_Type`

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

Annotations	`Typ: WEB/POB/PEB-Konto aufbuchen/abbuchen.`
	`Deprecated: Bitte TXBEWEB und TXBEPOBPEB aus der Erweiterung 1.7.0 verwenden.`
	`Dieser Typ wird mit KA Release 3.0 entfernt.`

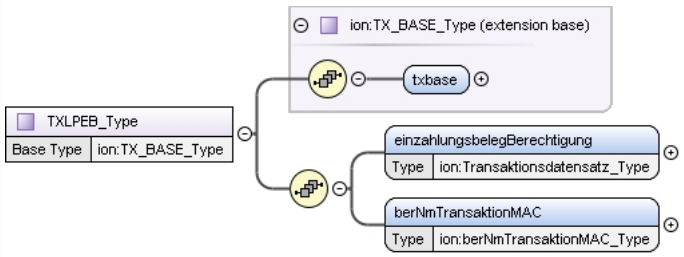
Diagram	
Used by	Element tns:TXWEBPOBPEB
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXBEKOKVP | tns:TXBEWEBKVP) , tns:TXTRANSAB-BRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEKOKVP, tns:TXBEWEBKVP, tns:TXTRANSAB-BRUCH
Source	<xs:complexType name="TXWEBPOBPEB_Type"> <xs:annotation> <xs:documentation>Typ: WEB/POB/PEB-Konto aufbuchen/abbuchen. Deprecated: Bitte TXBEWEB und TXBEPOBPEB aus der Erweiterung 1.7.0 verwenden. Dieser Typ wird mit KA Release 3.0 entfernt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:choice minOccurs="0"> <xs:element ref="kvp-dl-pv:TXBEKOKVP"/> <xs:element ref="kvp-dl-pv:TXBEWEBKVP"/> </xs:choice> <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TXPEB_Type"> <xs:annotation> <xs:documentation>Typ: PEB-Konto aufladen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:element ref="kvp-dl-pv:TXLPEB" minOccurs="0"/> <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/> </xs:sequence>

	`</xs:complexType>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

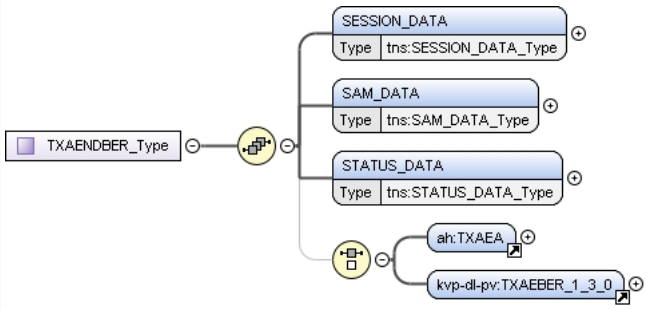
Complex Type `tns:TXLPEB_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Laden eines PEB-Kontos, Antwortstruktur`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXLPEB_Type
Used by	Element tns:TXLPEB
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase

Source	`<xs:complexType name="TXLPEB_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Laden eines PEB-Kontos, Antwortstruktur</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="ion:TX_BASE_Type">`
	`  <xs:sequence>`
	`  <xs:element name="einzahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type"/>`
	`  <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXAENDBER_Type`

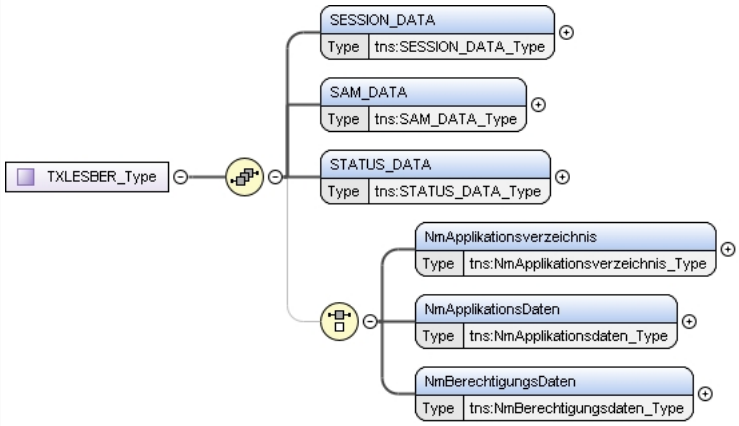
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Berechtigung aendern`
Diagram	
Used by	Element tns:TXAENDBER
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXAEA | tns:TXAEBER_1_3_0)
Children	ah:TXAEA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAEBER_1_3_0

Source	`<xs:complexType name="TXAENDBER_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Berechtigung aendern</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`

```
    <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
    <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
    <xs:choice minOccurs="0">
      <xs:element ref="ah:TXAEA"/>
      <xs:element ref="kvp-dl-pv:TXAEBER_1_3_0"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

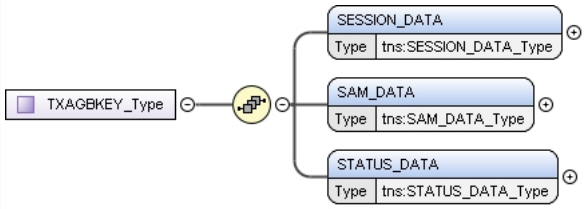
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

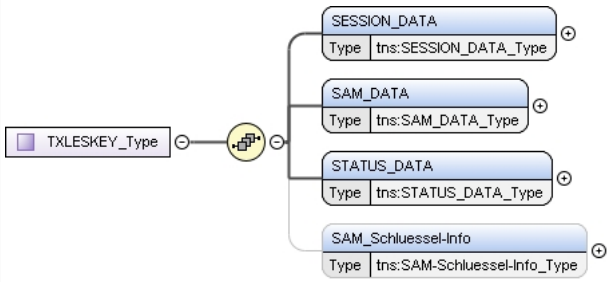
```
<xs:complexType name="TXLESBER_Type">
  <xs:annotation>
    <xs:documentation>Typ: Berechtigung auslesen</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
    <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
    <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
    <xs:choice minOccurs="0">
      <xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type"/>
      <xs:element name="NmApplikationsDaten" type="tns:NmApplikationsdaten_Type"/>
      <xs:element name="NmBerechtigungsDaten" type="tns:NmBerechtigungsdaten_Type"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

Complex Type `tns:TXAGBKEY_Type`

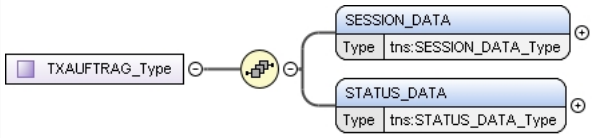
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: LoadKey ausfuehren`
Diagram	
Used by	Element tns:TXAGBKEY

Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXAGBKEY_Type"> <xs:annotation> <xs:documentation>Typ: LoadKey ausfuehren</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXLESKEY_Type

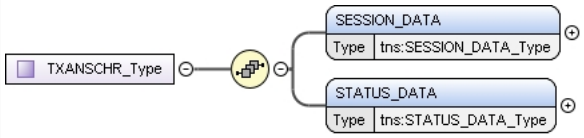
Namespace	http://vdv/ka/pe/2
Annotations	Typ: LoadKey-Zaehler auslesen
Diagram	
Used by	Element tns:TXLESKEY
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:SAM_Schluessel-Info{0,1}
Children	tns:SAM_DATA, tns:SAM_Schluessel-Info, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXLESKEY_Type"> <xs:annotation> <xs:documentation>Typ: LoadKey-Zaehler auslesen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:element name="SAM_Schluessel-Info" type="tns:SAM-Schluessel-Info_Type" minOccurs="0"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type tns:TXAUFTRAG_Type

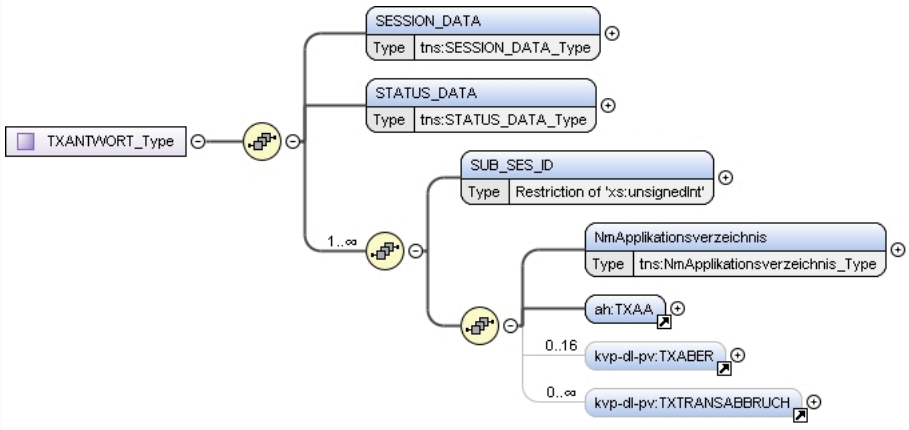
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Auftragsdaten uebermitteln
Diagram	
Used by	Element tns:TXAUFTRAG
Model	tns:SESSION_DATA , tns:STATUS_DATA
Children	tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXAUFTRAG_Type"> <xs:annotation> <xs:documentation>Typ: Auftragsdaten uebermitteln</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>

	</xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TXANSCHR_Type"> <xs:annotation> <xs:documentation>Typ: Anschreibendaten uebermitteln</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

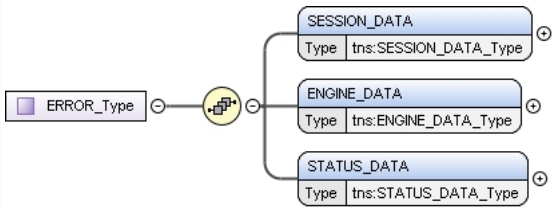
Complex Type tns:TXANTWORT_Type

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	<xs:complexType name="TXANTWORT_Type"> <xs:annotation> <xs:documentation>Typ: Antwortdaten abfragen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/> <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/> <xs:sequence minOccurs="1" maxOccurs="unbounded"> <xs:element name="SUB_SES_ID"> <xs:simpleType> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/>

```
            <xs:maxInclusive value="999999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:sequence>
        <xs:element name="NmApplikationsverzeichnis" type="tns:NmApplikationsverzeichnis_Type"/>
        <xs:element ref="ah:TXAA"/>
        <xs:element ref="kvp-dl-pv:TXABER" minOccurs="0" maxOccurs="16"/>
        <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:sequence>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:complexType name="ERROR_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Ersatzstruktur zur Fehlerausgabe</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="ENGINE_DATA" type="tns:ENGINE_DATA_Type"/>`
	`  <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

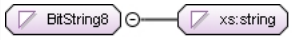
Schema(s)

Imported schema `XML-Schema_Common_Types.xsd`

Namespace	http://vdv/ka/common/types/2
Properties	attribute form default: `unqualified` element form default: `unqualified` version: `1.13.0`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

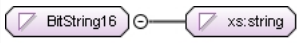
Simple Type(s)

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	
Type	restriction of xs:string

Facets	length	8
	pattern	[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]
Used by	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	<xs:simpleType name="BitString8"> <xs:annotation> <xs:documentation>String mit Laenge von 8 Zeichen, die nur "0" oder "1" enthalten duerfen</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="8" fixed="true"/> <xs:pattern value="[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]"/> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/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	[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]
Used by	Simple Type	tns:VersionNumberExtended
	Element	tns:ION_TX_HEADER_Type/transVersion
Source	<xs:simpleType name="BitString16"> <xs:annotation> <xs:documentation>String mit Laenge von 16 Zeichen, die nur "0" oder "1" enthalten duerfen</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="16" fixed="true"/> <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][0-1]"/> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd	

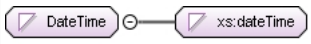
Simple Type tns:INT1

Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum eines Bytes umfasst
Diagram	
Type	restriction of xs:unsignedInt

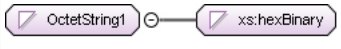
Facets		
	maxInclusive	255
	minInclusive	0
Used by	Simple Types	tns:AHErrorCode, tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsParterRolle, tns:Kundentyp_CODE_Type, tns:NmTransaktionsTyp_CODE, tns:OrtsTyp_CODE_Type, tns:Profil_CODE_Type, 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_Print-

		erError_Type, tns:STATUS_CODE_ServiceOperatorError_Type, tns:STATUS_CODE_Session-Error_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/tran-sSignaturTyp, tns:ION_TX_HEADER_Type/transStatus, tns:ION_TX_HEADER_Type/transTransak-tionsTyp, tns:ION_TX_HEADER_Type/transWiederholungsZaehler, tns:Mitnahme_Type/tns:mitnah-meAnzahl, tns:NmKundendaten_Type/tns:kundeSprache.code, tns:NmKundendaten_Type/tns:kun-denTyp1.code, tns:NmKundendaten_Type/tns:kundenTyp2.code, tns:NmKundendaten_Type/tns:kun-denTyp3.code, tns:NmSystemspezifischerVerzeichnisteil_Type/tns:zeigerSeparaterDatenteil, tns:NmVerzeichniseintragAppDaten_Type/tns:appStatus, tns:NmVerzeichniseintragAppDat-en_Type/tns:appSynchronNummer, tns:NmVerzeichniseintragBerechtigungen_Type/tns:berStatus, tns:NmVerzeichniseintragLetzteTransaktion_Type/tns:logTransaktionsTyp.code, tns:NmVerzeich-niseintragPrioritaeten_Type/tns:berInstanz1, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berIn-stanz10, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz11, tns:NmVerzeichnisein-tragPrioritaeten_Type/tns:berInstanz12, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berIn-stanz13, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz14, tns:NmVerzeichnisein-tragPrioritaeten_Type/tns:berInstanz15, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berIn-stanz16, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz2, tns:NmVerzeichnisein-tragPrioritaeten_Type/tns:berInstanz3, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berIn-stanz4, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz5, tns:NmVerzeichniseintrag-Prioritaeten_Type/tns:berInstanz6, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz7, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz8, tns:NmVerzeichniseintragPriori-taeten_Type/tns:berInstanz9, tns:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchlues-sel_ID_Type/schluesselVersion, tns:TXA_Type/transAblehnungGrund, tns:TX_SANF_Type/sperrSper-rgrund
Source	<xs:simpleType name="INT1"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum eines Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="255"/> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Com-mon_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/Er-stellungsDatum, tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt, tns:SESSION_DA-TA_Type/tns:DATE_TIME
	Simple Type	tns:SelektionKriterien_Type
Source	<xs:simpleType name="DateTime"> <xs:annotation> <xs:documentation>Datum mit Uhrzeit (nutzt den Standard)</xs:documentation> </xs:annotation> <xs:restriction base="xs:dateTime"/> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Com-mon_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:NmVerzeichniseintragSchluessel-register_Type/tns:RFU2, tns:Schluesselversionen_Type/tns:K-ERF-KM-MAC, tns:Schluesselversio-nen_Type/tns:K-KVP-KM-MAC, tns:Schluesselversionen_Type/tns:K-PV-KM-MAC
Source	<xs:simpleType name="OctetString1"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 1 Byte (2 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="1" fixed="true"/> </xs:restriction> </xs:simpleType>	
Schema loca-tion	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Com-mon_Types.xsd	

Simple Type `tns:ReferenceNumberFour`

Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum von vier Bytes umfasst
Diagram	
Type	tns:INT4
Type hierar-chy	• xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour
Facets	maxInclusive: 4294967295 minInclusive: 0
Used by	Elements: tns:Berechtigung_ID_Type/berechtigungNummer, tns:NmApplikationInstanz_ID_Type/NmAp-pInstanznummer, tns:SAM-Schluessel-Info_Type/tns:LoadKey-Zaehler, tns:SAM-Sch-luessel-Info_Type/tns:Nutzungs-Limit, tns:SAM-Schluessel-Info_Type/tns:Nutzungs-Se-quenz-Zaehler, tns:SAM_Transaktion_ID_Type/tns:samSequenznummer, tns:TXTRANSAB-BRUCH_Type/tns:MKAH-PV-Nutzungszaehler, tns:TXTRANSABBRUCH_Type/tns:MKKVP-Nutzungszaehler
Source	<xs:simpleType name="ReferenceNumberFour"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT4"/> </xs:simpleType>
Schema loca-tion	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Com-mon_Types.xsd

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:TX-ASKON_Type/tns:samNutzungsLimitNeu, tns:TXUEBERKON_Type/tns:samLoadKeyZaehler, tns:TXUEBERKON_Type/tns:samNutzungsLimitGen
Source	<xs:simpleType name="INT4"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="4294967295"/> </xs:restriction>

	`</xs:simpleType>`
Schema location	file:/C:/tmp/KA-Interfaces/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	
Type	tns:INT3

Type hierarchy	• xs:unsignedInt
	  • tns:INT3
	  • tns:ReferenceNumberThree

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-Schluessel-Info_Type/tns:SAM_ID.samNummer, tns:SAM_Transaktion_ID_Type/tns:SAM_ID.samNummer Simple Type: tns:SAM_ID_Type

Source	`<xs:simpleType name="ReferenceNumberThree">`
	`  <xs:annotation>`
	`  <xs:documentation>Integer der den positiven Zahlenraum von drei Bytes umfasst</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="tns:INT3"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

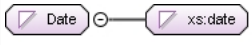
Simple Type `tns:INT3`

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	`<xs:simpleType name="INT3">`
	`  <xs:annotation>`
	`  <xs:documentation>Integer der den positiven Zahlenraum von drei Bytes umfasst</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="xs:unsignedInt">`
	`  <xs:minInclusive value="0"/>`
	`  <xs:maxInclusive value="16777215"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:simpleType name="Date"> <xs:annotation> <xs:documentation>Datum ohne Uhrzeit (nutzt den Standard)</xs:documentation> </xs:annotation> <xs:restriction base="xs:date"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

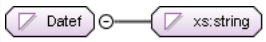
Simple Type tns:ReferenceNumberTwo

Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum von zwei Bytes umfasst
Diagram	
Type	tns:INT2
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Facets	maxInclusive: 65535 minInclusive: 0
Used by	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_Type/tns:kundenTyp2.Anwendungsgebiet, tns:NmKundendaten_Type/tns:kundenTyp3.Anwendungsgebiet, tns:NmVerzeichniseintragApplikationslogbuch_Type/tns:logApplikationSeqNummer, tns:NmVerzeichniseintragBerechtigungen_Type/tns:prodKeyOrganisation_ID, tns:Organisation_ID.organisationsNummer, tns:Organisation_Type/orgId, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:TXKNAWA_Type/tns:logTransaktionsOperator_ID, tns:TXKNAWB_Type/tns:logTransaktionsOperator_ID, tns:Terminal_ID_Type/terminalNummer
Source	<xs:simpleType name="ReferenceNumberTwo"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT2"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

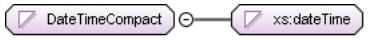
Simple Type tns:INT2

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	<xs:simpleType name="INT2"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="65535"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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 yyyymmdd. "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	<xs:simpleType name="Datef"> <xs:annotation> <xs:documentation>BCD codierte Darstellung eines Datums als "Hexstring" in der Form yyyymmdd. "00000000" ist fuer "keine Angabe". Die Einschraenkung von 00010101 bis 99991231 wie in der BOM gefordert wird ueber das Pattern abgebildet.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="8" fixed="true"/> <xs:pattern value="[0-9][0-9][0-9][0-9][0-1][0-9][0-3][0-9]"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	Datum mit Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschraenkt, 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 ungueltige Werte bei Abschneiden einer Zeitzoneninformation zu vermeiden!
Diagram	
Type	restriction of xs:dateTime
Facets	maxInclusive: 2117-12-31T23:59:58 minInclusive: 1990-01-01T00:00:00
Used by	Elements: ah:TXAEA_Type/appGueltigkeitsbeginn, ah:TXAEA_Type/appGueltigkeitsende, ah:TXKNAWDM_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:TXKNAWB_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	<xs:simpleType name="DateTimeCompact"> <xs:annotation> <xs:documentation>Datum mit Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschraenkt, 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 ungueltige Werte bei Abschneiden einer Zeitzoneninformation zu vermeiden!</xs:documentation>

```
  </xs:annotation>
  <xs:restriction base="xs:dateTime">
    <xs:minInclusive value="1990-01-01T00:00:00"/>
    <xs:maxInclusive value="2117-12-31T23:59:58"/>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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

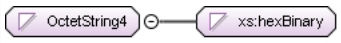
Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:ReferenceNumberOne

Facets	maxInclusive: 255 minInclusive: 0
Used by	Elements: tns:LinieVariante_ID_Type/tns:variantenNummer, tns:NmVerzeichniseintragBerechtigungen_Type/tns:berSynchronNummer

Source	`<xs:simpleType name="ReferenceNumberOne">`
	`  <xs:annotation>`
	`  <xs:documentation>Integer der den positiven Zahlenraum von einem Byte umfasst</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="tns:INT1"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:simpleType name="OctetString4">`
	`  <xs:annotation>`
	`  <xs:documentation>Hexstring mit einer maximalen Laenge von 4 Byte (8 Zeichen)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="xs:hexBinary">`
	`  <xs:length value="4" fixed="true"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

Simple Type `tns:SequenceNumberFour`

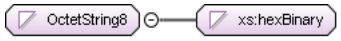
Namespace	http://vdv/ka/common/types/2
Annotations	`Integer der den positiven Zahlenraum von vier Bytes umfasst.` `Fachlich eine aufsteigende Sequenznummer.`
Diagram	
Type	tns:INT4

Type hierarchy	• xs:unsignedInt • tns:INT4 • tns:SequenceNumberFour
Facets	maxInclusive 4294967295 minInclusive 0
Used by	Elements ah:TXSANFS_Type/samSequenznummer, tns:IONTransaktion_ID_Type/transSequenznummer, tns:NmTransaktion_ID_Type/tns:samSequenznummer

Source	`<xs:simpleType name="SequenceNumberFour">`
	`  <xs:annotation>`
	`  <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="tns:INT4"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:simpleType name="OctetString8">`
	`  <xs:annotation>`
	`  <xs:documentation>Hexstring mit einer maximalen Laenge von 8 Byte (16 Zeichen)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="xs:hexBinary">`
	`  <xs:length value="8" fixed="true"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

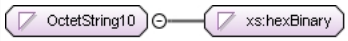
Simple Type `tns:SequenceNumberTwo`

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	• xs:unsignedInt • tns:INT2 • tns:SequenceNumberTwo
Facets	maxInclusive 65535 minInclusive 0
Used by	Element tns:AllgemeineTransaktionsdaten/tns:logApplikationSeqNummer

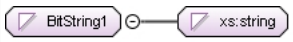
Source	`<xs:simpleType name="SequenceNumberTwo">`
	`  <xs:annotation>`
	`  <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="tns:INT2"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

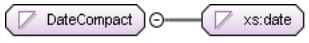
Simple Type `tns:OctetString10`

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	<xs:simpleType name="OctetString10"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 10 Byte (20 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="10" fixed="true"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	
Type	restriction of xs:string
Facets	length 1 pattern [0-1]
Source	<xs:simpleType name="BitString1"> <xs:annotation> <xs:documentation>String mit Laenge von 1 Zeichen, das nur "0" oder "1" enthalten darf</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="1" fixed="true"/> <xs:pattern value="[0-1]"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

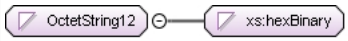
Simple Type `tns:DateCompact`

Namespace	http://vdv/ka/common/types/2
Annotations	Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschraenkt, 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.).
Diagram	
Type	restriction of xs:date
Facets	maxInclusive 2117-12-31 minInclusive 1990-01-01
Source	<xs:simpleType name="DateCompact"> <xs:annotation>

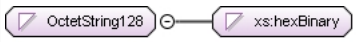
```
    <xs:documentation>Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der
 Wertebereich eingeschraenkt, so dass ueber eine binaere Darstellung im Nutzermedium 2 Byte
 ausreichend sind. 1990-01-01 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02
 (siehe BOM Spez.).</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:date">
    <xs:minInclusive value="1990-01-01"/>
    <xs:maxInclusive value="2117-12-31"/>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

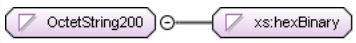
Simple Type `tns:OctetString12`

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	<xs:simpleType name="OctetString12"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 12 Byte (24 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="12" fixed="true"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:simpleType name="OctetString128"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 128 Byte (256 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="128" fixed="true"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

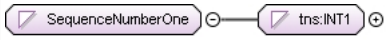
Simple Type `tns:OctetString200`

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	<xs:simpleType name="OctetString200"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 200 Byte (400 Zeichen)</xs:documentation>

```
  </xs:annotation>
  <xs:restriction base="xs:hexBinary">
    <xs:length value="200" fixed="true"/>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:SequenceNumberOne

Facets	maxInclusive `255` minInclusive `0`

Source	`<xs:simpleType name="SequenceNumberOne">`
	`  <xs:annotation>`
	`  <xs:documentation>Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="tns:INT1"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT3
	  • tns:SequenceNumberThree

Facets	maxInclusive `16777215` minInclusive `0`

Source	`<xs:simpleType name="SequenceNumberThree">`
	`  <xs:annotation>`
	`  <xs:documentation>Integer der den positiven Zahlenraum von drei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="tns:INT3"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd

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

Schema(s)

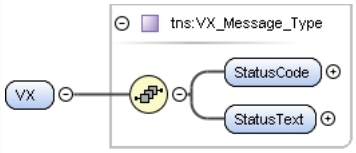
Imported schema `XML-Schema_KA_Common.xsd`

Namespace	http://vdv/ka/common/2
Properties	attribute form default: `unqualified`

	element form default:	unqualified
	version:	1.13.0
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:VX xmlns:tns="http://vdv/ka/common/2"> <StatusCode>{1,1}</StatusCode> <StatusText>{1,1}</StatusText> </tns:VX>
Source	<xs:element name="VX" type="tns:VX_Message_Type"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID	
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_DATA_Type/tns:samOrganisations_ID, tns:TXSFREIMITO_Type/tns:orgSperrkandidat, tns:TXSMITO_Type/tns:orgSperrkandidat, tns:TXSNAWA_Req_Type/orgSperrkandidat, tns:TXSNAW-

	B_Req_Type/orgSperrkandidat, tns:TX_LOG_Type/tns:logTransaktionsoperator_ID, tns:Terminal_ID_Type/terminalOwner_ID
Source	<xs:simpleType name="Organisation_ID"> <xs:annotation> <xs:documentation>Type: Eindeutiger Identifier einer Organisation</xs:documentation> </xs:annotation> <xs:restriction base="ct:ReferenceNumberTwo"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

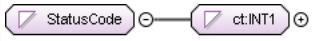
Simple Type `tns:KommunikationsParterRolle`

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	• xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle
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	<xs:simpleType name="KommunikationsParterRolle"> <xs:annotation> <xs:documentation>Rolle des Kommunikationspartners: 1=KVP, 2=DL, 3=PV, 4=AH, 5=KOSES</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Unbekannt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>KVP</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>DL</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>PV</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>AH</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>KOSES</xs:documentation> </xs:annotation>

```
    </xs:enumeration>
    <xs:enumeration value="254">
      <xs:annotation>
        <xs:documentation>ZVM</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:StatusCode

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

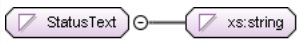
Source

```
<xs:simpleType name="StatusCode">
  <xs:annotation>
    <xs:documentation>Status Codes einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone
 Nachrichten)</xs:documentation>
  </xs:annotation>
  <xs:restriction base="ct:INT1">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen
 Informationen zur Weiterleitung liegen vor.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Ungueltige Nachricht. Die Sender ID oder die Routing Information kann
 nicht aus dem SOAP Header extrahiert werden.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
```

```
      <xs:annotation>
        <xs:documentation>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.</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen
 ist in der VM keine technische Empfaengeradresse hinterlegt.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum
 Empfaenger aufgebaut werden.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>Die asynchrone Nachricht kann nicht zwischengespeichert werden.</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle
 nicht bekannt.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="255">
      <xs:annotation>
        <xs:documentation>Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht
 konnte nicht erfolgreich entgegengenommen werden.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

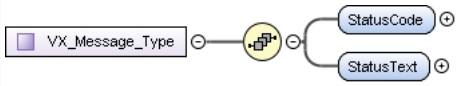
Simple Type `tns:StatusText`

Namespace	http://vdv/ka/common/2
Annotations	Textuelle Beschreibung des "Status Codes" einer KA VX Nachricht
Diagram	
Type	restriction of xs:string
Facets	maxLength 255
Used by	Element tns:VX_Message_Type/StatusText
Source	<xs:simpleType name="StatusText"> <xs:annotation> <xs:documentation>Textuelle Beschreibung des "Status Codes" einer KA VX Nachricht</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

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 tns:VX
Model	StatusCode , StatusText
Children	StatusCode, StatusText
Source	<xs:complexType name="VX_Message_Type"> <xs:annotation> <xs:documentation>Type: Struktur einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="StatusCode" type="tns:StatusCode"/> <xs:element name="StatusText" type="tns:StatusText"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

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

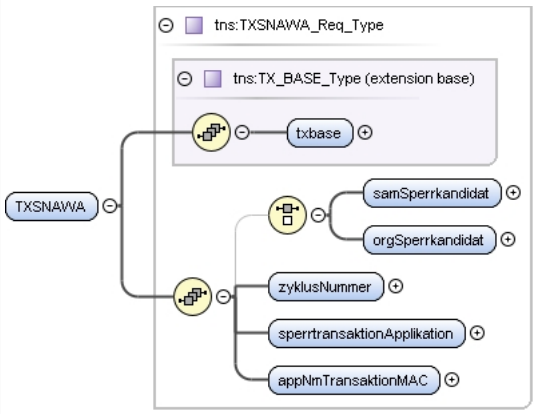
Schema(s)

Imported schema `XML-Schema_ION.xsd`

Namespace	http://vdv/ka/ion/2
Properties	attribute form default: unqualified element form default: unqualified version: 1.13.0
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

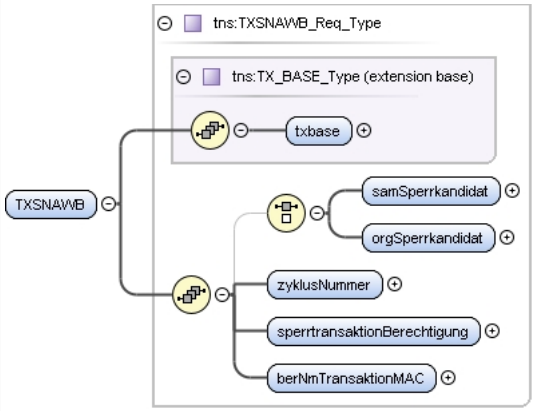
Element(s)

Element `tns:TXSNAWA`

Namespace	http://vdv/ka/ion/2
Annotations	Element: Dienstanfrage "Sperrnachweis Applikation"
Diagram	
Type	tns:TXSNAWA_Req_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXSNAWA_Req_Type
Properties	content: complex
Used by	Complex Type tns:TXSBER_Type

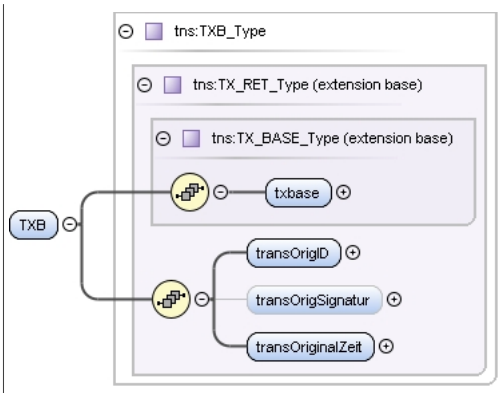
Model	txbase , (samSperrkandidat | orgSperrkandidat) , zyklusNummer , sperrtransaktionApplikation , appNmTransaktionMAC
Children	appNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrtransaktionApplikation, txbase, zyklusNummer
Instance	<tns:TXSNAWA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <samSperrkandidat>{1,1}</samSperrkandidat> <orgSperrkandidat>{1,1}</orgSperrkandidat> <zyklusNummer>{1,1}</zyklusNummer> <sperrtransaktionApplikation>{1,1}</sperrtransaktionApplikation> <appNmTransaktionMAC>{1,1}</appNmTransaktionMAC> </tns:TXSNAWA>
Source	<xs:element name="TXSNAWA" type="tns:TXSNAWA_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage "Sperrnachweis Applikation"</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXSNAWB_Req_Type
Properties	content: complex
Used by	Complex Type tns:TXSBER_Type
Model	txbase , (samSperrkandidat | orgSperrkandidat) , zyklusNummer , sperrtransaktionBerechtigung , berNmTransaktionMAC
Children	berNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrtransaktionBerechtigung, txbase, zyklusNummer
Instance	<tns:TXSNAWB xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <samSperrkandidat>{1,1}</samSperrkandidat> <orgSperrkandidat>{1,1}</orgSperrkandidat> <zyklusNummer>{1,1}</zyklusNummer> <sperrtransaktionBerechtigung>{1,1}</sperrtransaktionBerechtigung> <berNmTransaktionMAC>{1,1}</berNmTransaktionMAC> </tns:TXSNAWB>
Source	<xs:element name="TXSNAWB" type="tns:TXSNAWB_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage "Sperrnachweis Berechtigung"</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXB

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

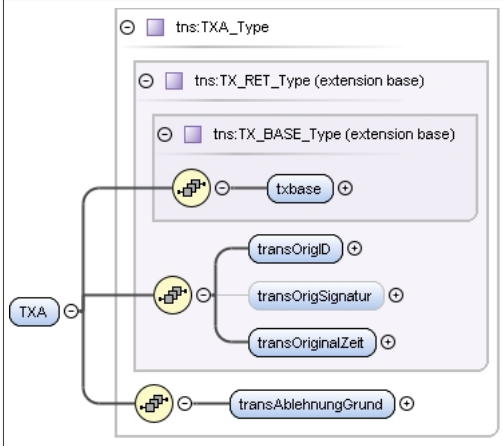
Diagram	
Type	tns:TXB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • tns:TXB_Type
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase

Instance	`<tns:TXB xmlns:tns="http://vdv/ka/ion/2">`
	`<txbase>{1,1}</txbase>`
	`<transOrigID>{1,1}</transOrigID>`
	`<transOrigSignatur>{0,1}</transOrigSignatur>`
	`<transOriginalZeit>{1,1}</transOriginalZeit>`
	`</tns:TXB>`

Source	`<xs:element name="TXB" type="tns:TXB_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Bestaetigung einer ION-Transaktion</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

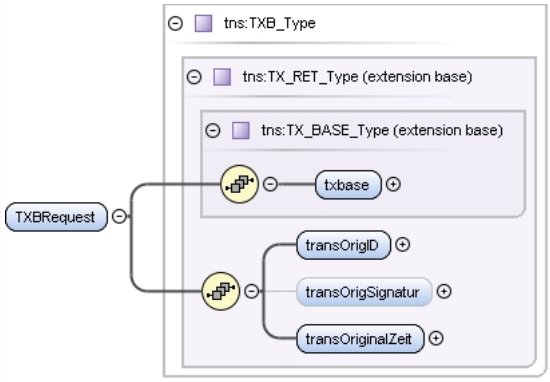
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXA

Namespace	http://vdv/ka/ion/2
Annotations	Element: Ablehnung einer ION-Transaktion
Diagram	
Type	tns:TXA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • tns:TXA_Type
Properties	content: complex

Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<tns:TXA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> <transAblehnungGrund>{1,1}</transAblehnungGrund> </tns:TXA>
Source	<xs:element name="TXA" type="tns:TXA_Type"> <xs:annotation> <xs:documentation>Element: Ablehnung einer ION-Transaktion</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXBRequest

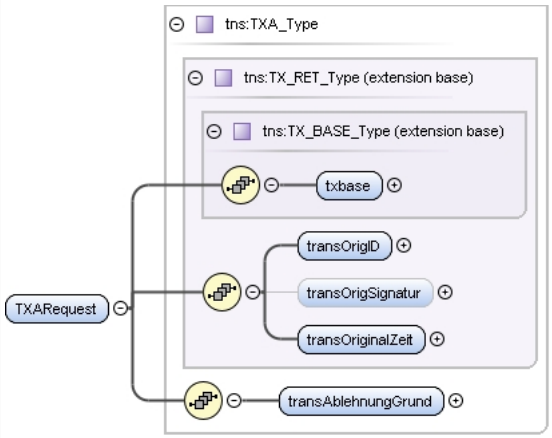
Namespace	http://vdv/ka/ion/2
Annotations	Element: Mitteilung eines Verarbeitungsstatus (OK)
Diagram	
Type	tns:TXB_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_RET_Type
	  • tns:TXB_Type

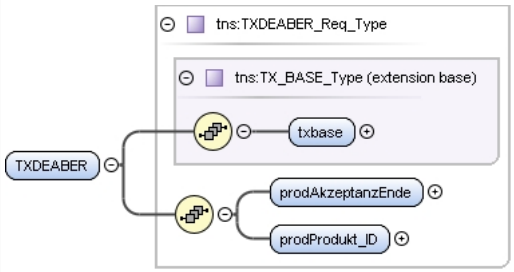
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<tns:TXBRequest xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> </tns:TXBRequest>
Source	<xs:element name="TXBRequest" type="tns:TXB_Type"> <xs:annotation> <xs:documentation>Element: Mitteilung eines Verarbeitungsstatus (OK)</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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)

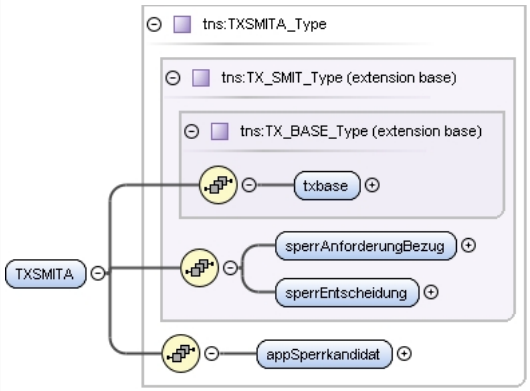
Diagram	
Type	tns:TXA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • tns:TXA_Type
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<tns:TXARequest xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> <transAblehnungGrund>{1,1}</transAblehnungGrund> </tns:TXARequest>
Source	<xs:element name="TXARequest" type="tns:TXA_Type"> <xs:annotation> <xs:documentation>Element: Mitteilung eines Verarbeitungsstatus (Fehlerhaft im Drittsystem)</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXDEABER_Req_Type
Properties	content: complex
Model	txbase , prodAkzeptanzEnde , prodProdukt_ID
Children	prodAkzeptanzEnde, prodProdukt_ID, txbase
Instance	<tns:TXDEABER xmlns:tns="http://vdv/ka/ion/2">

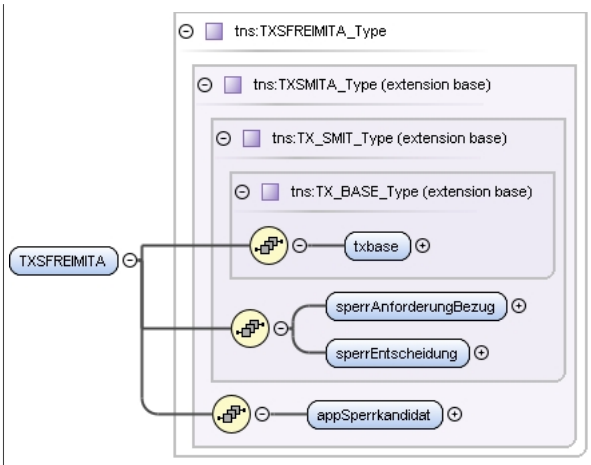
	<txbase>{1,1}</txbase> <prodAkzeptanzEnde>{1,1}</prodAkzeptanzEnde> <prodProdukt_ID>{1,1}</prodProdukt_ID> </tns:TXDEABER>
Source	<xs:element name="TXDEABER" type="tns:TXDEABER_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage: "Loeschen einer Produkt-Akzeptanz von allen akzeptierenden Organisationen"</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITA_Type
Properties	content: complex nillable: false
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<tns:TXSMITA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <appSperrkandidat>{1,1}</appSperrkandidat> </tns:TXSMITA>
Source	<xs:element name="TXSMITA" type="tns:TXSMITA_Type" nillable="false"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung Applikation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

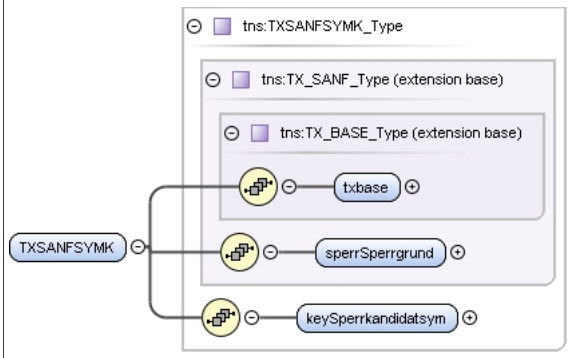
Diagram	
Type	tns:TXSFREIMITA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITA_Type • tns:TXSFREIMITA_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase

Instance	`<tns:TXSFREIMITA xmlns:tns="http://vdv/ka/ion/2">`
	`<txbase>{1,1}</txbase>`
	`<sperrAnforderungBezug>{1,1}</sperrAnforderungBezug>`
	`<sperrEntscheidung>{1,1}</sperrEntscheidung>`
	`<appSperrkandidat>{1,1}</appSperrkandidat>`
	`</tns:TXSFREIMITA>`

Source	`<xs:element name="TXSFREIMITA" type="tns:TXSFREIMITA_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Sperrfreigabemitteilung Applikation</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

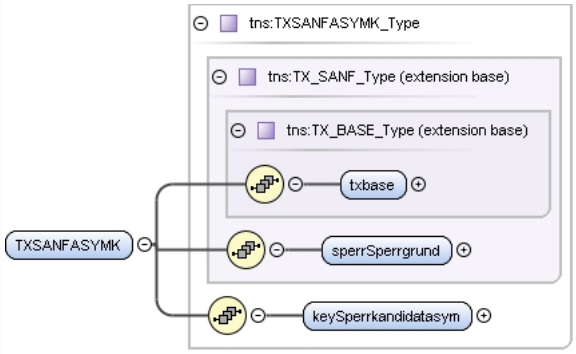
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSANFSYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperranforderung fuer einen symmetrischen Schluessel
Diagram	
Type	tns:TXSANFSYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type

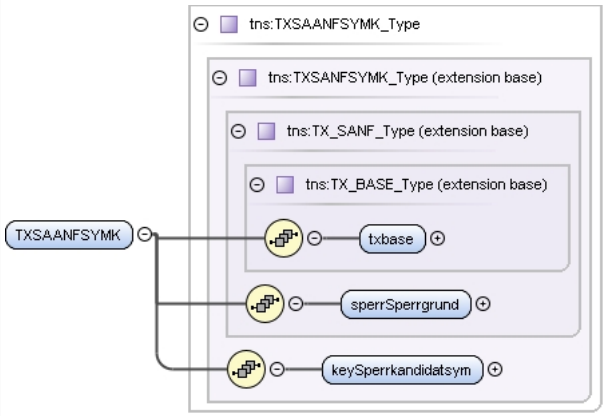
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase
Instance	<tns:TXSANFSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSANFSYMK>
Source	<xs:element name="TXSANFSYMK" type="tns:TXSANFSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer einen symmetrischen Schluessel</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFASYMK_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatasym
Children	keySperrkandidatasym, sperrSperrgrund, txbase
Instance	<tns:TXSANFASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatasym>{1,1}</keySperrkandidatasym> </tns:TXSANFASYMK>
Source	<xs:element name="TXSANFASYMK" type="tns:TXSANFASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer einen asymmetrischen Schluessel</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

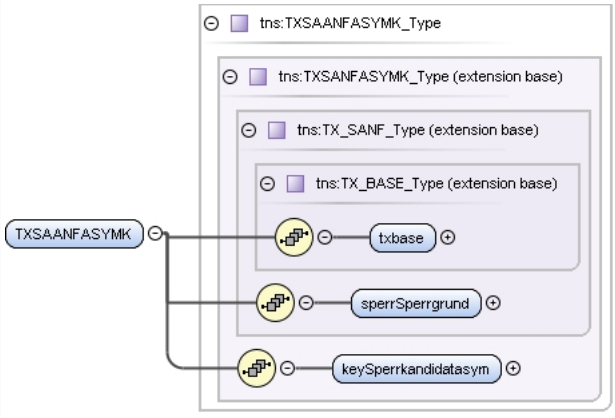
Diagram	
Type	tns:TXSAANFSYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type • tns:TXSAANFSYMK_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase

Instance	`<tns:TXSAANFSYMK xmlns:tns="http://vdv/ka/ion/2">`
	`<txbase>{1,1}</txbase>`
	`<sperrSperrgrund>{1,1}</sperrSperrgrund>`
	`<keySperrkandidatsym>{1,1}</keySperrkandidatsym>`
	`</tns:TXSAANFSYMK>`

Source	`<xs:element name="TXSAANFSYMK" type="tns:TXSAANFSYMK_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

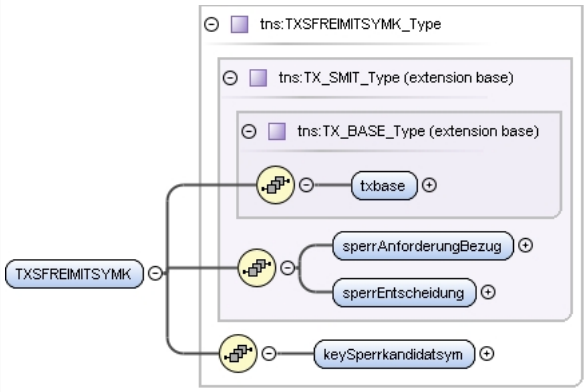
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSAANFASYMK

Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel
Diagram	
Type	tns:TXSAANFASYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFASYMK_Type

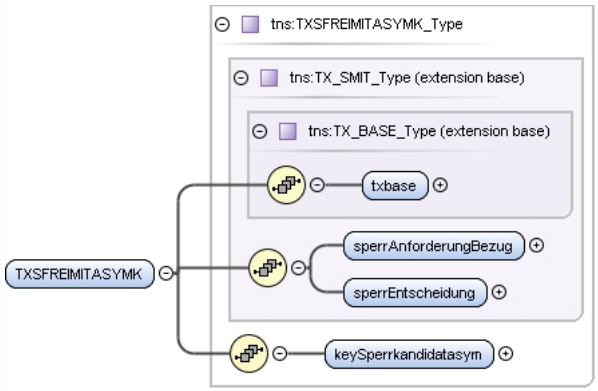
	• tns:TXSAANFASYMK_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatasym
Children	keySperrkandidatasym, sperrSperrgrund, txbase
Instance	<tns:TXSAANFASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatasym>{1,1}</keySperrkandidatasym> </tns:TXSAANFASYMK>
Source	<xs:element name="TXSAANFASYMK" type="tns:TXSAANFASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSFREIMITSYMK

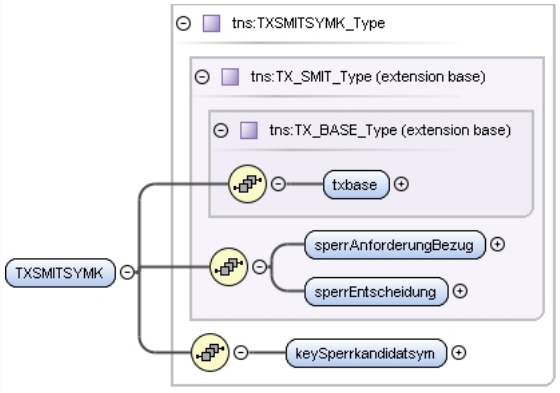
Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperrfreigabemitteilung symmetrischer Key
Diagram	
Type	tns:TXSFREIMITSYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITSYMK_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<tns:TXSFREIMITSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSFREIMITSYMK>
Source	<xs:element name="TXSFREIMITSYMK" type="tns:TXSFREIMITSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung symmetrischer Key</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

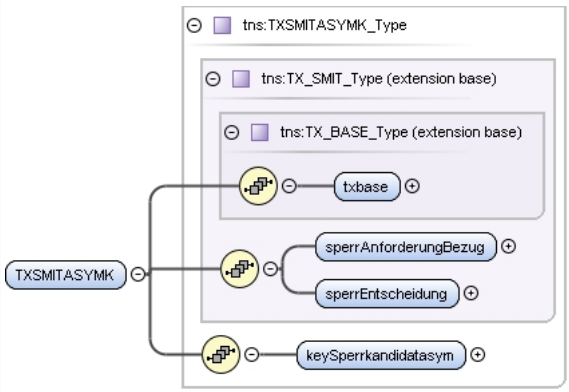
Diagram	
Type	tns:TXSFREIMITASYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITASYMK_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasym
Children	keySperrkandidatasym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<tns:TXSFREIMITASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatasym>{1,1}</keySperrkandidatasym> </tns:TXSFREIMITASYMK>
Source	<xs:element name="TXSFREIMITASYMK" type="tns:TXSFREIMITASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung asymmetrischer Key</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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 Schluessel
Diagram	
Type	tns:TXSMITSYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITSYMK_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym

Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<tns:TXSMITSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSMITSYMK>
Source	<xs:element name="TXSMITSYMK" type="tns:TXSMITSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung symmetrischer Schluessel</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element `tns:TXSMITASYMK`

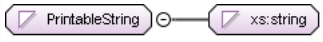
Namespace	http://vdv/ka/ion/2
Annotations	Element: Sperrmitteilung asymmetrischer Schluessel
Diagram	
Type	tns:TXSMITASYMK_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SMIT_Type
	  • tns:TXSMITASYMK_Type

Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasym
Children	keySperrkandidatasym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<tns:TXSMITASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatasym>{1,1}</keySperrkandidatasym> </tns:TXSMITASYMK>
Source	<xs:element name="TXSMITASYMK" type="tns:TXSMITASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung asymmetrischer Schluessel</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

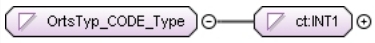
Simple Type(s)

Simple Type `tns:PrintableString`

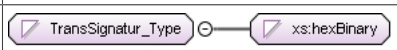
Namespace	http://vdv/ka/ion/2
Diagram	
Type	restriction of xs:string
Facets	pattern [-þ]*

Used by	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
Source	<xs:simpleType name="PrintableString"> <xs:restriction base="xs:string"> <xs:pattern value="[-þ]*"/> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/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 OrtsTypEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.
Diagram	
Type	tns:INT1
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:OrtsTyp_CODE_Type
Facets	maxInclusive 255 minInclusive 0
Used by	Element tns:Ort_ID_Type/ortTyp
Source	<xs:simpleType name="OrtsTyp_CODE_Type"> <xs:annotation> <xs:documentation>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 OrtsTypEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:simpleType name="TransSignatur_Type"> <xs:annotation> <xs:documentation>Typ fuer die Signatur auf der Transaktion (altes Verfahren)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary">

```
    <xs:length value="128" fixed="true"/>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT3
	  • tns:ReferenceNumberThree
	  • tns:SAM_ID_Type

Facets	maxInclusive `16777215` minInclusive `0`
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:TXSNAWA_Req_Type/samSperrkandidat, tns:TXSNAWB_Req_Type/samSperrkandidat, tns:TXUEBERKON_Type/tns:samSAM_ID

Source	`<xs:simpleType name="SAM_ID_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Type: Eindeutiger Identifizierer eines Secure Application Module (SAM)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="ct:ReferenceNumberThree"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	`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.`

Diagram	
Type	tns:INT1

Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:TerminalTyp_CODE_Type

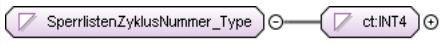
Facets	maxInclusive `255` minInclusive `0`
Used by	Element tns:Terminal_ID_Type/terminalTyp

Source	`<xs:simpleType name="TerminalTyp_CODE_Type">`
	`  <xs:annotation>`
	` <xs:documentation>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.</xs:documentation>`

```
  </xs:annotation>
  <xs:restriction base="ct:INT1"/>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

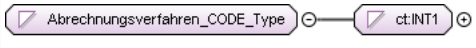
Simple Type `tns:SperrlistenZyklusNummer_Type`

Namespace	http://vdv/ka/ion/2
Annotations	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.
Diagram	
Type	tns:INT4

Type hierarchy	• xs:unsignedInt
	  • tns:INT4
	  • tns:SperrlistenZyklusNummer_Type

Facets	maxInclusive 4294967295 minInclusive 0
Used by	Elements tns:TXSNAWA_Req_Type/zyklusNummer, tns:TXSNAWB_Req_Type/zyklusNummer
Source	<xs:simpleType name="SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT4"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:Abrechnungsverfahren_CODE_Type

Facets	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		

```
<xs:simpleType name="Abrechnungsverfahren_CODE_Type">
  <xs:annotation>
    <xs:documentation>Der AbrechnungsVerfahren_CODE klassifiziert das Verfahren der
 Fahrpreisabrechnung.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="ct:INT1">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>Keine Angabe</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Pre-Paid</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Post-Paid</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Trip-Paid</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	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.	
Diagram		
Type	tns:INT1	

Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:Bezahlart_CODE_Type	

Facets	maxInclusive	255
	minInclusive	0
Used by	Elements	tns:TXANLN_Type/tns:berBezahlArt, tns:TXAUSEFS_Type/tns:berBezahlArt, tns:TX_BER_Type/berBezahlArt
Source		

```
<xs:simpleType name="Bezahlart_CODE_Type">
  <xs:annotation>
    <xs:documentation>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.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="ct:INT1"/>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:CommonServiceResultCode

Facets

maxInclusive	255	
minInclusive	0	
enumeration	2	Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten 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

```
<xs:simpleType name="CommonServiceResultCode">
  <xs:annotation>
    <xs:documentation>Dienstuebergreifende Ergebniscodes. In BOM Ablehnungstype_Code bis auf Fall
 "0". Dieser Typ ist nicht direkt eingebunden und dient der Vollstaendigkeit der Schnittstelle.</
xs:documentation>
  </xs:annotation>
  <xs:restriction base="ct:INT1">
    <!-- <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Erfolgreich</
xs:documentation>
                </xs:annotation> </xs:enumeration> -->
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der
 fachlichen Nachricht ueberein.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Falsche Senderrolle</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Organisations-ID des Senders ist unbekannt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>Die Organisation wurde durch den AH gesperrt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Transaktion betrifft gesperrtes Objekt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Falsche Referenz</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="254">
      <xs:annotation>
        <xs:documentation>Service/Transaktion wird nicht unterstuetzt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
```

	`</xs:simpleType>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:NmTransaktionsTyp_CODE

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	Rückgabetransaktion EFS ueber Aktionsliste

Used by	Element	tns:TX_LOG_Type/tns:logTransaktionsTyp_ID

Source

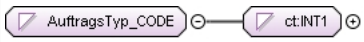
```
<xs:simpleType name="NmTransaktionsTyp_CODE">
  <xs:annotation>
    <xs:documentation>Der NmTransaktionstyp_CODE klassifiziert Arten von Transaktionen, die mit
 Wertobjekten auf dem Nutzermedium auftreten</xs:documentation>
  </xs:annotation>
```

```
<xs:restriction base="ct:INT1">
  <xs:enumeration value="0">
    <xs:annotation>
      <xs:documentation>Keine Angabe</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1">
    <xs:annotation>
      <xs:documentation>Ausgabetransaktion – Applikation oder Berechtigung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2">
    <xs:annotation>
      <xs:documentation>Entwertung</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="11">
    <xs:annotation>
      <xs:documentation>CI</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="12">
    <xs:annotation>
      <xs:documentation>CO</xs:documentation>
    </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>
    <xs:enumeration value="34">
      <xs:annotation>
        <xs:documentation>Check personal (CPKontrolldatensatz fuer Kontrollterminal)</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="35">
      <xs:annotation>
        <xs:documentation>Auto CO</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="36">
      <xs:annotation>
        <xs:documentation>manuelles CO (nachtraeglich durch den Nutzer)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="37">
      <xs:annotation>
        <xs:documentation>Ausgabe EFS ueber Aktionsliste</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="38">
      <xs:annotation>
        <xs:documentation>Entsperrtransaktion EFS ueber Aktionsliste</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="39">
      <xs:annotation>
        <xs:documentation>Rückgabetransaktion EFS ueber Aktionsliste</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Simple Type `tns:AuftragsTyp_CODE`

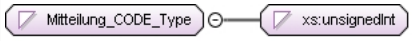
Namespace	http://vdv/ka/ion/2
Annotations	`Der Code des Auftrages als Aufzaehlung.`
Diagram	
Type	tns:INT1

Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:AuftragsTyp_CODE

Facets	maxInclusive `255` minInclusive `0`
Used by	Element tns:TXAS_Type/transSendeAuftragstyp

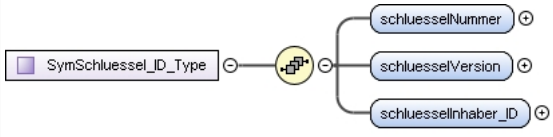
Source	<xs:simpleType name="AuftragsTyp_CODE"> <xs:annotation> <xs:documentation>Der Code des Auftrages als Aufzaehlung.</xs:documentation> </xs:annotation> <!-- TODO: bitte als Aufzaehlung!!! --> <xs:restriction base="ct:INT1"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_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	enumeration 1 enumeration 2 enumeration 3 enumeration 4
Used by	Element tns:TX_SMIT_Type/sperrEntscheidung
Source	<xs:simpleType name="Mitteilung_CODE_Type"> <xs:annotation> <xs:documentation>Typ: Mitteilung Codes BOM 6_40</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type(s)

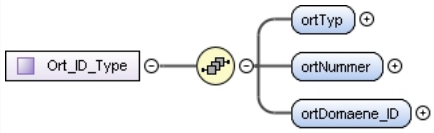
Complex Type `tns:SymSchluessel_ID_Type`

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:Schluesselname, tns:TXASKON_Type/tns:samSchluessel_ID, tns:TXSANFSYMK_Type/keySperrkandidatsym, tns:TXSFREIMITSYMK_Type/keySperrkandidatsym, tns:TXSMITSYMK_Type/keySperrkandidatsym, tns:TXTRANSABBRUCH_Type/tns:MKAH-PV-NM-MAC_ID, tns:TXTRANSABBRUCH_Type/tns:MKKVP--NM-MAC_ID, tns:TXUEBERKON_Type/tns:samSchluessel_ID, tns:appNmTransaktionMAC_Type/appMAC_AH_Schluessel_ID, tns:appNmTransaktionMAC_Type/appMAC_KVP_Schluessel_ID, tns:berNmTransaktionMAC_Type/berMAC_KVP_Schluessel_ID, tns:berNmTransaktionMAC_Type/berMAC_PV_Schluessel_ID
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Source	<xs:complexType name="SymSchluessel_ID_Type"> <xs:annotation> <xs:documentation>Typ: Schluessel ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="schluesselNummer" type="ct:INT1"/>

```
    <xs:element name="schluesselVersion" type="ct:INT1"/>
    <xs:element name="schluesselInhaber_ID" type="ct:ReferenceNumberTwo"/>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

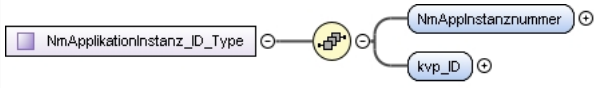
Complex Type `tns:Ort_ID_Type`

Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Datenstruktur Ort_ID`
Diagram	
Used by	Elements: 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
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp

Source	`<xs:complexType name="Ort_ID_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Datenstruktur Ort_ID</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type"/>`
	`  <xs:element name="ortNummer" type="ct:ReferenceNumberThree"/>`
	`  <!-- Wilk Hoffmann: korrigiert -->`
	`  <xs:element name="ortDomaene_ID" type="ka:Organisation_ID"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:complexType name="NmApplikationInstanz_ID_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: ID einer Applikationsinstanz auf dem Nutzermedium</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour"/>`

	<xs:element name="kvp_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:Berechtigung_ID_Type`

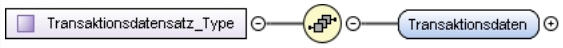
Namespace	http://vdv/ka/ion/2
Annotations	Typ: ID einer Berechtigung
Diagram	
Used by	Elements: tns:NmVerzeichniseintragBerechtigungen_Type/tns:berBerechtigung_ID, tns:TXAE-BER_Type_1_3_0/tns:berBerechtigung_ID, tns:TXANLN_Type/tns:berBerechtigung_ID, tns:TXASBER_Type/tns:berBerechtigung_ID, tns:TXAUSEFS_Type/tns:berBerechtigung_ID, 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	<xs:complexType name="Berechtigung_ID_Type"> <xs:annotation> <xs:documentation>Typ: ID einer Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour"/> <xs:element name="kvp_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:EFMProdukt_ID_Type`

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Datenstruktur EFMProdukt_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/prodProdukt_ID, tns:TXSANFB_Type/tns:prodProdukt_ID
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Source	<xs:complexType name="EFMProdukt_ID_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur EFMProdukt_ID, bestehend aus Produktverantwortlichen und Produktnummer (zusammen eindeutig)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="produktNummer" type="ct:ReferenceNumberTwo" minOccurs="0" maxOccurs="1"/> <xs:element name="organisationID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:Transaktionsdatensatz_Type`

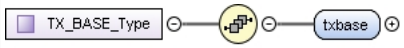
Namespace	http://vdv/ka/ion/2

Annotations	Typ: Transaktionsdatensatz
Diagram	
Used by	Elements: ah:TXAA_Type/ausgabeTransaktionApplikation, ah:TXRA_Type/ruecknahmeTransaktionApplikation, tns:NmApplikationsdaten_Type/tns:LetzteTransaktion, tns:NmApplikationslogbuch_Type/tns:Transaktionsdatensatz, tns:NmBerechtigungsdaten_Type/tns:LetzteTransaktion, tns:TXABER_Type/tns:ausgabeTransaktionBerechtigung, tns:TXAENBER_Type/tns:fahrttransaktion, tns:TXBEKODL_Type/tns:fahrttransaktion, tns:TXBEWEBKOKVP_Type/tns:belastungstransaktionBerechtigung, tns:TXEBER_Type/tns:fahrttransaktion, tns:TXGKO_Type/tns:belastungstransaktionBerechtigung, tns:TXGWEB_Type/tns:belastungstransaktionBerechtigung, tns:TXLPEB_Type/tns:einzahlungsbelegBerechtigung, tns:TXLPEB_Type/tns:einzahlungsbelegBerechtigung, tns:TXRBER_Type/tns:ruecknahmeTransaktionBerechtigung, tns:TXSNAWA_Req_Type/sperrtransaktionApplikation, tns:TXSNAWB_Req_Type/sperrtransaktionBerechtigung
Model	Transaktionsdaten
Children	Transaktionsdaten

Source	`<xs:complexType name="Transaktionsdatensatz_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Transaktionsdatensatz</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="Transaktionsdaten" type="xs:hexBinary"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TX_BASE_Type`

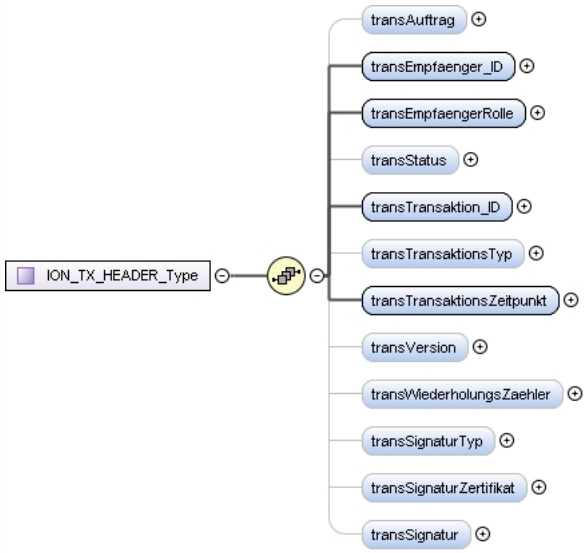
Namespace	http://vdv/ka/ion/2
Annotations	Basisdaten fuer alle Transaktionen
Diagram	
Used by	Complex Types: ah:TXAA_Type, ah:TXAEA_Type, ah:TXKNAWDM_Type, ah:TXLKAORG_Req_Type, ah:TXLZVMORG_Req_Type, ah:TXRA_Type, tns:TXABER_Type, tns:TXADM_Type, tns:TXAEBER_Type, tns:TXAEBER_Type_1_3_0, tns:TXAENBER_Type, 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
Model	txbase
Children	txbase

Source	`<xs:complexType name="TX_BASE_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Basisdaten fuer alle Transaktionen</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="txbase" type="tns:ION_TX_HEADER_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Fachliche Daten ueber die in der Transaktion involvierten Systeme</`
	`xs:documentation>`
	`  </xs:annotation>`
	`  </xs:element>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/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

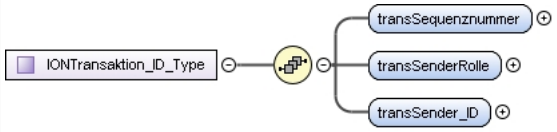
Diagram	
Used by	Element tns:TX_BASE_Type/txbase
Model	transAuftrag{0,1} , transEmpfaenger_ID , transEmpfaengerRolle , transStatus{0,1} , transTransaktion_ID , transTransaktionsTyp{0,1} , transTransaktionsZeitpunkt , transVersion{0,1} , transWiederholungsZaehler{0,1} , transSignaturTyp{0,1} , transSignaturZertifikat{0,1} , transSignatur{0,1}
Children	transAuftrag, transEmpfaengerRolle, transEmpfaenger_ID, transSignatur, transSignaturTyp, transSignaturZertifikat, transStatus, transTransaktion_ID, transTransaktionsTyp, transTransaktionsZeitpunkt, transVersion, transWiederholungsZaehler

Source	`<xs:complexType name="ION_TX_HEADER_Type">`
	`<xs:annotation>`
	`<xs:documentation>Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/>`
	`<xs:element name="transEmpfaenger_ID" type="ka:Organisation_ID">`
	`<xs:annotation>`
	`<xs:documentation>Eindeutige OrganisationsId des Nachrichtenempfaengers</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle">`
	`<xs:annotation>`
	`<xs:documentation>Rolle des Nachrichtenempfaengers</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1"/>`
	`<xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type"/>`
	`<xs:element name="transTransaktionsTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/>`
	`<xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime">`
	`<xs:annotation>`
	`<xs:documentation>Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1"/>`
	`<xs:element name="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1"/>`
	`<xs:element name="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/>`
	`<xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1">`
	`<xs:simpleType>`
	`<xs:restriction base="xs:hexBinary">`
	`<xs:length value="378" fixed="true"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`<xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/>`
	`</xs:sequence>`
	`</xs:complexType>`

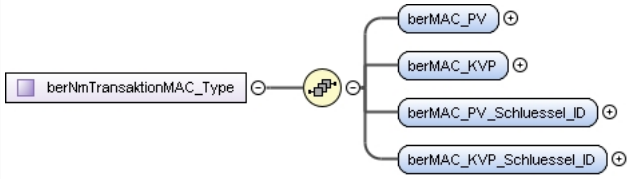
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:IONTransaktion_ID_Type`

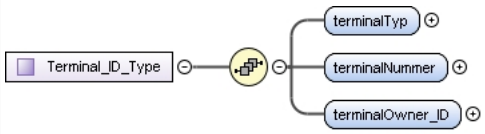
Namespace	http://vdv/ka/ion/2

Annotations	Typ: ID fuer Transaktionen, die ueber das ION (Interoparables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstaufrufer 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	<xs:complexType name="IONTransaktion_ID_Type"> <xs:annotation> <xs:documentation>Typ: ID fuer Transaktionen, die ueber das ION (Interoparables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstaufrufer vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="transSequenznummer" type="ct:SequenceNumberFour"/> <xs:element name="transSenderRolle" type="ka:KommunikationsParterRolle"/> <xs:element name="transSender_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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/berNmTransaktionMAC
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
Source	<xs:complexType name="berNmTransaktionMAC_Type"> <xs:annotation> <xs:documentation>Typ: MAC-Sicherung fuer Berechtigungs-Transaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berMAC_PV" type="ct:OctetString8"/> <xs:element name="berMAC_KVP" type="ct:OctetString8"/> <xs:element name="berMAC_PV_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/> <xs:element name="berMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

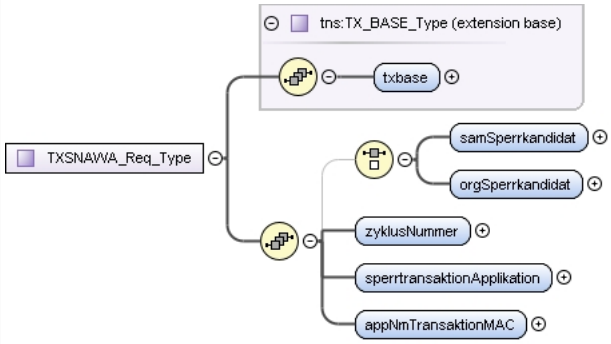
Complex Type `tns:Terminal_ID_Type`

Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Datenstruktur Terminal_ID`
Diagram	
Used by	Elements ah:TXKNAWDM_Type/logTerminal_ID, tns:AllgemeineTransaktionsdaten/tns:logTerminal_ID, tns:TXKNAWA_Type/tns:logTerminal_ID, tns:TXKNAWB_Type/tns:logTerminal_ID
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp

Source	`<xs:complexType name="Terminal_ID_Type">`
	`<xs:annotation>`
	`<xs:documentation>Typ: Datenstruktur Terminal_ID</xs:documentation>`
	`</xs:annotation>`
	`<xs:sequence>`
	`<xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type"/>`
	`<xs:element name="terminalNummer" type="ct:ReferenceNumberTwo"/>`
	`<xs:element name="terminalOwner_ID" type="ka:Organisation_ID"/>`
	`</xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSNAWA_Req_Type`

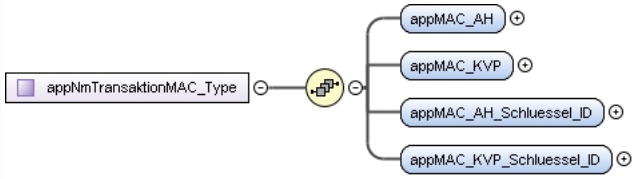
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Dienstanfrage "Sperrnachweis Applikation"`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXSNAWA_Req_Type
Used by	Element tns:TXSNAWA
Model	txbase , (samSperrkandidat | orgSperrkandidat) , zyklusNummer , sperrtransaktionApplikation , appNmTransaktionMAC
Children	appNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrtransaktionApplikation, txbase, zyklusNummer

Source	`<xs:complexType name="TXSNAWA_Req_Type">`
	`<xs:annotation>`
	`<xs:documentation>Typ: Dienstanfrage "Sperrnachweis Applikation"</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexContent>`
	`<xs:extension base="tns:TX_BASE_Type">`
	`<xs:sequence>`
	`<xs:choice minOccurs="0" maxOccurs="1">`
	`<xs:annotation>`
	`<xs:documentation>Wurde eine Applikation Aufgrund einer SAM bzw. Organisationssperre durchgefuehrt, so ist die SAM bzw. Org ID in dem jeweiligen Element zu uebermitteln.</xs:documentation>`
	`</xs:annotation>`
	`<xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/>`
	`<xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/>`
	`</xs:choice>`

```
        <xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type">
          <xs:annotation>
            <xs:documentation>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.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="sperrtransaktionApplikation" type="tns:Transaktionsdatensatz_Type"/>
        <xs:element name="appNmTransaktionMAC" type="tns:appNmTransaktionMAC_Type"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

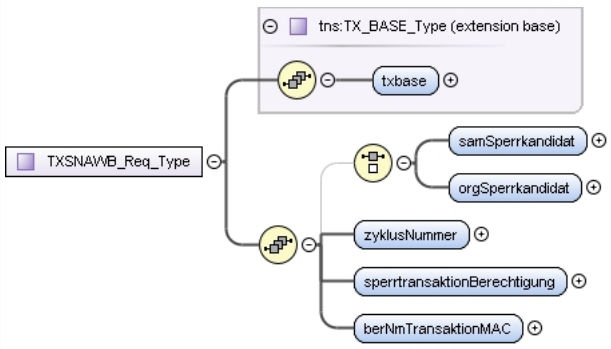
Complex Type `tns:appNmTransaktionMAC_Type`

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_Schluessel_ID , appMAC_KVP_Schluessel_ID
Children	appMAC_AH, appMAC_AH_Schluessel_ID, appMAC_KVP, appMAC_KVP_Schluessel_ID
Source	

```
<xs:complexType name="appNmTransaktionMAC_Type">
  <xs:annotation>
    <xs:documentation>Typ: MAC-Sicherung fuer Applikations-Transaktionen</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="appMAC_AH" type="ct:OctetString8"/>
    <xs:element name="appMAC_KVP" type="ct:OctetString8"/>
    <xs:element name="appMAC_AH_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/>
    <xs:element name="appMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/>
  </xs:sequence>
</xs:complexType>
```

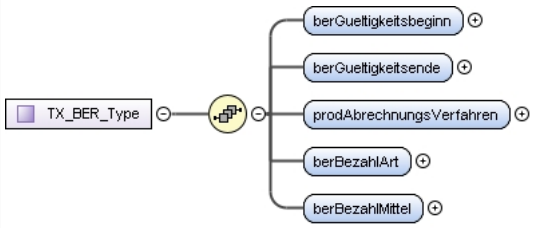
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSNAWB_Req_Type`

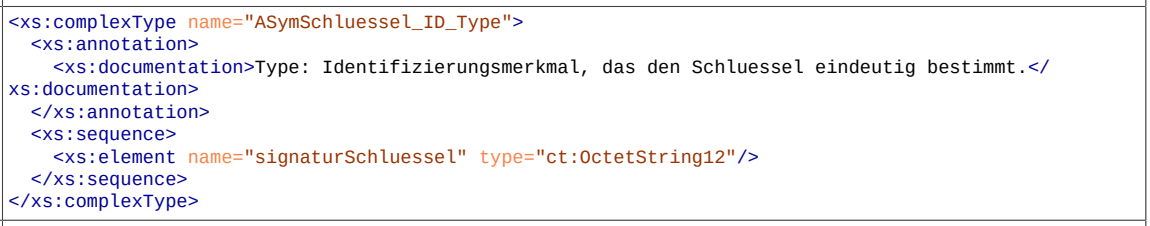
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Dienstanfrage "Sperrnachweis Berechtigung"`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXSNAWB_Req_Type

Used by	Element tns:TXSNAWB
Model	txbase , (samSperrkandidat | orgSperrkandidat) , zyklusNummer , sperrtransaktionBerechtigung , berNmTransaktionMAC
Children	berNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrtransaktionBerechtigung, txbase, zyklusNummer
Source	<xs:complexType name="TXSNAWB_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage "Sperrnachweis Berechtigung"</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:choice minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Wurde eine Applikation Aufgrund einer SAM bzw. Organisationssperre durchgefuehrt, so ist die SAM bzw. Org ID in dem jeweiligen Element zu uebermitteln.</xs:documentation> </xs:annotation> <xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/> <xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/> </xs:choice> <xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="sperrtransaktionBerechtigung" type="tns:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="tns:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TX_BER_Type`

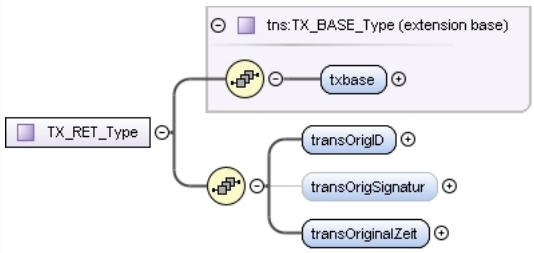
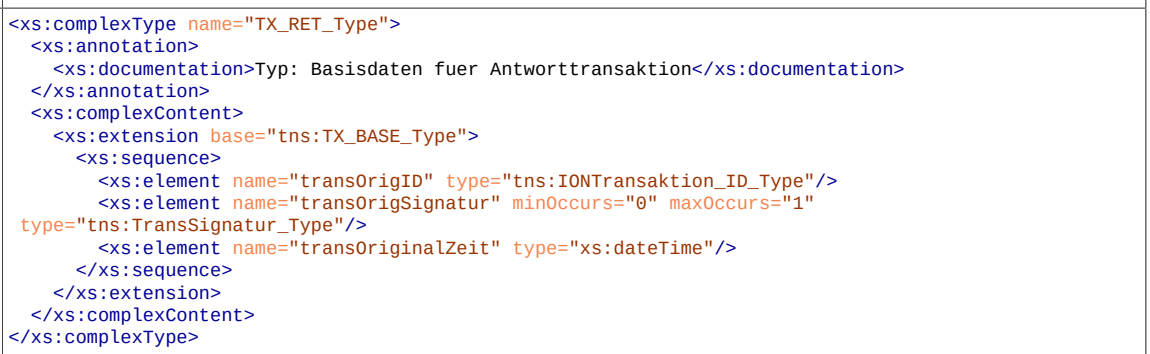
Namespace	http://vdv/ka/ion/2
Annotations	Typ: Basisdaten fuer Berechtigungstransaktionen
Diagram	
Used by	Elements tns:TXABER_Type/tns:tx_ber, tns:TXAEBER_Type/tns:tx_ber, tns:TXAEBER_Type_1_3_0/tns:tx_ber
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren
Source	<xs:complexType name="TX_BER_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Berechtigungstransaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact"/> <xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact"/> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="prodAbrechnungsVerfahren" type="tns:Abrechnungsverfahren_CODE_Type"/> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type"/> <xs:element name="berBezahlMittel" type="ct:OctetString10"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:ASymSchluessel_ID_Type`

Namespace	http://vdv/ka/ion/2
Annotations	`Type: Identifizierungsmerkmal, das den Schluessel eindeutig bestimmt.`
Diagram	
Used by	Elements tns:TXSANFASYMK_Type/keySperrkandidatasym, tns:TXSFREIMITASYMK_Type/keySperrkandidatasym, tns:TXSMITASYMK_Type/keySperrkandidatasym
Model	signaturSchluessel
Children	signaturSchluessel
Source	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

```
<xs:complexType name="ASymSchluessel_ID_Type">
  <xs:annotation>
    <xs:documentation>Type: Identifizierungsmerkmal, das den Schluessel eindeutig bestimmt.</
xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="signaturSchluessel" type="ct:OctetString12"/>
  </xs:sequence>
</xs:complexType>
```

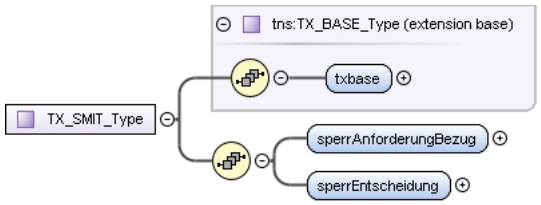
Complex Type `tns:TX_RET_Type`

Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Basisdaten fuer Antworttransaktion`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type
Used by	Complex Types ah:TX_LKAORG_Type, ah:TX_LZVMORG_Type, tns:TXA_Type, tns:TXB_Type
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

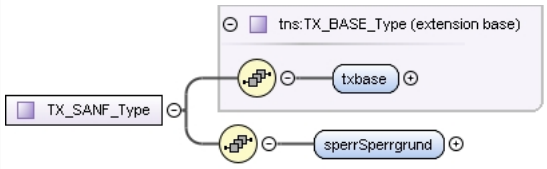
```
<xs:complexType name="TX_RET_Type">
  <xs:annotation>
    <xs:documentation>Typ: Basisdaten fuer Antworttransaktion</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="tns:TX_BASE_Type">
      <xs:sequence>
        <xs:element name="transOrigID" type="tns:IONTransaktion_ID_Type"/>
        <xs:element name="transOrigSignatur" minOccurs="0" maxOccurs="1"
 type="tns:TransSignatur_Type"/>
        <xs:element name="transOriginalZeit" type="xs:dateTime"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Complex Type `tns:TX_SMIT_Type`

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

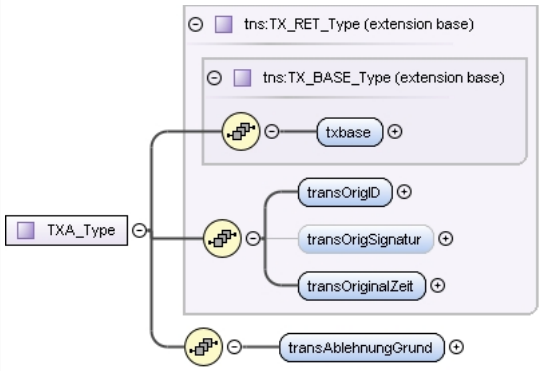
Annotations	Typ: Basisdaten fuer Sperrmitteilungen
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type
Used by	Complex Types: tns:TXSFREIMITASYMK_Type, tns:TXSFREIMITB_Type, tns:TXSFREIMITO_Type, tns:TXSFREIMITSYMK_Type, tns:TXSFREIMITS_Type, tns:TXSMITASYMK_Type, tns:TXSMITA_Type, tns:TXSMITB_Type, tns:TXSMITO_Type, tns:TXSMITSYMK_Type, tns:TXSMITS_Type
Model	txbase , sperrAnforderungBezug , sperrEntscheidung
Children	sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<xs:complexType name="TX_SMIT_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Sperrmitteilungen</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:element name="sperrAnforderungBezug" type="tns:IONTransaktion_ID_Type"/> <xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type
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	<xs:complexType name="TX_SANF_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Sperranforderungen</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <!-- Wilk Hoffmann: muss spaeter aus Aufzaehlung kommen --> <xs:element name="sperrSperrgrund" type="ct:INT1"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>

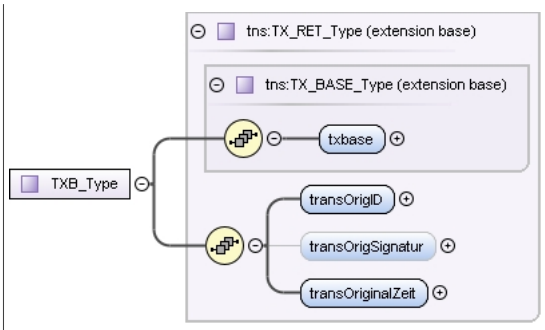
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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	• tns:TX_BASE_Type • tns:TX_RET_Type • tns:TXA_Type
Used by	Elements tns:TXA, tns:TXARequest
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	`<xs:complexType name="TXA_Type">` `<xs:annotation>` `<xs:documentation>Typ: Ablehnung einer ION-Transaktion</xs:documentation>` `</xs:annotation>` `<xs:complexContent>` `<xs:extension base="tns:TX_RET_Type">` `<xs:sequence>` `<xs:element name="transAblehnungGrund" type="ct:INT1">` `<xs:annotation>` `<xs:documentation>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.</xs:documentation>` `</xs:annotation>` `</xs:element>` `</xs:sequence>` `</xs:extension>` `</xs:complexContent>` `</xs:complexType>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXB_Type`

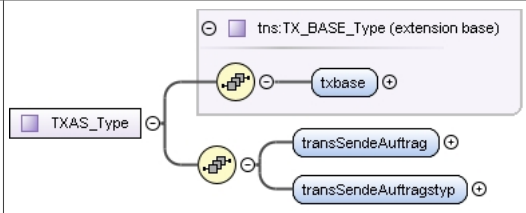
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Bestaetigung einer ION-Transaktion`

Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • tns:TXB_Type
Used by	Elements tns:TXB, tns:TXBRequest
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase

Source	`<xs:complexType name="TXB_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Bestaetigung einer ION-Transaktion</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:TX_RET_Type"/>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXAS_Type`

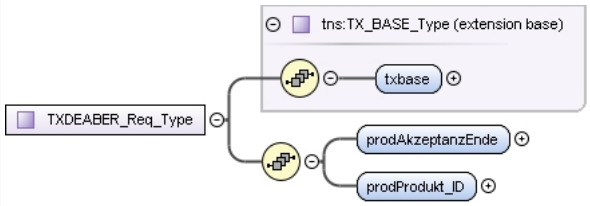
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Aufforderung zum Senden`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAS_Type
Used by	Complex Types tns:TXASBER_Type, tns:TXASKON_Type Element tns:TXAS
Model	txbase , transSendeAuftrag , transSendeAuftragstyp
Children	transSendeAuftrag, transSendeAuftragstyp, txbase

Source	`<xs:complexType name="TXAS_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:TX_BASE_Type">`
	`  <xs:sequence>`
	`  <xs:element name="transSendeAuftrag">`
	`  <xs:simpleType>`
	`  <xs:restriction base="tns:PrintableString">`
	`  <xs:minLength value="0"/>`
	`  <xs:maxLength value="10"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`

```
        </xs:element>
        <!-- TODO Wilk Hoffmann: Wenn dann bitte mit Aufzaehlung (verschoben bis stabil)-->
        <xs:element name="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

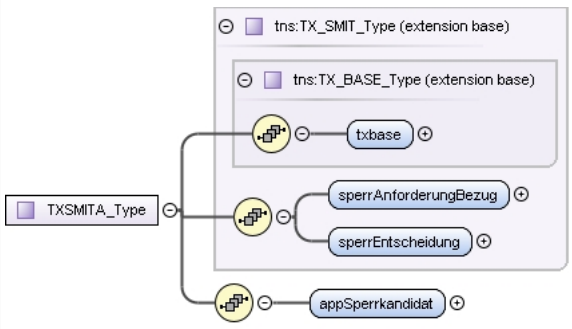
Complex Type `tns:TXDEABER_Req_Type`

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	• tns:TX_BASE_Type • tns:TXDEABER_Req_Type
Used by	Element tns:TXDEABER
Model	txbase , prodAkzeptanzEnde , prodProdukt_ID
Children	prodAkzeptanzEnde, prodProdukt_ID, txbase

Source	`<xs:complexType name="TXDEABER_Req_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Dienstanfrage "Entfernen einer Produkt Akzeptanz fuer alle Organisationen"</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:TX_BASE_Type">`
	`  <xs:sequence>`
	`  <xs:element name="prodAkzeptanzEnde" type="ct:Date"/>`
	`  <xs:element name="prodProdukt_ID" type="tns:EFMProdukt_ID_Type"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

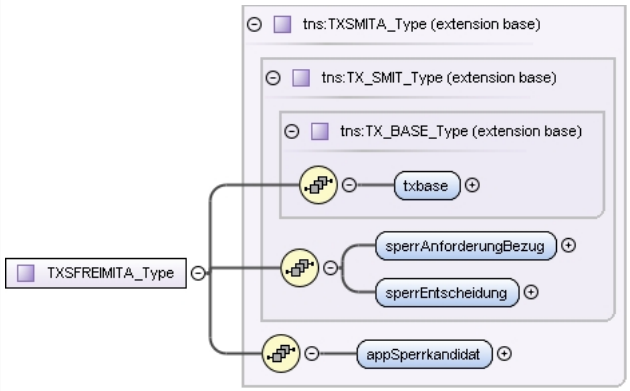
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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	• tns:TX_BASE_Type • tns:TX_SMIT_Type

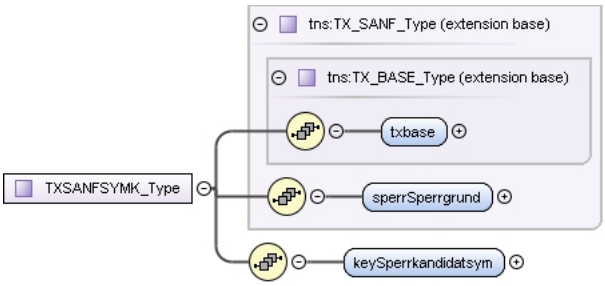
	• tns:TXSMITA_Type
Used by	Complex Type tns:TXSFREIMITA_Type Element tns:TXSMITA
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<xs:complexType name="TXSMITA_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="appSperrkandidat" type="tns:NmApplikationInstanz_ID_Type" nillable="false"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSFREIMITA_Type`

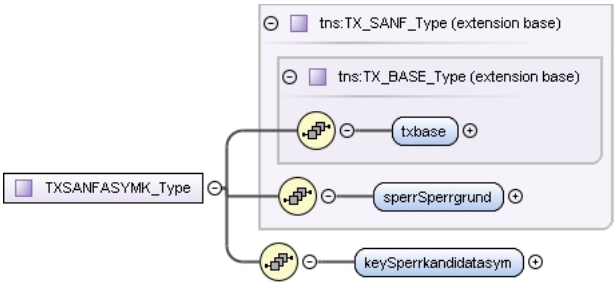
Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperrfreigabemitteilung Applikation
Diagram	
Type	extension of tns:TXSMITA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITA_Type • tns:TXSFREIMITA_Type
Used by	Element tns:TXSFREIMITA
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat
Children	appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<xs:complexType name="TXSFREIMITA_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSMITA_Type"/> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type
Used by	Complex Type tns:TXSAANFSYMK_Type Element tns:TXSANFSYMK
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase
Source	<xs:complexType name="TXSANFSYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer einen symmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SANF_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

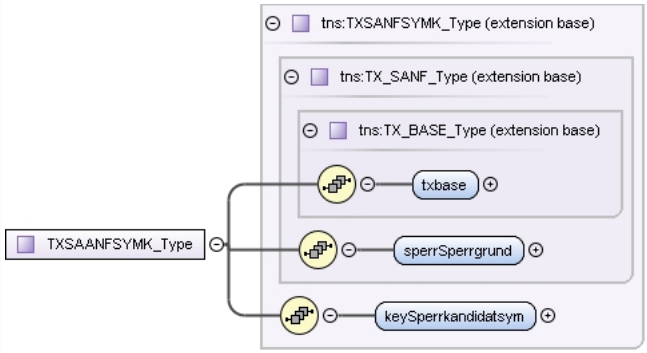
Complex Type tns:TXSANFASYMK_Type

Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperranforderung fuer einen asymmetrischen Schluessel
Diagram	
Type	extension of tns:TX_SANF_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFASYMK_Type
Used by	Complex Type tns:TXSAANFASYMK_Type Element tns:TXSANFASYMK
Model	txbase , sperrSperrgrund , keySperrkandidatasym
Children	keySperrkandidatasym, sperrSperrgrund, txbase
Source	<xs:complexType name="TXSANFASYMK_Type">

```
  <xs:annotation>
    <xs:documentation>Typ: Sperranforderung fuer einen asymmetrischen Schluessel</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="tns:TX_SANF_Type">
      <xs:sequence>
        <xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSAANFSYMK_Type`

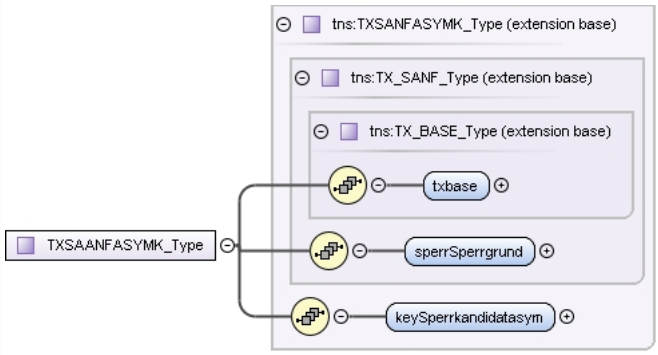
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel`
Diagram	
Type	extension of tns:TXSANFSYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type • tns:TXSAANFSYMK_Type
Used by	Element tns:TXSAANFSYMK
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase

Source	`<xs:complexType name="TXSAANFSYMK_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel</`
	`xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:TXSANFSYMK_Type"/>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSAANFASYMK_Type`

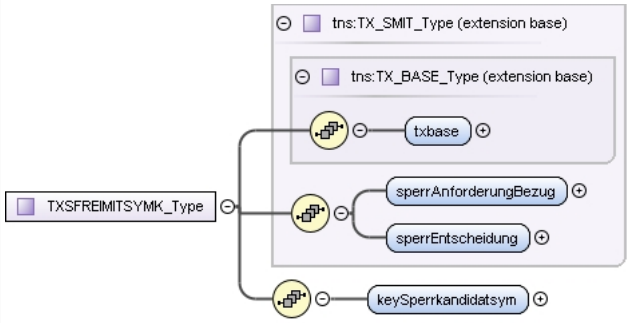
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel`

Diagram	
Type	extension of tns:TXSANFASYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFASYMK_Type • tns:TXSAANFASYMK_Type
Used by	Element tns:TXSAANFASYMK
Model	txbase , sperrSperrgrund , keySperrkandidatasym
Children	keySperrkandidatasym, sperrSperrgrund, txbase

Source	`<xs:complexType name="TXSAANFASYMK_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:TXSANFASYMK_Type"/>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSFREIMITSYMK_Type`

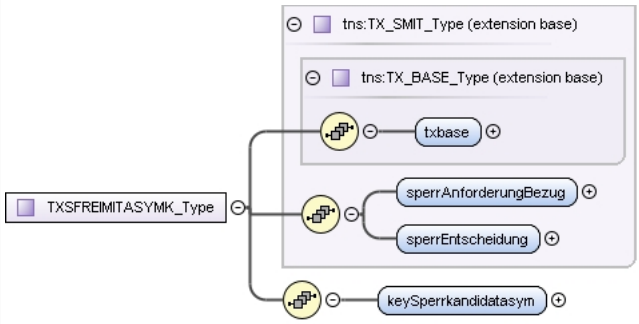
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Sperrfreigabemitteilung symmetrischer Schluessel`
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITSYMK_Type
Used by	Element tns:TXSFREIMITSYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase

Source	`<xs:complexType name="TXSFREIMITSYMK_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperrfreigabemitteilung symmetrischer Schluessel</xs:documentation>`
	`  </xs:annotation>`

```
  <xs:complexContent>
    <xs:extension base="tns:TX_SMIT_Type">
      <xs:sequence>
        <xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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

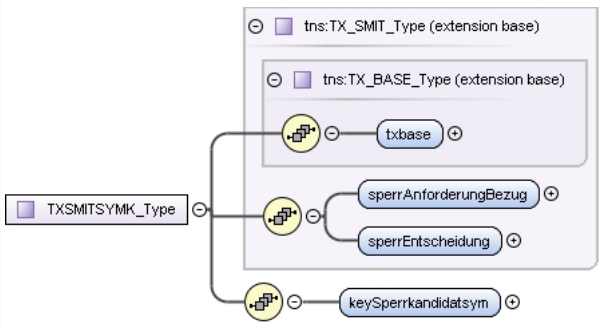
Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SMIT_Type
	  • tns:TXSFREIMITASYMK_Type

Used by	Element tns:TXSFREIMITASYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasym
Children	keySperrkandidatasym, sperrAnforderungBezug, sperrEntscheidung, txbase

Source	`<xs:complexType name="TXSFREIMITASYMK_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperrfreigabemitteilung asymmetrischer Schluessel</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:TX_SMIT_Type">`
	`  <xs:sequence>`
	`  <xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSMITSYMK_Type`

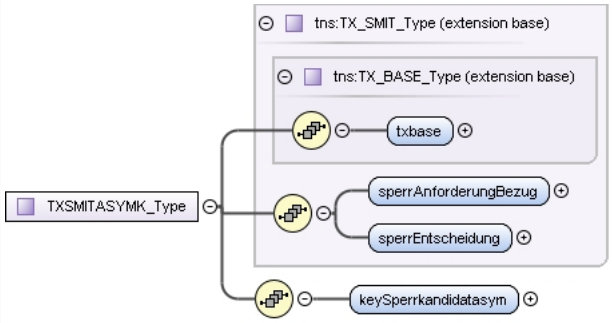
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Sperrmitteilung symmetrischer Schuessel`
Diagram	

Type	extension of tns:TX_SMIT_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SMIT_Type
	  • tns:TXSMITSYMK_Type

Used by	Element tns:TXSMITSYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<xs:complexType name="TXSMITSYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung symmetrischer Schuessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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
Annotations	Typ: Sperrmitteilung asymmetrischer Schuessel
Diagram	
Type	extension of tns:TX_SMIT_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SMIT_Type
	  • tns:TXSMITASYMK_Type

Used by	Element tns:TXSMITASYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasym
Children	keySperrkandidatasym, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<xs:complexType name="TXSMITASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung asymmetrischer Schuessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Namespace: "http://vdv/ka/kvp-dl-pv/2"

Schema(s)

Imported schema `XML-Schema_KVP_DL_PV_ext-1.3.0.xsd`

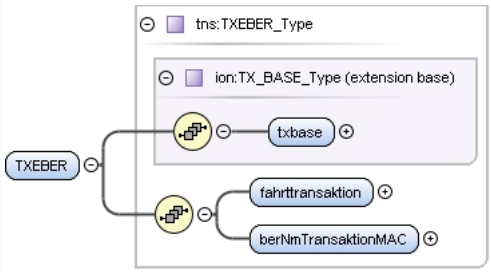
Namespace	http://vdv/ka/kvp-dl-pv/2
Properties	attribute form default: `unqualified` element form default: `qualified` version: `1.3.0`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

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: `1.13.0`
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXEBER_Type
Properties	content: `complex`
Used by	Complex Type tns:TXWEBAENDN_Type
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase

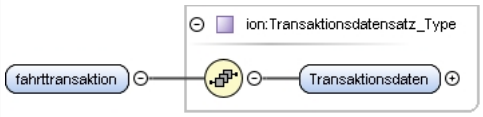
Instance	`<tns:TXEBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion>`
	`  <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC>`
	`</tns:TXEBER>`

Source	`<xs:element name="TXEBER" type="tns:TXEBER_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Erfassung einer Berechtigungstransaktion</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/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`

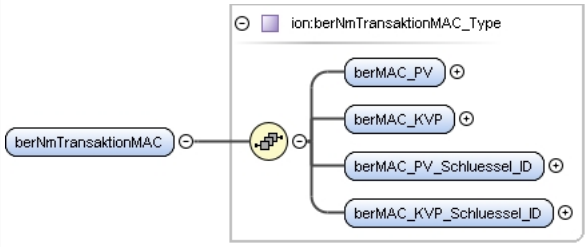
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten

Instance	`<tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <Transaktionsdaten>{1,1}</Transaktionsdaten>`
	`</tns:fahrttransaktion>`

Source	`<xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

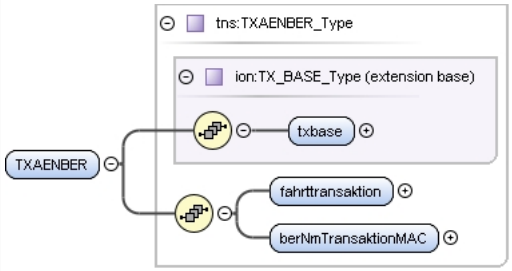
Element tns:TXEBER_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID

Instance	`<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <berMAC_PV>{1,1}</berMAC_PV>`
	`  <berMAC_KVP>{1,1}</berMAC_KVP>`
	`  <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID>`
	`  <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID>`
	`</tns:berNmTransaktionMAC>`

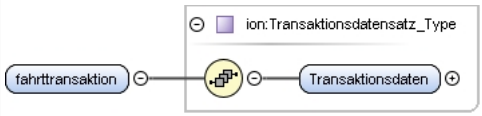
Source	`<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXAENBER

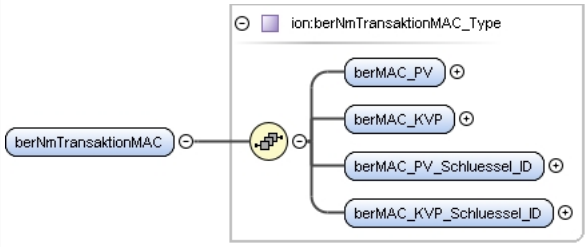
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung der Nutzertarifparameter einer Berechtigung (nicht moeglich bei EFS)
Diagram	
Type	tns:TXAENBER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAENBER_Type

Properties	content: complex
Used by	Complex Type tns:TXWEBAENDN_Type
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase
Instance	<tns:TXAENBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXAENBER>
Source	<xs:element name="TXAENBER" type="tns:TXAENBER_Type"> <xs:annotation> <xs:documentation>Element: Aenderung der Nutzertarifparameter einer Berechtigung (nicht moeglich bei EFS)</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

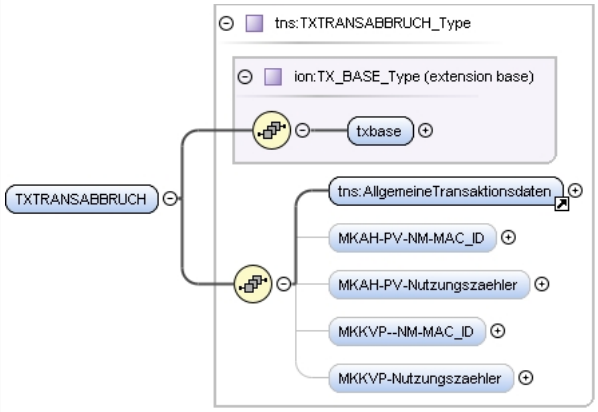
Element tns:TXAENBER_Type / tns:fahrttransaktion

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:fahrttransaktion>
Source	<xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

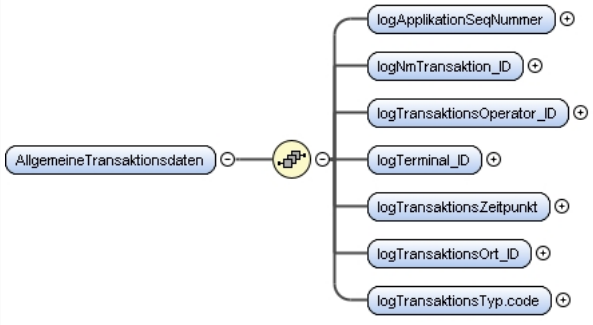
Element tns:TXAENBER_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID> <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID> </tns:berNmTransaktionMAC>
Source	<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXTRANSABBRUCH_Type
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:TXWEBPOBPEB_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	<tns:TXTRANSABBRUCH xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:AllgemeineTransaktionsdaten>{1,1}</tns:AllgemeineTransaktionsdaten> <tns:MKAH-PV-NM-MAC_ID>{0,1}</tns:MKAH-PV-NM-MAC_ID> <tns:MKAH-PV-Nutzungszaehler>{0,1}</tns:MKAH-PV-Nutzungszaehler> <tns:MKKVP--NM-MAC_ID>{0,1}</tns:MKKVP--NM-MAC_ID> <tns:MKKVP-Nutzungszaehler>{0,1}</tns:MKKVP-Nutzungszaehler> </tns:TXTRANSABBRUCH>
Source	<xs:element name="TXTRANSABBRUCH" type="tns:TXTRANSABBRUCH_Type"> <xs:annotation> <xs:documentation>Element: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:AllgemeineTransaktionsdaten

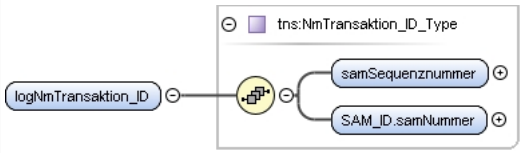
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: AllgemeineTransaktionsdaten
Diagram	

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	<tns:AllgemeineTransaktionsdaten xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:logApplikationSeqNummer>{1,1}</tns:logApplikationSeqNummer> <tns:logNmTransaktion_ID>{1,1}</tns:logNmTransaktion_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:logTerminal_ID>{1,1}</tns:logTerminal_ID> <tns:logTransaktionsZeitpunkt>{1,1}</tns:logTransaktionsZeitpunkt> <tns:logTransaktionsOrt_ID>{1,1}</tns:logTransaktionsOrt_ID> <tns:logTransaktionsTyp.code>{1,1}</tns:logTransaktionsTyp.code> </tns:AllgemeineTransaktionsdaten>
Source	<xs:element name="AllgemeineTransaktionsdaten"> <xs:annotation> <xs:documentation>Element: AllgemeineTransaktionsdaten</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="logApplikationSeqNummer" type="ct:SequenceNumberTwo"/> <xs:element name="logNmTransaktion_ID" type="tns:NmTransaktion_ID_Type"/> <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/> <xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/> <xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/> <xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/> <xs:element name="logTransaktionsTyp.code" type="ct:INT1"/> </xs:sequence> </xs:complexType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:SequenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="logApplikationSeqNummer" type="ct:SequenceNumberTwo"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:logNmTransaktion_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:samSequenznummer>{1,1}</tns:samSequenznummer> <tns:SAM_ID.samNummer>{1,1}</tns:SAM_ID.samNummer> </tns:logNmTransaktion_ID>
Source	<xs:element name="logNmTransaktion_ID" type="tns:NmTransaktion_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT4
	  • tns:SequenceNumberFour

Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="samSequenznummer" type="ct:SequenceNumberFour"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

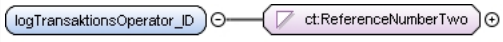
Element tns:NmTransaktion_ID_Type / tns:SAM_ID.samNummer

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SAM_ID_Type

Type hierarchy	• xs:unsignedInt
	  • tns:INT3
	  • tns:ReferenceNumberThree
	  • tns:SAM_ID_Type

Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	<xs:element name="SAM_ID.samNummer" type="ion:SAM_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

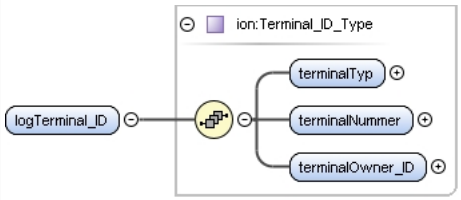
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsOperator_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ReferenceNumberTwo

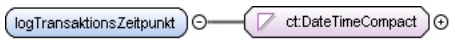
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo

Properties	content:	simple
Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

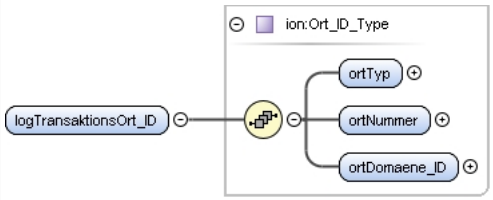
Element tns:AllgemeineTransaktionsdaten / tns:logTerminal_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp> <terminalNummer>{1,1}</terminalNummer> <terminalOwner_ID>{1,1}</terminalOwner_ID> </tns:logTerminal_ID>
Source	<xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	maxInclusive 2117-12-31T23:59:58
	minInclusive 1990-01-01T00:00:00
Source	<xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

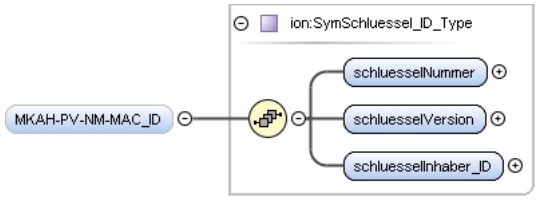
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex

Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsOrt_ID>
Source	<xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	maxInclusive 255 minInclusive 0
Source	<xs:element name="logTransaktionsTyp.code" type="ct:INT1"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

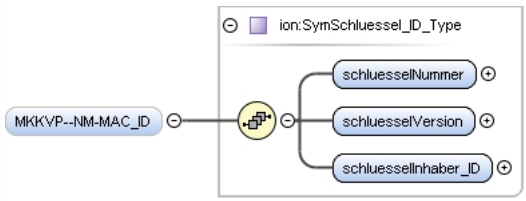
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<tns:MKAH-PV-NM-MAC_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:MKAH-PV-NM-MAC_ID>
Source	<xs:element name="MKAH-PV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT4

	• tns:ReferenceNumberFour
Properties	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:/tmp/KA-Interfaces/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

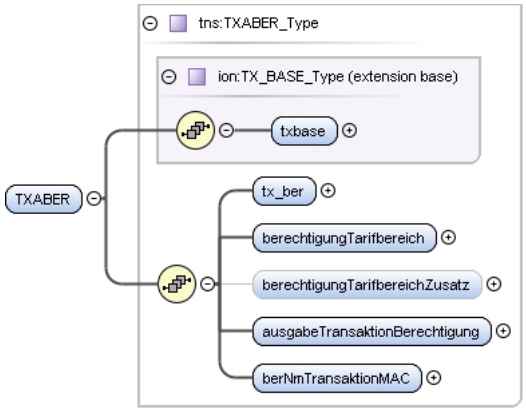
Instance	`<tns:MKKVP--NM-MAC_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<schluesselNummer>{1,1}</schluesselNummer>`
	`<schluesselVersion>{1,1}</schluesselVersion>`
	`<schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</tns:MKKVP--NM-MAC_ID>`

Source	`<xs:element name="MKKVP--NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

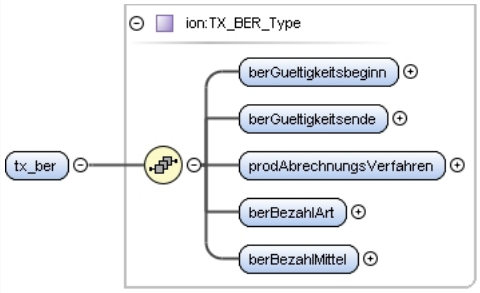
Element tns:TXTRANSABBRUCH_Type / tns:MKKVP-Nutzungszaehler

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ReferenceNumberFour
Type hierarchy	• xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXABER

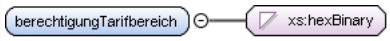
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ausgabe einer Berechtigung
Diagram	
Type	tns:TXABER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXABER_Type
Properties	content: complex
Used by	Complex Types: tns:TXAGBBER_Type, tns:TXANTWORT_Type
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_ber, txbase
Instance	<tns:TXABER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich> <tns:berechtigungTarifbereichZusatz>{0,1}</tns:berechtigungTarifbereichZusatz> <tns:ausgabeTransaktionBerechtigung>{1,1}</tns:ausgabeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXABER>
Source	<xs:element name="TXABER" type="tns:TXABER_Type"> <xs:annotation> <xs:documentation>Element: Ausgabe einer Berechtigung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berGueltigkeitsbeginn>{1,1}</berGueltigkeitsbeginn> <berGueltigkeitsende>{1,1}</berGueltigkeitsende> <prodAbrechnungsVerfahren>{1,1}</prodAbrechnungsVerfahren> <berBezahlArt>{1,1}</berBezahlArt> <berBezahlMittel>{1,1}</berBezahlMittel> </tns:tx_ber>
Source	<xs:element name="tx_ber" type="ion:TX_BER_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

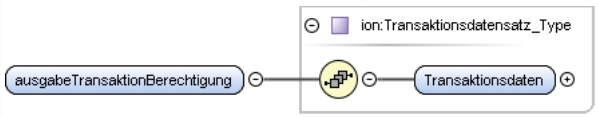
Element tns:TXABER_Type / tns:berechtigungTarifbereich

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

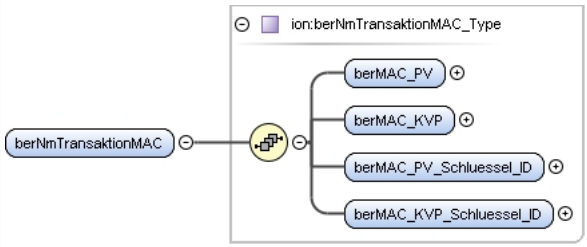
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple minOccurs: 0
Source	<xs:element name="berechtigungTarifbereichZusatz" type="xs:hexBinary" minOccurs="0"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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	<tns:ausgabeTransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:ausgabeTransaktionBerechtigung>
Source	<xs:element name="ausgabeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

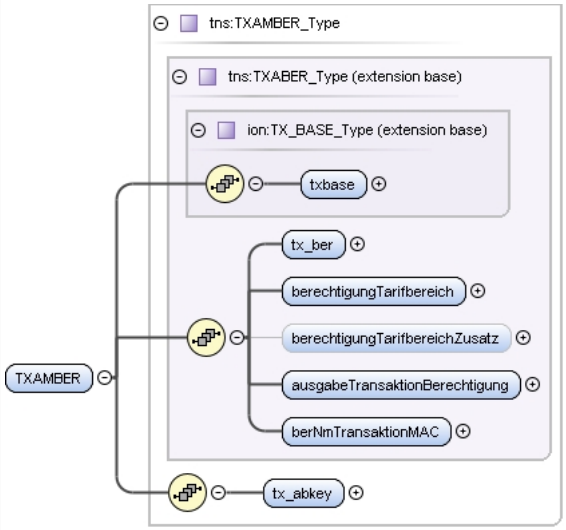
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID

Instance	`<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <berMAC_PV>{1,1}</berMAC_PV>`
	`  <berMAC_KVP>{1,1}</berMAC_KVP>`
	`  <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID>`
	`  <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID>`
	`</tns:berNmTransaktionMAC>`

Source	`<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	
Type	tns:TXAMBER_Type

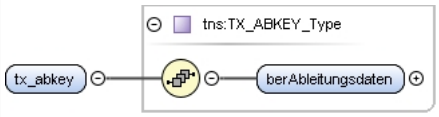
Type hierarchy	• tns:TX_BASE_Type
	  • tns:TXABER_Type
	  • tns:TXAMBER_Type

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	`<tns:TXAMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <tns:tx_ber>{1,1}</tns:tx_ber>`
	`  <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich>`

	<tns:berechtigungTarifbereichZusatz>{0,1}</tns:berechtigungTarifbereichZusatz> <tns:ausgabeTransaktionBerechtigung>{1,1}</tns:ausgabeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:tx_abkey>{1,1}</tns:tx_abkey> </tns:TXAMBER>
Source	<xs:element name="TXAMBER" type="tns:TXAMBER_Type"> <xs:annotation> <xs:documentation>Element: Ausgabe einer Multiberechtigung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

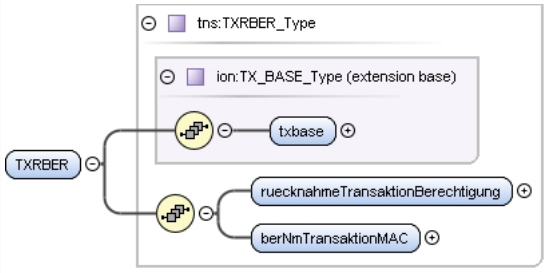
Element tns:TXAMBER_Type / tns:tx_abkey

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_ABKEY_Type
Properties	content: complex
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Instance	<tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten> </tns:tx_abkey>
Source	<xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

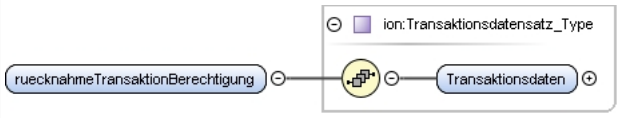
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<xs:element name="berAbleitungsdaten" type="ct:OctetString10"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXRBER

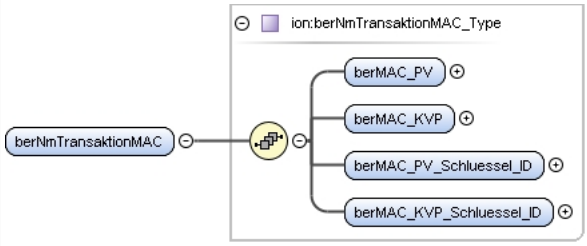
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ruecknahme einer Berechtigung
Diagram	
Type	tns:TXRBER_Type
Type hierarchy	• tns:TX_BASE_Type

	• tns:TXRBER_Type
Properties	content: complex
Used by	Complex Type tns:TXLOEBER_Type
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase
Instance	<tns:TXRBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:ruecknahmeTransaktionBerechtigung>{1,1}</tns:ruecknahmeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXRBER>
Source	<xs:element name="TXRBER" type="tns:TXRBER_Type"> <xs:annotation> <xs:documentation>Element: Ruecknahme einer Berechtigung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

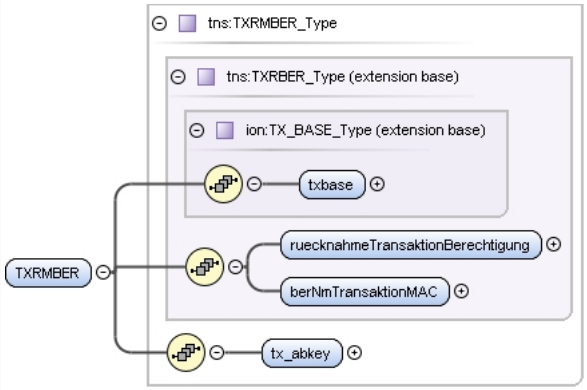
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:ruecknahmeTransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:ruecknahmeTransaktionBerechtigung>
Source	<xs:element name="ruecknahmeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

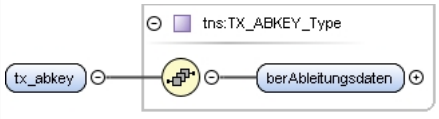
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID> <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID> </tns:berNmTransaktionMAC>
Source	<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXRMBER

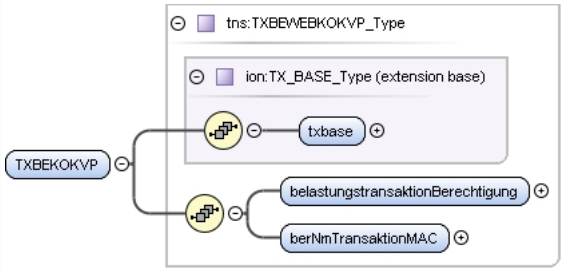
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ruecknahme einer Multiberechtigung
Diagram	
Type	tns:TXRMBER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXRBER_Type • tns:TXRMBER_Type
Properties	content: complex
Used by	Complex Type tns:TXLOEBER_Type
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, tns:tx_abkey, txbase
Instance	<tns:TXRMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:ruecknahmeTransaktionBerechtigung>{1,1}</tns:ruecknahmeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:tx_abkey>{1,1}</tns:tx_abkey> </tns:TXRMBER>
Source	<xs:element name="TXRMBER" type="tns:TXRMBER_Type"> <xs:annotation> <xs:documentation>Element: Ruecknahme einer Multiberechtigung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

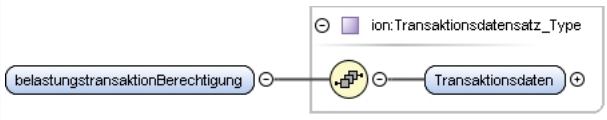
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_ABKEY_Type
Properties	content: complex
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Instance	<tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten> </tns:tx_abkey>
Source	<xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXBEKOKVP

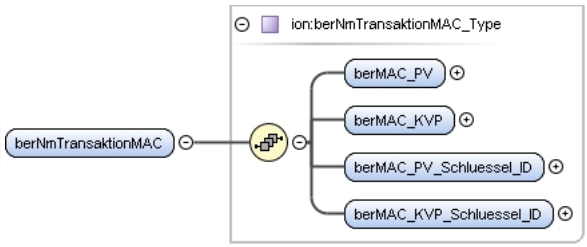
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Belastung POB/PEB durch Kauf eines EFS (analog TXBEKODL)
Diagram	
Type	tns:TXBEWEBKOKVP_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXBEWEBKOKVP_Type
Properties	content: complex
Used by	Complex Type tns:TXWEBPOBPEB_Type
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Instance	<tns:TXBEKOKVP xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXBEKOKVP>
Source	<xs:element name="TXBEKOKVP" type="tns:TXBEWEBKOKVP_Type"> <xs:annotation> <xs:documentation>Element: Belastung POB/PEB durch Kauf eines EFS (analog TXBEKODL)</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:belastungstransaktionBerechtigung>
Source	<xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

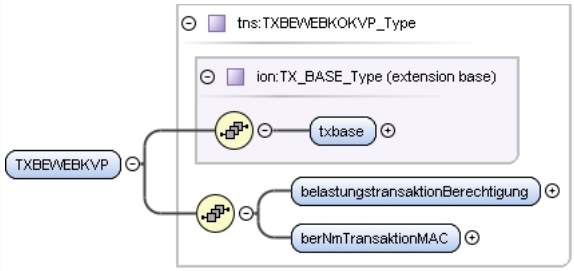
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID

Instance	`<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<berMAC_PV>{1,1}</berMAC_PV>`
	`<berMAC_KVP>{1,1}</berMAC_KVP>`
	`<berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID>`
	`<berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID>`
	`</tns:berNmTransaktionMAC>`

Source	`<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXBEWEBKOKVP_Type
Properties	content: complex
Used by	Complex Type tns:TXWEBPOBPEB_Type
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase

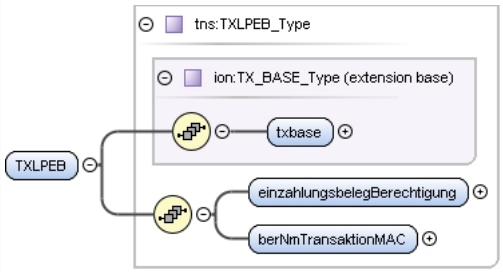
Instance	`<tns:TXBEWEBKVP xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<txbase>{1,1}</txbase>`
	`<tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung>`
	`<tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC>`
	`</tns:TXBEWEBKVP>`

Source	`<xs:element name="TXBEWEBKVP" type="tns:TXBEWEBKOKVP_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Belastung WEB durch Kauf eines EFS (analog TXBEKOKVP)</`
	`xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/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

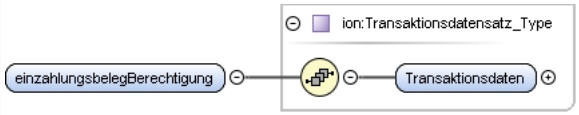
Diagram	
Type	tns:TXLPEB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXLPEB_Type
Properties	content: complex
Used by	Complex Type tns:TXPEB_Type
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase

Instance	`<tns:TXLPEB xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <tns:einzahlungsbelegBerechtigung>{1,1}</tns:einzahlungsbelegBerechtigung>`
	`  <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC>`
	`</tns:TXLPEB>`

Source	`<xs:element name="TXLPEB" type="tns:TXLPEB_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Laden eines PEB-Kontos</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

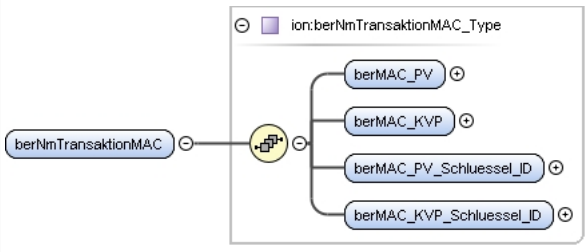
Element tns:TXLPEB_Type / tns:einzahlungsbelegBerechtigung

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten

Instance	`<tns:einzahlungsbelegBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <Transaktionsdaten>{1,1}</Transaktionsdaten>`
	`</tns:einzahlungsbelegBerechtigung>`

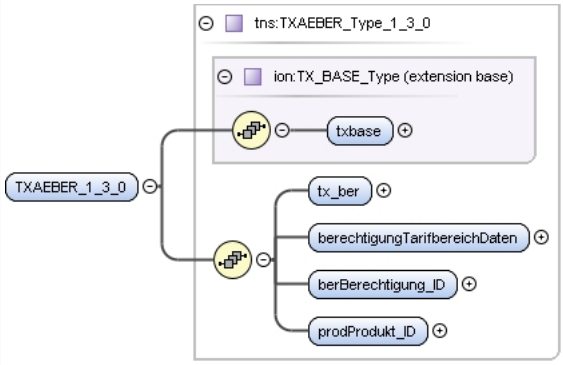
Source	`<xs:element name="einzahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXLPEB_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

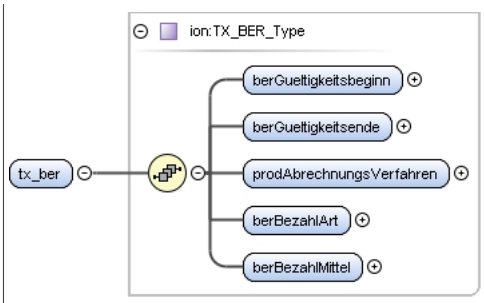
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID> <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID> </tns:berNmTransaktionMAC>
Source	<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXAEBER_Type_1_3_0
Properties	content: complex
Used by	Complex Type tns:TXAENDBER_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	<tns:TXAEBER_1_3_0 xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:berechtigungTarifbereichDaten>{1,1}</tns:berechtigungTarifbereichDaten> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> </tns:TXAEBER_1_3_0>
Source	<xs:element name="TXAEBER_1_3_0" type="tns:TXAEBER_Type_1_3_0"> <xs:annotation> <xs:documentation>Element: Aenderung einer Berechtigung (nicht moeglich bei EFS). Release 1.3.0. Korrektur: fehlende Berechtigungs-ID und Produkt-ID.</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

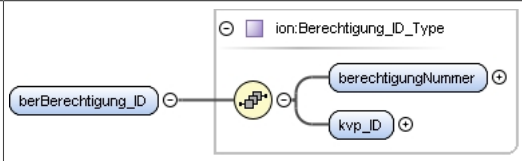
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:TX_BER_Type
Properties	content: complex
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren
Instance	<tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berGueltigkeitsbeginn>{1,1}</berGueltigkeitsbeginn> <berGueltigkeitsende>{1,1}</berGueltigkeitsende> <prodAbrechnungsVerfahren>{1,1}</prodAbrechnungsVerfahren> <berBezahlArt>{1,1}</berBezahlArt> <berBezahlMittel>{1,1}</berBezahlMittel> </tns:tx_ber>
Source	<xs:element name="tx_ber" type="ion:TX_BER_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

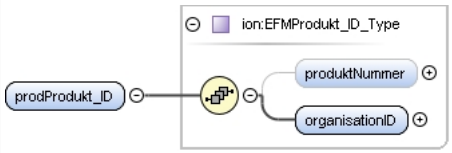
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<xs:element name="berechtigungTarifbereichDaten" type="xs:hexBinary"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

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	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID>
Source	<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

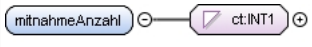
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID>
Source	<xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:Profil_CODE_Type		
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="mitnahmeTyp" type="tns:Profil_CODE_Type"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="linienNummer" type="ct:ReferenceNumberTwo"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

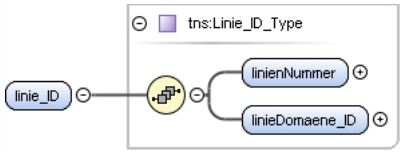
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="linieDomaene_ID" type="ka:Organisation_ID"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:ReferenceNumberOne
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0

Source	<xs:element name="variantenNummer" type="ct:ReferenceNumberOne"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:linie_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:linienNummer>{1,1}</tns:linienNummer> <tns:linieDomaene_ID>{1,1}</tns:linieDomaene_ID> </tns:linie_ID>
Source	<xs:element name="linie_ID" type="tns:Linie_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT3
	  • tns:ReferenceNumberThree

Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	<xs:element name="fahrtNummer" type="ct:ReferenceNumberThree"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

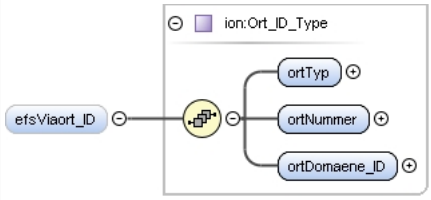
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Organisation_ID

Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo
	  • tns:Organisation_ID

Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="fahrtBetreiber_ID" type="ka:Organisation_ID"/>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:EFSViaOrtsListe_Type / tns:efsViaort_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex minOccurs: 0 maxOccurs: 3
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:efsViaort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:efsViaort_ID>
Source	<xs:element name="efsViaort_ID" type="ion:Ort_ID_Type" minOccurs="0" maxOccurs="3"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

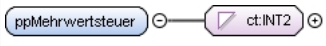
Element tns:TX_PP_Type / tns:ppLeistungsPreis

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Amount65535

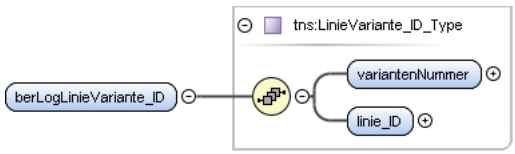
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:Amount65535

Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="ppLeistungsPreis" type="tns:Amount65535"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

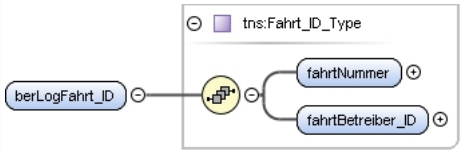
Element tns:TX_PP_Type / tns:ppMehrwertsteuer

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:INT2
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="ppMehrwertsteuer" type="ct:INT2"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

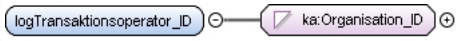
Element tns:TX_BERLOG_Type / tns:berLogLinieVariante_ID

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	<tns:berLogLinieVariante_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:variantenNummer>{1,1}</tns:variantenNummer> <tns:linie_ID>{1,1}</tns:linie_ID> </tns:berLogLinieVariante_ID>
Source	<xs:element name="berLogLinieVariante_ID" type="tns:LinieVariante_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

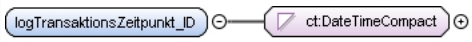
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Fahrt_ID_Type
Properties	content: complex
Model	tns:fahrtNummer , tns:fahrtBetreiber_ID
Children	tns:fahrtBetreiber_ID, tns:fahrtNummer
Instance	<tns:berLogFahrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:fahrtNummer>{1,1}</tns:fahrtNummer> <tns:fahrtBetreiber_ID>{1,1}</tns:fahrtBetreiber_ID> </tns:berLogFahrt_ID>
Source	<xs:element name="berLogFahrt_ID" type="tns:Fahrt_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

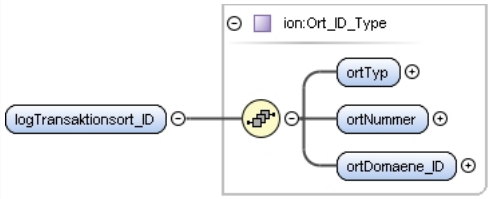
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="logTransaktionsoperator_ID" type="ka:Organisation_ID"/>

Schema location	file:/C:/tmp/KA-Interfaces/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:logTransaktionsZeitpunkt_ID

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	<xs:element name="logTransaktionsZeitpunkt_ID" type="ct:DateTimeCompact"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:logTransaktionsort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsort_ID>
Source	<xs:element name="logTransaktionsort_ID" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:NmTransaktionsTyp_CODE		

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	Rückgabetransaktion EFS ueber Aktionsliste
Source	<xs:element name="logTransaktionsTyp_ID" type="ion:NmTransaktionsTyp_CODE"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:Kundentyp_CODE_Type		
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:Kundentyp_CODE_Type"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:TransportTypeCode_Type • tns:Transportserviceart_CODE_Type		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
Source	<xs:element name="afbLogVerkehrsmittelart" type="tns:Transportserviceart_CODE_Type"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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

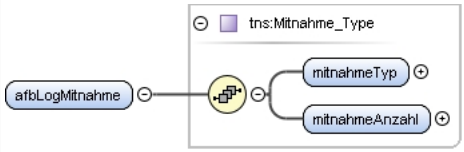
Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:ServiceKlasse_CODE_Type		
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:ServiceKlasse_CODE_Type		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	1. Klasse
	enumeration	2	2. Klasse
Source	<xs:element name="afbLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="afbLogDynamischerRabattParameter" type="ct:OctetString4"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

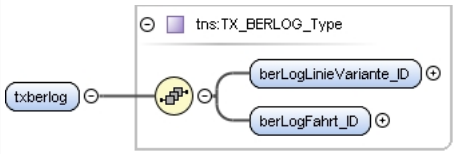
Element `tns:TX_AFBLOG_Type / tns:afbLogMitnahme`

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	`<tns:afbLogMitnahme xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <tns:mitnahmeTyp>{1,1}</tns:mitnahmeTyp>`
	`  <tns:mitnahmeAnzahl>{1,1}</tns:mitnahmeAnzahl>`
	`</tns:afbLogMitnahme>`

Source	`<xs:element name="afbLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

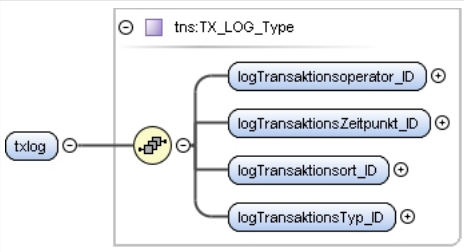
Element `tns:TX_AFBLOG_Type / tns:txberlog`

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	`<tns:txberlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <tns:berLogLinieVariante_ID>{1,1}</tns:berLogLinieVariante_ID>`
	`  <tns:berLogFahrt_ID>{1,1}</tns:berLogFahrt_ID>`
	`</tns:txberlog>`

Source	`<xs:element name="txberlog" type="tns:TX_BERLOG_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:txlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:logTransaktionsoperator_ID>{1,1}</tns:logTransaktionsoperator_ID> <tns:logTransaktionsZeitpunkt_ID>{1,1}</tns:logTransaktionsZeitpunkt_ID> <tns:logTransaktionsort_ID>{1,1}</tns:logTransaktionsort_ID> <tns:logTransaktionsTyp_ID>{1,1}</tns:logTransaktionsTyp_ID> </tns:txlog>
Source	<xs:element name="txlog" type="tns:TX_LOG_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:Kundentyp_CODE_Type

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:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:TransportTypeCode_Type
	  • tns:TransportmittelKategorie_CODE_Type

Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="efsVerkehrsmittelKategorie" type="tns:TransportmittelKategorie_CODE_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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

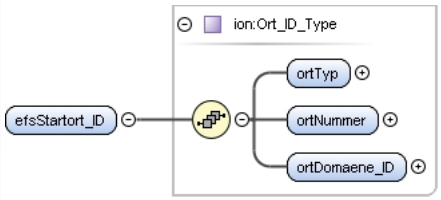
Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:ServiceKlasse_CODE_Type		
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:ServiceKlasse_CODE_Type		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	1. Klasse
	enumeration	2	2. Klasse
Source	<xs:element name="efsLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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

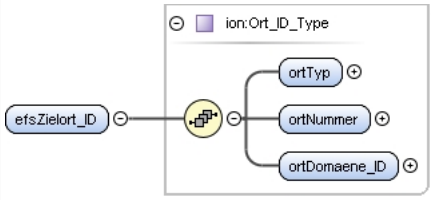
Namespace	http://vdv/ka/kvp-dl-pv/2		
Diagram			
Type	tns:ServiceKlasseExtra_CODE_Type		
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:ServiceKlasseExtra_CODE_Type		
Properties	content:	simple	
Facets	maxInclusive	255	
	minInclusive	0	
	enumeration	0	nicht spezifiziert/unbestimmt
	enumeration	1	Fruehstueck
	enumeration	2	Mittagessen
	enumeration	3	Abendessen
	enumeration	4	Buffet
	enumeration	5	Imbiss
Source	<xs:element name="efsServiceKlasseExtra" type="tns:ServiceKlasseExtra_CODE_Type"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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

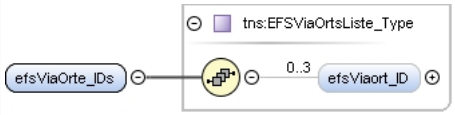
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:efsStartort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:efsStartort_ID>
Source	<xs:element name="efsStartort_ID" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

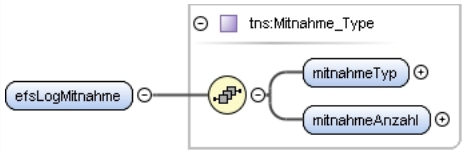
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:efsZielort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:efsZielort_ID>
Source	<xs:element name="efsZielort_ID" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:efsViaOrte_IDs xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:efsViaort_ID>{0,3}</tns:efsViaort_ID> </tns:efsViaOrte_IDs>
Source	<xs:element name="efsViaOrte_IDs" type="tns:EFSViaOrtsListe_Type"/>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

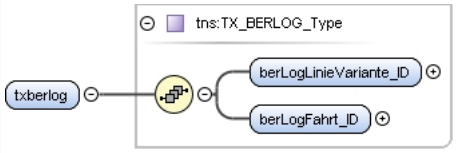
Element `tns:TX_EFSLOG_Type / tns:efsLogMitnahme`

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	`<tns:efsLogMitnahme xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <tns:mitnahmeTyp>{1,1}</tns:mitnahmeTyp>`
	`  <tns:mitnahmeAnzahl>{1,1}</tns:mitnahmeAnzahl>`
	`</tns:efsLogMitnahme>`

Source	`<xs:element name="efsLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

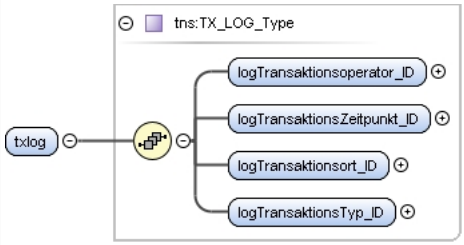
Element `tns:TX_EFSLOG_Type / tns:txberlog`

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	`<tns:txberlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <tns:berLogLinieVariante_ID>{1,1}</tns:berLogLinieVariante_ID>`
	`  <tns:berLogFahrt_ID>{1,1}</tns:berLogFahrt_ID>`
	`</tns:txberlog>`

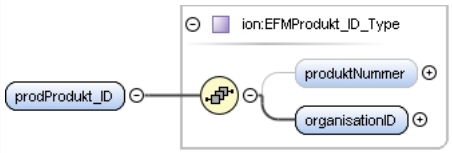
Source	`<xs:element name="txberlog" type="tns:TX_BERLOG_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element `tns:TX_EFSLOG_Type / tns:txlog`

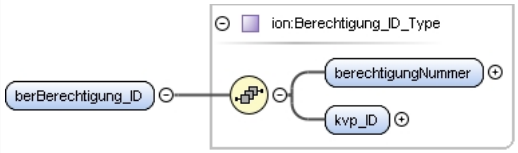
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_LOG_Type

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	<tns:txlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:logTransaktionsoperator_ID>{1,1}</tns:logTransaktionsoperator_ID> <tns:logTransaktionsZeitpunkt_ID>{1,1}</tns:logTransaktionsZeitpunkt_ID> <tns:logTransaktionsort_ID>{1,1}</tns:logTransaktionsort_ID> <tns:logTransaktionsTyp_ID>{1,1}</tns:logTransaktionsTyp_ID> </tns:txlog>
Source	<xs:element name="txlog" type="tns:TX_LOG_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID>
Source	<xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID>
Source	<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:dateTime • tns:DateTime • tns:SelektionKriterien_Type
Properties	content: simple
Source	<xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

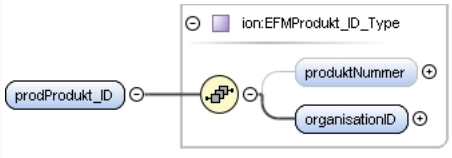
Element tns:TXANLN_Type / tns:prodAbrechnungsVerfahren

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Abrechnungsverfahren_CODE_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:Abrechnungsverfahren_CODE_Type
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:/tmp/KA-Interfaces/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

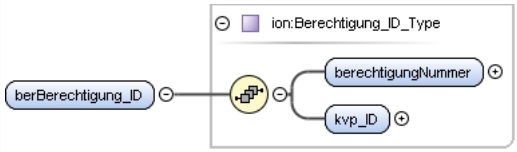
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Bezahlart_CODE_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:Bezahlart_CODE_Type
Properties	content: simple
Facets	maxInclusive: 255 minInclusive: 0
Source	<xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/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	<tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID>
Source	<xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

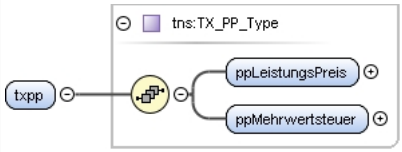
Element tns:TXANLN_Type / tns:berBerechtigung_ID

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	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID>
Source	<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

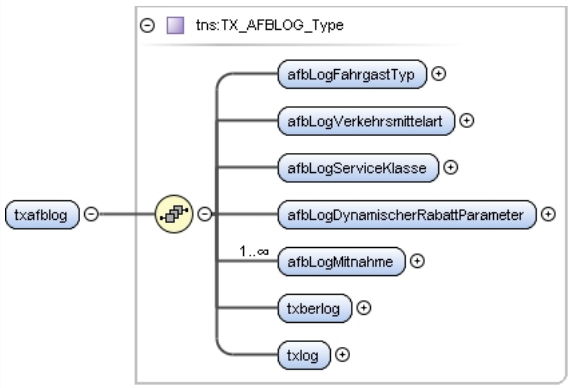
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SelektionKriterien_Type
Type hierarchy	• xs:dateTime • tns:DateTime • tns:SelektionKriterien_Type
Properties	content: simple
Source	<xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/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	<tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:ppLeistungsPreis>{1,1}</tns:ppLeistungsPreis> <tns:ppMehrwertsteuer>{1,1}</tns:ppMehrwertsteuer> </tns:txpp>
Source	<xs:element name="txpp" type="tns:TX_PP_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:txafblog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:afbLogFahrgastTyp>{1,1}</tns:afbLogFahrgastTyp> <tns:afbLogVerkehrsmittelart>{1,1}</tns:afbLogVerkehrsmittelart> <tns:afbLogServiceKlasse>{1,1}</tns:afbLogServiceKlasse> <tns:afbLogDynamischerRabattParameter>{1,1}</tns:afbLogDynamischerRabattParameter> <tns:afbLogMitnahme>{1,unbounded}</tns:afbLogMitnahme> <tns:txberlog>{1,1}</tns:txberlog> <tns:txlog>{1,1}</tns:txlog> </tns:txafblog>
Source	<xs:element name="txafblog" type="tns:TX_AFBLOG_Type" minOccurs="1" maxOccurs="unbounded"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:Abrechnungsverfahren_CODE_Type

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd		

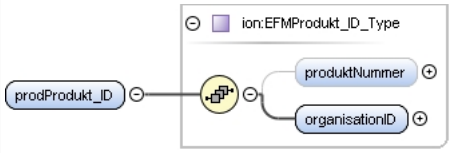
Element tns:TXAUSEFS_Type / tns:berBezahlMittel

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:/tmp/KA-Interfaces/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

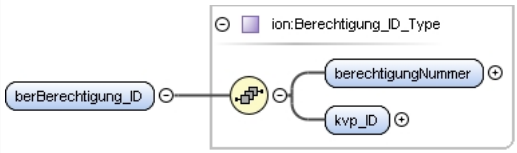
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Bezahlart_CODE_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:Bezahlart_CODE_Type
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/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	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID>
Source	<xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>

Schema location	file:/C:/tmp/KA-Interfaces/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	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID

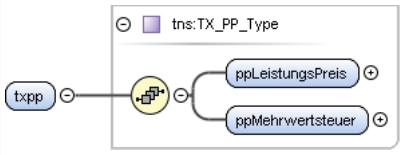
Instance	`<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <berechtigungNummer>{1,1}</berechtigungNummer>`
	`  <kvp_ID>{1,1}</kvp_ID>`
	`</tns:berBerechtigung_ID>`

Source	`<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	tns:SelektionKriterien_Type
Type hierarchy	• xs:dateTime • tns:DateTime • tns:SelektionKriterien_Type
Properties	content: simple
Source	`<xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

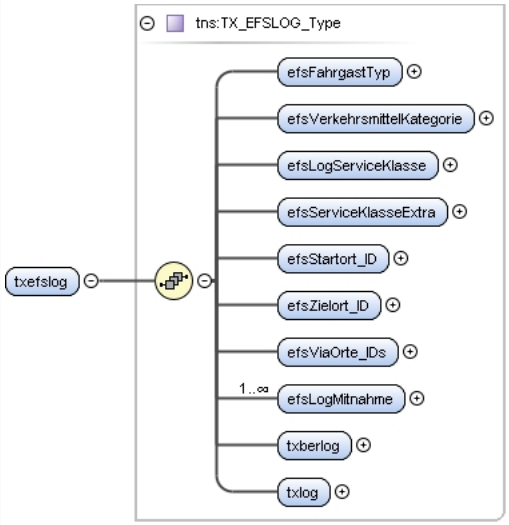
Element `tns:TXAUSEFS_Type / tns:txpp`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_PP_Type
Properties	content: complex
Model	tns:ppLeistungsPreis , tns:ppMehrwertsteuer
Children	tns:ppLeistungsPreis, tns:ppMehrwertsteuer

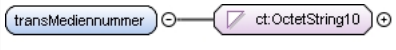
Instance	`<tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <tns:ppLeistungsPreis>{1,1}</tns:ppLeistungsPreis>`
	`  <tns:ppMehrwertsteuer>{1,1}</tns:ppMehrwertsteuer>`
	`</tns:txpp>`

Source	`<xs:element name="txpp" type="tns:TX_PP_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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

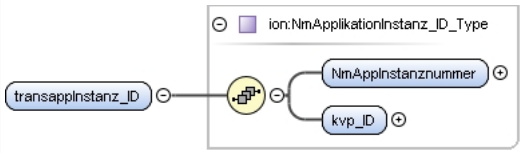
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_EFSLOG_Type
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	tns:efsFahrgastTyp , tns:efsVerkehrsmittelKategorie , tns:efsLogServiceKlasse , tns:efsServiceKlasseExtra , tns:efsStartort_ID , tns:efsZielort_ID , tns:efsViaOrte_IDs , 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	<tns:txefslog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:efsFahrgastTyp>{1,1}</tns:efsFahrgastTyp> <tns:efsVerkehrsmittelKategorie>{1,1}</tns:efsVerkehrsmittelKategorie> <tns:efsLogServiceKlasse>{1,1}</tns:efsLogServiceKlasse> <tns:efsServiceKlasseExtra>{1,1}</tns:efsServiceKlasseExtra> <tns:efsStartort_ID>{1,1}</tns:efsStartort_ID> <tns:efsZielort_ID>{1,1}</tns:efsZielort_ID> <tns:efsViaOrte_IDs>{1,1}</tns:efsViaOrte_IDs> <tns:efsLogMitnahme>{1,unbounded}</tns:efsLogMitnahme> <tns:txberlog>{1,1}</tns:txberlog> <tns:txlog>{1,1}</tns:txlog> </tns:txefslog>
Source	<xs:element name="txefslog" type="tns:TX_EFSLOG_Type" minOccurs="1" maxOccurs="unbounded"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

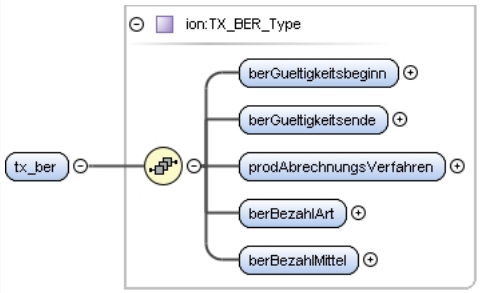
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<xs:element name="transMediennummer" type="ct:OctetString10"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXADM_Type / tns:transappInstanz_ID

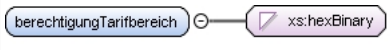
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<tns:transappInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:transappInstanz_ID>
Source	<xs:element name="transappInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

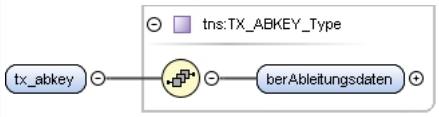
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_BER_Type
Properties	content: complex
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren
Instance	<tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berGueltigkeitsbeginn>{1,1}</berGueltigkeitsbeginn> <berGueltigkeitsende>{1,1}</berGueltigkeitsende> <prodAbrechnungsVerfahren>{1,1}</prodAbrechnungsVerfahren> <berBezahlArt>{1,1}</berBezahlArt> <berBezahlMittel>{1,1}</berBezahlMittel> </tns:tx_ber>
Source	<xs:element name="tx_ber" type="ion:TX_BER_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

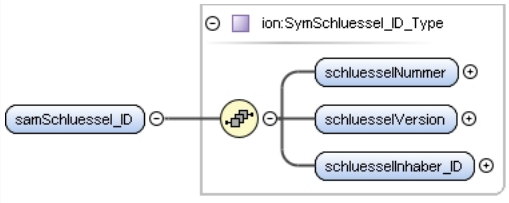
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:TX_ABKEY_Type
Properties	content: complex
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Instance	<tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten> </tns:tx_abkey>
Source	<xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

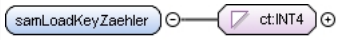
Element tns:TXASKON_Type / tns:samSAM_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SAM_ID_Type
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	<xs:element name="samSAM_ID" type="ion:SAM_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

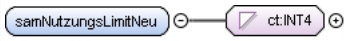
Element tns:TXASKON_Type / tns:samSchluessel_ID

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	<tns:samSchluessel_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:samSchluessel_ID>
Source	<xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXASKON_Type / tns:samLoadKeyZaehler

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:INT4
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	`<xs:element name="samLoadKeyZaehler" type="ct:INT4"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

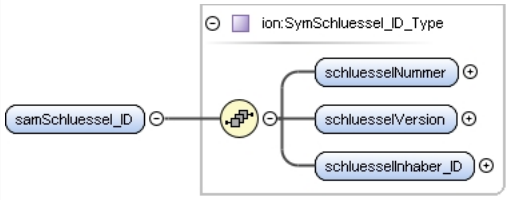
Element tns:TXASKON_Type / tns:samNutzungsLimitNeu

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:INT4
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	`<xs:element name="samNutzungsLimitNeu" type="ct:INT4"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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

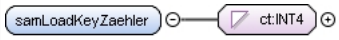
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SAM_ID_Type
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	`<xs:element name="samSAM_ID" type="ion:SAM_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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

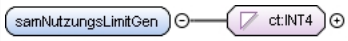
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SymSchluessel_ID_Type

Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<tns:samSchluessel_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:samSchluessel_ID>
Source	<xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

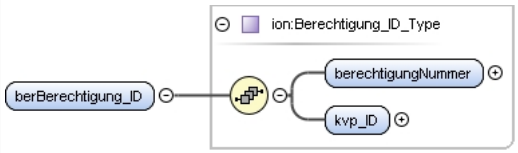
Element tns:TXUEBERKON_Type / tns:samLoadKeyZaehler

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:INT4
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="samLoadKeyZaehler" type="ct:INT4"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

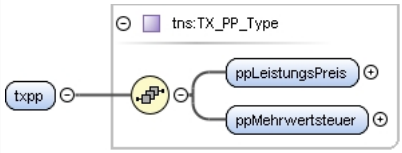
Element tns:TXUEBERKON_Type / tns:samNutzungsLimitGen

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:INT4
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="samNutzungsLimitGen" type="ct:INT4"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID>
Source	<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

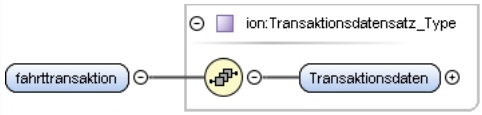
Element tns:TXBEKODL_Type / tns:txpp

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_PP_Type
Properties	content: complex
Model	tns:ppLeistungsPreis , tns:ppMehrwertsteuer
Children	tns:ppLeistungsPreis, tns:ppMehrwertsteuer

Instance	`<tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <tns:ppLeistungsPreis>{1,1}</tns:ppLeistungsPreis>`
	`  <tns:ppMehrwertsteuer>{1,1}</tns:ppMehrwertsteuer>`
	`</tns:txpp>`

Source	`<xs:element name="txpp" type="tns:TX_PP_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

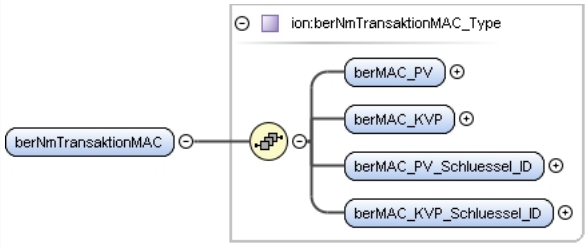
Element tns:TXBEKODL_Type / tns:fahrttransaktion

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex maxOccurs: unbounded
Model	Transaktionsdaten
Children	Transaktionsdaten

Instance	`<tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <Transaktionsdaten>{1,1}</Transaktionsdaten>`
	`</tns:fahrttransaktion>`

Source	`<xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type" maxOccurs="unbounded"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

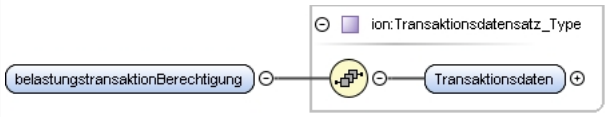
Element tns:TXBEKODL_Type / tns:berNmTransaktionMAC

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
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	`<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <berMAC_PV>{1,1}</berMAC_PV>`
	`  <berMAC_KVP>{1,1}</berMAC_KVP>`
	`  <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID>`
	`  <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID>`

	`</tns:berNmTransaktionMAC>`
Source	`<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

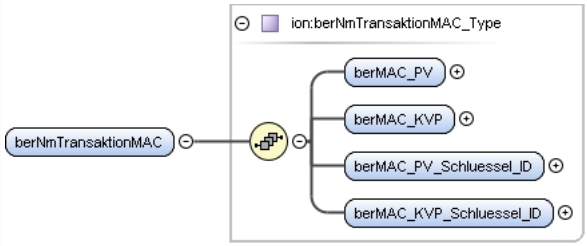
Element `tns:TXGKO_Type / tns:belastungstransaktionBerechtigung`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten

Instance	`<tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <Transaktionsdaten>{1,1}</Transaktionsdaten>`
	`</tns:belastungstransaktionBerechtigung>`

Source	`<xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

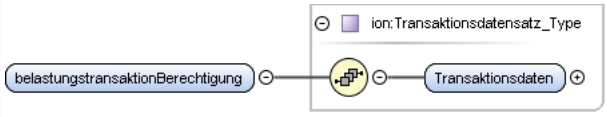
Element `tns:TXGKO_Type / tns:berNmTransaktionMAC`

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID

Instance	`<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <berMAC_PV>{1,1}</berMAC_PV>`
	`  <berMAC_KVP>{1,1}</berMAC_KVP>`
	`  <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID>`
	`  <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID>`
	`</tns:berNmTransaktionMAC>`

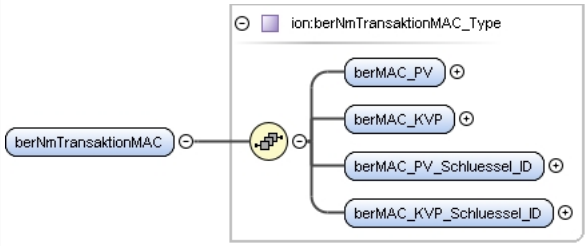
Source	`<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element `tns:TXGWEB_Type / tns:belastungstransaktionBerechtigung`

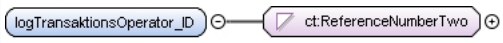
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten

Instance	<tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:belastungstransaktionBerechtigung>
Source	<xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID> <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID> </tns:berNmTransaktionMAC>
Source	<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

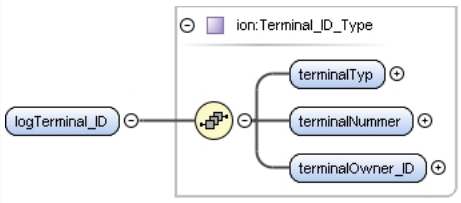
Element tns:TXKNAWA_Type / tns:logTransaktionsOperator_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ReferenceNumberTwo

Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo

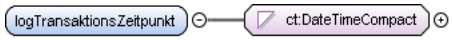
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXKNAWA_Type / tns:logTerminal_ID

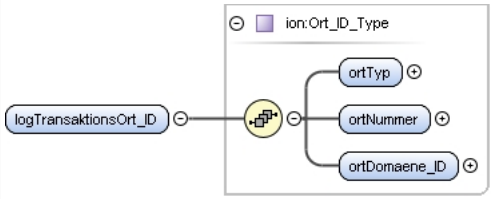
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp> <terminalNummer>{1,1}</terminalNummer> <terminalOwner_ID>{1,1}</terminalOwner_ID> </tns:logTerminal_ID>
Source	<xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsOrt_ID>
Source	<xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

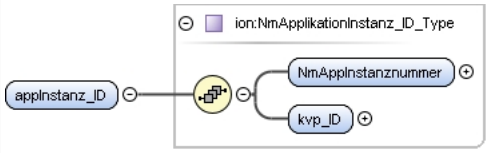
Element tns:TXKNAWA_Type / tns:logValidationCode

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Validation_CODE_Type

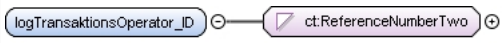
Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:Validation_CODE_Type

Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

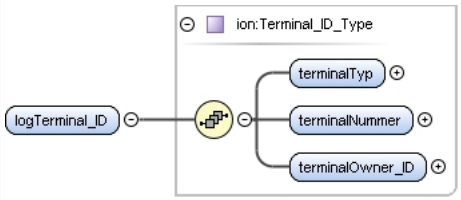
Element tns:TXKNAWA_Type / tns:appInstanz_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<tns:appInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:appInstanz_ID>
Source	<xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

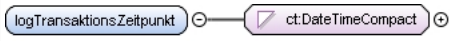
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535
	minInclusive 0
Source	<xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

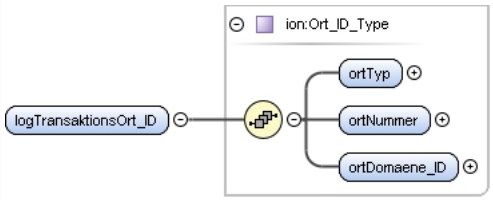
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex

Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp> <terminalNummer>{1,1}</terminalNummer> <terminalOwner_ID>{1,1}</terminalOwner_ID> </tns:logTerminal_ID>
Source	<xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/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
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsOrt_ID>
Source	<xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

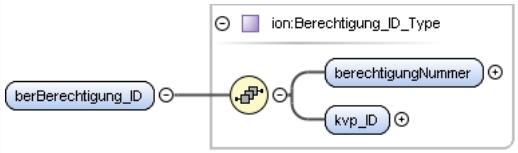
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Validation_CODE_Type

Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:Validation_CODE_Type

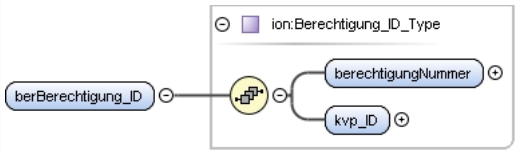
Properties	content: simple

Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

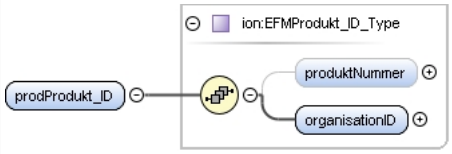
Element tns:TXKNAWB_Type / tns:berBerechtigung_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID>
Source	<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

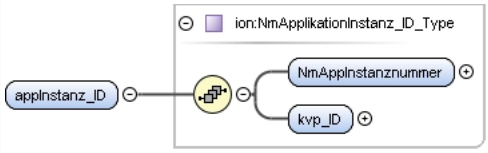
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID>
Source	<xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

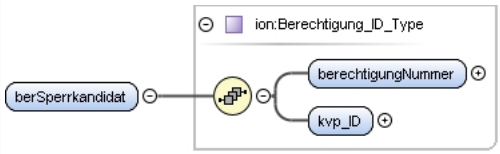
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID

Children	organisationID, produktNummer
Instance	<tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID>
Source	<xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:appInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:appInstanz_ID>
Source	<xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<tns:berSperrkandidat xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berSperrkandidat>
Source	<xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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

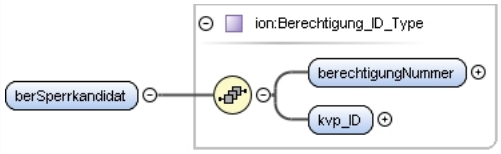
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo

	• tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXSMITS_Type / tns:samSperrkandidat

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SAM_ID_Type
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	`<xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	`<tns:berSperrkandidat xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <berechtigungNummer>{1,1}</berechtigungNummer>`
	`  <kvp_ID>{1,1}</kvp_ID>`
	`</tns:berSperrkandidat>`

Source	`<xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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

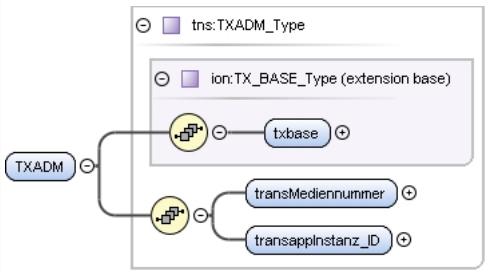
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2

	• tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	`<xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXADM

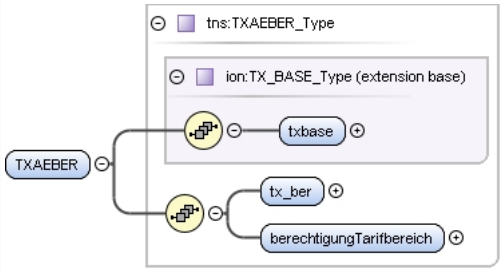
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Antwort auf Anfrage wegen Defektem Medium
Diagram	
Type	tns:TXADM_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXADM_Type
Properties	content: complex
Model	txbase , tns:transMediennummer , tns:transappInstanz_ID
Children	tns:transMediennummer, tns:transappInstanz_ID, txbase

Instance	`<tns:TXADM xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<txbase>{1,1}</txbase>`
	`<tns:transMediennummer>{1,1}</tns:transMediennummer>`
	`<tns:transappInstanz_ID>{1,1}</tns:transappInstanz_ID>`
	`</tns:TXADM>`

Source	`<xs:element name="TXADM" type="tns:TXADM_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Antwort auf Anfrage wegen Defektem Medium</xs:documentation>`
	`</xs:annotation>`

	`</xs:element>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXAEBER

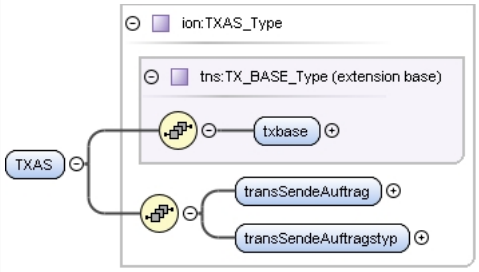
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung einer Berechtigung (nicht moeglich bei EFS)
Diagram	
Type	tns:TXAEBER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAEBER_Type
Properties	content: complex
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich
Children	tns:berechtigungTarifbereich, tns:tx_ber, txbase

Instance	`<tns:TXAEBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <tns:tx_ber>{1,1}</tns:tx_ber>`
	`  <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich>`
	`</tns:TXAEBER>`

Source	`<xs:element name="TXAEBER" type="tns:TXAEBER_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Aenderung einer Berechtigung (nicht moeglich bei EFS)</`
	`xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

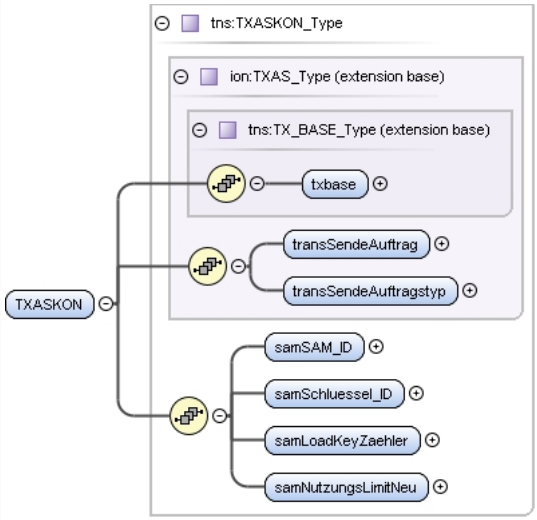
Element tns:TXAS

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aufforderung zum Senden
Diagram	
Type	tns:TXAS_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAS_Type
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp
Children	transSendeAuftrag, transSendeAuftragstyp, txbase

Instance	`<tns:TXAS xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <transSendeAuftrag>{1,1}</transSendeAuftrag>`

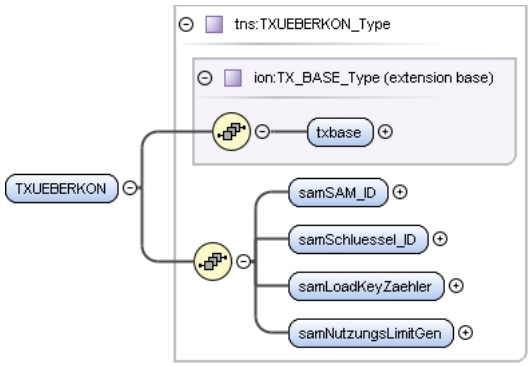
	<transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXAS>
Source	<xs:element name="TXAS" type="ion:TXAS_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXASKON

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	• tns:TX_BASE_Type • tns:TXAS_Type • tns:TXASKON_Type
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	<tns:TXASKON xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:samSAM_ID>{1,1}</tns:samSAM_ID> <tns:samSchluessel_ID>{1,1}</tns:samSchluessel_ID> <tns:samLoadKeyZaehler>{1,1}</tns:samLoadKeyZaehler> <tns:samNutzungsLimitNeu>{1,1}</tns:samNutzungsLimitNeu> </tns:TXASKON>
Source	<xs:element name="TXASKON" type="tns:TXASKON_Type"> <xs:annotation> <xs:documentation>Element: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXUEBERKON

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM

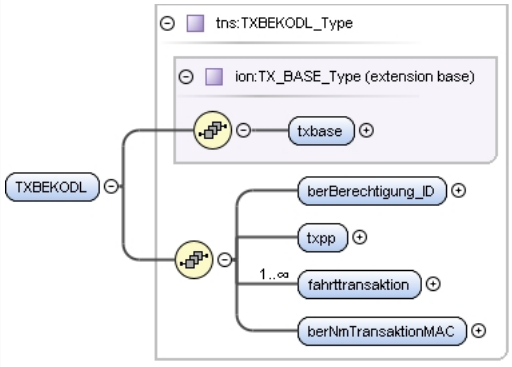
Diagram	
Type	tns:TXUEBERKON_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXUEBERKON_Type
Properties	content: complex
Model	txbase , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitGen
Children	tns:samLoadKeyZaehler, tns:samNutzungsLimitGen, tns:samSAM_ID, tns:samSchluessel_ID, txbase

Instance	<pre><tns:TXUEBERKON xmlns:tns="http://vdv/ka/kvp-dl-pv/2">
	  <txbase>{1,1}</txbase>
	  <tns:samSAM_ID>{1,1}</tns:samSAM_ID>
	  <tns:samSchluessel_ID>{1,1}</tns:samSchluessel_ID>
	  <tns:samLoadKeyZaehler>{1,1}</tns:samLoadKeyZaehler>
	  <tns:samNutzungsLimitGen>{1,1}</tns:samNutzungsLimitGen>
	</tns:TXUEBERKON></pre>

Source	<pre><xs:element name="TXUEBERKON" type="tns:TXUEBERKON_Type">
	  <xs:annotation>
	  <xs:documentation>Element: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation>
	  </xs:annotation>
	</xs:element></pre>

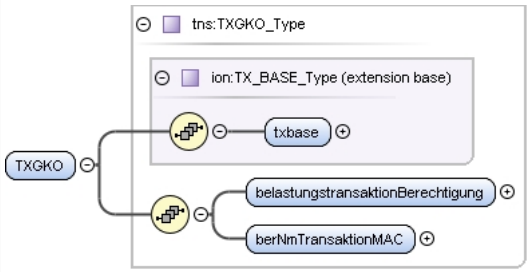
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXBEKODL

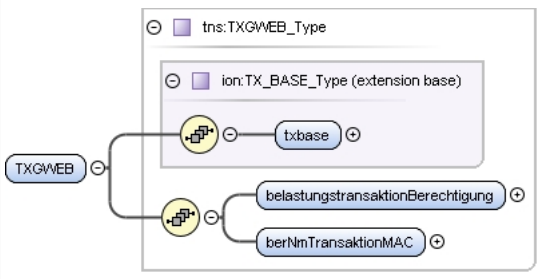
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).
Diagram	
Type	tns:TXBEKODL_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXBEKODL_Type
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	<tns:TXBEKODL xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:txpp>{1,1}</tns:txpp> <tns:fahrttransaktion>{1,unbounded}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXBEKODL>
Source	<xs:element name="TXBEKODL" type="tns:TXBEKODL_Type"> <xs:annotation> <xs:documentation>Element: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXGKO

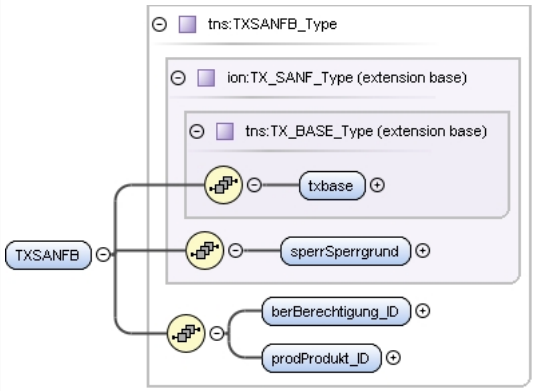
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Gutschrift POB/PEB nach Ruecknahme Kauf eines EFS (analog TXBEKOKVP)
Diagram	
Type	tns:TXGKO_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXGKO_Type
Properties	content: complex
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Instance	<tns:TXGKO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXGKO>
Source	<xs:element name="TXGKO" type="tns:TXGKO_Type"> <xs:annotation> <xs:documentation>Element: Gutschrift POB/PEB nach Ruecknahme Kauf eines EFS (analog TXBEKOKVP)</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXGWEB_Type
Properties	content: complex
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Instance	<tns:TXGWEB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXGWEB>
Source	<xs:element name="TXGWEB" type="tns:TXGWEB_Type"> <xs:annotation> <xs:documentation>Element: Gutschrift WEB nach Ruecknahme eines EFS (analog TXBEKOKVP)</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXSANFB

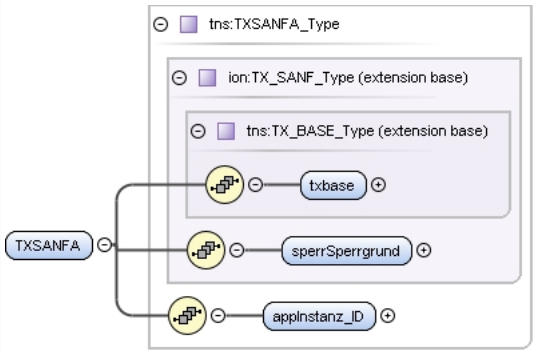
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperranforderung fuer eine Berechtigung
Diagram	
Type	tns:TXSANFB_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SANF_Type
	  • tns:TXSANFB_Type

Properties	content: complex
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Instance	<tns:TXSANFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> </tns:TXSANFB>
Source	<xs:element name="TXSANFB" type="tns:TXSANFB_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

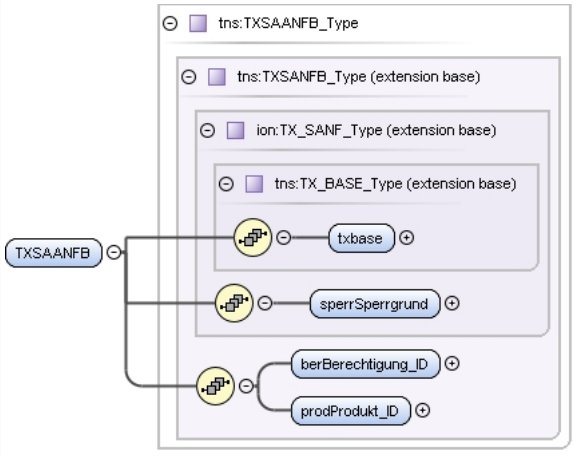
Annotations	`Element: Sperranforderung fuer eine Applikation`
Diagram	
Type	tns:TXSANFA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFA_Type
Properties	content: `complex`
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, tns:appInstanz_ID, txbase

Instance	`<tns:TXSANFA xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<txbase>{1,1}</txbase>`
	`<sperrSperrgrund>{1,1}</sperrSperrgrund>`
	`<tns:appInstanz_ID>{1,1}</tns:appInstanz_ID>`
	`</tns:TXSANFA>`

Source	`<xs:element name="TXSANFA" type="tns:TXSANFA_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Sperranforderung fuer eine Applikation</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

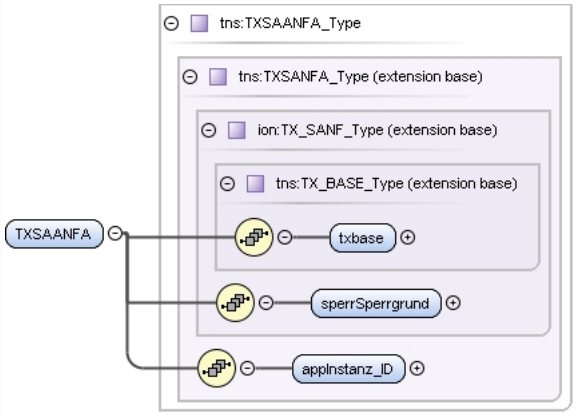
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element `tns:TXSAANFB`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Element: Sperraufhebungsanforderung fuer eine Berechtigung`
Diagram	
Type	tns:TXSAANFB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFB_Type • tns:TXSAANFB_Type

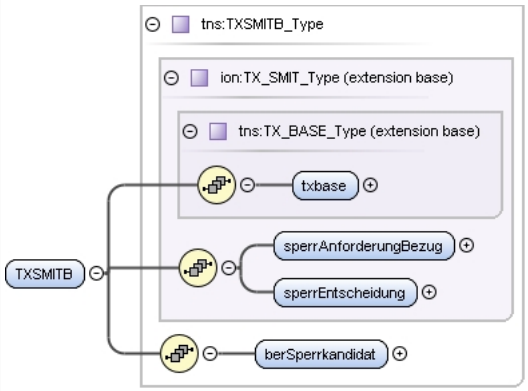
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Instance	<tns:TXSAANFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> </tns:TXSAANFB>
Source	<xs:element name="TXSAANFB" type="tns:TXSAANFB_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFA_Type • tns:TXSAANFA_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, tns:appInstanz_ID, txbase
Instance	<tns:TXSAANFA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> </tns:TXSAANFA>
Source	<xs:element name="TXSAANFA" type="tns:TXSAANFA_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer eine Applikation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

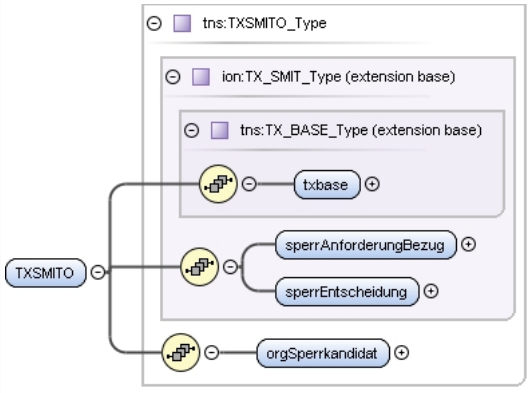
Diagram	
Type	tns:TXSMITB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITB_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase

Instance	`<tns:TXSMITB xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<txbase>{1,1}</txbase>`
	`<sperrAnforderungBezug>{1,1}</sperrAnforderungBezug>`
	`<sperrEntscheidung>{1,1}</sperrEntscheidung>`
	`<tns:berSperrkandidat>{1,1}</tns:berSperrkandidat>`
	`</tns:TXSMITB>`

Source	`<xs:element name="TXSMITB" type="tns:TXSMITB_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Sperrmitteilung Berechtigung</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

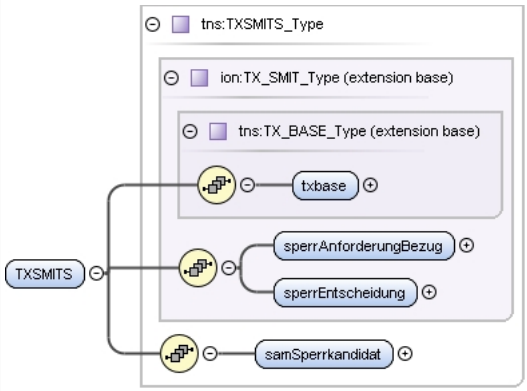
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXSMITO

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrmitteilung Organisation
Diagram	
Type	tns:TXSMITO_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITO_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat

Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase
Instance	<tns:TXSMITO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:orgSperrkandidat>{1,1}</tns:orgSperrkandidat> </tns:TXSMITO>
Source	<xs:element name="TXSMITO" type="tns:TXSMITO_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung Organisation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXSMITS

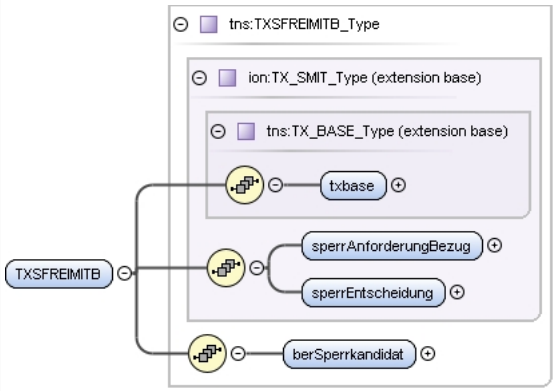
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrmitteilung SAM
Diagram	
Type	tns:TXSMITS_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SMIT_Type
	  • tns:TXSMITS_Type

Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase
Instance	<tns:TXSMITS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:samSperrkandidat>{1,1}</tns:samSperrkandidat> </tns:TXSMITS>
Source	<xs:element name="TXSMITS" type="tns:TXSMITS_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung SAM</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

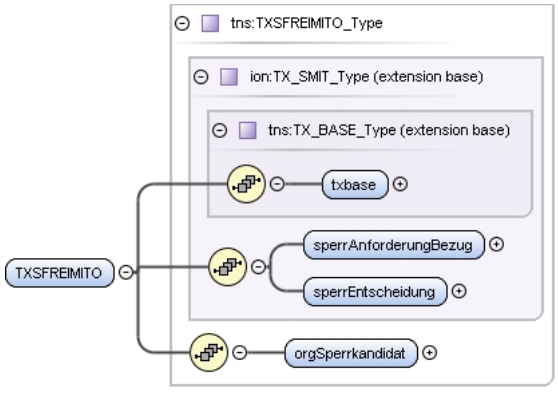
Diagram	
Type	tns:TXSFREIMITB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITB_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase

Instance	`<tns:TXSFREIMITB xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug>`
	`  <sperrEntscheidung>{1,1}</sperrEntscheidung>`
	`  <tns:berSperrkandidat>{1,1}</tns:berSperrkandidat>`
	`</tns:TXSFREIMITB>`

Source	`<xs:element name="TXSFREIMITB" type="tns:TXSFREIMITB_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Sperrfreigabemitteilung Berechtigung</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

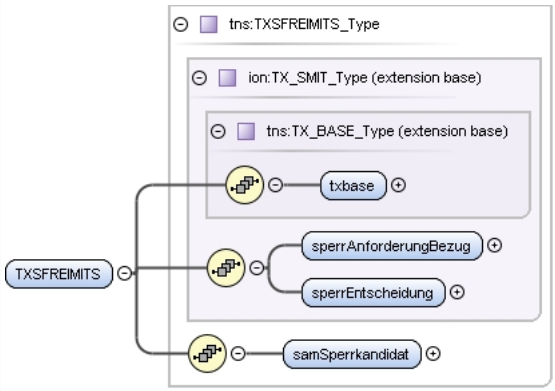
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element `tns:TXSFREIMITO`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Element: Sperrfreigabemitteilung Organisation`
Diagram	
Type	tns:TXSFREIMITO_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITO_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat

Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase
Instance	<tns:TXSFREIMITO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:orgSperrkandidat>{1,1}</tns:orgSperrkandidat> </tns:TXSFREIMITO>
Source	<xs:element name="TXSFREIMITO" type="tns:TXSFREIMITO_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung Organisation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXSFREIMITS

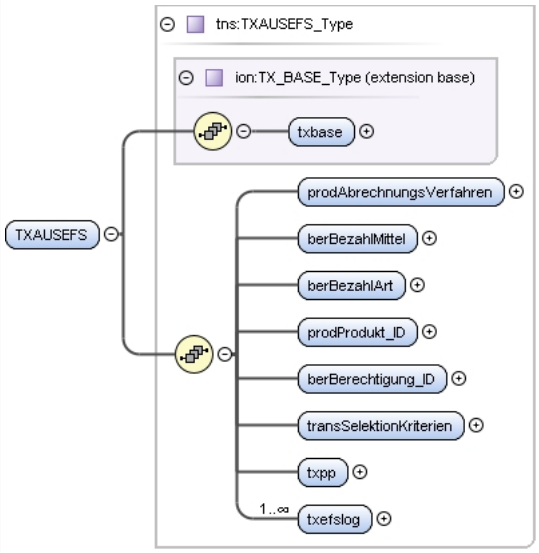
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrfreigabemitteilung SAM
Diagram	
Type	tns:TXSFREIMITS_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SMIT_Type
	  • tns:TXSFREIMITS_Type

Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase
Instance	<tns:TXSFREIMITS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:samSperrkandidat>{1,1}</tns:samSperrkandidat> </tns:TXSFREIMITS>
Source	<xs:element name="TXSFREIMITS" type="tns:TXSFREIMITS_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung SAM</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXAUSEFS_Type
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

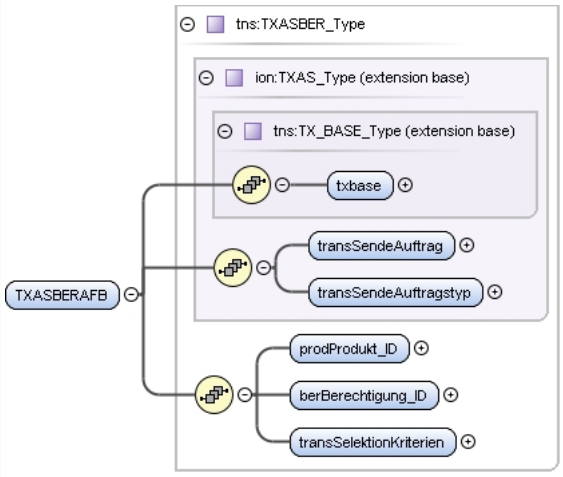
Instance	<pre><tns:TXAUSEFS xmlns:tns="http://vdv/ka/kvp-dl-pv/2">
	  <txbase>{1,1}</txbase>
	  <tns:prodAbrechnungsVerfahren>{1,1}</tns:prodAbrechnungsVerfahren>
	  <tns:berBezahlMittel>{1,1}</tns:berBezahlMittel>
	  <tns:berBezahlArt>{1,1}</tns:berBezahlArt>
	  <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID>
	  <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID>
	  <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien>
	  <tns:txpp>{1,1}</tns:txpp>
	  <tns:txefslog>{1,unbounded}</tns:txefslog>
	</tns:TXAUSEFS></pre>

Source	<pre><xs:element name="TXAUSEFS" type="tns:TXAUSEFS_Type">
	  <xs:annotation>
	  <xs:documentation>Element: Auskunft-EFS Berechtigung, Anzeige fuer Servicezwecke</
	xs:documentation>
	  </xs:annotation>
	</xs:element></pre>

Schema location	file:/C:/tmp/KA-Interfaces/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

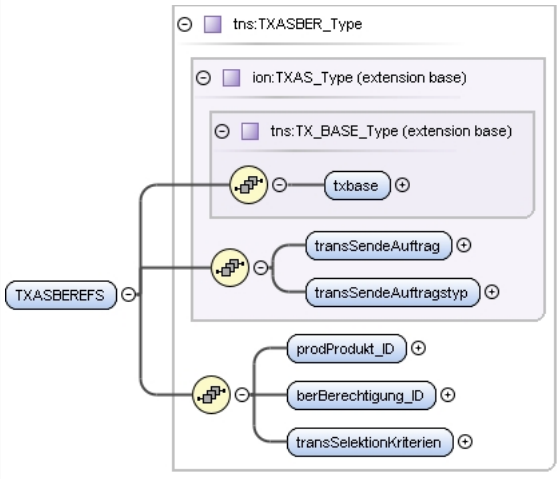
Diagram	
Type	tns:TXASBER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAS_Type • tns:TXASBER_Type
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien
Children	tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:transSelektionKriterien, transSendeAuftrag, transSendeAuftragstyp, txbase

Instance	<pre><tns:TXASBERAFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2">
	  <txbase>{1,1}</txbase>
	  <transSendeAuftrag>{1,1}</transSendeAuftrag>
	  <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp>
	  <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID>
	  <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID>
	  <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien>
	</tns:TXASBERAFB></pre>

Source	<pre><xs:element name="TXASBERAFB" type="tns:TXASBER_Type">
	  <xs:annotation>
	  <xs:documentation>Element: Anforderung der Daten zur Anzeige einer Preisauskunft Fahrt AFB fuer eine Berechtigung aus dem PV System</xs:documentation>
	  </xs:annotation>
	</xs:element></pre>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXASBEREFS

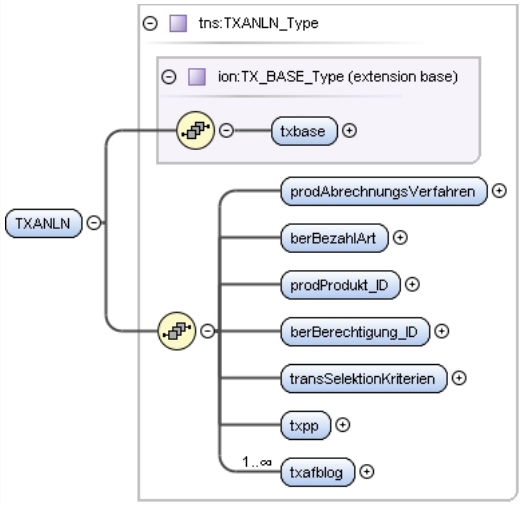
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Anforderung der Daten zur Anzeige einer Preisauskunft ESB (post paid) fuer eine Berechtigung aus dem PV System
Diagram	

Type	tns:TXASBER_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TXAS_Type
	  • tns:TXASBER_Type

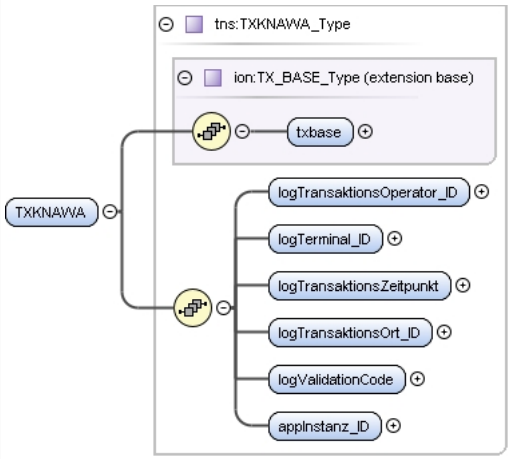
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien
Children	tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:transSelektionKriterien, transSendeAuftrag, transSendeAuftragstyp, txbase
Instance	<tns:TXASBEREFS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien> </tns:TXASBEREFS>
Source	<xs:element name="TXASBEREFS" type="tns:TXASBER_Type"> <xs:annotation> <xs:documentation>Element: Anforderung der Daten zur Anzeige einer Preisauskunft ESB (post paid) fuer eine Berechtigung aus dem PV System</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXANLN_Type
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	<tns:TXANLN xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:prodAbrechnungsVerfahren>{1,1}</tns:prodAbrechnungsVerfahren> <tns:berBezahlArt>{1,1}</tns:berBezahlArt> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID>

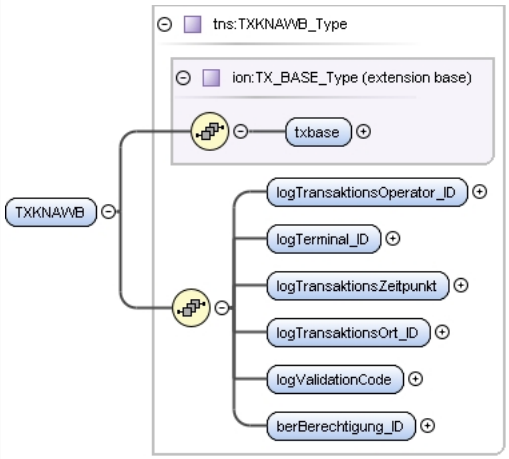
	<tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien> <tns:txpp>{1,1}</tns:txpp> <tns:txafblog>{1,unbounded}</tns:txafblog> </tns:TXANLN>
Source	<xs:element name="TXANLN" type="tns:TXANLN_Type"> <xs:annotation> <xs:documentation>Element: Antwort auf Anforderung der Daten zur Anzeige einer Berechtigung aus dem PV System</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXKNAWA

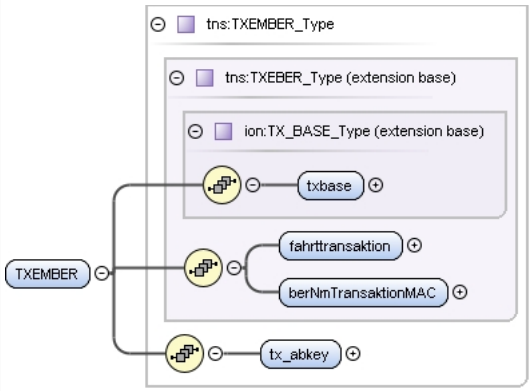
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation
Diagram	
Type	tns:TXKNAWA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXKNAWA_Type
Properties	content: complex
Model	txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:appInstanz_ID
Children	tns:appInstanz_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase
Instance	<tns:TXKNAWA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:logTerminal_ID>{1,1}</tns:logTerminal_ID> <tns:logTransaktionsZeitpunkt>{1,1}</tns:logTransaktionsZeitpunkt> <tns:logTransaktionsOrt_ID>{1,1}</tns:logTransaktionsOrt_ID> <tns:logValidationCode>{1,1}</tns:logValidationCode> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> </tns:TXKNAWA>
Source	<xs:element name="TXKNAWA" type="tns:TXKNAWA_Type"> <xs:annotation> <xs:documentation>Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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 ungueltigen Berechtigung oder einer gueltigen

	statischen Berechtigung (z.B. Barcode)
Diagram	
Type	tns:TXKNAWB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXKNAWB_Type
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	<tns:TXKNAWB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:logTerminal_ID>{1,1}</tns:logTerminal_ID> <tns:logTransaktionsZeitpunkt>{1,1}</tns:logTransaktionsZeitpunkt> <tns:logTransaktionsOrt_ID>{1,1}</tns:logTransaktionsOrt_ID> <tns:logValidationCode>{1,1}</tns:logValidationCode> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> </tns:TXKNAWB>
Source	<xs:element name="TXKNAWB" type="tns:TXKNAWB_Type"> <xs:annotation> <xs:documentation>Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXEMBER

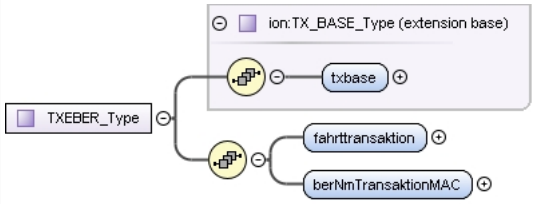
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Erfassung einer Multiberechtigung
Diagram	
Type	tns:TXEMBER_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TXEBER_Type
	  • tns:TXEMBER_Type

Properties	content: complex
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:tx_abkey, txbase
Instance	<tns:TXEMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:tx_abkey>{1,1}</tns:tx_abkey> </tns:TXEMBER>
Source	<xs:element name="TXEMBER" type="tns:TXEMBER_Type"> <xs:annotation> <xs:documentation>Element: Erfassung einer Multiberechtigung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

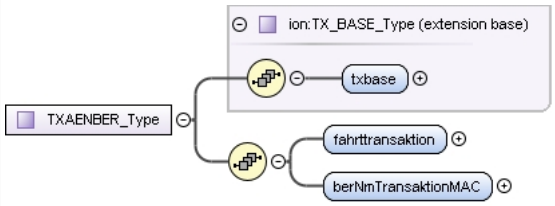
Complex Type(s)

Complex Type tns:TXEBER_Type

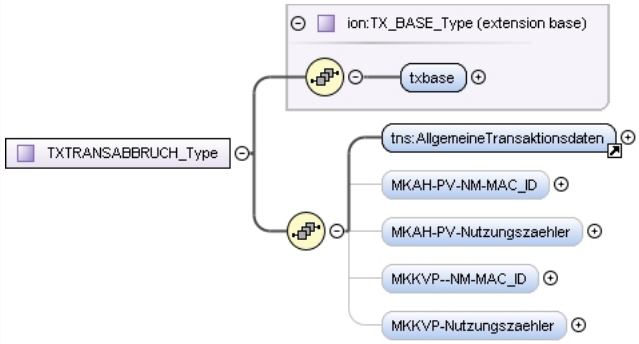
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Erfassung einer Berechtigungstransaktion
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXEBER_Type
Used by	Element tns:TXEBER Complex Type tns:TXEMBER_Type
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase
Source	<xs:complexType name="TXEBER_Type"> <xs:annotation> <xs:documentation>Typ: Erfassung einer Berechtigungstransaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXAENBER_Type
Used by	Element tns:TXAENBER
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase
Source	<xs:complexType name="TXAENBER_Type"> <xs:annotation> <xs:documentation>Typ: Aenderung der Nutzertarifparameter einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type tns:TXTRANSABBRUCH_Type

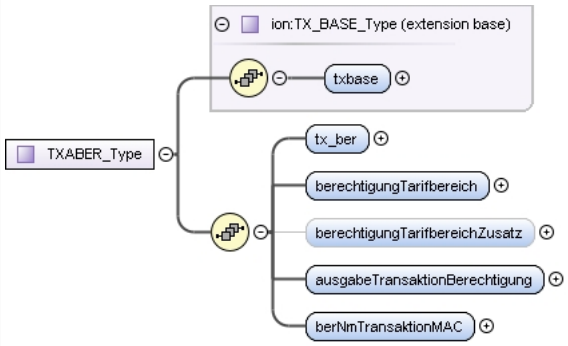
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXTRANSABBRUCH_Type
Used by	Element tns:TXTRANSABBRUCH
Model	txbase , tns:AllgemeineTransaktionsdaten , tns:MKAH-PV-NM-MAC_ID{0,1} , 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	<xs:complexType name="TXTRANSABBRUCH_Type"> <xs:annotation> <xs:documentation>Typ: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element ref="tns:AllgemeineTransaktionsdaten"/>

	<xs:element name="MKAH-PV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="MKAH-PV-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1"/> <xs:element name="MKKVP--NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="MKKVP-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="NmTransaktion_ID_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur Nm_Transaktion_ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="samSequenznummer" type="ct:SequenceNumberFour"/> <xs:element name="SAM_ID.samNummer" type="ion:SAM_ID_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

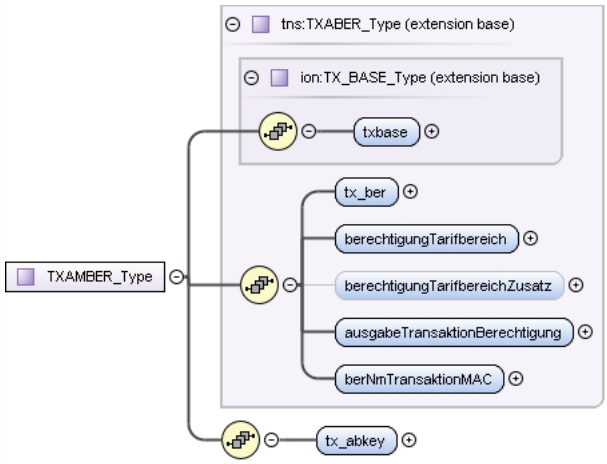
Complex Type `tns:TXABER_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Ausgabe einer Berechtigung`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXABER_Type
Used by	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	<xs:complexType name="TXABER_Type">

```
  <xs:annotation>
    <xs:documentation>Typ: Ausgabe einer Berechtigung</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="ion:TX_BASE_Type">
      <xs:sequence>
        <xs:element name="tx_ber" type="ion:TX_BER_Type"/>
        <xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/>
        <!-- Wegen TXABER in TXANTWORT in PE-Spez ist dieses Element optional -->
        <xs:element name="berechtigungTarifbereichZusatz" type="xs:hexBinary" minOccurs="0"/>
        <xs:element name="ausgabeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/>
        <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXAMBER_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Ausgabemeldung einer Multiberechtigung`
Diagram	
Type	extension of tns:TXABER_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TXABER_Type
	  • tns:TXAMBER_Type

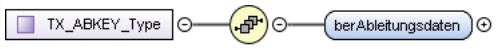
Used by	Element tns:TXAMBER
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_abkey, tns:tx_ber, txbase

Source	`<xs:complexType name="TXAMBER_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Ausgabemeldung einer Multiberechtigung</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="tns:TXABER_Type">`
	`  <xs:sequence>`
	`  <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

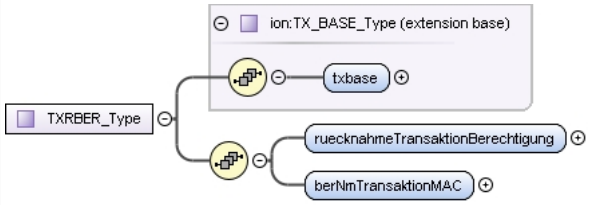
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TX_ABKEY_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2

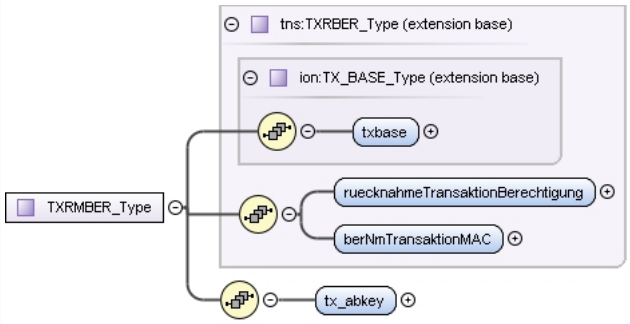
Annotations	Typ: Ableitungsdaten fuer eine Multiberechtigung
Diagram	
Used by	Elements: tns:TXAMBER_Type/tns:tx_abkey, tns:TXEMBER_Type/tns:tx_abkey, tns:TXRMBER_Type/tns:tx_abkey
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Source	<xs:complexType name="TX_ABKEY_Type"> <xs:annotation> <xs:documentation>Typ: Ableitungsdaten fuer eine Multiberechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berAbleitungsdaten" type="ct:OctetString10"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type tns:TXRBER_Type

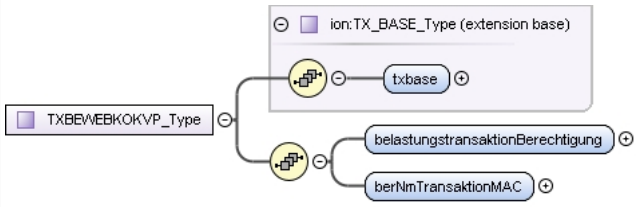
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Ruecknahme einer Berechtigung
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXRBER_Type
Used by	Element: tns:TXRBER Complex Type: tns:TXRMBER_Type
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase
Source	<xs:complexType name="TXRBER_Type"> <xs:annotation> <xs:documentation>Typ: Ruecknahme einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="ruecknahmeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXRBER_Type • tns:TXRMBER_Type
Used by	Element tns:TXRMBER
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, tns:tx_abkey, txbase
Source	<xs:complexType name="TXRMBER_Type"> <xs:annotation> <xs:documentation>Typ: Ruecknahme einer Multiberechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXRBER_Type"> <xs:sequence> <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

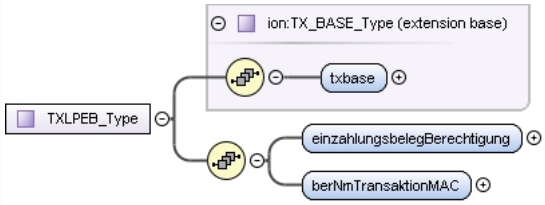
Complex Type `tns:TXBEWEBKOKVP_Type`

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	• tns:TX_BASE_Type • tns:TXBEWEBKOKVP_Type
Used by	Elements tns:TXBEKOKVP, tns:TXBEWEBKVP
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Source	<xs:complexType name="TXBEWEBKOKVP_Type"> <xs:annotation> <xs:documentation>Gemeinsamer Typ: Belastung POB/PEB/WEB</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension>

```
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

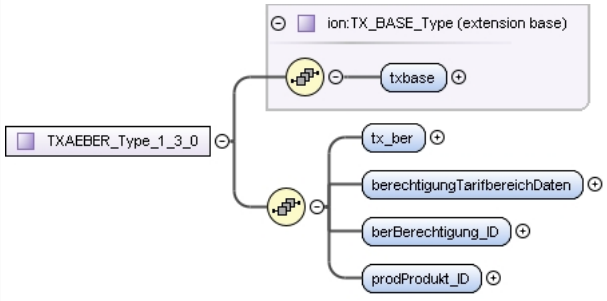
Complex Type `tns:TXLPEB_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Laden eines PEB-Kontos`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXLPEB_Type
Used by	Element tns:TXLPEB
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase

Source	`<xs:complexType name="TXLPEB_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Laden eines PEB-Kontos</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="ion:TX_BASE_Type">`
	`  <xs:sequence>`
	`  <xs:element name="einzahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type"/>`
	`  <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXAEBER_Type_1_3_0
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	`<xs:complexType name="TXAEBER_Type_1_3_0">` `  <xs:annotation>`

```
    <xs:documentation>Typ: Aenderung einer Berechtigung</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="ion:TX_BASE_Type">
      <xs:sequence>
        <xs:element name="tx_ber" type="ion:TX_BER_Type"/>
        <xs:element name="berechtigungTarifbereichDaten" type="xs:hexBinary"/>
        <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>
        <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	
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	

```
<xs:complexType name="Mitnahme_Type">
  <xs:annotation>
    <xs:documentation>Typ: Datenstruktur Ort_ID</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="mitnahmeTyp" type="tns:Profil_CODE_Type"/>
    <xs:element name="mitnahmeAnzahl" type="ct:INT1"/>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	
Used by	Element tns:LinieVariante_ID_Type/tns:linie_ID
Model	tns:linienNummer , tns:linieDomaene_ID
Children	tns:linieDomaene_ID, tns:linienNummer
Source	

```
<xs:complexType name="Linie_ID_Type">
  <xs:annotation>
    <xs:documentation>Typ: Die Linie_ID kennzeichnet eine Linie eindeutig im gesamten
 Geltungsbereich der Kernapplikation</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="linienNummer" type="ct:ReferenceNumberTwo"/>
    <xs:element name="linieDomaene_ID" type="ka:Organisation_ID"/>
  </xs:sequence>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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`

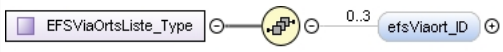
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Die LinieVariante_ID kennzeichnet eine Linienvariante eindeutig im`

	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	<xs:complexType name="LinieVariante_ID_Type"> <xs:annotation> <xs:documentation>Typ: Die LinieVariante_ID kennzeichnet eine Linienvariante eindeutig im gesamten Geltungsbereich der Kernapplikation</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="variantenNummer" type="ct:ReferenceNumberOne"/> <xs:element name="linie_ID" type="tns:Linie_ID_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="Fahrt_ID_Type"> <xs:annotation> <xs:documentation>Typ: Die Fahrt_ID kennzeichnet eine Fahrt eindeutig im gesamten Geltungsbereich der Kernapplikation</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="fahrtNummer" type="ct:ReferenceNumberThree"/> <xs:element name="fahrtBetreiber_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

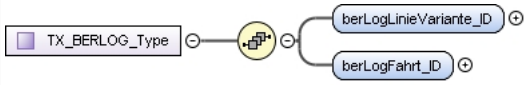
Complex Type `tns:EFSViaOrtsListe_Type`

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	<xs:complexType name="EFSViaOrtsListe_Type"> <xs:annotation> <xs:documentation>Typ:Liste der Orte, die bei einer Fahrt durchfahren werden</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="efsViaort_ID" type="ion:Ort_ID_Type" minOccurs="0" maxOccurs="3"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

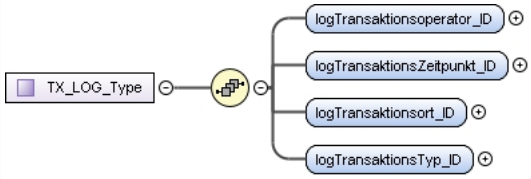
Complex Type tns:TX_PP_Type

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	<xs:complexType name="TX_PP_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Preise</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ppLeistungsPreis" type="tns:Amount65535"/> <xs:element name="ppMehrwertsteuer" type="ct:INT2"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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

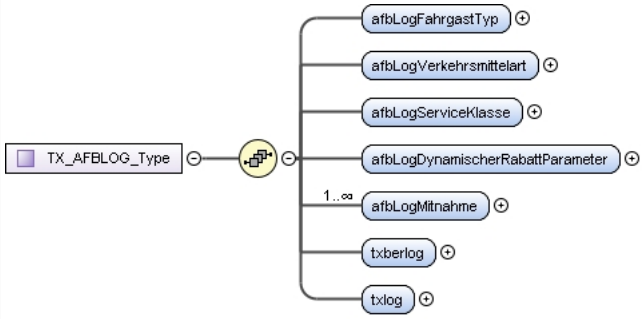
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Berechtigung
Diagram	
Used by	Elements tns:TX_AFBLOG_Type/tns:txberlog, tns:TX_EFSLOG_Type/tns:txberlog
Model	tns:berLogLinieVariante_ID , tns:berLogFahrt_ID
Children	tns:berLogFahrt_ID, tns:berLogLinieVariante_ID
Source	<xs:complexType name="TX_BERLOG_Type"> <xs:annotation> <xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berLogLinieVariante_ID" type="tns:LinieVariante_ID_Type"/> <xs:element name="berLogFahrt_ID" type="tns:Fahrt_ID_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TX_LOG_Type"> <xs:annotation>

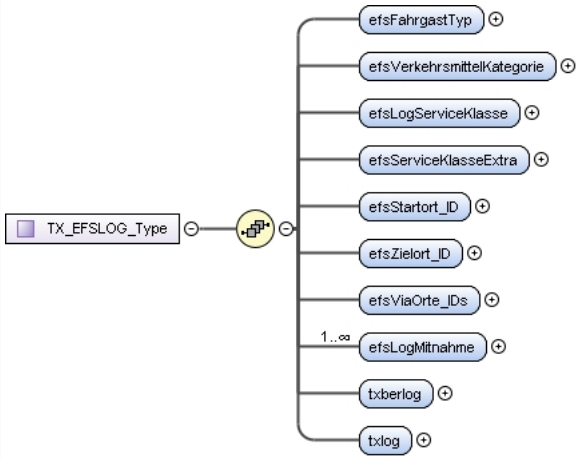
	<xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Transaktion</xs:documentation> <xs:annotation> <xs:sequence> <xs:element name="logTransaktionsoperator_ID" type="ka:Organisation_ID"/> <xs:element name="logTransaktionsZeitpunkt_ID" type="ct:DateTimeCompact"/> <xs:element name="logTransaktionsort_ID" type="ion:Ort_ID_Type"/> <xs:element name="logTransaktionsTyp_ID" type="ion:NmTransaktionsTyp_CODE"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TX_AFBLOG_Type"> <xs:annotation> <xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen einer AFB</xs:documentation> <xs:annotation> <xs:sequence> <xs:element name="afbLogFahrgastTyp" type="tns:Kundentyp_CODE_Type"/> <xs:element name="afbLogVerkehrsmittelart" type="tns:Transportserviceart_CODE_Type"/> <xs:element name="afbLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/> <xs:element name="afbLogDynamischerRabattParameter" type="ct:OctetString4"/> <!-- SST 1107 "List of: Mitnahme" 6.5 Tabelle 6-87 --> <xs:element name="afbLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded"/> <xs:element name="txberlog" type="tns:TX_BERLOG_Type"/> <xs:element name="txlog" type="tns:TX_LOG_Type"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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`

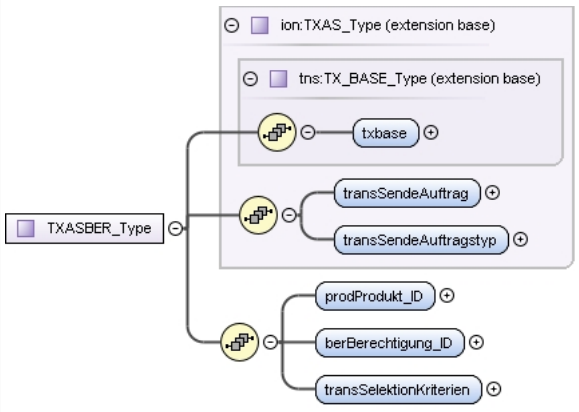
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen eines EFS

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	`<xs:complexType name="TX_EFSLOG_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen eines EFS</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="efsFahrgastTyp" type="tns:Kundentyp_CODE_Type"/>`
	`  <xs:element name="efsVerkehrsmittelKategorie" type="tns:TransportmittelKategorie_CODE_Type"/>`
	`  <xs:element name="efsLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/>`
	`  <xs:element name="efsServiceKlasseExtra" type="tns:ServiceKlasseExtra_CODE_Type"/>`
	`  <xs:element name="efsStartort_ID" type="ion:Ort_ID_Type"/>`
	`  <xs:element name="efsZielort_ID" type="ion:Ort_ID_Type"/>`
	`  <xs:element name="efsViaOrte_IDs" type="tns:EFSViaOrtsListe_Type"/>`
	`  <!-- SST 1107 "List of: Mitnahme" 6.5 Tabelle 6-87 -->`
	`  <xs:element name="efsLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded"/>`
	`  <xs:element name="txberlog" type="tns:TX_BERLOG_Type"/>`
	`  <xs:element name="txlog" type="tns:TX_LOG_Type"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

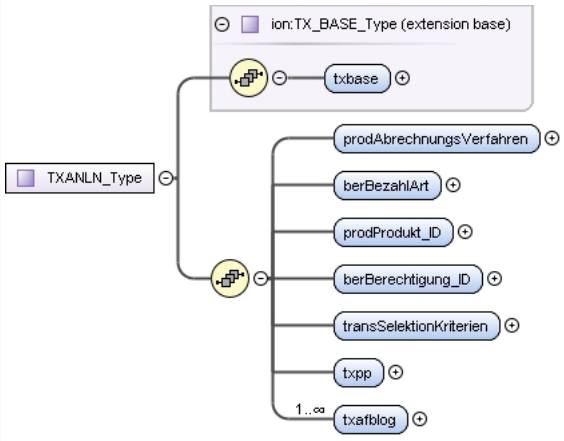
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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	• tns:TX_BASE_Type • tns:TXAS_Type

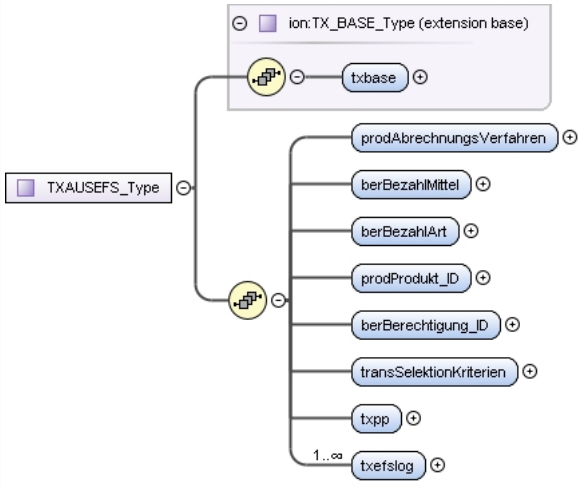
	• tns:TXASBER_Type
Used by	Elements tns:TXASBERAFB, tns:TXASBEREFS
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien
Children	tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:transSelektionKriterien, transSendeAuftrag, transSendeAuftragstyp, txbase
Source	<xs:complexType name="TXASBER_Type"> <xs:annotation> <xs:documentation>Typ:Anzeige Leistungsnachweise einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> <xs:sequence> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXANLN_Type
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	<xs:complexType name="TXANLN_Type"> <xs:annotation> <xs:documentation>Typ:Anzeige Leistungsnachweise einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="prodAbrechnungsVerfahren" type="ion:Abrechnungsverfahren_CODE_Type"/> <xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/> <xs:element name="txpp" type="tns:TX_PP_Type"/> <xs:element name="txafblog" type="tns:TX_AFBLOG_Type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent>

	`</xs:complexType>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXAUSEFS_Type`

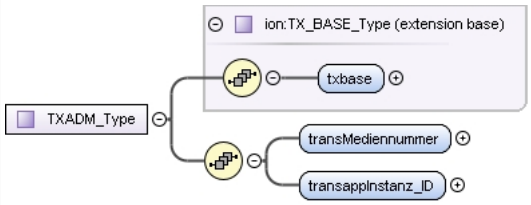
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ:Stellt dem kontofuehrenden KVP alle zu einer EFS-Berechtigung bei einem PV erfassten Daten zur Anzeige fuer Servicezwecke zur Verfuegung`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAUSEFS_Type
Used by	Element tns:TXAUSEFS
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

Source	`<xs:complexType name="TXAUSEFS_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ:Stellt dem kontofuehrenden KVP alle zu einer EFS-Berechtigung bei einem PV erfassten Daten zur Anzeige fuer Servicezwecke zur Verfuegung</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="ion:TX_BASE_Type">`
	`  <xs:sequence>`
	`  <xs:element name="prodAbrechnungsVerfahren" type="ion:Abrechnungsverfahren_CODE_Type"/>`
	`  <xs:element name="berBezahlMittel" type="ct:OctetString10"/>`
	`  <xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/>`
	`  <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/>`
	`  <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/>`
	`  <xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/>`
	`  <xs:element name="txpp" type="tns:TX_PP_Type"/>`
	`  <xs:element name="txefslog" type="tns:TX_EFSLOG_Type" minOccurs="1" maxOccurs="unbounded"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

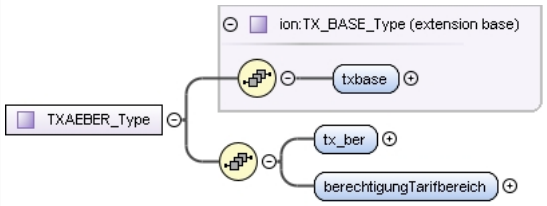
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXADM_Type`

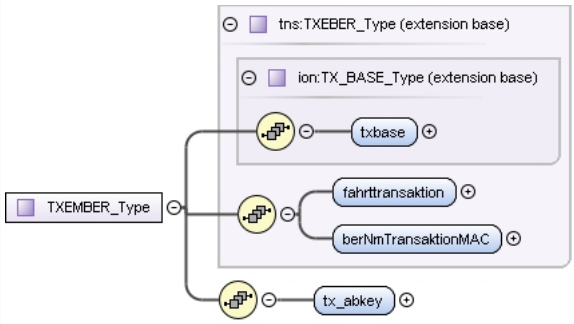
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Antwort auf Anfrage wegen Defektem Medium`

Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXADM_Type
Used by	Element tns:TXADM
Model	txbase , tns:transMediennummer , tns:transappInstanz_ID
Children	tns:transMediennummer, tns:transappInstanz_ID, txbase
Source	<xs:complexType name="TXADM_Type"> <xs:annotation> <xs:documentation>Typ: Antwort auf Anfrage wegen Defektem Medium</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="transMediennummer" type="ct:OctetString10"/> <xs:element name="transappInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

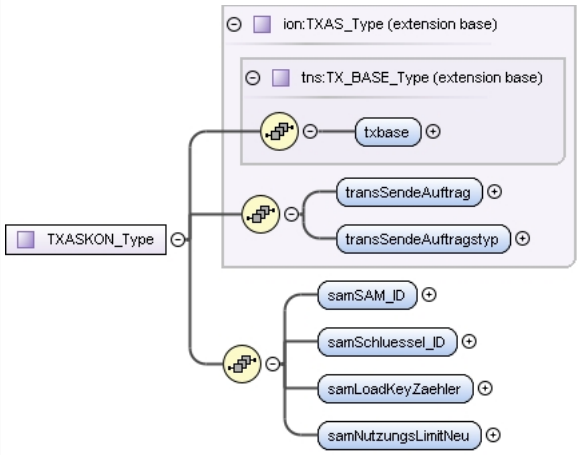
Complex Type `tns:TXAEBER_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Aenderung einer Berechtigung
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAEBER_Type
Used by	Element tns:TXAEBER
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich
Children	tns:berechtigungTarifbereich, tns:tx_ber, txbase
Source	<xs:complexType name="TXAEBER_Type"> <xs:annotation> <xs:documentation>Typ: Aenderung einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="tx_ber" type="ion:TX_BER_Type"/> <xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type tns:TXEMBER_Type

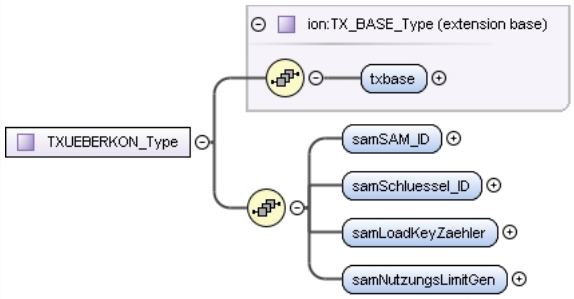
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Erfassung einer Multiberechtigung
Diagram	
Type	extension of tns:TXEBER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXEBER_Type • tns:TXEMBER_Type
Used by	Element tns:TXEMBER
Model	txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:tx_abkey, txbase
Source	<xs:complexType name="TXEMBER_Type"> <xs:annotation> <xs:documentation>Typ: Erfassung einer Multiberechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXEBER_Type"> <xs:sequence> <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type tns:TXASKON_Type

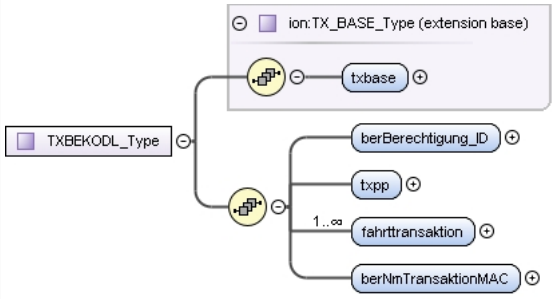
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM
Diagram	
Type	extension of tns:TXAS_Type
Type hierarchy	• tns:TX_BASE_Type

	• tns:TXAS_Type • tns:TXASKON_Type
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	<xs:complexType name="TXASKON_Type"> <xs:annotation> <xs:documentation>Typ: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> <xs:sequence> <xs:element name="samSAM_ID" type="ion:SAM_ID_Type"/> <xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type"/> <xs:element name="samLoadKeyZaehler" type="ct:INT4"/> <xs:element name="samNutzungsLimitNeu" type="ct:INT4"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

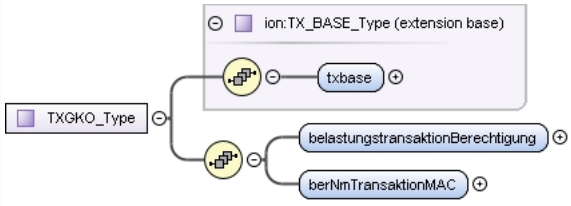
Complex Type `tns:TXUEBERKON_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXUEBERKON_Type
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	<xs:complexType name="TXUEBERKON_Type"> <xs:annotation> <xs:documentation>Typ: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="samSAM_ID" type="ion:SAM_ID_Type"/> <xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type"/> <xs:element name="samLoadKeyZaehler" type="ct:INT4"/> <xs:element name="samNutzungsLimitGen" type="ct:INT4"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type tns:TXBEKODL_Type

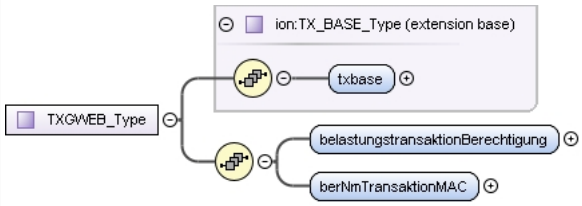
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXBEKODL_Type
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	<xs:complexType name="TXBEKODL_Type"> <xs:annotation> <xs:documentation>Typ: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="txpp" type="tns:TX_PP_Type"/> <xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type" maxOccurs="unbounded"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXGKO_Type
Used by	Element tns:TXGKO
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase

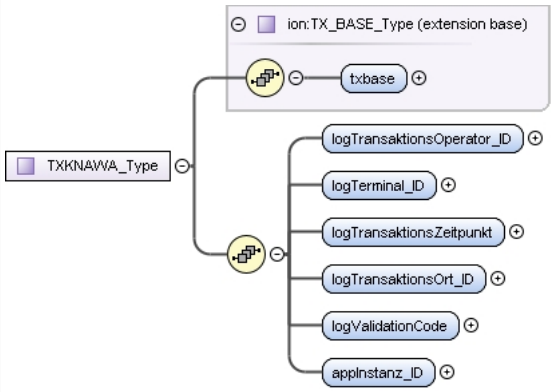
Source	<xs:complexType name="TXGKO_Type"> <xs:annotation> <xs:documentation>Typ: Gutschrift POB/PEB</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TXGWEB_Type
Used by	Element tns:TXGWEB
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Source	<xs:complexType name="TXGWEB_Type"> <xs:annotation> <xs:documentation>Typ: Gutschrift WEB</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXKNAWA_Type`

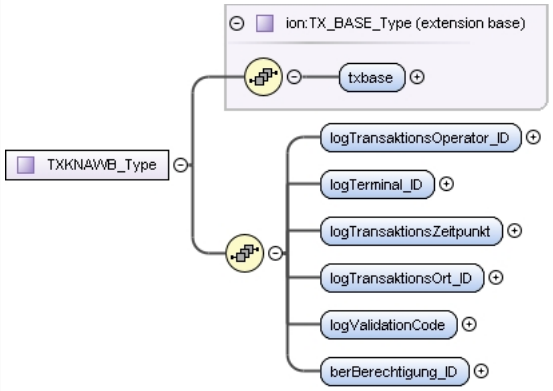
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation`

Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXKNAWA_Type
Used by	Element tns:TXKNAWA
Model	txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:appInstanz_ID
Children	tns:appInstanz_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase

Source	`<xs:complexType name="TXKNAWA_Type">`
	`<xs:annotation>`
	`<xs:documentation>Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexContent>`
	`<xs:extension base="ion:TX_BASE_Type">`
	`<xs:sequence>`
	`<xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>`
	`<xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/>`
	`<xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>`
	`<xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/>`
	`<xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/>`
	`<xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>`
	`</xs:sequence>`
	`</xs:extension>`
	`</xs:complexContent>`
	`</xs:complexType>`

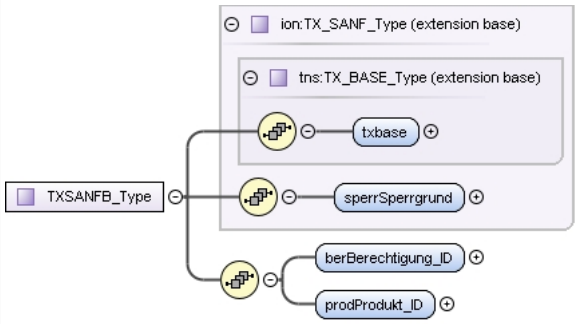
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXKNAWB_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)`
Diagram	
Type	extension of tns:TX_BASE_Type

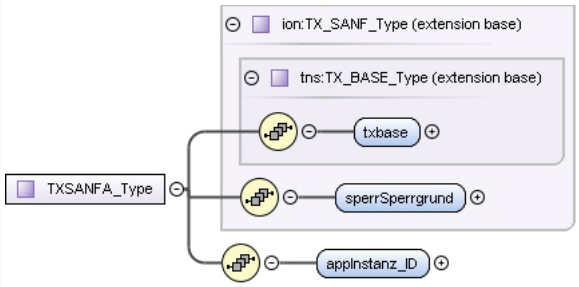
Type hierarchy	• tns:TX_BASE_Type • tns:TXKNAWB_Type
Used by	Element tns:TXKNAWB
Model	txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:berBerechtigung_ID
Children	tns:berBerechtigung_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase
Source	<xs:complexType name="TXKNAWB_Type"> <xs:annotation> <xs:documentation>Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/> <xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/> <xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/> <xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/> <xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFB_Type
Used by	Complex Type tns:TXSAANFB_Type Element tns:TXSANFB
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Source	<xs:complexType name="TXSANFB_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SANF_Type"> <xs:sequence> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent>

	`</xs:complexType>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

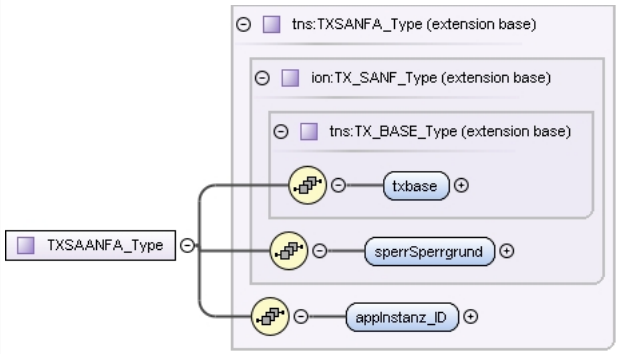
Complex Type `tns:TXSANFA_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Sperranforderung fuer eine Applikation`
Diagram	
Type	extension of tns:TX_SANF_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFA_Type
Used by	Complex Type: tns:TXSAANFA_Type Element: tns:TXSANFA
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, tns:appInstanz_ID, txbase

Source	`<xs:complexType name="TXSANFA_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperranforderung fuer eine Applikation</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="ion:TX_SANF_Type">`
	`  <xs:sequence>`
	`  <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

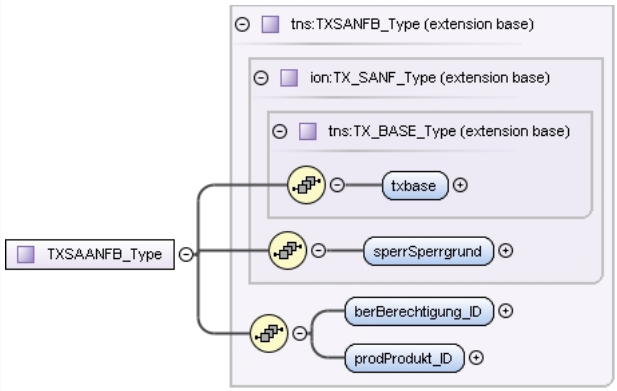
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXSAANFA_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Sperraufhebungsanforderung fuer eine Applikation`
Diagram	
Type	extension of tns:TXSANFA_Type
Type hierarchy	• tns:TX_BASE_Type

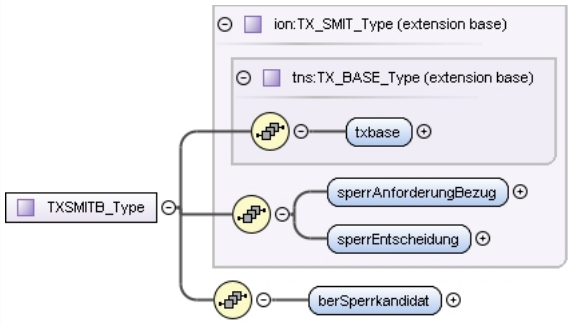
	• tns:TX_SANF_Type • tns:TXSANFA_Type • tns:TXSAANFA_Type
Used by	Element tns:TXSAANFA
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, tns:appInstanz_ID, txbase
Source	<xs:complexType name="TXSAANFA_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer eine Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFA_Type"/> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFB_Type • tns:TXSAANFB_Type
Used by	Element tns:TXSAANFB
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Source	<xs:complexType name="TXSAANFB_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFB_Type"/> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type tns:TXSMITB_Type

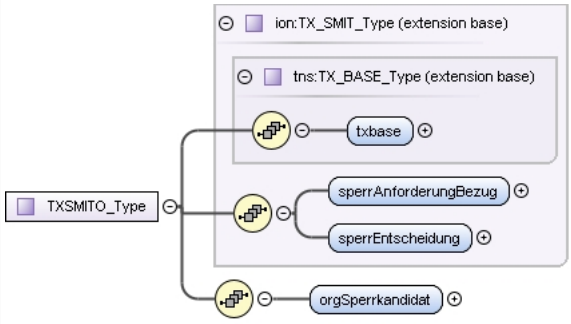
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperrmitteilung Berechtigung

Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITB_Type
Used by	Element tns:TXSMITB
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase

Source	`<xs:complexType name="TXSMITB_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperrmitteilung Berechtigung</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="ion:TX_SMIT_Type">`
	`  <xs:sequence>`
	`  <xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXSMITO_Type`

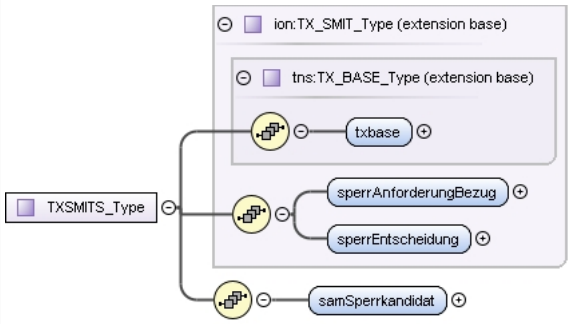
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Sperrmitteilung Organisation`
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITO_Type
Used by	Element tns:TXSMITO
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase

Source	`<xs:complexType name="TXSMITO_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperrmitteilung Organisation</xs:documentation>`
	`  </xs:annotation>`

```
  <xs:complexContent>
    <xs:extension base="ion:TX_SMIT_Type">
      <xs:sequence>
        <xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

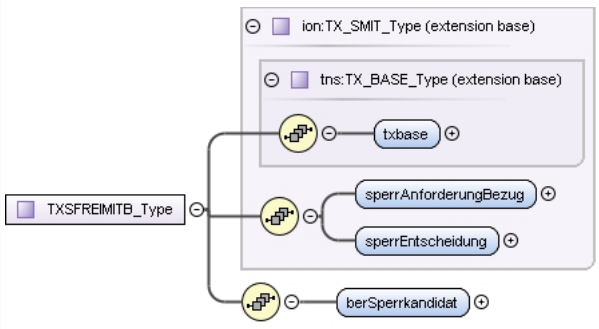
Complex Type `tns:TXSMITS_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Sperrmitteilung SAM`
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITS_Type
Used by	Element tns:TXSMITS
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase

Source	<pre><xs:complexType name="TXSMITS_Type">
	  <xs:annotation>
	  <xs:documentation>Typ: Sperrmitteilung SAM</xs:documentation>
	  </xs:annotation>
	  <xs:complexContent>
	  <xs:extension base="ion:TX_SMIT_Type">
	  <xs:sequence>
	  <xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/>
	  </xs:sequence>
	  </xs:extension>
	  </xs:complexContent>
	</xs:complexType></pre>

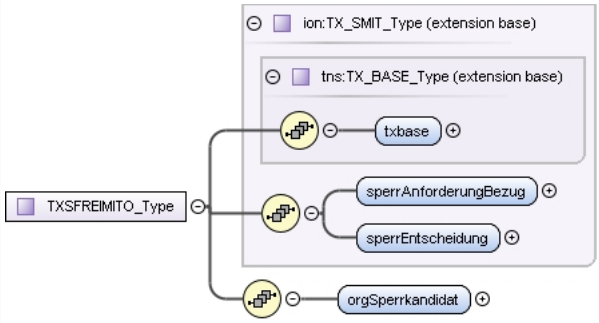
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXSFREIMITB_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Sperrfreigabemitteilung Berechtigung`
Diagram	

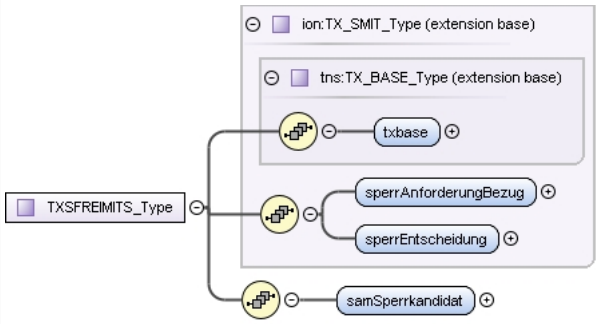
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITB_Type
Used by	Element tns:TXSFREIMITB
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase
Source	<xs:complexType name="TXSFREIMITB_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITO_Type
Used by	Element tns:TXSFREIMITO
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase
Source	<xs:complexType name="TXSFREIMITO_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung Organisation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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

Annotations	Typ: Sperrfreigabemitteilung SAM
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITS_Type
Used by	Element tns:TXSFREIMITS
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase
Source	<xs:complexType name="TXSFREIMITS_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung SAM</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

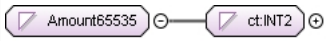
Simple Type(s)

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. Zum Validieren siehe ValidationCodeEnumType in XML-Schema_KVP_DL_PV_Enums_ext-X.X.X.xsd
Diagram	
Type	tns:INT1
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:Validation_CODE_Type
Facets	maxInclusive 255 minInclusive 0
Used by	Elements tns:TXKNAWA_Type/tns:logValidationCode, tns:TXKNAWB_Type/tns:logValidationCode
Source	<xs:simpleType name="Validation_CODE_Type"> <xs:annotation> <xs:documentation>BOM 6-62 Der Validation_CODE klassifiziert den Grund der Erstellung eines Kontrollnachweises ohne Transaktionsausfuehrung mit dem Nutzermedium. Zum Validieren siehe ValidationCodeEnumType in XML-Schema_KVP_DL_PV_Enums_ext-X.X.X.xsd</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType>

Schema location	file:/C:/tmp/KA-Interfaces/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

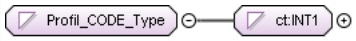
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:Amount65535

Facets	maxInclusive 65535 minInclusive 0
Used by	Element tns:TX_PP_Type/tns:ppLeistungsPreis

Source	`<xs:simpleType name="Amount65535">`
	`  <xs:restriction base="ct:INT2"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt
	  • tns:INT1
	  • tns:Profil_CODE_Type

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

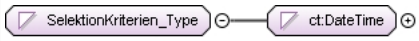
Source	`<xs:simpleType name="Profil_CODE_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: klassifiziert Kunden, Objekte, etc. bzgl. tarifrelevanter Gruppen des OePV BOM 6_45</xs:documentation>`
	`  </xs:annotation>`
	`  <!--`

```
            TODO: Fehler in BOM: Personal 7 Rechtschreibung + doppelt ?? Im anderen ist es richtig,
            Personal = 9, habe ich so uebernommen
        -->
  <xs:restriction base="ct:INT1">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Erwachsener</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Kind</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Student</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>Behinderter</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>Sehbehinderter</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Hoergeschaedigter</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Arbeitsloser/Sozialhilfeempfaenger</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Personal</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>Militaeranhehoeriger</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="19">
      <xs:annotation>
        <xs:documentation>Schueler</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="20">
      <xs:annotation>
        <xs:documentation>Azubi</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
      <xs:annotation>
        <xs:documentation>Senior</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:dateTime • tns:DateTime • tns:SelektionKriterien_Type
Used by	Elements: tns:TXANLN_Type/tns:transSelektionKriterien, tns:TXASBER_Type/tns:transSelektionKriterien, tns:TXAUSEFS_Type/tns:transSelektionKriterien

Source	`<xs:simpleType name="SelektionKriterien_Type">`
	`<xs:annotation>`
	`<xs:documentation>Typ: Selektionskriterion in XML Datumform. BOM 1107 Tabelle 6-18, heisst dort 'XML'</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="ct:DateTime"/>`
	`</xs:simpleType>`

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:Kundentyp_CODE_Type

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

```
<xs:simpleType name="Kundentyp_CODE_Type">
  <xs:annotation>
    <xs:documentation>Der Kundentyp_CODE klassifiziert Kunden bzgl. typischer tarifrelevanter
 Kundengruppen des OePV. BOM 6-38</xs:documentation>
  </xs:annotation>
  <xs:restriction base="ct:INT1">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
```

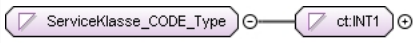
```
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Erwachsener</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Kind</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Student</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>Behinderter</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>Sehbehinderter</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>Hoergeschaedigter</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>Arbeitsloser/Sozialhilfeempfaenger</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>Personal</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>Militaeranhehoeriger</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="19">
      <xs:annotation>
        <xs:documentation>Schueler</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="20">
      <xs:annotation>
        <xs:documentation>Azubi</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
      <xs:annotation>
        <xs:documentation>Senior</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/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	`Der ServiceKlasse_CODE klassifiziert Servicequalitaeten der Transportdienstleistung.`
	`Haeufigstes Beispiel ist die Unterscheidung in 1. und 2. Klasse.`
	`BOM 6-49`

Diagram	
Type	restriction of tns:INT1
Type hierarchy	• xs:unsignedInt

	• tns:INT1 • tns:ServiceKlasse_CODE_Type
Facets	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	<xs:simpleType name="ServiceKlasse_CODE_Type"> <xs:annotation> <xs:documentation>Der ServiceKlasse_CODE klassifiziert Servicequalitaeten der Transportdienstleistung. Haeufigstes Beispiel ist die Unterscheidung in 1. und 2. Klasse. BOM 6-49</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>1. Klasse</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>2. Klasse</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:ServiceKlasseExtra_CODE_Type
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
Used by	Element tns:TX_EFSLOG_Type/tns:efsServiceKlasseExtra
Source	<xs:simpleType name="ServiceKlasseExtra_CODE_Type"> <xs:annotation> <xs:documentation>Der ServiceKlasseExtra_CODE klassifiziert zusaetzliche Services/Servicequalitaeten im Zusammenhang mit der Transportdienstleistung. BOM 6-50</xs:documentation>

```
  </xs:annotation>
  <xs:restriction base="ct:INT1">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Fruehstueck</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Mittagessen</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>Abendessen</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Buffet</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>Imbiss</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Simple Type `tns:TransportTypeCode_Type`

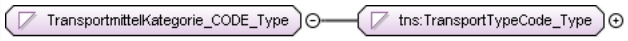
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Der TransportTypeCode_Type oder TransportmittelKategorie_CODE bzw. Transportserviceart_CODE_Type (Spez BOM) klassifiziert Arten von Transportdienstleistungen im Sinne einer Qualitaetsklasse, z.B. "IC/EC", "ICE" bei der Deutschen Bahn. Diese Kategorien sind "marketinggetrieben" mit Auswirkungen auf den Preis und daher produktspezifisch. 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.
Diagram	
Type	tns:INT1

Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:TransportTypeCode_Type

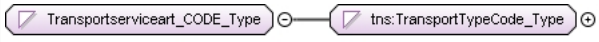
Facets	maxInclusive 255 minInclusive 0
Used by	Simple Types tns:TransportmittelKategorie_CODE_Type, tns:Transportserviceart_CODE_Type
Source	<xs:simpleType name="TransportTypeCode_Type"> <xs:annotation> <xs:documentation>Der TransportTypeCode_Type oder TransportmittelKategorie_CODE bzw. Transportserviceart_CODE_Type (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. 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.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:TransportTypeCode_Type • tns:TransportmittelKategorie_CODE_Type
Facets	maxInclusive 255 minInclusive 0
Used by	Element tns:TX_EFSLOG_Type/tns:efsVerkehrsmittelKategorie
Source	<xs:simpleType name="TransportmittelKategorie_CODE_Type"> <xs:annotation> <xs:documentation>Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst.</xs:documentation> </xs:annotation> <xs:restriction base="tns:TransportTypeCode_Type"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:TransportTypeCode_Type • tns:Transportserviceart_CODE_Type
Facets	maxInclusive 255 minInclusive 0
Used by	Element tns:TX_AFBLOG_Type/tns:afbLogVerkehrsmittelart
Source	<xs:simpleType name="Transportserviceart_CODE_Type"> <xs:annotation> <xs:documentation>Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst.</xs:documentation> </xs:annotation> <xs:restriction base="tns:TransportTypeCode_Type"/> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

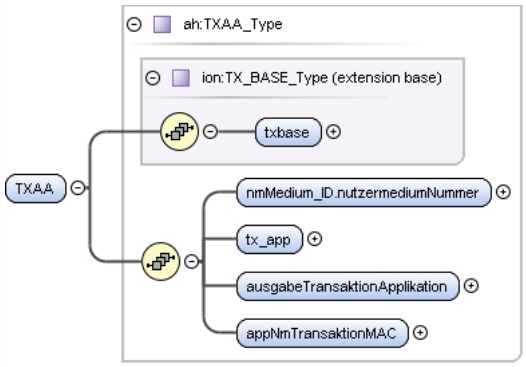
Schema(s)

Imported schema XML-Schema_AH.xsd

Namespace	http://vdv/ka/ah/2
Properties	attribute form default: unqualified element form default: unqualified version: 1.13.0
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

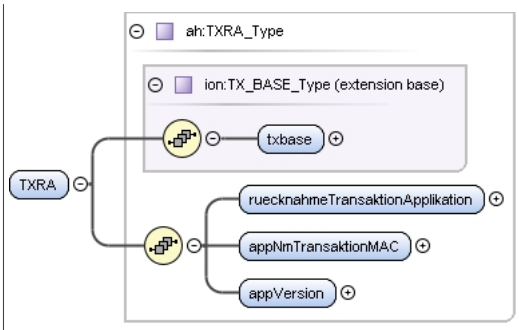
Element(s)

Element ah:TXAA

Namespace	http://vdv/ka/ah/2
Annotations	Element: Ausgabe einer Applikation
Diagram	
Type	ah:TXAA_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXAA_Type
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	<ah:TXAA xmlns:ah="http://vdv/ka/ah/2"> <txbase>{1,1}</txbase> <nmMedium_ID.nutzermediumNummer>{1,1}</nmMedium_ID.nutzermediumNummer> <tx_app>{1,1}</tx_app> <ausgabeTransaktionApplikation>{1,1}</ausgabeTransaktionApplikation> <appNmTransaktionMAC>{1,1}</appNmTransaktionMAC> </ah:TXAA>
Source	<xs:element name="TXAA" type="ah:TXAA_Type"> <xs:annotation> <xs:documentation>Element: Ausgabe einer Applikation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

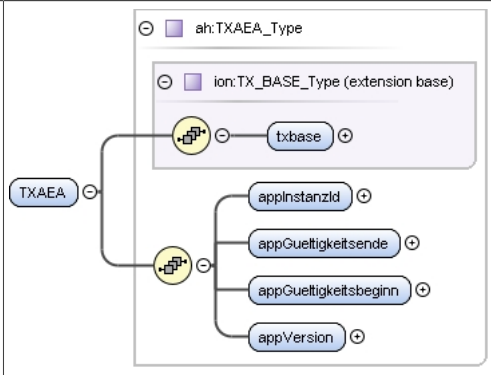
Diagram	
Type	ah:TXRA_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXRA_Type
Properties	content: complex
Used by	Complex Type tns:TXLOEBER_Type
Model	txbase , ruecknahmeTransaktionApplikation , appNmTransaktionMAC , appVersion
Children	appNmTransaktionMAC, appVersion, ruecknahmeTransaktionApplikation, txbase

Instance	`<ah:TXRA xmlns:ah="http://vdv/ka/ah/2">`
	`<txbase>{1,1}</txbase>`
	`<ruecknahmeTransaktionApplikation>{1,1}</ruecknahmeTransaktionApplikation>`
	`<appNmTransaktionMAC>{1,1}</appNmTransaktionMAC>`
	`<appVersion>{1,1}</appVersion>`
	`</ah:TXRA>`

Source	`<xs:element name="TXRA" type="ah:TXRA_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Ruecknahme einer Applikation</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

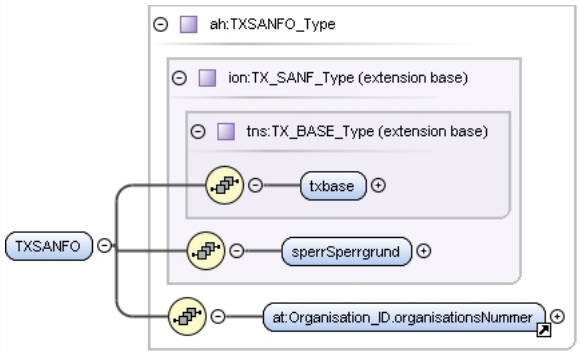
Element ah:TXAEA

Namespace	http://vdv/ka/ah/2
Annotations	Element: Aenderung einer Applikation
Diagram	
Type	ah:TXAEA_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXAEA_Type
Properties	content: complex
Used by	Complex Type tns:TXAENDBER_Type
Model	txbase , appInstanzId , appGueltigkeitsende , appGueltigkeitsbeginn , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanzId, appVersion, txbase

Instance	`<ah:TXAEA xmlns:ah="http://vdv/ka/ah/2">`
	`<txbase>{1,1}</txbase>`
	`<appInstanzId>{1,1}</appInstanzId>`

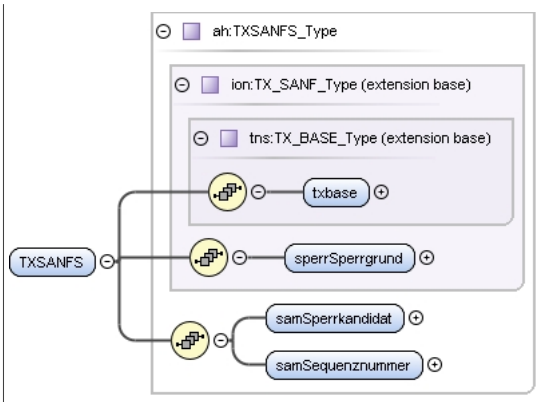
	<appGueltigkeitsende>{1,1}</appGueltigkeitsende> <appGueltigkeitsbeginn>{1,1}</appGueltigkeitsbeginn> <appVersion>{1,1}</appVersion> </ah:TXAEA>
Source	<xs:element name="TXAEA" type="ah:TXAEA_Type"> <xs:annotation> <xs:documentation>Element: Aenderung einer Applikation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFO_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNummer
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNummer, txbase
Instance	<ah:TXSANFO xmlns:ah="http://vdv/ka/ah/2" xmlns:at="http://vdv/ka/ah/types/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <at:Organisation_ID.organisationsNummer>{1,1}</at:Organisation_ID.organisationsNummer> </ah:TXSANFO>
Source	<xs:element name="TXSANFO" type="ah:TXSANFO_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer eine Organisation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

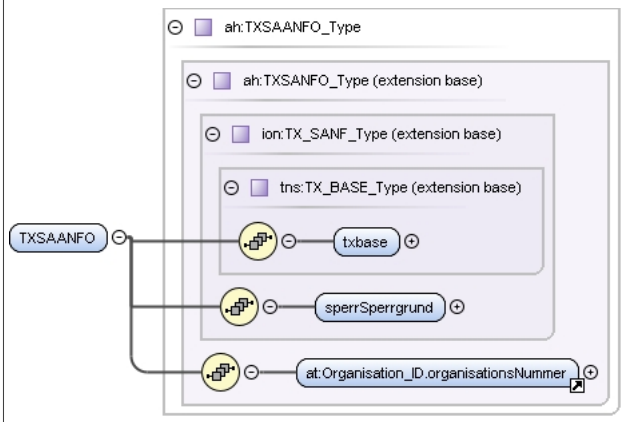
Diagram	
Type	ah:TXSANFS_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFS_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase

Instance	`<ah:TXSANFS xmlns:ah="http://vdv/ka/ah/2">`
	`<txbase>{1,1}</txbase>`
	`<sperrSperrgrund>{1,1}</sperrSperrgrund>`
	`<samSperrkandidat>{1,1}</samSperrkandidat>`
	`<samSequenznummer>{1,1}</samSequenznummer>`
	`</ah:TXSANFS>`

Source	`<xs:element name="TXSANFS" type="ah:TXSANFS_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Sperranforderung fuer eine SAM</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

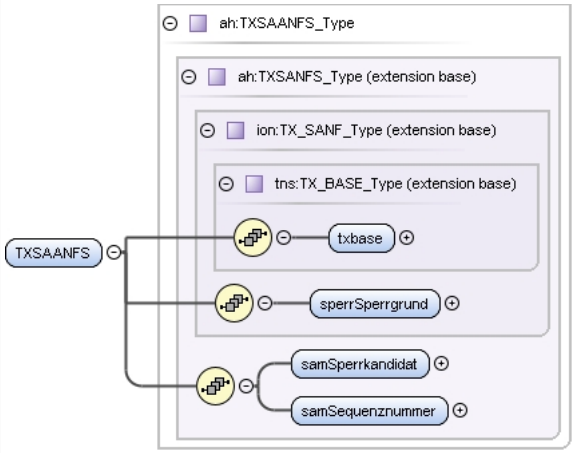
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXSAANFO

Namespace	http://vdv/ka/ah/2
Annotations	Element: Sperranforderung fuer eine Organisation
Diagram	
Type	ah:TXSAANFO_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFO_Type • ah:TXSAANFO_Type

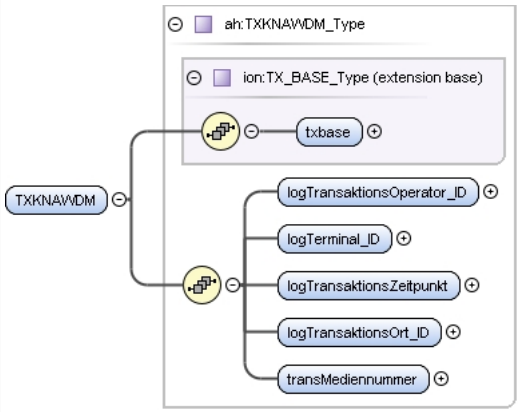
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNummer
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNummer, txbase
Instance	<ah:TXSAANFO xmlns:ah="http://vdv/ka/ah/2" xmlns:at="http://vdv/ka/ah/types/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <at:Organisation_ID.organisationsNummer>{1,1}</at:Organisation_ID.organisationsNummer> </ah:TXSAANFO>
Source	<xs:element name="TXSAANFO" type="ah:TXSAANFO_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer eine Organisation</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFS_Type • ah:TXSAANFS_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase
Instance	<ah:TXSAANFS xmlns:ah="http://vdv/ka/ah/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <samSperrkandidat>{1,1}</samSperrkandidat> <samSequenznummer>{1,1}</samSequenznummer> </ah:TXSAANFS>
Source	<xs:element name="TXSAANFS" type="ah:TXSAANFS_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer eine SAM</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXKNAWDM

Namespace	http://vdv/ka/ah/2

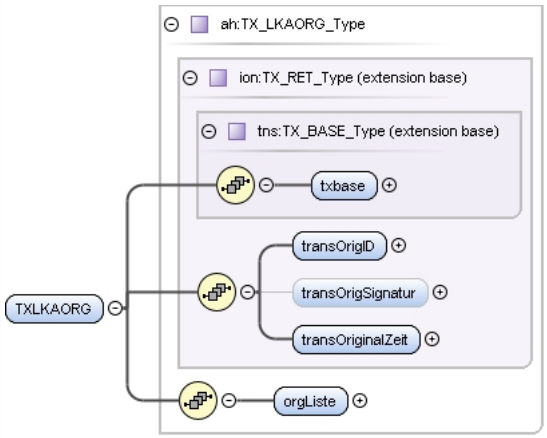
Annotations	`Element: Kontrollnachweis Defektes Medium`
Diagram	
Type	ah:TXKNAWDM_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXKNAWDM_Type
Properties	content: `complex`
Model	txbase , logTransaktionsOperator_ID , logTerminal_ID , logTransaktionsZeitpunkt , logTransaktionsOrt_ID , transMediennummer
Children	logTerminal_ID, logTransaktionsOperator_ID, logTransaktionsOrt_ID, logTransaktionsZeitpunkt, transMediennummer, txbase

Instance	`<ah:TXKNAWDM xmlns:ah="http://vdv/ka/ah/2">`
	`  <txbase>{1,1}</txbase>`
	`  <logTransaktionsOperator_ID>{1,1}</logTransaktionsOperator_ID>`
	`  <logTerminal_ID>{1,1}</logTerminal_ID>`
	`  <logTransaktionsZeitpunkt>{1,1}</logTransaktionsZeitpunkt>`
	`  <logTransaktionsOrt_ID>{1,1}</logTransaktionsOrt_ID>`
	`  <transMediennummer>{1,1}</transMediennummer>`
	`</ah:TXKNAWDM>`

Source	`<xs:element name="TXKNAWDM" type="ah:TXKNAWDM_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Element: Kontrollnachweis Defektes Medium</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

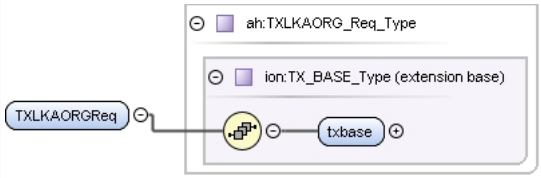
Element ah:TXLKAORG

Namespace	http://vdv/ka/ah/2
Annotations	`Element: Liste der Organisationen incl. deren zugeordneten Rollen`
Diagram	
Type	ah:TX_LKAORG_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_RET_Type
	  • ah:TX_LKAORG_Type

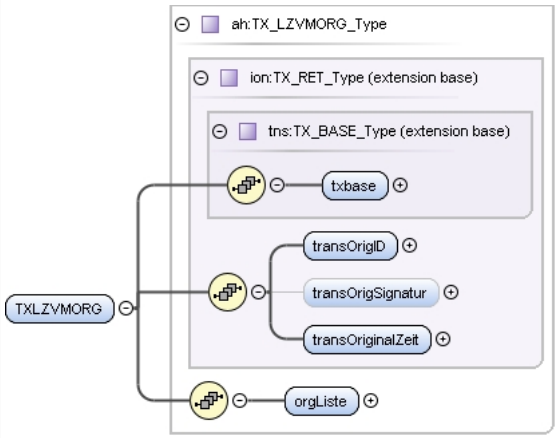
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<ah:TXLKAORG xmlns:ah="http://vdv/ka/ah/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> <orgListe>{1,1}</orgListe> </ah:TXLKAORG>
Source	<xs:element name="TXLKAORG" type="ah:TX_LKAORG_Type"> <xs:annotation> <xs:documentation>Element: Liste der Organisationen incl. deren zugeordneten Rollen</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • ah:TXLKAORG_Req_Type
Properties	content: complex
Model	txbase
Children	txbase
Instance	<ah:TXLKAORGReq xmlns:ah="http://vdv/ka/ah/2"> <txbase>{1,1}</txbase> </ah:TXLKAORGReq>
Source	<xs:element name="TXLKAORGReq" type="ah:TXLKAORG_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage: "Liste der Organisationen."</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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

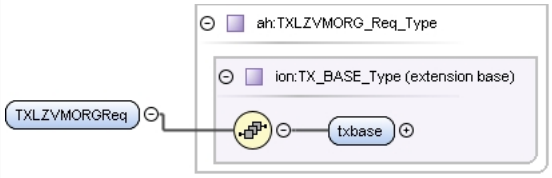
Diagram	
Type	ah:TX_LZVMORG_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • ah:TX_LZVMORG_Type
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase

Instance	`<ah:TXLZVMORG xmlns:ah="http://vdv/ka/ah/2">`
	`<txbase>{1,1}</txbase>`
	`<transOrigID>{1,1}</transOrigID>`
	`<transOrigSignatur>{0,1}</transOrigSignatur>`
	`<transOriginalZeit>{1,1}</transOriginalZeit>`
	`<orgListe>{1,1}</orgListe>`
	`</ah:TXLZVMORG>`

Source	`<xs:element name="TXLZVMORG" type="ah:TX_LZVMORG_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: Liste der Organisationen incl. deren zugeordneten Rollen, URLs zum Zielsystem und E-Mail Adressen der Ansprechpartner</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/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:TXLZVMORG_Req_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXLZVMORG_Req_Type
Properties	content: complex
Model	txbase
Children	txbase

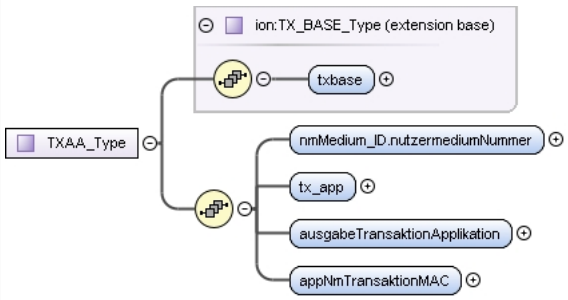
Instance	`<ah:TXLZVMORGReq xmlns:ah="http://vdv/ka/ah/2">`
	`<txbase>{1,1}</txbase>`
	`</ah:TXLZVMORGReq>`

Source	`<xs:element name="TXLZVMORGReq" type="ah:TXLZVMORG_Req_Type">` `<xs:annotation>`

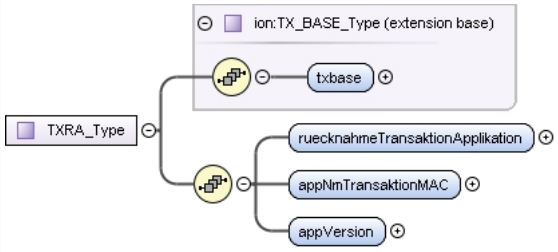
	<xs:documentation>Element: Dienstanfrage: "Liste der Organisationen."</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Complex Type(s)

Complex Type ah : TXAA_Type

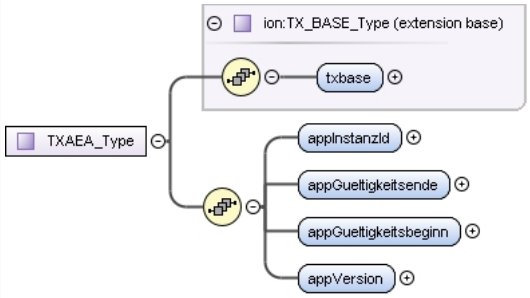
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Ausgabe einer Applikation
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXAA_Type
Used by	Element ah:TXAA
Model	txbase , nmMedium_ID.nutzermediumNummer , tx_app , ausgabeTransaktionApplikation , appNmTransaktionMAC
Children	appNmTransaktionMAC, ausgabeTransaktionApplikation, nmMedium_ID.nutzermediumNummer, tx_app, txbase
Source	<xs:complexType name="TXAA_Type"> <xs:annotation> <xs:documentation>Typ: Ausgabe einer Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="nmMedium_ID.nutzermediumNummer" type="ct:OctetString10"/> <xs:element name="tx_app" type="at:TX_APP_Type"/> <xs:element name="ausgabeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type

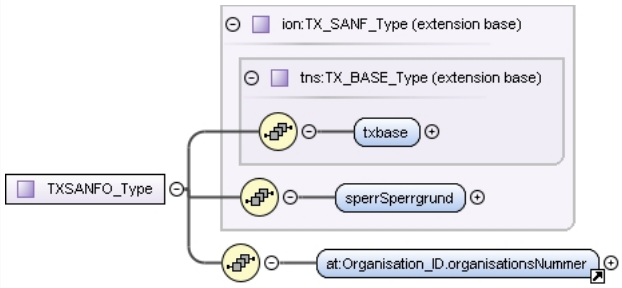
	• ah:TXRA_Type
Used by	Element ah:TXRA
Model	txbase , ruecknahmeTransaktionApplikation , appNmTransaktionMAC , appVersion
Children	appNmTransaktionMAC, appVersion, ruecknahmeTransaktionApplikation, txbase
Source	<xs:complexType name="TXRA_Type"> <xs:annotation> <xs:documentation>Typ: Ruecknahme einer Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="ruecknahmeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type"/> <xs:element name="appVersion" type="ct:BitString8"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• tns:TX_BASE_Type • ah:TXAEA_Type
Used by	Element ah:TXAEA
Model	txbase , appInstanzId , appGueltigkeitsende , appGueltigkeitsbeginn , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanzId, appVersion, txbase
Source	<xs:complexType name="TXAEA_Type"> <xs:annotation> <xs:documentation>Typ: Aenderung einer Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="appInstanzId" type="ion:NmApplikationInstanz_ID_Type"/> <xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact"/> <xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/> <xs:element name="appVersion" type="ct:BitString8"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Complex Type ah:TXSANFO_Type

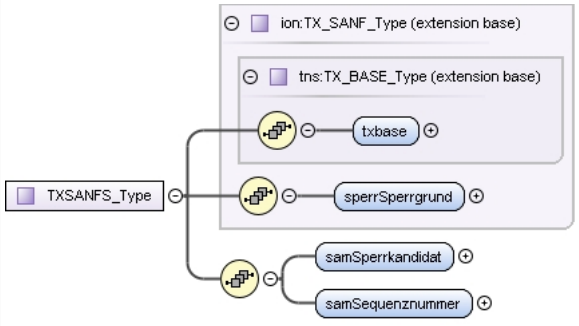
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperranforderung fuer eine Organisation

Diagram	
Type	extension of tns:TX_SANF_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFO_Type
Used by	Complex Type ah:TXSAANFO_Type Element ah:TXSANFO
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNummer
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNummer, txbase

Source	`<xs:complexType name="TXSANFO_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperranforderung fuer eine Organisation</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="ion:TX_SANF_Type">`
	`  <xs:sequence>`
	`  <xs:element ref="at:Organisation_ID.organisationsNummer"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

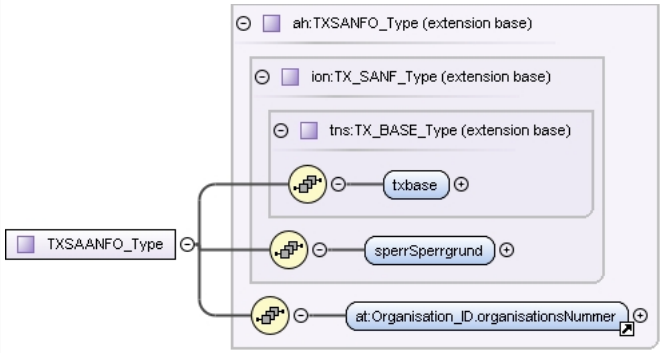
Complex Type ah:TXSANFS_Type

Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperranforderung fuer eine SAM
Diagram	
Type	extension of tns:TX_SANF_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFS_Type
Used by	Complex Type ah:TXSAANFS_Type Element ah:TXSANFS
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase
Source	`<xs:complexType name="TXSANFS_Type">` `  <xs:annotation>`

```
    <xs:documentation>Typ: Sperranforderung fuer eine SAM</xs:documentation>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="ion:TX_SANF_Type">
      <xs:sequence>
        <xs:element name="samSperrkandidat" type="ct:ReferenceNumberThree"/>
        <xs:element name="samSequenznummer" type="ct:SequenceNumberFour"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

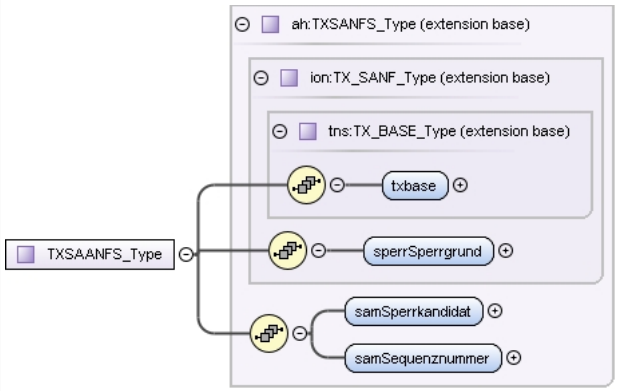
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

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	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFO_Type • ah:TXSAANFO_Type
Used by	Element ah:TXSAANFO
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNummer
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNummer, txbase
Source	<xs:complexType name="TXSAANFO_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer eine Organisation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ah:TXSANFO_Type"/> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Complex Type ah : TXSAANFS_Type

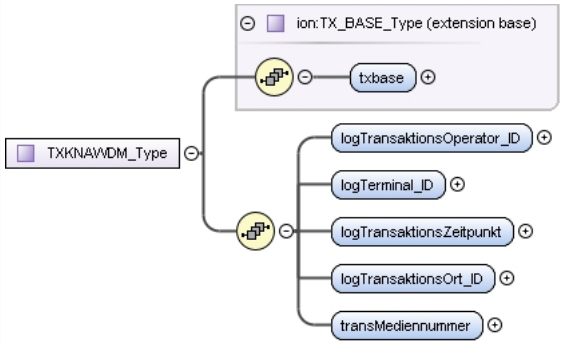
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperraufhebungsanforderung fuer eine SAM

Diagram	
Type	extension of ah:TXSANFS_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • ah:TXSANFS_Type • ah:TXSAANFS_Type
Used by	Element ah:TXSAANFS
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase

Source	`<xs:complexType name="TXSAANFS_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Sperraufhebungsanforderung fuer eine SAM</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexContent>`
	`  <xs:extension base="ah:TXSANFS_Type"/>`
	`  </xs:complexContent>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Complex Type ah:TXKNAWDM_Type

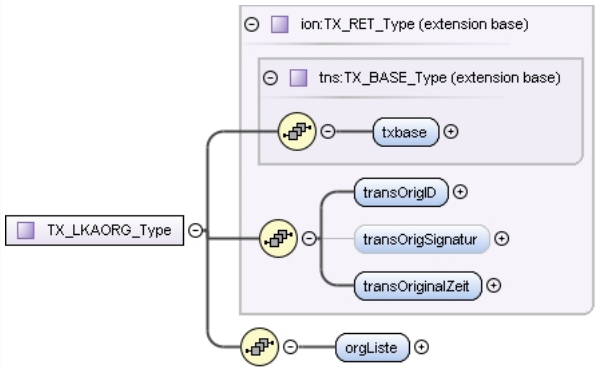
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Kontrollnachweis Defektes Medium
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXKNAWDM_Type
Used by	Element ah:TXKNAWDM
Model	txbase , logTransaktionsOperator_ID , logTerminal_ID , logTransaktionsZeitpunkt , logTransaktionsOrt_ID , transMediennummer
Children	logTerminal_ID, logTransaktionsOperator_ID, logTransaktionsOrt_ID, logTransaktionsZeitpunkt, transMediennummer, txbase

Source	`<xs:complexType name="TXKNAWDM_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Kontrollnachweis Defektes Medium</xs:documentation>`
	`  </xs:annotation>`

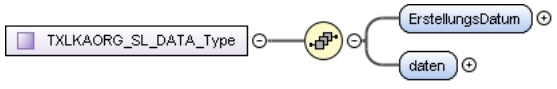
```
  <xs:complexContent>
    <xs:extension base="ion:TX_BASE_Type">
      <xs:sequence>
        <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>
        <xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/>
        <xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>
        <xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/>
        <xs:element name="transMediennummer" type="ct:OctetString10"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Complex Type ah : TX_LKAORG_Type

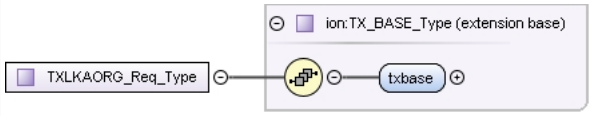
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Liste der Organisationen incl. deren zugeordneten Rollen
Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • ah:TX_LKAORG_Type
Used by	Element ah:TXLKAORG
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	<xs:complexType name="TX_LKAORG_Type"> <xs:annotation> <xs:documentation>Typ: Liste der Organisationen incl. deren zugeordneten Rollen</ xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_RET_Type"> <xs:sequence> <xs:element name="orgListe" type="ah:TXLKAORG_SL_DATA_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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

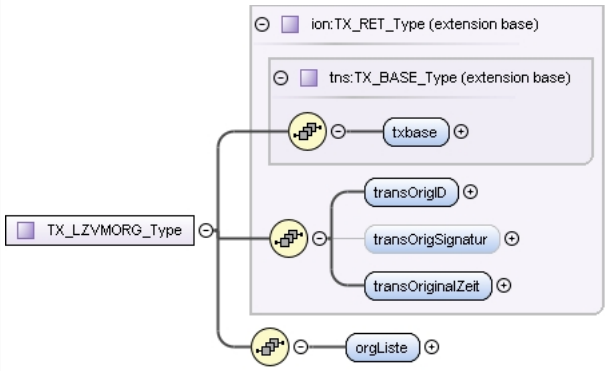
Model	ErstellungsDatum , daten
Children	ErstellungsDatum, daten
Source	<xs:complexType name="TXLKAORG_SL_DATA_Type"> <xs:annotation> <xs:documentation>Typ: Organisationsliste aller Organisationen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ErstellungsDatum" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Listenerstellung</xs:documentation> </xs:annotation> </xs:element> <xs:element name="daten" type="xs:base64Binary" xmime:expectedContentTypes="application/vnd.vdv.ah.txlkaorglist.sl.zip"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Complex Type ah : TXLKAORG_Req_Type

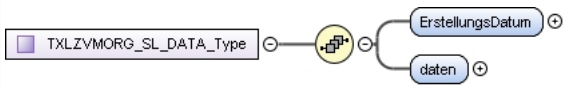
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Dienstanfrage: "Liste der Organisationen."
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXLKAORG_Req_Type
Used by	Element ah:TXLKAORGReq
Model	txbase
Children	txbase
Source	<xs:complexType name="TXLKAORG_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage: "Liste der Organisationen."</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"/> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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

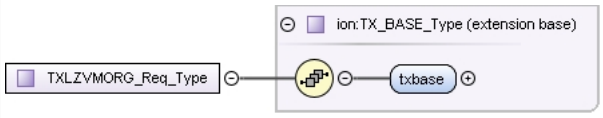
Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • ah:TX_LZVMORG_Type
Used by	Element ah:TXLZVMORG
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	<xs:complexType name="TX_LZVMORG_Type"> <xs:annotation> <xs:documentation>Typ: Liste der Organisationen incl. deren zugeordneten Rollen, URLs zum Zielsystem und E-Mail Adressen der Ansprechpartner</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_RET_Type"> <xs:sequence> <xs:element name="orgListe" type="ah:TXLZVMORG_SL_DATA_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="TXLZVMORG_SL_DATA_Type"> <xs:annotation> <xs:documentation>Typ: Organisationsliste aller Organisationen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ErstellungsDatum" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Listenerstellung</xs:documentation> </xs:annotation> </xs:element> <xs:element name="daten" type="xs:base64Binary" xmime:expectedContentTypes="application/vnd.vdv.ah.txlzvmorglist.zip"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element>

	</xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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: Dienstanfrage: "Liste der Organisationen."
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXLZVMORG_Req_Type
Used by	Element ah:TXLZVMORGReq
Model	txbase
Children	txbase
Source	<xs:complexType name="TXLZVMORG_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage: "Liste der Organisationen."</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"/> </xs:complexContent> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Namespace: "http://vdv/ka/ah/types/2"

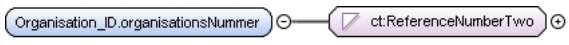
Schema(s)

Imported schema XML-Schema_AH_Types.xsd

Namespace	http://vdv/ka/ah/types/2
Properties	attribute form default: unqualified element form default: unqualified version: 1.13.0
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

Element(s)

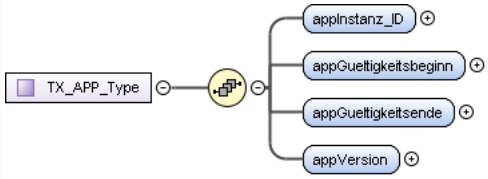
Element tns:Organisation_ID.organisationsNummer

Namespace	http://vdv/ka/ah/types/2
Annotations	Element: Organisation_ID.organisationsNummer
Diagram	
Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535

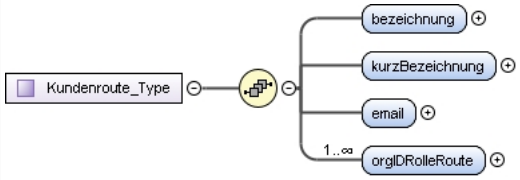
	minInclusive	0
Used by	Complex Types	ah:TXSAANFO_Type, ah:TXSANFO_Type
Source	<xs:element name="Organisation_ID.organisationsNummer" type="ct:ReferenceNumberTwo"> <xs:annotation> <xs:documentation>Element: Organisation_ID.organisationsNummer</xs:documentation> </xs:annotation> </xs:element>	
Schema location	file:/C:/tmp/KA-Interfaces/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`

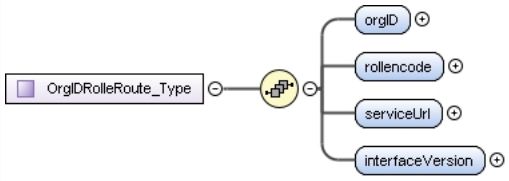
Namespace	http://vdv/ka/ah/types/2
Annotations	Typ: Basisdaten fuer Applikationstransaktionen
Diagram	
Used by	Element ah:TXAA_Type/tx_app
Model	appInstanz_ID , appGueltigkeitsbeginn , appGueltigkeitsende , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanz_ID, appVersion
Source	<xs:complexType name="TX_APP_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Applikationstransaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/> <xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/> <xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact"/> <xs:element name="appVersion" type="ct:BitString8"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:complexType name="Kundenroute_Type"> <xs:annotation> <xs:documentation>Typ: Kundenroute alle Informationen fuer eine Vermittlungsstelle, u.a. die im AHS der Org und Rolle zugewiesene URL und einen Ansprechpartner (E-Mail)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="bezeichnung" type="ion:PrintableString"/> <xs:element name="kurzBezeichnung" type="ion:PrintableString" nillable="true"/> <xs:element name="email" type="tns:Email_Type" nillable="true"/> <xs:element name="orgIDRolleRoute" type="tns:OrgIDRolleRoute_Type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence>

	`</xs:complexType>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

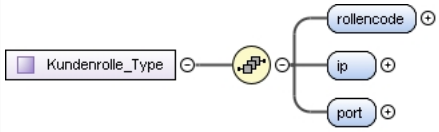
Complex Type `tns:OrgIDRolleRoute_Type`

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 tns:Kundenroute_Type/orgIDRolleRoute
Model	orgID , rollencode , serviceUrl , interfaceVersion
Children	interfaceVersion, orgID, rollencode, serviceUrl

Source	`<xs:complexType name="OrgIDRolleRoute_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: OrgIDRolleRoute beinhaltet die im AHS zu einem Kunde gespeicherte Service-Url zu einer OrgId und Rolle</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="orgID" type="ka:Organisation_ID"/>`
	`  <xs:element name="rollencode" type="ka:KommunikationsParterRolle"/>`
	`  <xs:element name="serviceUrl" type="xs:anyURI" nillable="true"/>`
	`  <xs:element name="interfaceVersion" type="ct:INT4" nillable="true"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

Complex Type `tns:Kundenrolle_Type`

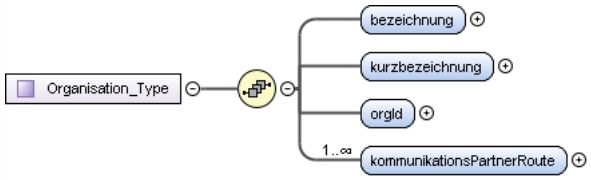
Namespace	http://vdv/ka/ah/types/2
Annotations	`Typ: Kundenrolle beinhaltet nur die im AHS zugewiesene Rolle. Die Attribute IP-Adresse und Port sind obsolete und beinhalten konstante Werte`
Diagram	
Used by	Element tns:Organisation_Type/kommunikationsPartnerRoute
Model	rollencode , ip , port
Children	ip, port, rollencode

Source	`<xs:complexType name="Kundenrolle_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Kundenrolle beinhaltet nur die im AHS zugewiesene Rolle. Die Attribute IP-Adresse und Port sind obsolete und beinhalten konstante Werte</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="rollencode" type="ka:KommunikationsParterRolle"/>`
	`  <xs:element name="ip" type="tns:IP_Format"/>`
	`  <xs:element name="port" type="tns:Port_Format"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

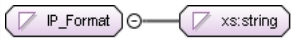
Complex Type `tns:Organisation_Type`

Namespace	http://vdv/ka/ah/types/2
Annotations	`Typ: Im AHS registrierte Organisation mit Bezeichnung, allen OrgIds und jeweiligen Rollen`

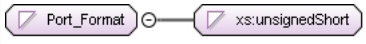
Diagram	
Model	bezeichnung , kurzbezeichnung , orgId , kommunikationsPartnerRoute+
Children	bezeichnung, kommunikationsPartnerRoute, kurzbezeichnung, orgId
Source	<xs:complexType name="Organisation_Type"> <xs:annotation> <xs:documentation>Typ: Im AHS registrierte Organisation mit Bezeichnung, allen OrgIds und jeweiligen Rollen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="bezeichnung" type="xs:string"/> <xs:element name="kurzbezeichnung" type="xs:string" nillable="true"/> <xs:element name="orgId" type="ct:ReferenceNumberTwo"/> <xs:element name="kommunikationsPartnerRoute" type="tns:Kundenrolle_Type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

Simple Type(s)

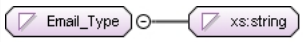
Simple Type `tns:IP_Format`

Namespace	http://vdv/ka/ah/types/2	
Diagram		
Type	restriction of xs:string	
Facets	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])
Used by	Element	tns:Kundenrolle_Type/ip
Source	<xs:simpleType name="IP_Format"> <xs:restriction base="xs:string"> <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])"/> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

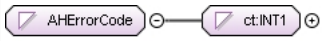
Simple Type `tns:Port_Format`

Namespace	http://vdv/ka/ah/types/2	
Diagram		
Type	restriction of xs:unsignedShort	
Facets	maxInclusive	65535
	minInclusive	0
Used by	Element	tns:Kundenrolle_Type/port
Source	<xs:simpleType name="Port_Format"> <xs:restriction base="xs:unsignedShort"> <xs:minInclusive value="0"/> <xs:maxInclusive value="65535"/> </xs:restriction> </xs:simpleType>	
Schema location	file:/C:/tmp/KA-Interfaces/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	pattern \w+([-+.']\w+)*@\w +([-.]\w+)*\.\w+([-.]\w +)*
Used by	Element tns:Kundenroute_Type/email
Source	<xs:simpleType name="Email_Type"> <xs:restriction base="xs:string"> <xs:pattern value="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*"/> </xs:restriction> </xs:simpleType>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:AHErrorCode

Facets

maxInclusive	255	
minInclusive	0	
enumeration	100	Empfaengerrolle ist unbekannt
enumeration	101	Empfaengerrolle ist ungleich AH
enumeration	102	Senderrolle ist umbekannt
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 Empfaengers ist AH unbekannt
enumeration	107	Organisations-ID von Sender und Empfaenger 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 symetrischen Schluessels ist AH unbekannt
enumeration	117	Sperrkandidat Inhaber des asymetrischen 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	Gueltigkeit 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

```
<xs:simpleType name="AHErrorCode">
  <xs:annotation>
    <xs:documentation>Vom AH verwendete Fehlercodes.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="ct:INT1">
    <!-- Allgemeine Pruefungen-->
    <xs:enumeration value="100">
      <xs:annotation>
        <xs:documentation>Empfaengerrolle ist unbekannt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="101">
      <xs:annotation>
        <xs:documentation>Empfaengerrolle ist ungleich AH</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="102">
      <xs:annotation>
        <xs:documentation>Senderrolle ist umbekannt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="103">
      <xs:annotation>
        <xs:documentation>Senderrolle ist für diese Operation nicht berechtigt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="104">
      <xs:annotation>
        <xs:documentation>Organisations-ID des Senders ist im AH unbekannt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="105">
      <xs:annotation>
        <xs:documentation>Die Organisation des Senders ist im AH gesperrt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="106">
      <xs:annotation>
        <xs:documentation>Organisations-ID des Empfaengers ist AH unbekannt</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="107">
      <xs:annotation>
        <xs:documentation>Organisations-ID von Sender und Empfaenger aus unterschiedlichen OrgID
 Bereichen/Level</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="108">
      <xs:annotation>
```

```
        <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 symetrischen Schluessels ist AH unbekannt</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="117">
      <xs:annotation>
        <xs:documentation>Sperrkandidat Inhaber des asymetrischen 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>
```

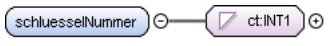
```
        <xs:documentation>Keine Sperraufhebungsanforderung fuer Sperraufhebungsmitteilung gefunden</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="127">
      <xs:annotation>
        <xs:documentation>Aenderung Applikation: Applikation ist dem AH nicht 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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

Namespace: ""

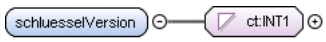
Element(s)

Element `tns:SymSchluessel_ID_Type / schluesselNummer`

Namespace	No namespace	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255

	minInclusive	0
Source	<xs:element name="schluesselNummer" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

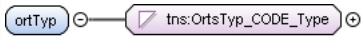
Element tns:SymSchluessel_ID_Type / schluesselVersion

Namespace	No namespace	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="schluesselVersion" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo	
Properties	content:	simple
Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="schluesselInhaber_ID" type="ct:ReferenceNumberTwo"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

Element tns:Ort_ID_Type / ortTyp

Namespace	No namespace	
Diagram		
Type	tns:OrtsTyp_CODE_Type	
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:OrtsTyp_CODE_Type	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

Element tns:Ort_ID_Type / ortNummer

Namespace	No namespace

Diagram	
Type	tns:ReferenceNumberThree
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	`<xs:element name="ortNummer" type="ct:ReferenceNumberThree"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="ortDomaene_ID" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	`<xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="kvp_ID" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	`<xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="kvp_ID" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:EFMProdukt_ID_Type / produktNummer

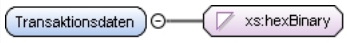
Namespace	No namespace
Diagram	

Type	tns:ReferenceNumberTwo
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="produktNummer" type="ct:ReferenceNumberTwo" minOccurs="0" maxOccurs="1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:EFMProdukt_ID_Type / organisationID

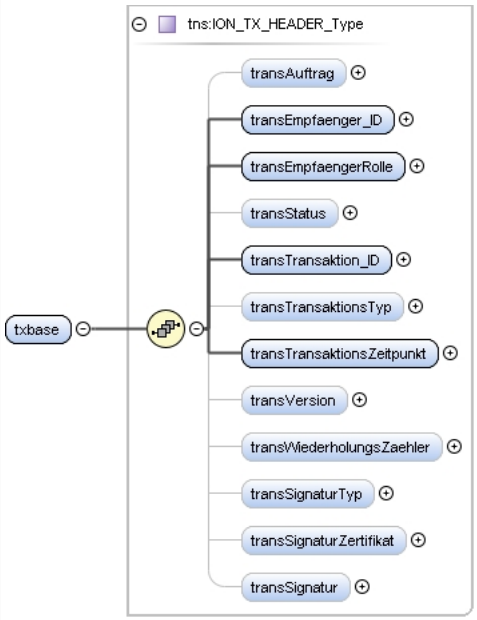
Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="organisationID" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:Transaktionsdatensatz_Type / Transaktionsdaten

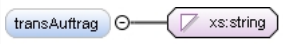
Namespace	No namespace
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	`<xs:element name="Transaktionsdaten" type="xs:hexBinary"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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	<txbase> <transAuftrag>{0,1}</transAuftrag> <transEmpfaenger_ID>{1,1}</transEmpfaenger_ID> <transEmpfaengerRolle>{1,1}</transEmpfaengerRolle> <transStatus>{0,1}</transStatus> <transTransaktion_ID>{1,1}</transTransaktion_ID> <transTransaktionsTyp>{0,1}</transTransaktionsTyp> <transTransaktionsZeitpunkt>{1,1}</transTransaktionsZeitpunkt> <transVersion>{0,1}</transVersion> <transWiederholungsZaehler>{0,1}</transWiederholungsZaehler> <transSignaturTyp>{0,1}</transSignaturTyp> <transSignaturZertifikat>{0,1}</transSignaturZertifikat> <transSignatur>{0,1}</transSignatur> </txbase>
Source	<xs:element name="txbase" type="tns:ION_TX_HEADER_Type"> <xs:annotation> <xs:documentation>Fachliche Daten ueber die in der Transaktion involvierten Systeme</ xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

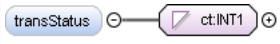
Element tns:ION_TX_HEADER_Type / transEmpfaenger_ID

Namespace	No namespace
Annotations	Eindeutige OrganisationsId des Nachrichtenempfaengers
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="transEmpfaenger_ID" type="ka:Organisation_ID"> <xs:annotation> <xs:documentation>Eindeutige OrganisationsId des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:ION_TX_HEADER_Type / transEmpfaengerRolle

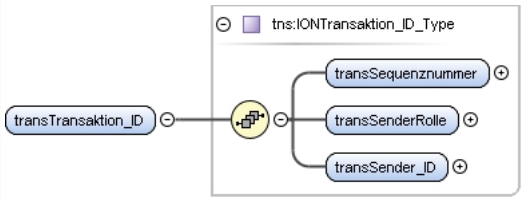
Namespace	No namespace	
Annotations	Rolle des Nachrichtenempfaengers	
Diagram		
Type	tns:KommunikationsParterRolle	
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle	
Properties	content: simple	
Facets	maxInclusive 255	
	minInclusive 0	
	enumeration 0	Unbekannt
	enumeration 1	KVP
	enumeration 2	DL
	enumeration 3	PV
	enumeration 4	AH
	enumeration 5	KOSES
	enumeration 254	ZVM
Source	<xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"> <xs:annotation> <xs:documentation>Rolle des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element>	
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	`<transTransaktion_ID>`
	`  <transSequenznummer>{1,1}</transSequenznummer>`
	`  <transSenderRolle>{1,1}</transSenderRolle>`
	`  <transSender_ID>{1,1}</transSender_ID>`
	`</transTransaktion_ID>`

Source	`<xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	tns:SequenceNumberFour

Type hierarchy	• xs:unsignedInt
	  • tns:INT4
	  • tns:SequenceNumberFour

Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	`<xs:element name="transSequenznummer" type="ct:SequenceNumberFour"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:IONTransaktion_ID_Type / transSenderRolle

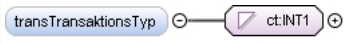
Namespace	No namespace
Diagram	
Type	tns:KommunikationsParterRolle

Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle		
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd		

Element tns:IONTransaktion_ID_Type / transSender_ID

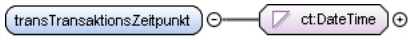
Namespace	No namespace		
Diagram			
Type	tns:Organisation_ID		
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID		
Properties	content:	simple	
Facets	maxInclusive	65535	
	minInclusive	0	
Source	<xs:element name="transSender_ID" type="ka:Organisation_ID"/>		
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd		

Element tns:ION_TX_HEADER_Type / transTransaktionsTyp

Namespace	No namespace		
Diagram			
Type	tns:INT1		
Properties	content:	simple	
	minOccurs:	0	
	maxOccurs:	1	
Facets	maxInclusive	255	
	minInclusive	0	
Source	<xs:element name="transTransaktionsTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/>		
Schema location	file:/C:/tmp/KA-Interfaces/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 gemaess den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.
Diagram	
Type	tns:DateTime
Properties	content: simple
Source	<xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

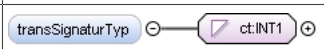
Element tns:ION_TX_HEADER_Type / transVersion

Namespace	No namespace
Diagram	
Type	tns:BitString16
Properties	content: simple minOccurs: 0 maxOccurs: 1
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][0-1][0-1][0-1][0-1][0-1][0-1][0-1]
Source	<xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/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
Diagram	
Type	tns:INT1
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	content: simple

	minOccurs:	0
	maxOccurs:	1
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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	content:	simple
	minOccurs:	0
	maxOccurs:	1
Facets	length	378
Source	<xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="378" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element>	
Schema location	file:/C:/tmp/KA-Interfaces/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	content:	simple
	minOccurs:	0
	maxOccurs:	1
Facets	length	128
Source	<xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

Element tns:berNmTransaktionMAC_Type / berMAC_PV

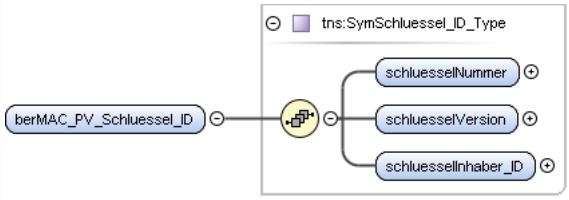
Namespace	No namespace	
Diagram		
Type	tns:OctetString8	
Properties	content:	simple
Facets	length	8
Source	<xs:element name="berMAC_PV" type="ct:OctetString8"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

Element tns:berNmTransaktionMAC_Type / berMAC_KVP

Namespace	No namespace

Diagram	
Type	tns:OctetString8
Properties	content: simple
Facets	length 8
Source	`<xs:element name="berMAC_KVP" type="ct:OctetString8"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

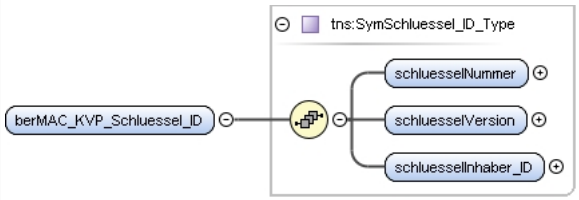
Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schluessel_ID

Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion

Instance	`<berMAC_PV_Schluessel_ID>`
	`  <schluesselNummer>{1,1}</schluesselNummer>`
	`  <schluesselVersion>{1,1}</schluesselVersion>`
	`  <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</berMAC_PV_Schluessel_ID>`

Source	`<xs:element name="berMAC_PV_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion

Instance	`<berMAC_KVP_Schluessel_ID>`
	`  <schluesselNummer>{1,1}</schluesselNummer>`
	`  <schluesselVersion>{1,1}</schluesselVersion>`
	`  <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</berMAC_KVP_Schluessel_ID>`

Source	`<xs:element name="berMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:TerminalTyp_CODE_Type
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="terminalNummer" type="ct:ReferenceNumberTwo"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="terminalOwner_ID" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	`<xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

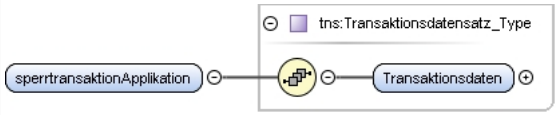
Element tns:TXSNAWA_Req_Type / zyklusNummer

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	• xs:unsignedInt • tns:INT4 • tns:SperrlistenZyklusNummer_Type
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0

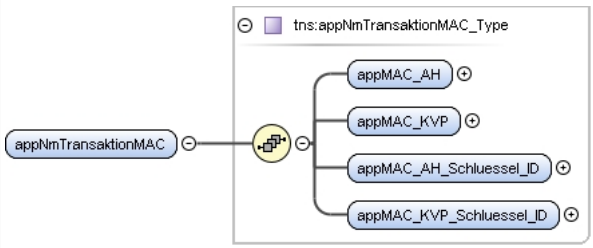
Source	`<xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type">`
	`<xs:annotation>`
	`<xs:documentation>Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste 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.</xs:documentation>`

	</xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSNAWA_Req_Type / sperrtransaktionApplikation

Namespace	No namespace
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<sperrtransaktionApplikation> <Transaktionsdaten>{1,1}</Transaktionsdaten> </sperrtransaktionApplikation>
Source	<xs:element name="sperrtransaktionApplikation" type="tns:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSNAWA_Req_Type / appNmTransaktionMAC

Namespace	No namespace
Diagram	
Type	tns:appNmTransaktionMAC_Type
Properties	content: complex
Model	appMAC_AH , appMAC_KVP , appMAC_AH_Schluessel_ID , appMAC_KVP_Schluessel_ID
Children	appMAC_AH, appMAC_AH_Schluessel_ID, appMAC_KVP, appMAC_KVP_Schluessel_ID
Instance	<appNmTransaktionMAC> <appMAC_AH>{1,1}</appMAC_AH> <appMAC_KVP>{1,1}</appMAC_KVP> <appMAC_AH_Schluessel_ID>{1,1}</appMAC_AH_Schluessel_ID> <appMAC_KVP_Schluessel_ID>{1,1}</appMAC_KVP_Schluessel_ID> </appNmTransaktionMAC>
Source	<xs:element name="appNmTransaktionMAC" type="tns:appNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:appNmTransaktionMAC_Type / appMAC_AH

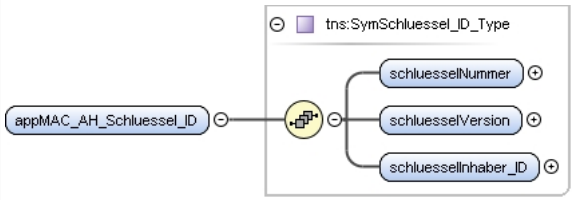
Namespace	No namespace
Diagram	
Type	tns:OctetString8
Properties	content: simple
Facets	length 8
Source	<xs:element name="appMAC_AH" type="ct:OctetString8"/>

Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="appMAC_KVP" type="ct:OctetString8"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

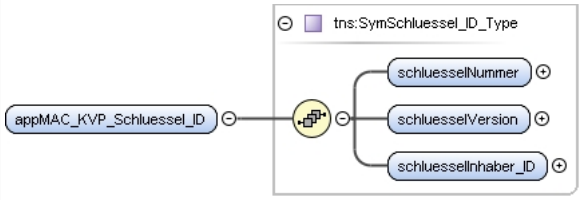
Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID

Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion

Instance	`<appMAC_AH_Schluessel_ID>`
	`  <schluesselNummer>{1,1}</schluesselNummer>`
	`  <schluesselVersion>{1,1}</schluesselVersion>`
	`  <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</appMAC_AH_Schluessel_ID>`

Source	`<xs:element name="appMAC_AH_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	`<appMAC_KVP_Schluessel_ID>`
	`  <schluesselNummer>{1,1}</schluesselNummer>`
	`  <schluesselVersion>{1,1}</schluesselVersion>`
	`  <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</appMAC_KVP_Schluessel_ID>`

Source	`<xs:element name="appMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/>`

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	`<xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSNAWB_Req_Type / orgSperrkandidat

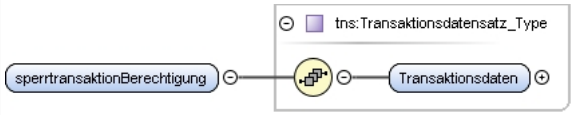
Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSNAWB_Req_Type / zyklusNummer

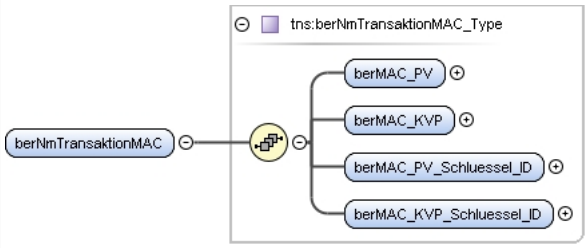
Namespace	No namespace
Annotations	Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, 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	• xs:unsignedInt • tns:INT4 • tns:SperrlistenZyklusNummer_Type
Properties	content: simple

Facets	maxInclusive	4294967295
	minInclusive	0
Source	<xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element>	
Schema location	file:/C:/tmp/KA-Interfaces/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	<sperrtransaktionBerechtigung> <Transaktionsdaten>{1,1}</Transaktionsdaten> </sperrtransaktionBerechtigung>
Source	<xs:element name="sperrtransaktionBerechtigung" type="tns:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSNAWB_Req_Type / berNmTransaktionMAC

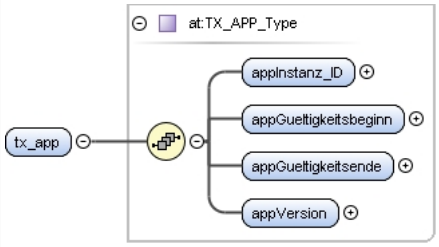
Namespace	No namespace
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<berNmTransaktionMAC> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID> <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID> </berNmTransaktionMAC>
Source	<xs:element name="berNmTransaktionMAC" type="tns:berNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	`<xs:element name="nmMedium_ID.nutzermediumNummer" type="ct:OctetString10"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

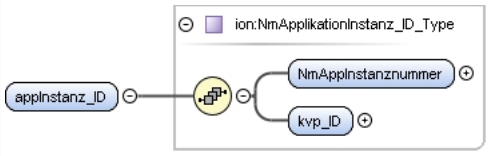
Element ah:TXAA_Type / tx_app

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	`<tx_app>`
	`  <appInstanz_ID>{1,1}</appInstanz_ID>`
	`  <appGueltigkeitsbeginn>{1,1}</appGueltigkeitsbeginn>`
	`  <appGueltigkeitsende>{1,1}</appGueltigkeitsende>`
	`  <appVersion>{1,1}</appVersion>`
	`</tx_app>`

Source	`<xs:element name="tx_app" type="at:TX_APP_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID

Instance	`<appInstanz_ID>`
	`  <NmAppInstanznummer>{1,1}</NmAppInstanznummer>`
	`  <kvp_ID>{1,1}</kvp_ID>`
	`</appInstanz_ID>`

Source	`<xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

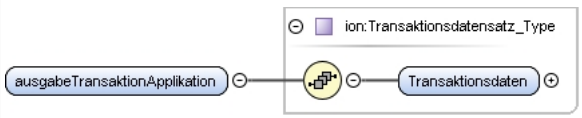
Element tns:TX_APP_Type / appGueltigkeitsende

Namespace	No namespace
Diagram	
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:/tmp/KA-Interfaces/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	
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	`<xs:element name="appVersion" type="ct:BitString8"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

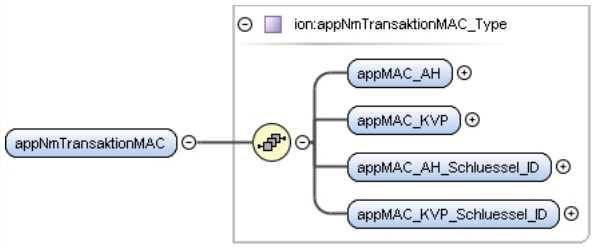
Element ah:TXAA_Type / ausgabeTransaktionApplikation

Namespace	No namespace
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten

Instance	`<ausgabeTransaktionApplikation>`
	`  <Transaktionsdaten>{1,1}</Transaktionsdaten>`
	`</ausgabeTransaktionApplikation>`

Source	`<xs:element name="ausgabeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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_Schluessel_ID , appMAC_KVP_Schluessel_ID
Children	appMAC_AH, appMAC_AH_Schluessel_ID, appMAC_KVP, appMAC_KVP_Schluessel_ID
Instance	<appNmTransaktionMAC> <appMAC_AH>{1,1}</appMAC_AH> <appMAC_KVP>{1,1}</appMAC_KVP> <appMAC_AH_Schluessel_ID>{1,1}</appMAC_AH_Schluessel_ID> <appMAC_KVP_Schluessel_ID>{1,1}</appMAC_KVP_Schluessel_ID> </appNmTransaktionMAC>
Source	<xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element tns:TX_BER_Type / berGueltigkeitsbeginn

Namespace	No namespace
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TX_BER_Type / berGueltigkeitsende

Namespace	No namespace
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:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:Abrechnungsverfahren_CODE_Type		
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd		

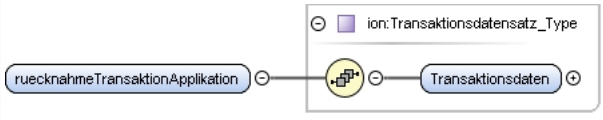
Element tns:TX_BER_Type / berBezahlArt

Namespace	No namespace
Diagram	
Type	tns:Bezahlart_CODE_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:Bezahlart_CODE_Type
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TX_BER_Type / berBezahlMittel

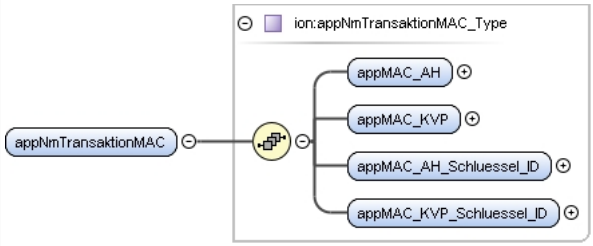
Namespace	No namespace
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<xs:element name="berBezahlMittel" type="ct:OctetString10"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element ah:TXRA_Type / ruecknahmeTransaktionApplikation

Namespace	No namespace
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten

Children	Transaktionsdaten
Instance	<ruecknahmeTransaktionApplikation> <Transaktionsdaten>{1,1}</Transaktionsdaten> </ruecknahmeTransaktionApplikation>
Source	<xs:element name="ruecknahmeTransaktionApplikation" type="ion:Transaktionsdatensatz_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

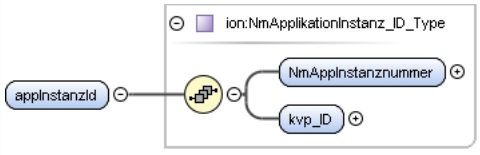
Element ah:TXRA_Type / appNmTransaktionMAC

Namespace	No namespace
Diagram	
Type	tns:appNmTransaktionMAC_Type
Properties	content: complex
Model	appMAC_AH , appMAC_KVP , appMAC_AH_Schluessel_ID , appMAC_KVP_Schluessel_ID
Children	appMAC_AH, appMAC_AH_Schluessel_ID, appMAC_KVP, appMAC_KVP_Schluessel_ID
Instance	<appNmTransaktionMAC> <appMAC_AH>{1,1}</appMAC_AH> <appMAC_KVP>{1,1}</appMAC_KVP> <appMAC_AH_Schluessel_ID>{1,1}</appMAC_AH_Schluessel_ID> <appMAC_KVP_Schluessel_ID>{1,1}</appMAC_KVP_Schluessel_ID> </appNmTransaktionMAC>
Source	<xs:element name="appNmTransaktionMAC" type="ion:appNmTransaktionMAC_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="appVersion" type="ct:BitString8"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<appInstanzId> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </appInstanzId>
Source	<xs:element name="appInstanzId" type="ion:NmApplikationInstanz_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="appGueltigkeitsende" type="ct:DateTimeCompact"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00
Source	<xs:element name="appGueltigkeitsbeginn" type="ct:DateTimeCompact"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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	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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd	

Element tns:VX_Message_Type / StatusCode

Namespace	No namespace
Diagram	
Type	tns:StatusCode

Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:StatusCode		
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd		

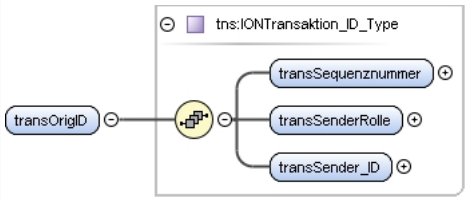
Element tns:VX_Message_Type / StatusText

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

Element tns:ASymSchluessel_ID_Type / signaturSchluessel

Namespace	No namespace
Diagram	
Type	tns:OctetString12
Properties	content: simple
Facets	length 12
Source	<xs:element name="signaturSchluessel" type="ct:OctetString12"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

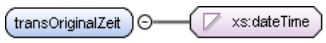
Element tns:TX_RET_Type / transOrigID

Namespace	No namespace
Diagram	
Type	tns:IONTransaktion_ID_Type
Properties	content: complex
Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Instance	<transOrigID> <transSequenznummer>{1,1}</transSequenznummer> <transSenderRolle>{1,1}</transSenderRolle> <transSender_ID>{1,1}</transSender_ID> </transOrigID>
Source	<xs:element name="transOrigID" type="tns:IONTransaktion_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

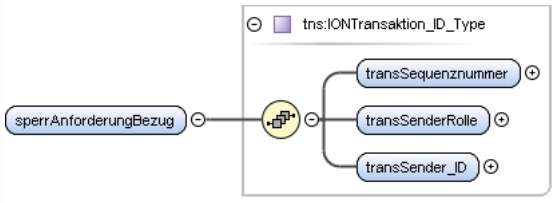
Element tns:TX_RET_Type / transOrigSignatur

Namespace	No namespace
Diagram	
Type	tns:TransSignatur_Type
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	length 128
Source	<xs:element name="transOrigSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="transOriginalZeit" type="xs:dateTime"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TX_SMIT_Type / sperrAnforderungBezug

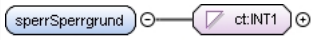
Namespace	No namespace
Diagram	

Type	tns:IONTransaktion_ID_Type
Properties	content: complex
Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Instance	<sperrAnforderungBezug> <transSequenznummer>{1,1}</transSequenznummer> <transSenderRolle>{1,1}</transSenderRolle> <transSender_ID>{1,1}</transSender_ID> </sperrAnforderungBezug>
Source	<xs:element name="sperrAnforderungBezug" type="tns:IONTransaktion_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TX_SMIT_Type / sperrEntscheidung

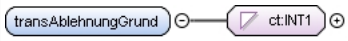
Namespace	No namespace
Diagram	
Type	tns:Mitteilung_CODE_Type
Properties	content: simple
Facets	enumeration 1 enumeration 2 enumeration 3 enumeration 4
Source	<xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TX_SANF_Type / sperrSperrgrund

Namespace	No namespace
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="sperrSperrgrund" type="ct:INT1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXA_Type / transAblehnungGrund

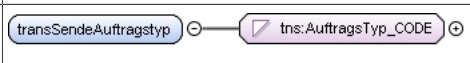
Namespace	No namespace
Annotations	WICHTIG: Aus Historischen Gruenden ist TXA_Type ein allgemeiner Typ, der von allen teilnehmenden Systemen genutzt wird. Das fuehrt dazu, dass sich alle Systeme dieselben 'transAblehnungGrund' Fehlercodes teilen. Dies ist suboptimal, da, wann immer sich einer der 'transAblehnungGrund' 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.
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="transAblehnungGrund" type="ct:INT1"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXAS_Type / transSendeAuftrag

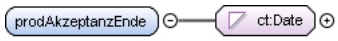
Namespace	No namespace
Diagram	
Type	restriction of tns:PrintableString
Type hierarchy	• xs:string • tns:PrintableString
Properties	content: simple
Facets	minLength 0 maxLength 10 pattern [-þ]*
Source	<xs:element name="transSendeAuftrag"> <xs:simpleType> <xs:restriction base="tns:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXAS_Type / transSendeAuftragstyp

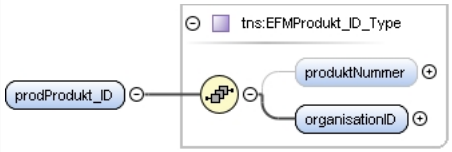
Namespace	No namespace
Diagram	
Type	tns:AuftragsTyp_CODE
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:AuftragsTyp_CODE
Properties	content: simple

Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd	

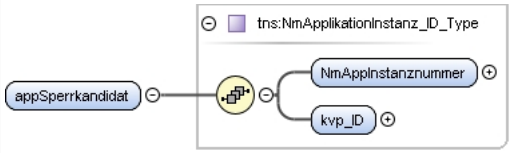
Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde

Namespace	No namespace
Diagram	
Type	tns:Date
Properties	content: simple
Source	<xs:element name="prodAkzeptanzEnde" type="ct:Date"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

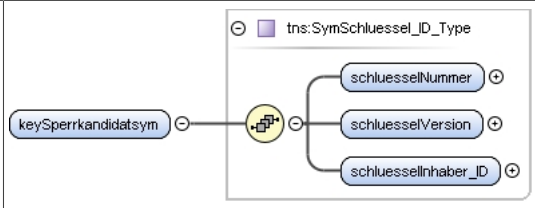
Element tns:TXDEABER_Req_Type / prodProdukt_ID

Namespace	No namespace
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer
Instance	<prodProdukt_ID> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </prodProdukt_ID>
Source	<xs:element name="prodProdukt_ID" type="tns:EFMProdukt_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

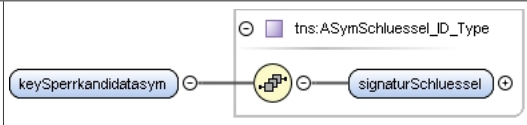
Element tns:TXSMITA_Type / appSperrkandidat

Namespace	No namespace
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex nillable: false
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID
Instance	<appSperrkandidat> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </appSperrkandidat>
Source	<xs:element name="appSperrkandidat" type="tns:NmApplikationInstanz_ID_Type" nillable="false"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

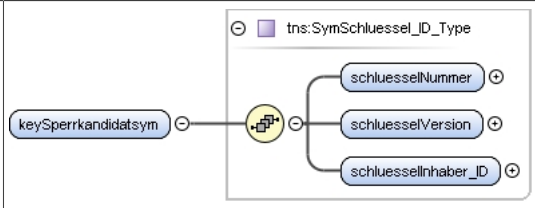
Element tns:TXSANFSYMK_Type / keySperrkandidatsym

Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym>
Source	<xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSANFASYMK_Type / keySperrkandidatasym

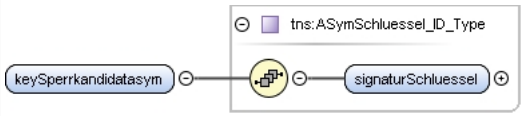
Namespace	No namespace
Diagram	
Type	tns:ASymSchluessel_ID_Type
Properties	content: complex
Model	signaturSchluessel
Children	signaturSchluessel
Instance	<keySperrkandidatasym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasym>
Source	<xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSFREIMITSYMK_Type / keySperrkandidatsym

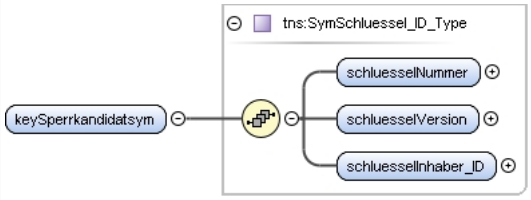
Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion>

	<schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym>
Source	<xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

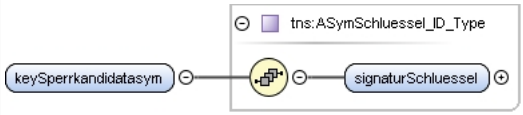
Element tns:TXSFREIMITASYMK_Type / keySperrkandidatasym

Namespace	No namespace
Diagram	
Type	tns:ASymSchluessel_ID_Type
Properties	content: complex
Model	signaturSchluessel
Children	signaturSchluessel
Instance	<keySperrkandidatasym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasym>
Source	<xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym>
Source	<xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:TXSMITASYMK_Type / keySperrkandidatasym

Namespace	No namespace
Diagram	
Type	tns:ASymSchluessel_ID_Type
Properties	content: complex
Model	signaturSchluessel
Children	signaturSchluessel

Instance	<keySperrkandidatasym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasym>
Source	<xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element ah:TXSANFS_Type / samSperrkandidat

Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberThree

Type hierarchy	• xs:unsignedInt
	  • tns:INT3
	  • tns:ReferenceNumberThree

Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	<xs:element name="samSperrkandidat" type="ct:ReferenceNumberThree"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

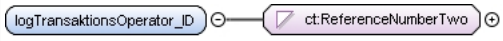
Element ah:TXSANFS_Type / samSequenznummer

Namespace	No namespace
Diagram	
Type	tns:SequenceNumberFour

Type hierarchy	• xs:unsignedInt
	  • tns:INT4
	  • tns:SequenceNumberFour

Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="samSequenznummer" type="ct:SequenceNumberFour"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXKNAWDM_Type / logTransaktionsOperator_ID

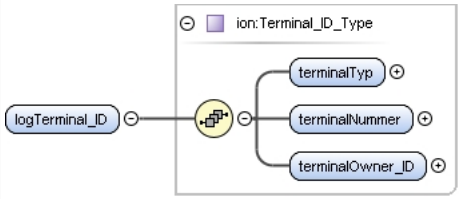
Namespace	No namespace
Diagram	
Type	tns:ReferenceNumberTwo

Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo

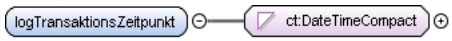
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

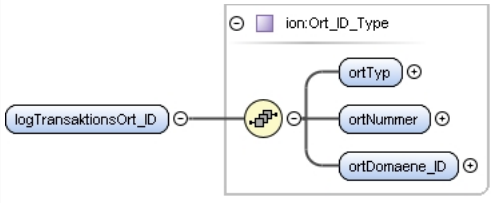
Element ah:TXKNAWDM_Type / logTerminal_ID

Namespace	No namespace
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<logTerminal_ID> <terminalTyp>{1,1}</terminalTyp> <terminalNummer>{1,1}</terminalNummer> <terminalOwner_ID>{1,1}</terminalOwner_ID> </logTerminal_ID>
Source	<xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXKNAWDM_Type / logTransaktionsZeitpunkt

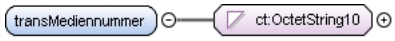
Namespace	No namespace
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXKNAWDM_Type / logTransaktionsOrt_ID

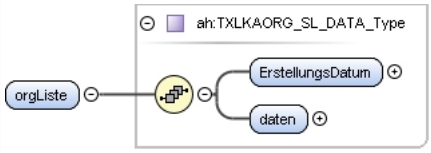
Namespace	No namespace
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<logTransaktionsOrt_ID> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </logTransaktionsOrt_ID>

Source	<xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

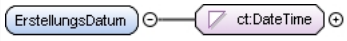
Element ah:TXKNAWDM_Type / transMediennummer

Namespace	No namespace
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<xs:element name="transMediennummer" type="ct:OctetString10"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<orgListe> <ErstellungsDatum>{1,1}</ErstellungsDatum> <daten>{1,1}</daten> </orgListe>
Source	<xs:element name="orgListe" type="ah:TXLKAORG_SL_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXLKAORG_SL_DATA_Type / ErstellungsDatum

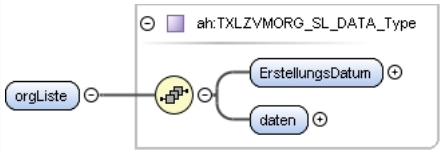
Namespace	No namespace
Annotations	Zeitpunkt der Listenerstellung
Diagram	
Type	tns:DateTime
Properties	content: simple
Source	<xs:element name="ErstellungsDatum" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Listenerstellung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXLKAORG_SL_DATA_Type / daten

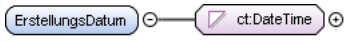
Namespace	No namespace
Annotations	Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema http://vdv/ka/ah/attachments

	durch das Element "TXLKAORGLIST_Resp_SL" definiert.
Diagram	
Type	xs:base64Binary
Properties	content: simple
Source	<xs:element name="daten" type="xs:base64Binary" xmime:expectedContentTypes="application/vnd.vdv.ah.txlkaorglist.sl.zip"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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	<orgListe> <ErstellungsDatum>{1,1}</ErstellungsDatum> <daten>{1,1}</daten> </orgListe>
Source	<xs:element name="orgListe" type="ah:TXLZVMORG_SL_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<xs:element name="ErstellungsDatum" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Listenerstellung</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/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 http://vdv/ka/ah/attachments durch das Element "TXLKAZVMLIST_Resp_SL_Type" definiert.
Diagram	

Type	xs:base64Binary
Properties	content: simple
Source	<xs:element name="daten" type="xs:base64Binary" xmime:expectedContentTypes="application/vnd.vdv.ah.txlzvmorglist.zip"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element tns:Kundenroute_Type / bezeichnung

Namespace	No namespace
Diagram	
Type	tns:PrintableString
Properties	content: simple
Facets	pattern [-þ]*
Source	<xs:element name="bezeichnung" type="ion:PrintableString"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

Element tns:Kundenroute_Type / kurzBezeichnung

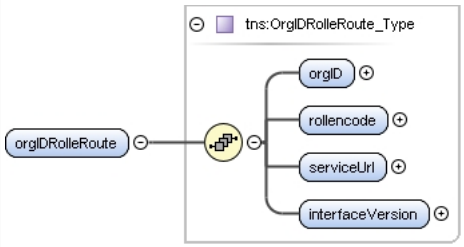
Namespace	No namespace
Diagram	
Type	tns:PrintableString
Properties	content: simple nillable: true
Facets	pattern [-þ]*
Source	<xs:element name="kurzBezeichnung" type="ion:PrintableString" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

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	<xs:element name="email" type="tns:Email_Type" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	<orgIDRolleRoute> <orgID>{1,1}</orgID> <rollencode>{1,1}</rollencode> <serviceUrl>{1,1}</serviceUrl> <interfaceVersion>{1,1}</interfaceVersion> </orgIDRolleRoute>
Source	<xs:element name="orgIDRolleRoute" type="tns:OrgIDRolleRoute_Type" minOccurs="1" maxOccurs="unbounded"/>
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="orgID" type="ka:Organisation_ID"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

Element tns:OrgIDRolleRoute_Type / rollencode

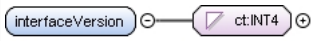
Namespace	No namespace
Diagram	
Type	tns:KommunikationsParterRolle
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0

	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:/tmp/KA-Interfaces/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	
Diagram		
Type	xs:anyURI	
Properties	content:	simple
	nillable:	true
Source	<xs:element name="serviceUrl" type="xs:anyURI" nillable="true"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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	content:	simple
	nillable:	true
Facets	maxInclusive	4294967295
	minInclusive	0
Source	<xs:element name="interfaceVersion" type="ct:INT4" nillable="true"/>	
Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle	
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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd		

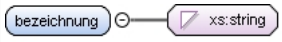
Element tns:Kundenrolle_Type / ip

Namespace	No namespace	
Diagram		
Type	tns:IP_Format	
Properties	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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

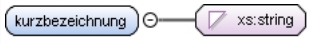
Element tns:Kundenrolle_Type / port

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:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

Element tns:Organisation_Type / bezeichnung

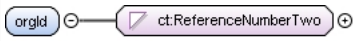
Namespace	No namespace	
Diagram		
Type	xs:string	
Properties	content:	simple
Source	<xs:element name="bezeichnung" type="xs:string"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

Element tns:Organisation_Type / kurzbezeichnung

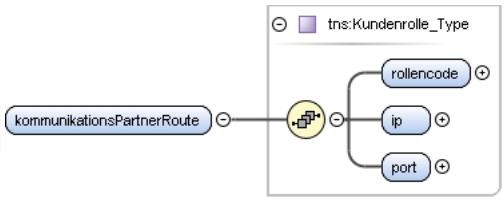
Namespace	No namespace	
Diagram		
Type	xs:string	
Properties	content:	simple
	nillable:	true
Source	<xs:element name="kurzbezeichnung" type="xs:string" nillable="true"/>	

Schema location	file:/C:/tmp/KA-Interfaces/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	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	`<xs:element name="orgId" type="ct:ReferenceNumberTwo"/>`
Schema location	file:/C:/tmp/KA-Interfaces/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	`<kommunikationsPartnerRoute>`
	`  <rollencode>{1,1}</rollencode>`
	`  <ip>{1,1}</ip>`
	`  <port>{1,1}</port>`
	`</kommunikationsPartnerRoute>`

Source	`<xs:element name="kommunikationsPartnerRoute" type="tns:Kundenrolle_Type" minOccurs="1" maxOccurs="unbounded"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd