Schema documentation for XML-Schema_PE_ext-1.7.0.xsd

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Resource hierarchy:

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

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  - 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_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
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- XML-Schema_Common_Types.xsd
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  - 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_ext-1.7.0.xsd`

Namespace	http://vdv/ka/pe/2
Properties	attribute form default: `unqualified` element form default: `qualified` version: `1.7.0`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

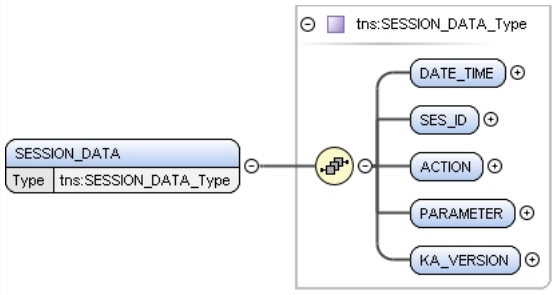
Included schema `XML-Schema_PE.xsd`

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:TXBEWEB_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/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

Element tns:SESSION_DATA_Type / tns:DATE_TIME

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

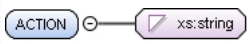
Element tns:SESSION_DATA_Type / tns:SES_ID

Namespace	http://vdv/ka/pe/2
Diagram	
Type	restriction of xs:unsignedLong
Properties	content: simple
Facets	maxInclusive 999999999999999999 minInclusive 0

Source	<pre><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></pre>

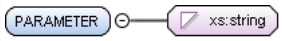
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns: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

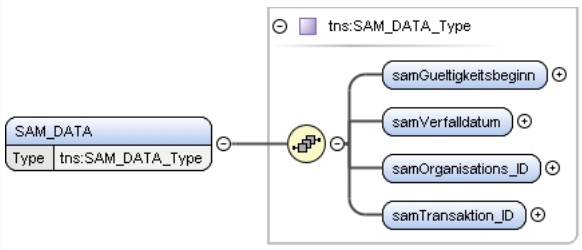
Type hierarchy	• xs:string
	  • tns:BitString16
	  • tns:VersionNumberExtended

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]`

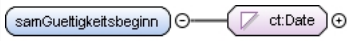
Source	`<xs:element name="KA_VERSION" type="tns:VersionNumberExtended"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXBEWEB_Type / tns:SAM_DATA

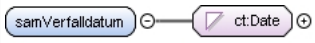
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	`<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/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

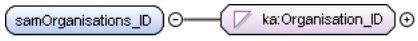
Element tns:SAM_DATA_Type / tns:samGueltigkeitsbeginn

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

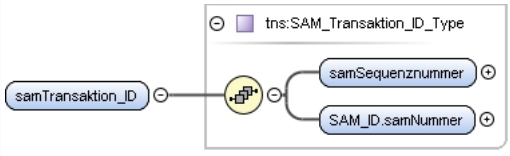
Element tns:SAM_DATA_Type / tns:samVerfalldatum

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

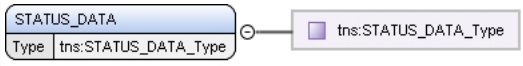
Element tns:SAM_Transaktion_ID_Type / tns:samSequenznummer

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

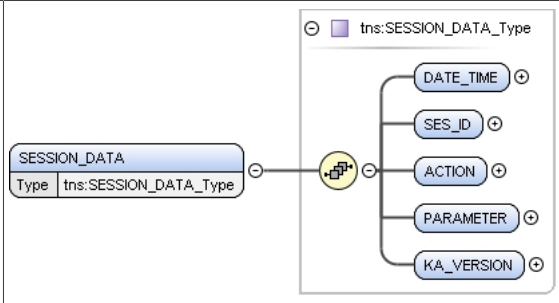
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ReferenceNumberThree
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	<xs:element name="SAM_ID.samNummer" type="ct:ReferenceNumberThree"/>
Schema location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

Element tns:TXBEWEB_Type / tns:STATUS_DATA

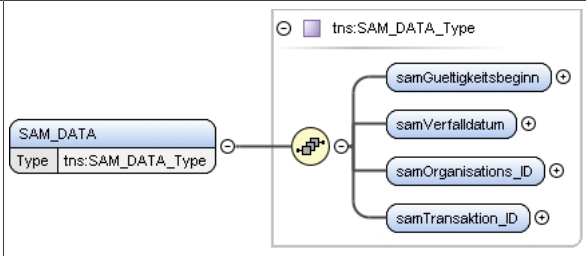
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

Element tns:TXBEPOBPEB_Type / tns:SESSION_DATA

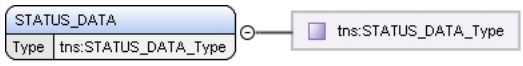
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <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/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

Element tns:TXBEPOBPEB_Type / tns:SAM_DATA

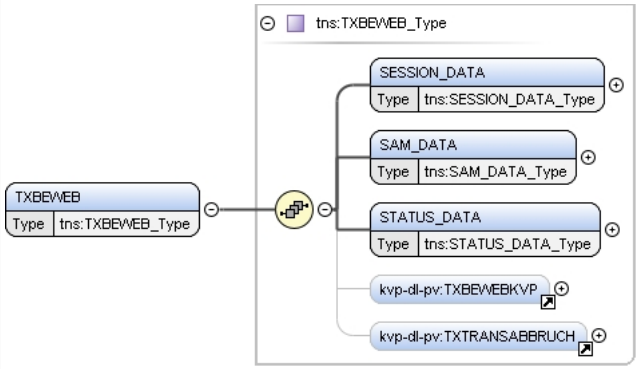
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance	<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/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

Element tns:TXBEPOBPEB_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/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

Element tns:TXBEWEB

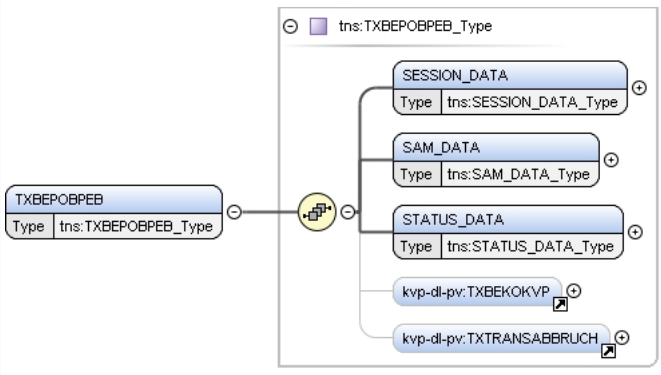
Namespace	http://vdv/ka/pe/2
Annotations	Element: WEB-Konto aufbuchen/abbuchen
Diagram	
Type	tns:TXBEWEB_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXBEWEBKVP{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEWEBKVP, tns:TXTRANSABBRUCH

Instance	`<tns:TXBEWEB 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:TXBEWEBKVP>{0,1}</kvp-dl-pv:TXBEWEBKVP>`
	`<kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH>`
	`</tns:TXBEWEB>`

Source	`<xs:element name="TXBEWEB" type="tns:TXBEWEB_Type">`
	`<xs:annotation>`
	`<xs:documentation>Element: WEB-Konto aufbuchen/abbuchen</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

Element tns:TXBEPOBPEB

Namespace	http://vdv/ka/pe/2
Annotations	Element: POB/PEB-Konto aufbuchen/abbuchen
Diagram	

Type	tns:TXBEPOBPEB_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXBEKOKVP{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEKOKVP, tns:TXTRANSABBRUCH
Instance	<tns:TXBEPOBPEB 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>{0,1}</kvp-dl-pv:TXBEKOKVP> <kvp-dl-pv:TXTRANSABBRUCH>{0,1}</kvp-dl-pv:TXTRANSABBRUCH> </tns:TXBEPOBPEB>
Source	<xs:element name="TXBEPOBPEB" type="tns:TXBEPOBPEB_Type"> <xs:annotation> <xs:documentation>Element: POB/PEB-Konto aufbuchen/abbuchen</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

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

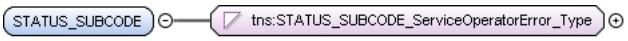
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:STATUS_CODE_ServiceOperatorError_Type	

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	

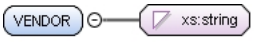
Element tns:STATUS_DATA_ServiceOperatorError_Type / tns:STATUS_SUBCODE

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: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

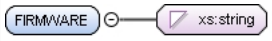
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	xs:string	
Properties	content:	simple
	nillable:	true
Source	<xs:element name="TYPE" type="xs:string" nillable="true"/>	

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

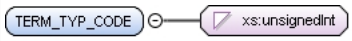
Element tns:ENGINE_DATA_Type / tns:VERSION

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

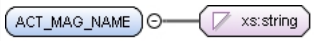
Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt
Properties	content: simple
Source	`<xs:element name="MAG_COUNT" type="xs:unsignedInt"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:ENGINE_DATA_Type / tns:ACT_MAG

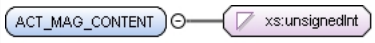
Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:unsignedInt

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

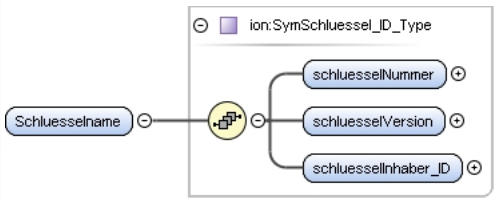
Element tns:SAM-Schluessel-Info_Type / tns:SAM_ID.samNummer

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

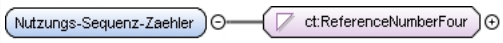
Element tns:SAM-Schluessel-Info_Type / tns:Schluesselname

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

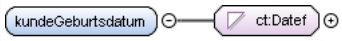
Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Limit

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

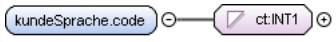
Element tns:SAM-Schluessel-Info_Type / tns:Nutzungs-Sequenz-Zaehler

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>`

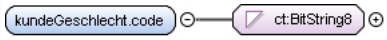
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundeVorname

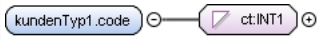
Namespace	http://vdv/ka/pe/2
Diagram	

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

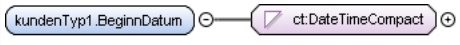
Element tns:NmKundendaten_Type / tns:kundeGeschlecht.code

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

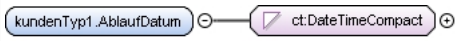
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="kundenTyp1.code" type="ct:INT1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmKundendaten_Type / tns:kundenTyp1.BeginnDatum

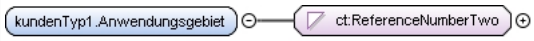
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00

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

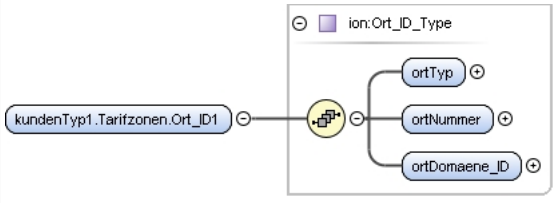
Element tns:NmKundendaten_Type / tns:kundenTyp1.AblaufDatum

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

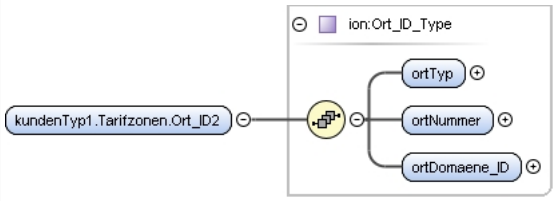
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID1

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

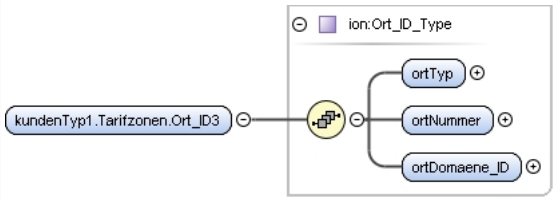
Instance	`<tns:kundenTyp1.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2">`
	`<ortTyp>{1,1}</ortTyp>`
	`<ortNummer>{1,1}</ortNummer>`
	`<ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp1.Tarifzonen.Ort_ID1>`

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

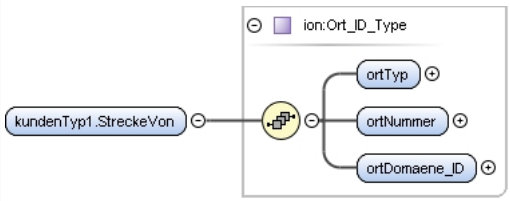
Element tns:NmKundendaten_Type / tns:kundenTyp1.Tarifzonen.Ort_ID2

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

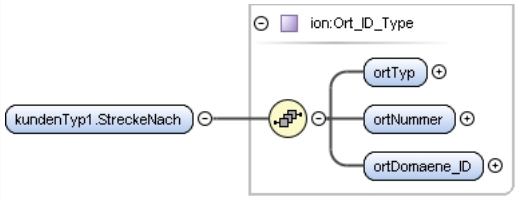
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp1.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</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

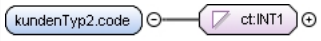
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex

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

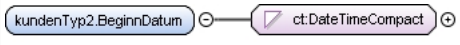
Element tns:NmKundendaten_Type / tns:kundenTyp1.StreckeNach

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

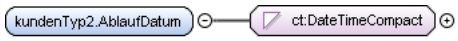
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="kundenTyp2.code" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:NmKundendaten_Type / tns:kundenTyp2.BeginnDatum

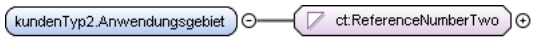
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:DateTimeCompact	
Properties	content:	simple
Facets	maxInclusive	2117-12-31T23:59:58
	minInclusive	1990-01-01T00:00:00

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

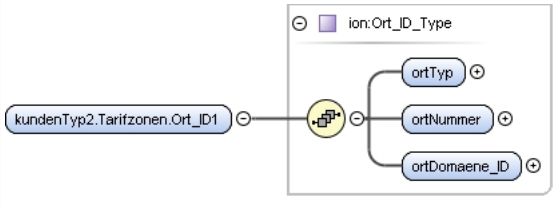
Element tns:NmKundendaten_Type / tns:kundenTyp2.AblaufDatum

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

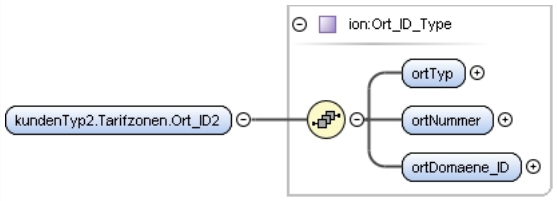
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID1

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

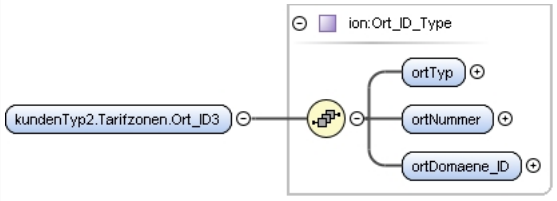
Instance	`<tns:kundenTyp2.Tarifzonen.Ort_ID1 xmlns:tns="http://vdv/ka/pe/2">`
	`<ortTyp>{1,1}</ortTyp>`
	`<ortNummer>{1,1}</ortNummer>`
	`<ortDomaene_ID>{1,1}</ortDomaene_ID>`
	`</tns:kundenTyp2.Tarifzonen.Ort_ID1>`

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

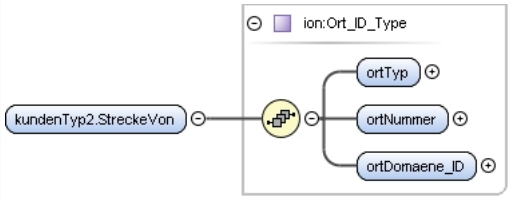
Element tns:NmKundendaten_Type / tns:kundenTyp2.Tarifzonen.Ort_ID2

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

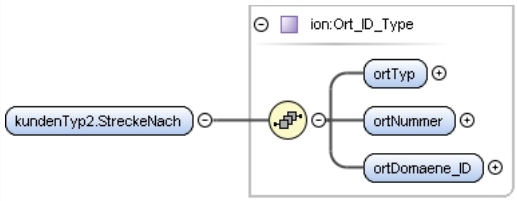
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp2.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</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

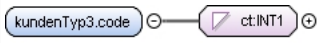
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID

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

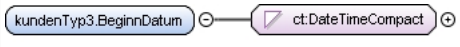
Element tns:NmKundendaten_Type / tns:kundenTyp2.StreckeNach

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

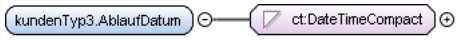
Element tns:NmKundendaten_Type / tns:kundenTyp3.code

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

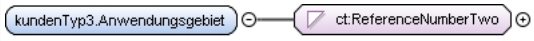
Element tns:NmKundendaten_Type / tns:kundenTyp3.BeginnDatum

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

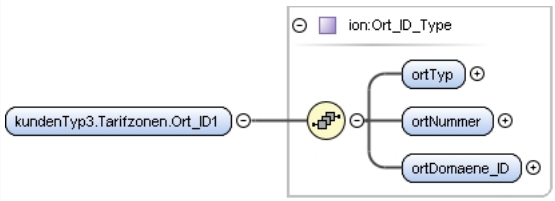
Element tns:NmKundendaten_Type / tns:kundenTyp3.AblaufDatum

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

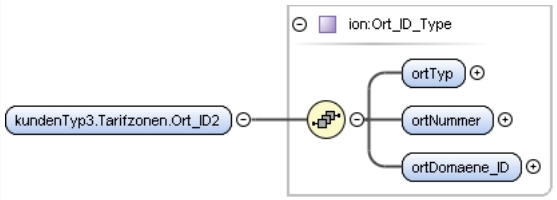
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp

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>`

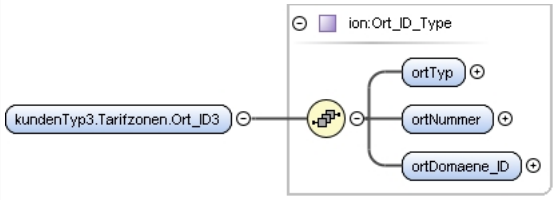
Source	`<xs:element name="kundenTyp3.Tarifzonen.Ort_ID1" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

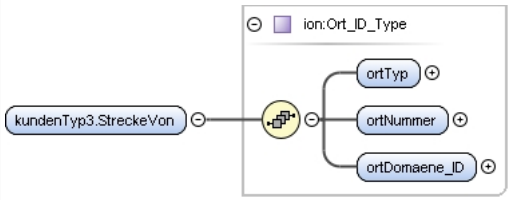
Namespace	http://vdv/ka/pe/2

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

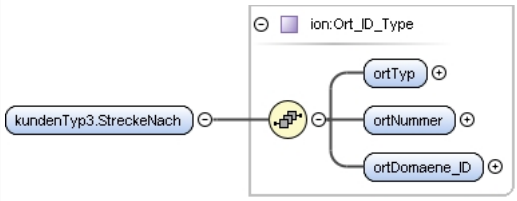
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<tns:kundenTyp3.Tarifzonen.Ort_ID3 xmlns:tns="http://vdv/ka/pe/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</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

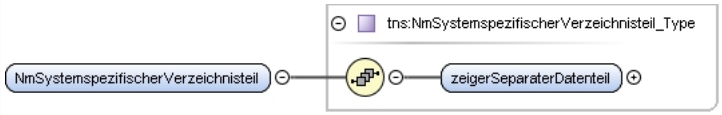
Element tns:NmKundendaten_Type / tns:kundenTyp3.StreckeNach

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

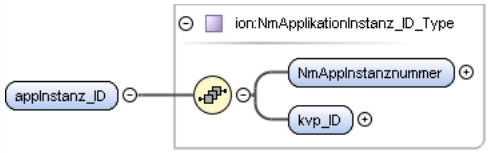
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type

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

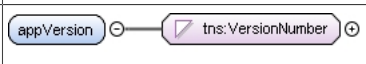
Element tns:NmSystemspezifischerVerzeichnisteil_Type / tns:zeigerSeparaterDatenteil

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	

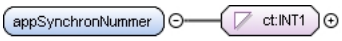
Element tns:NmVerzeichniseintragAppDaten_Type / tns:appGueltigkeitsende

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

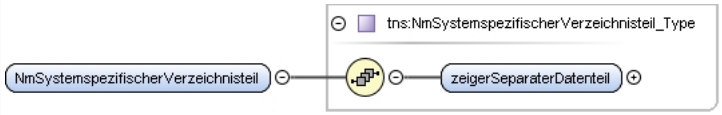
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="appStatus" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

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	

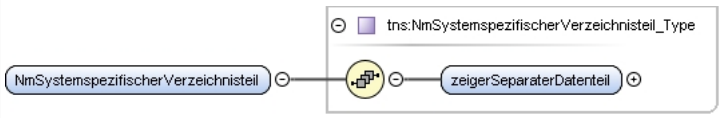
Element tns:NmVerzeichniseintragApplikationslogbuch_Type / tns:NmSystemspezifischerVerzeichnisteil

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

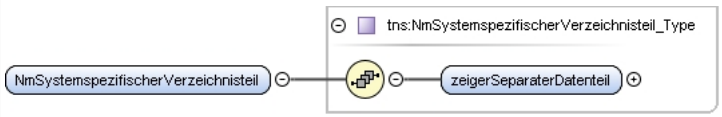
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmSystemspezifischerVerzeichnisteil_Type
Properties	content: complex
Model	tns:zeigerSeparaterDatenteil
Children	tns:zeigerSeparaterDatenteil
Instance	<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2">

	<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

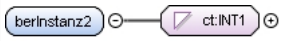
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:NmSystemspezifischerVerzeichnisteil_Type	
Properties	content:	complex
Model	tns:zeigerSeparaterDatenteil	
Children	tns:zeigerSeparaterDatenteil	
Instance	<tns:NmSystemspezifischerVerzeichnisteil xmlns:tns="http://vdv/ka/pe/2"> <tns:zeigerSeparaterDatenteil>{1,1}</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

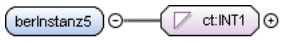
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz3

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

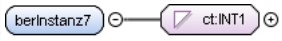
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="berInstanz5" type="ct:INT1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz6

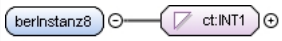
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:INT1

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	

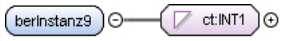
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz7

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

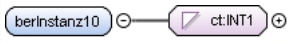
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz8

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	

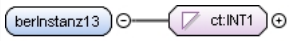
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz11

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	

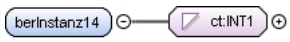
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz12

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

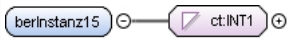
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berInstanz13" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

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

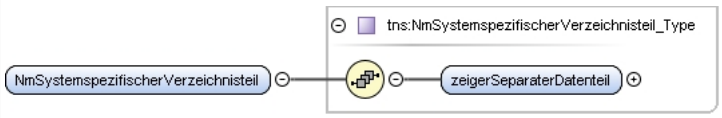
Element tns:NmVerzeichniseintragPrioritaeten_Type / tns:berInstanz15

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

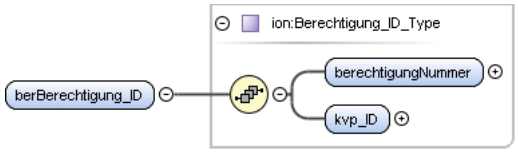
Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:NmSystemspezifischerVerzeichnisteil

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>`

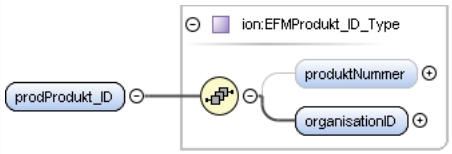
Source	`<xs:element name="NmSystemspezifischerVerzeichnisteil"` `  type="tns:NmSystemspezifischerVerzeichnisteil_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

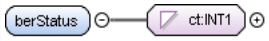
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:DateTimeCompact

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

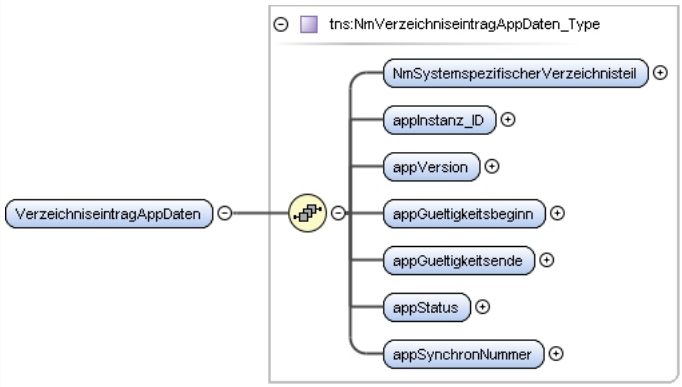
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:INT1	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berStatus" type="ct:INT1"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd	

Element tns:NmVerzeichniseintragBerechtigungen_Type / tns:berSynchronNummer

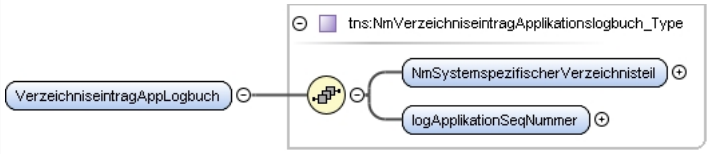
Namespace	http://vdv/ka/pe/2	
Diagram		
Type	tns:ReferenceNumberOne	
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:ReferenceNumberOne	
Properties	content:	simple
Facets	maxInclusive	255
	minInclusive	0
Source	<xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build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

Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragAppDaten

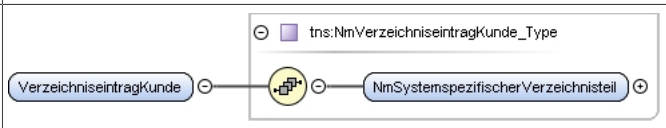
Namespace	http://vdv/ka/pe/2

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

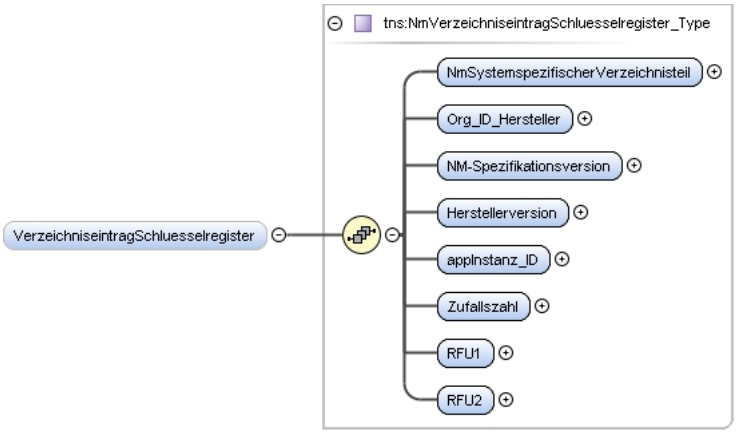
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragApplikationslogbuch_Type
Properties	content: complex
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:logApplikationSeqNummer
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logApplikationSeqNummer
Instance	<tns:VerzeichniseintragAppLogbuch 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

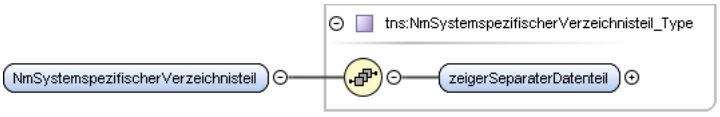
Namespace	http://vdv/ka/pe/2
Diagram	

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:VerzeichniseintragSchluesselregister

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragSchluesselregister_Type
Properties	content: complex minOccurs: 0
Model	tns:NmSystemspezifischerVerzeichnisteil , tns:Org_ID_Hersteller , tns:NM-Spezifikationsversion , tns:Herstellerversion , tns: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

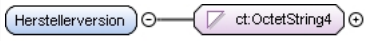
Element tns:NmVerzeichniseintragSchluesselregister_Type / tns:Org_ID_Hersteller

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

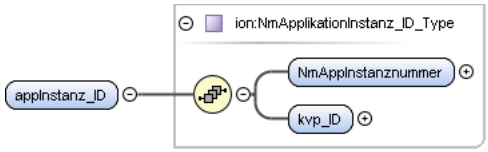
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:VersionNumberExtended
Type hierarchy	• xs:string • tns:BitString16 • tns:VersionNumberExtended
Properties	content: simple
Facets	length 16 pattern [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1]
Source	<xs:element name="NM-Spezifikationsversion" 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

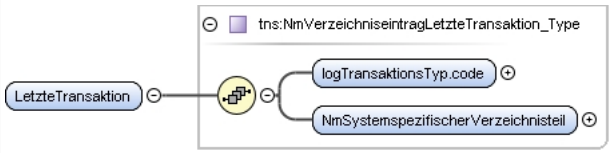
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:OctetString1
Properties	content: simple
Facets	length 1
Source	<xs:element name="RFU1" type="ct:OctetString1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

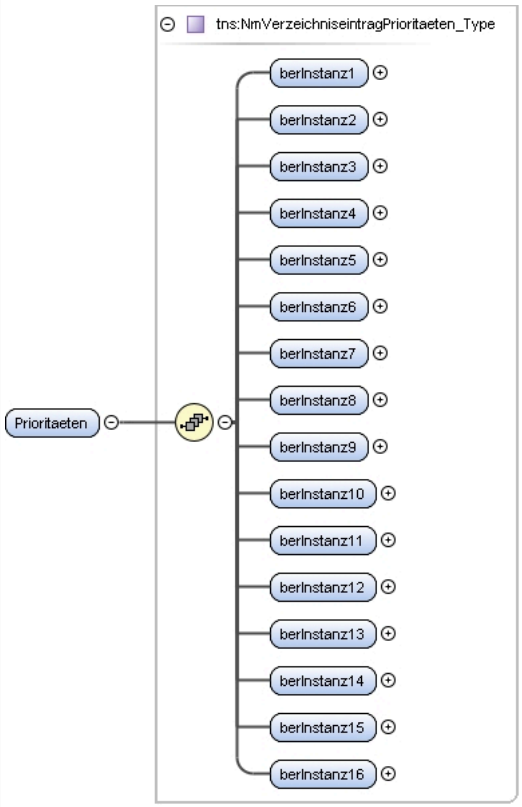
Element tns:NmApplikationsverzeichnis_Type / tns:LetzteTransaktion

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>`

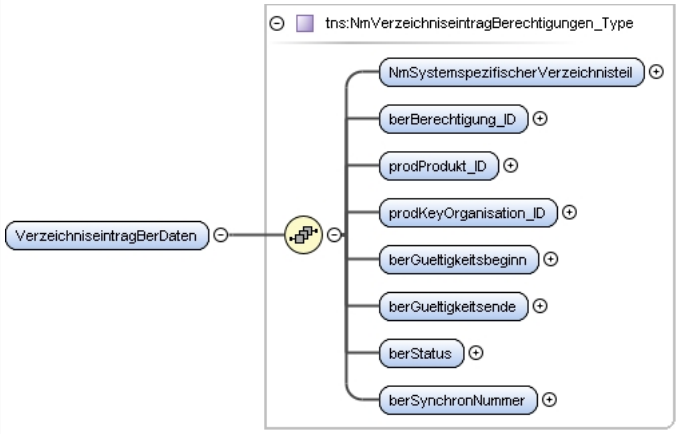
Source	`<xs:element name="LetzteTransaktion" type="tns:NmVerzeichniseintragLetzteTransaktion_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmApplikationsverzeichnis_Type / tns:Prioritaeten

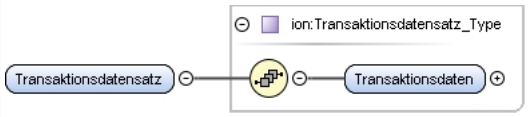
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmVerzeichniseintragPrioritaeten_Type

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

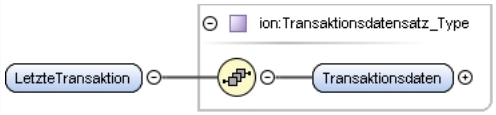
Element tns:NmApplikationsverzeichnis_Type / tns:VerzeichniseintragBerDaten

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

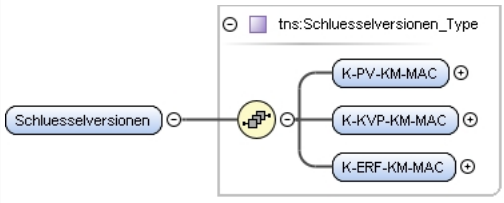
Element tns:NmApplikationslogbuch_Type / tns:Transaktionsdatensatz

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

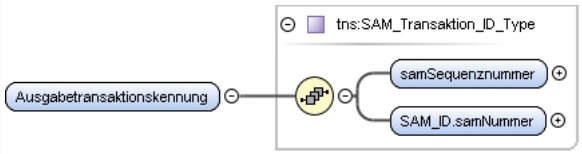
Element tns:NmApplikationsdaten_Type / tns:LetzteTransaktion

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

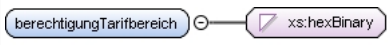
Element tns:NmApplikationsdaten_Type / tns:Ausgabetransaktionskennung

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

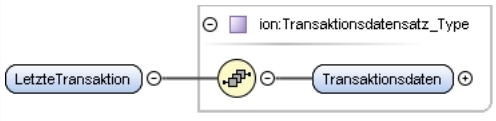
Element tns:NmApplikationsdaten_Type / tns:Infotext

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

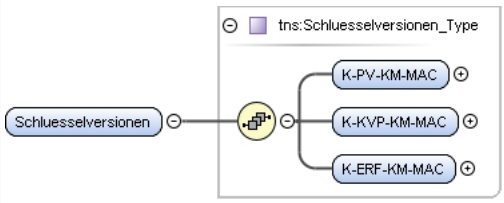
Namespace	http://vdv/ka/pe/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:NmBerechtigungsdaten_Type / tns:LetzteTransaktion

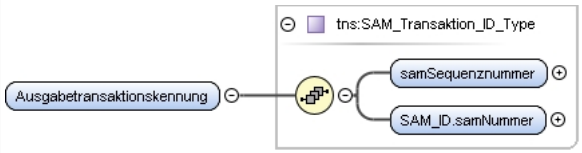
Namespace	http://vdv/ka/pe/2
Diagram	

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

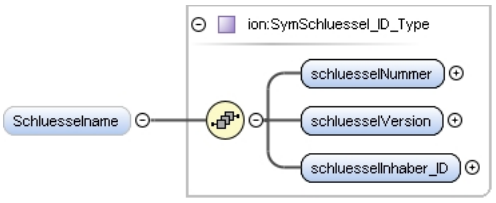
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_Transaktion_ID_Type
Properties	content: complex
Model	tns:samSequenznummer , tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Instance	<tns:Ausgabetransaktionskennung xmlns:tns="http://vdv/ka/pe/2"> <tns:samSequenznummer>{1,1}</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

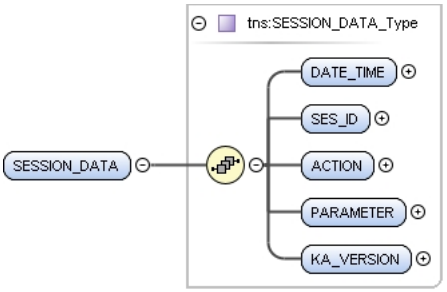
Namespace	http://vdv/ka/pe/2
Diagram	

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

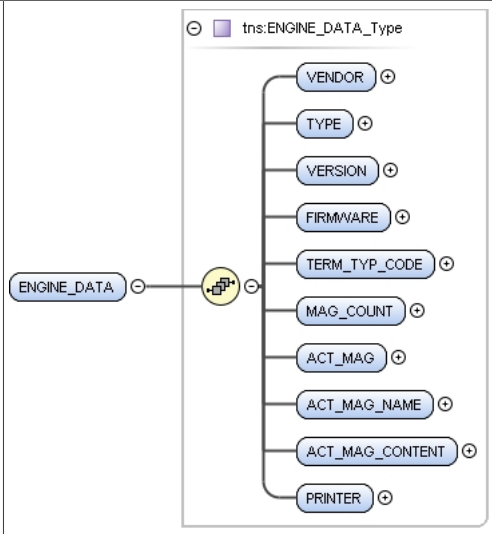
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<tns:Schluesselname xmlns:tns="http://vdv/ka/pe/2"> <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

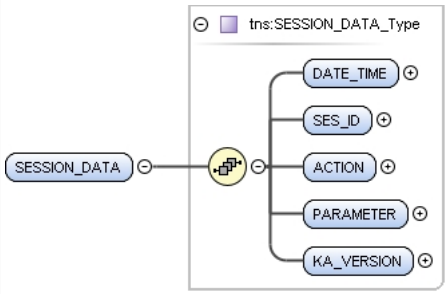
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:ENGINE_DATA_Type
Properties	content: complex
Model	tns:VENDOR , tns:TYPE , tns:VERSION , tns:FIRMWARE , tns:TERM_TYP_CODE , tns:MAG_COUNT , tns:ACT_MAG , tns:ACT_MAG_NAME , tns:ACT_MAG_CONTENT , tns:PRINTER
Children	tns:ACT_MAG, tns:ACT_MAG_CONTENT, tns:ACT_MAG_NAME, 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

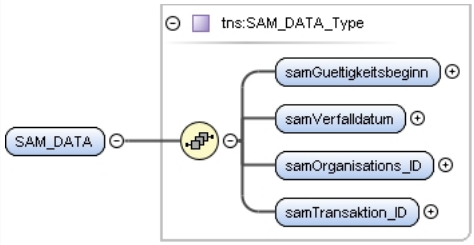
Element tns:TXAUTH_Type / tns:SESSION_DATA

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

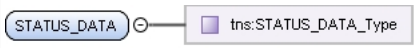
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum

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>`

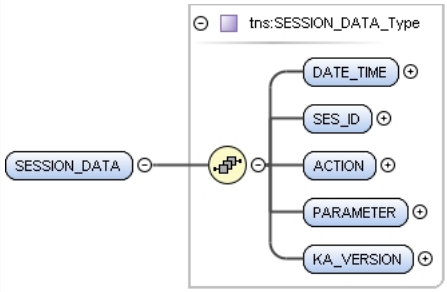
Source	`<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

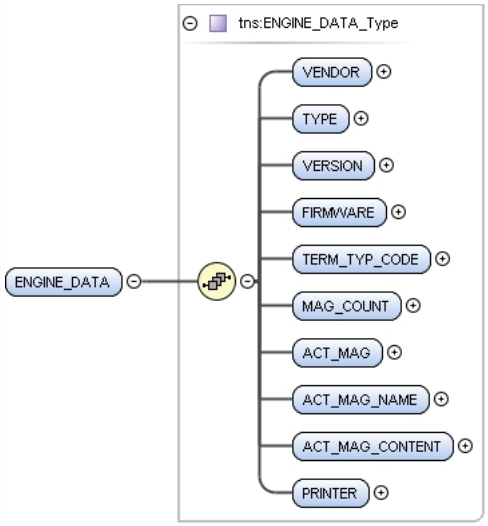
Element tns:TXBGN_Type / tns:SESSION_DATA

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>`

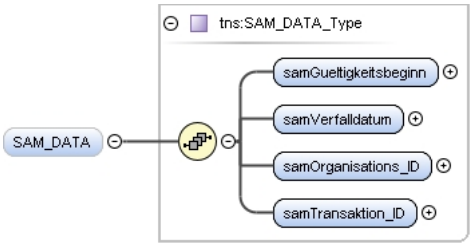
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

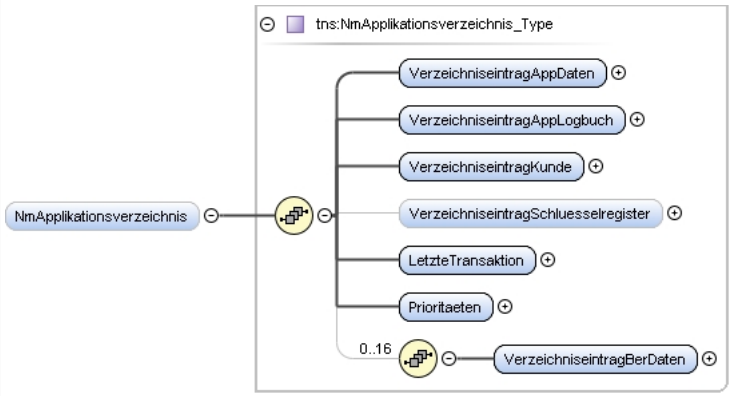
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
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

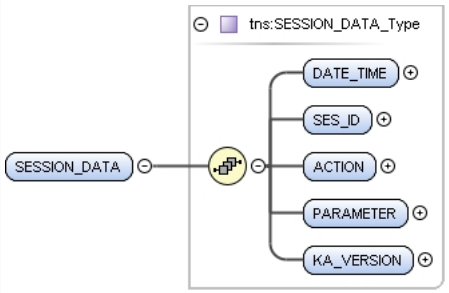
Namespace	http://vdv/ka/pe/2

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`

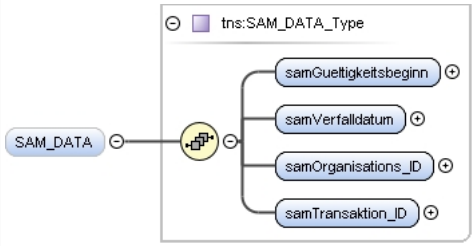
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID

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

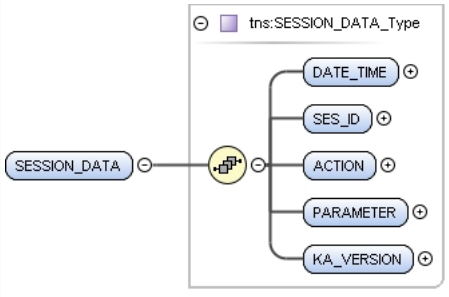
Element tns:TXLADKEYREG_Type / tns:SAM_DATA

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

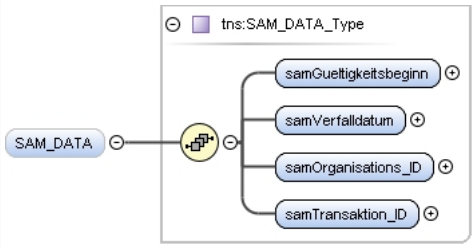
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

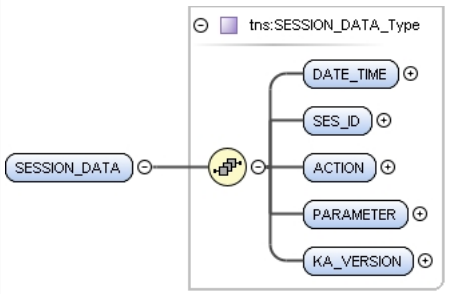
Element tns:TXLOEKEYREG_Type / tns:SAM_DATA

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

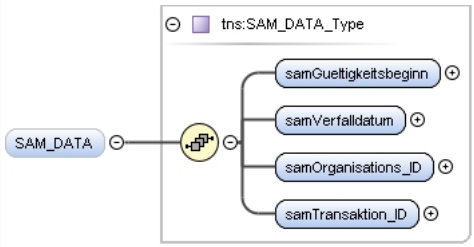
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

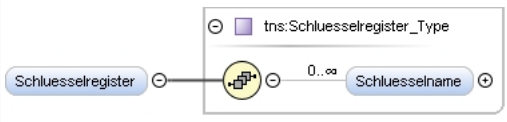
Element tns:TXLESKEYREG_Type / tns:SAM_DATA

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

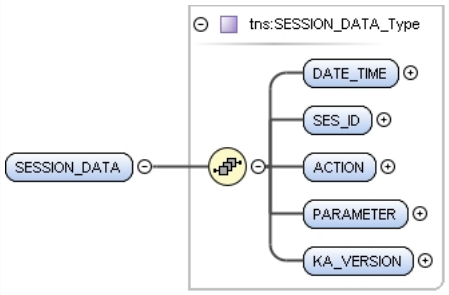
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKEYREG_Type / tns:Schluesselregister

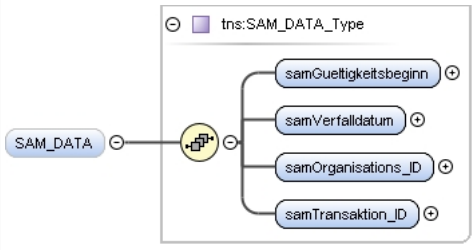
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:Schluesselregister_Type
Properties	content: complex

	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

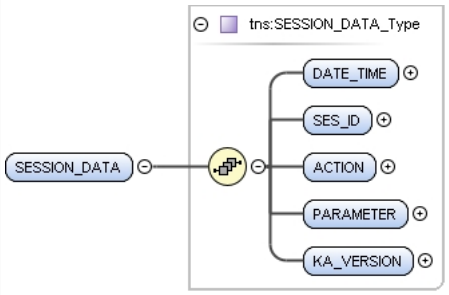
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, 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

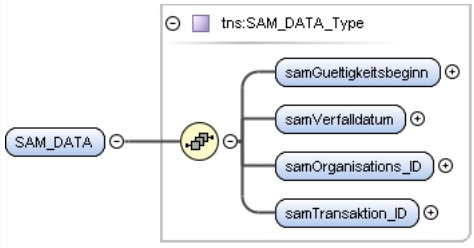
Element tns:TXEND_Type / tns:STATUS_DATA

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

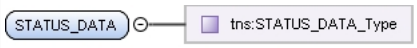
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <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

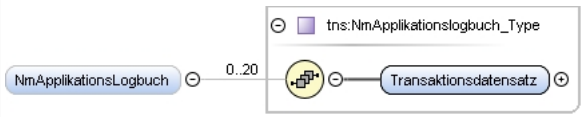
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex

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

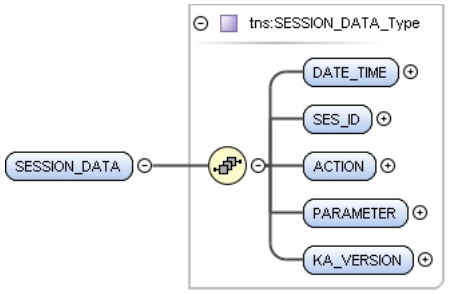
Element tns:TXLESAPPLOG_Type / tns:STATUS_DATA

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

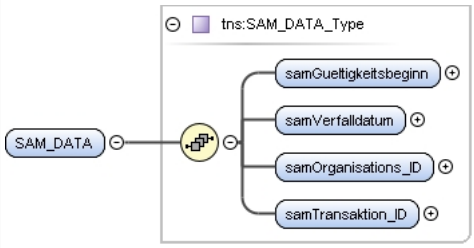
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationslogbuch_Type
Properties	content: complex minOccurs: 0
Model	tns:Transaktionsdatensatz
Children	tns:Transaktionsdatensatz
Instance	<tns:NmApplikationsLogbuch xmlns:tns="http://vdv/ka/pe/2"> <tns:Transaktionsdatensatz>{1,1}</tns:Transaktionsdatensatz> </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	<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

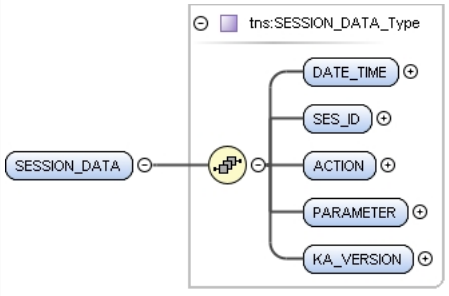
Element tns:TXLOEAPPLOG_Type / tns:SAM_DATA

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	<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:TXLOEAPPLOG_Type / tns:STATUS_DATA

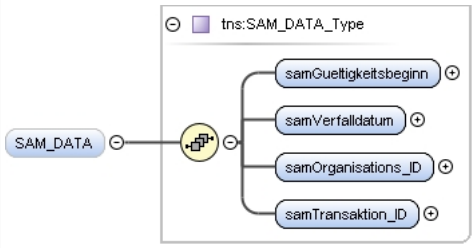
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

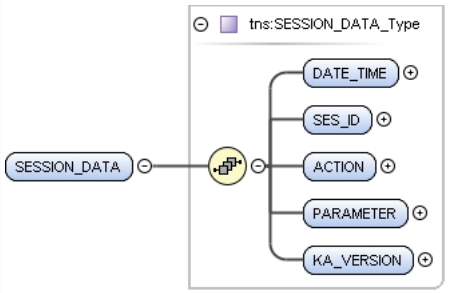
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, 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

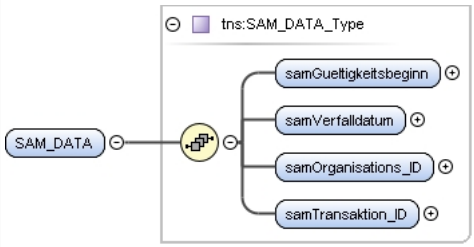
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLESKUNDE_Type / tns:SESSION_DATA

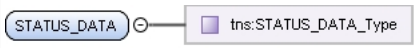
Namespace	http://vdv/ka/pe/2

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

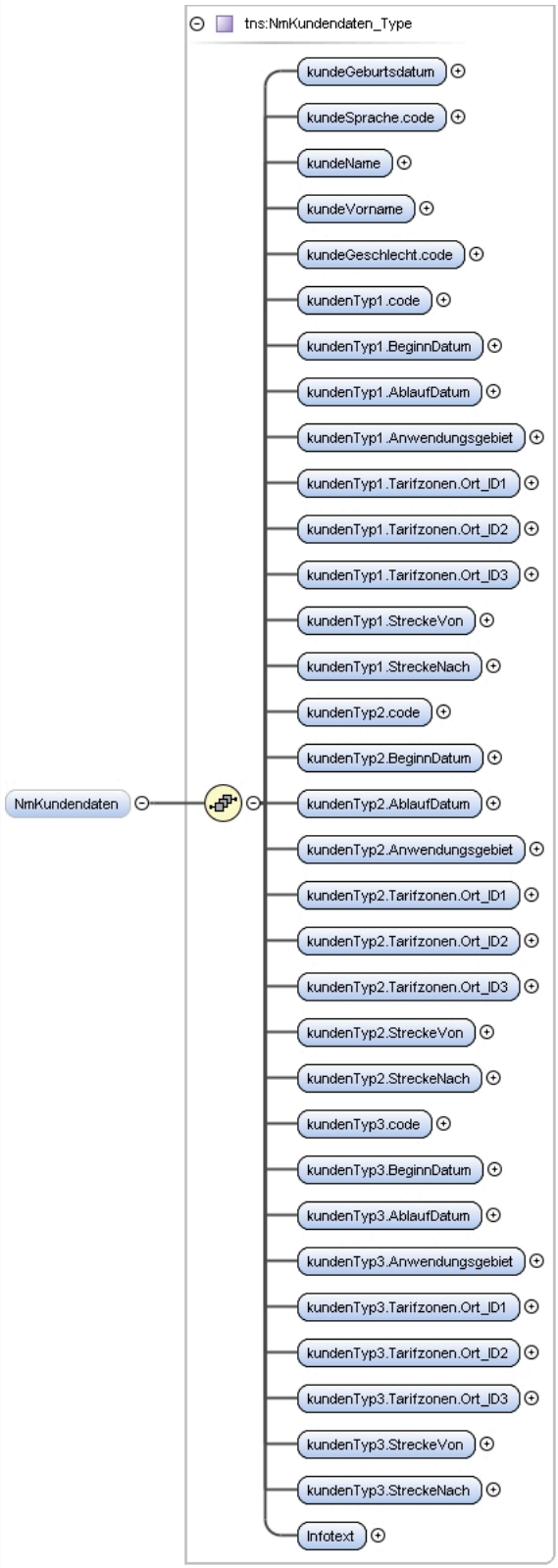
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance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

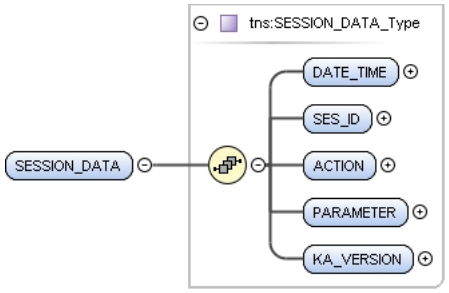
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element `tns:TXLESKUNDE_Type / tns:NmKundendaten`

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

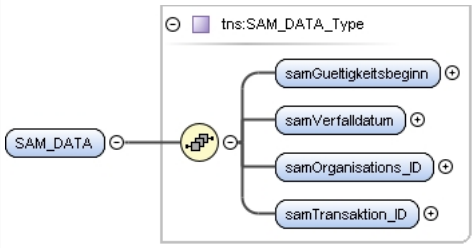
	minOccurs: 0
Model	tns:kundeGeburtsdatum , tns:kundeSprache.code , tns:kundeName , tns:kundeVorname , tns:kundeGeschlecht.code , tns:kundenTyp1.code , tns:kundenTyp1.BeginnDatum , tns:kundenTyp1.AblaufDatum , tns:kundenTyp1.Anwendungsgebiet , tns:kundenTyp1.Tarifzonen.Ort_ID1 , tns:kundenTyp1.Tarifzonen.Ort_ID2 , 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	<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:TXLOEKUNDE_Type / tns:SAM_DATA

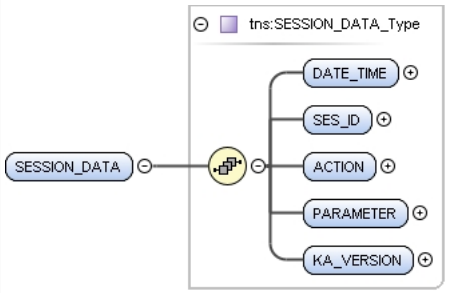
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance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

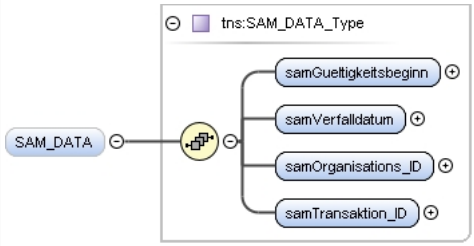
Namespace	http://vdv/ka/pe/2

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>`

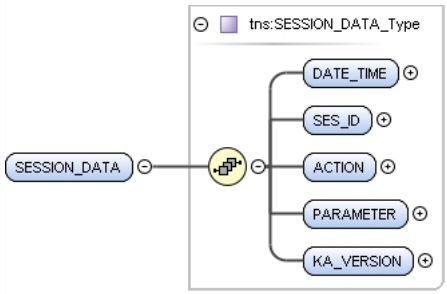
Source	`<xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" maxOccurs="1"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBPRIO_Type / tns:STATUS_DATA

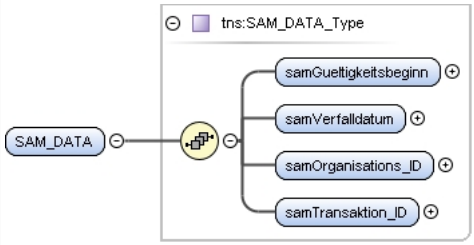
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex

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

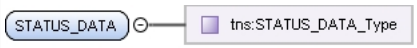
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <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

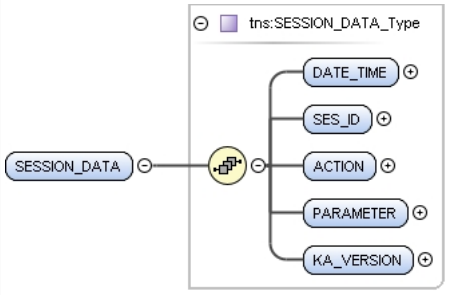
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance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

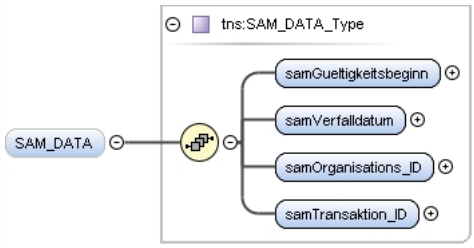
Element tns:TXAGBPINPUC_Type / tns:SESSION_DATA

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

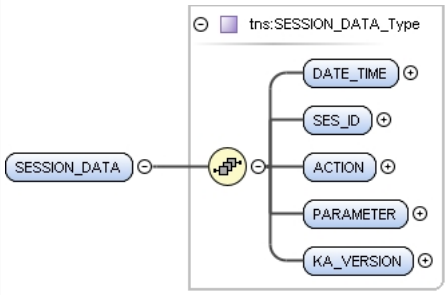
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

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

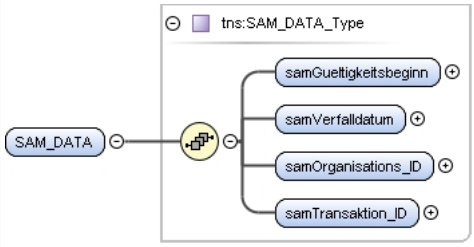
Element `tns:TXPPIN_Type / tns:SESSION_DATA`

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>`

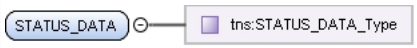
Source	`<xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element `tns:TXPPIN_Type / tns:SAM_DATA`

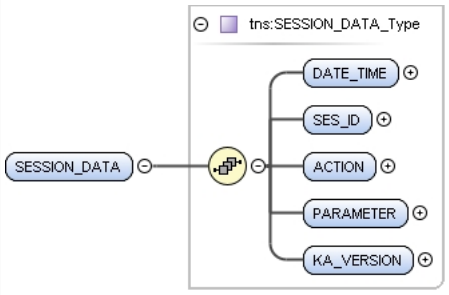
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum

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

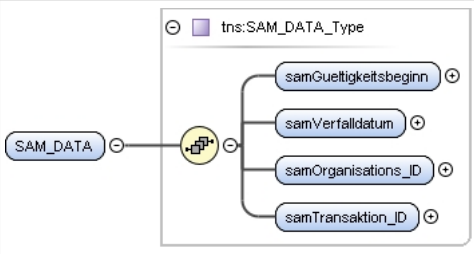
Element tns:TXPPIN_Type / tns:STATUS_DATA

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

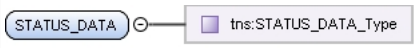
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID
Instance	<tns:SESSION_DATA xmlns:tns="http://vdv/ka/pe/2"> <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

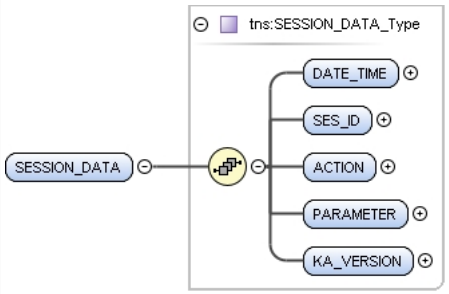
Namespace	http://vdv/ka/pe/2
Diagram	

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

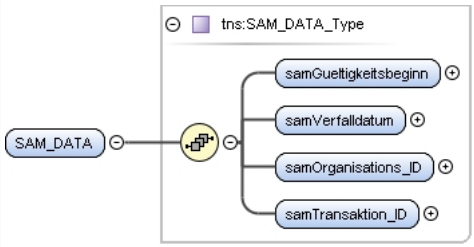
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

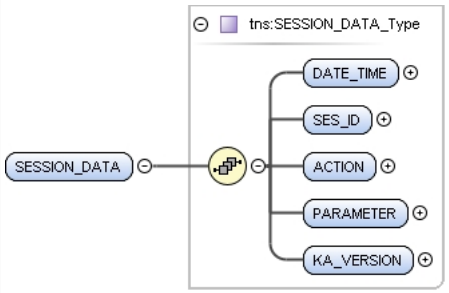
Namespace	http://vdv/ka/pe/2

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

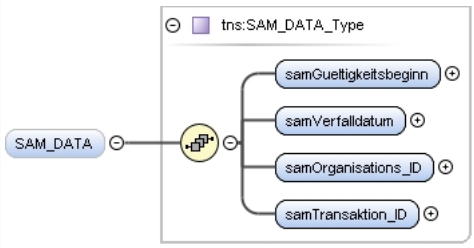
Element tns:TXSPIN_Type / tns:STATUS_DATA

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

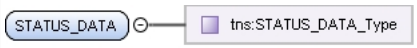
Element tns:TXDRUCK_Type / tns:SESSION_DATA

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

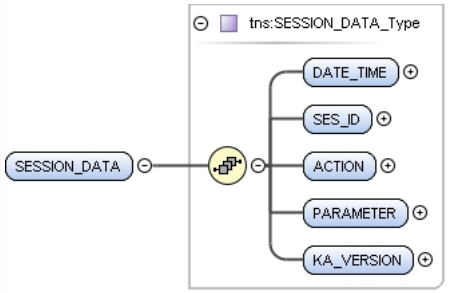
Element tns:TXDRUCK_Type / tns:SAM_DATA

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

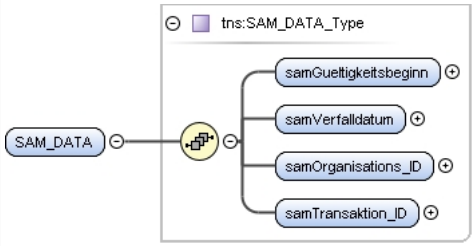
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

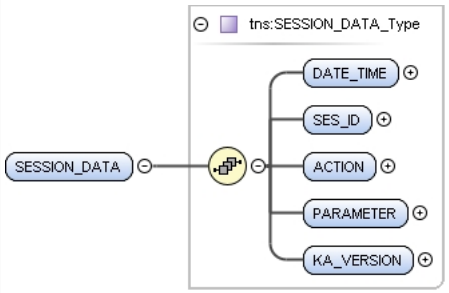
Element tns:TXWEBAENDN_Type / tns:SAM_DATA

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

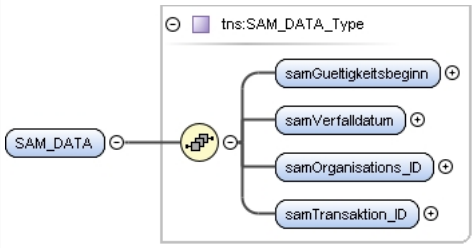
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

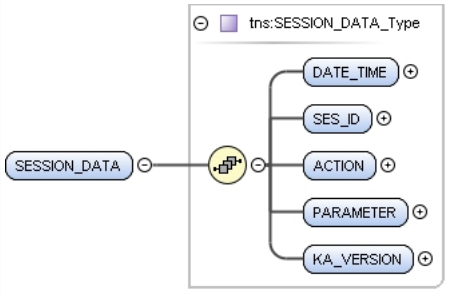
Element tns:TXSBER_Type / tns:SAM_DATA

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

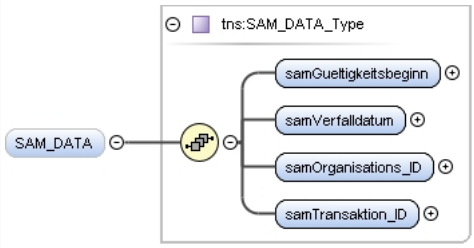
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

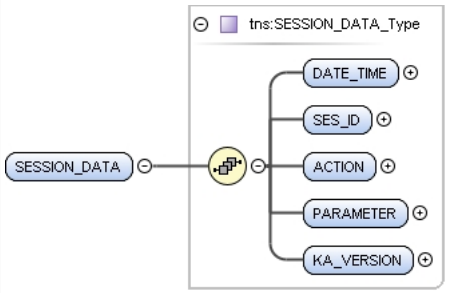
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, 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

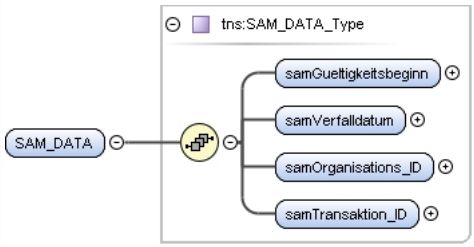
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXLOEBER_Type / tns:SESSION_DATA

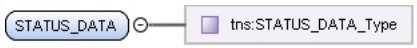
Namespace	http://vdv/ka/pe/2

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

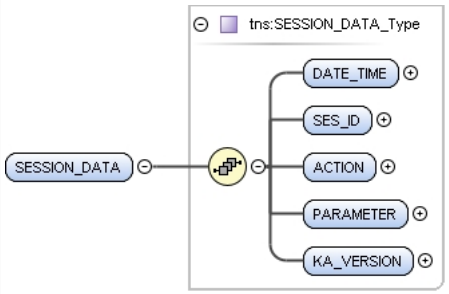
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance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

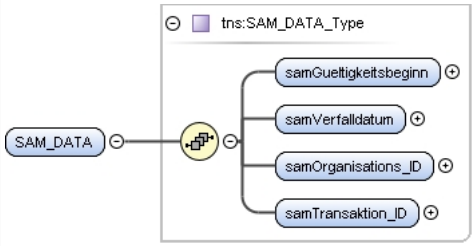
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>

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	<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:TXWEBPOBPEB_Type / tns:SAM_DATA

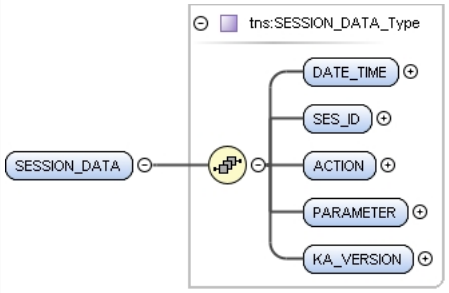
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance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

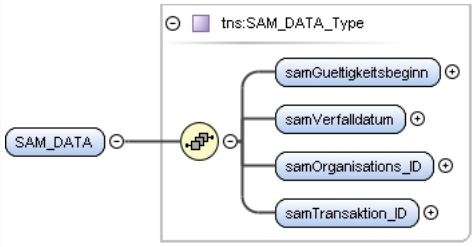
Element tns:TXPEB_Type / tns:SESSION_DATA

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

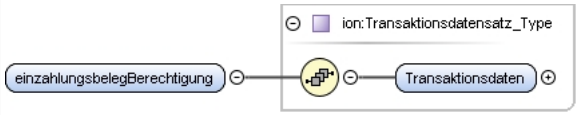
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

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

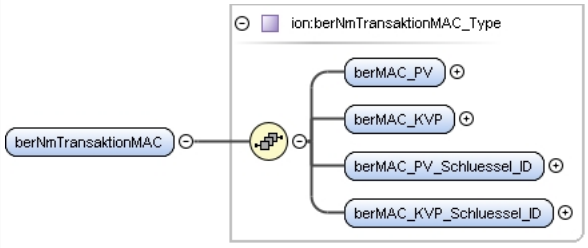
Element tns:TXLPEB_Type / tns:einzahlungsbelegBerechtigung

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

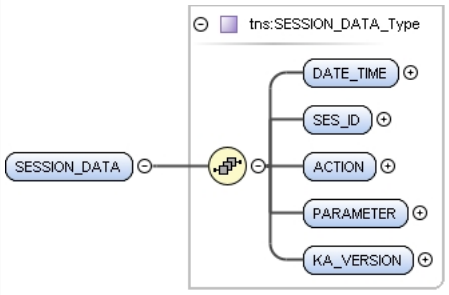
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID

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>`

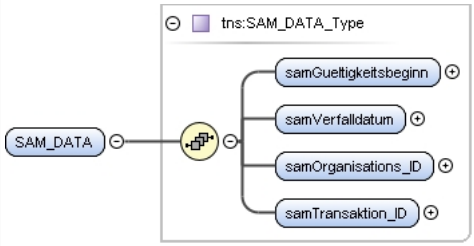
Source	`<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAENDBER_Type / tns:SESSION_DATA

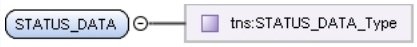
Namespace	http://vdv/ka/pe/2

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

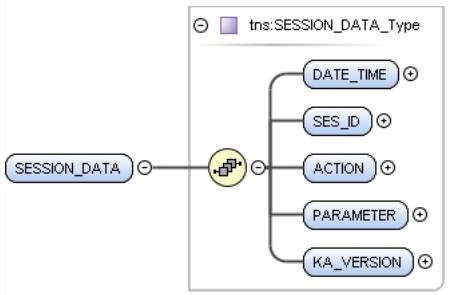
Element tns:TXAENDBER_Type / tns:SAM_DATA

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

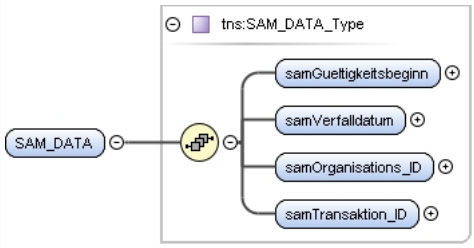
Element tns:TXAENDBER_Type / tns:STATUS_DATA

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

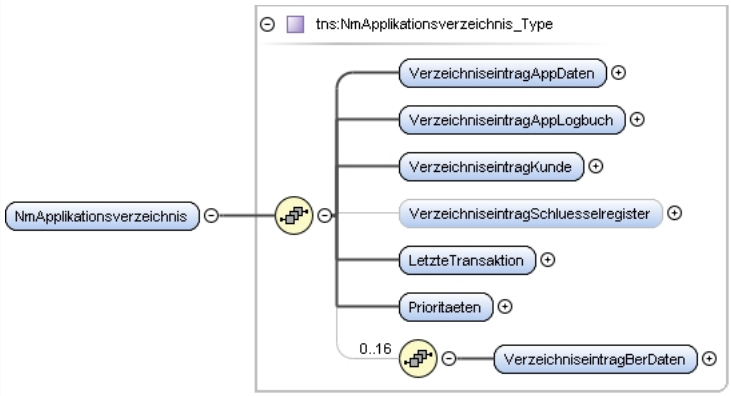
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SAM_DATA_Type
Properties	content: complex
Model	tns:samGueltigkeitsbeginn , tns:samVerfalldatum , tns:samOrganisations_ID , tns:samTransaktion_ID
Children	tns:samGueltigkeitsbeginn, tns:samOrganisations_ID, tns:samTransaktion_ID, tns:samVerfalldatum
Instance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

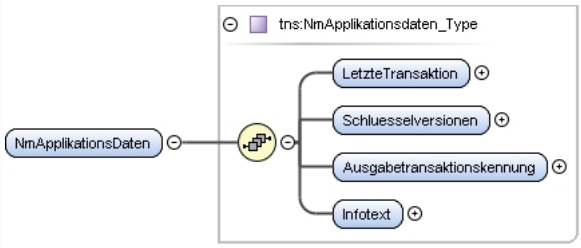
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex

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

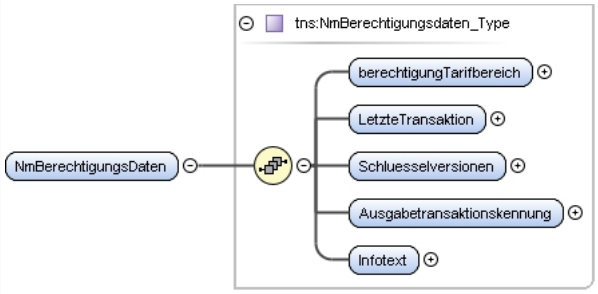
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:NmApplikationsverzeichnis_Type
Properties	content: complex
Model	tns:VerzeichniseintragAppDaten , tns:VerzeichniseintragAppLogbuch , tns:VerzeichniseintragKunde , tns:VerzeichniseintragSchluesselregister{0,1} , tns:LetzteTransaktion , tns:Prioritaeten , 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

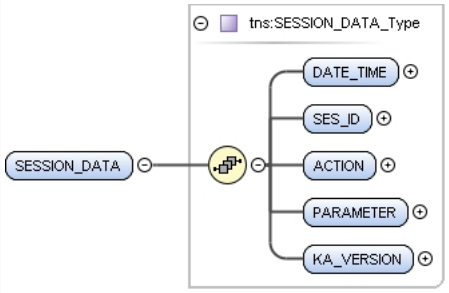
Element tns:TXLESBER_Type / tns:NmBerechtigungsDaten

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	<pre><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></pre>

Source	<pre><xs:element name="NmBerechtigungsDaten" type="tns:NmBerechtigungsdaten_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:TXAGBKEY_Type / tns:SESSION_DATA

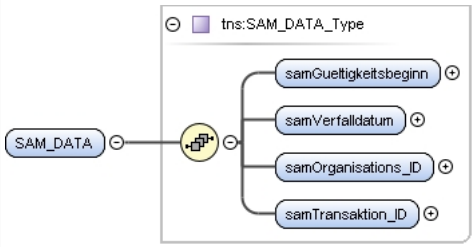
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID

Instance	<pre><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: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

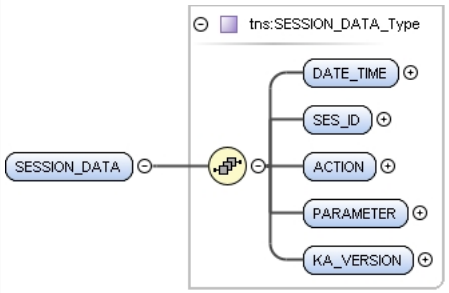
Instance	`<tns:SAM_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:samGueltigkeitsbeginn>{1,1}</tns:samGueltigkeitsbeginn>`
	`  <tns:samVerfalldatum>{1,1}</tns:samVerfalldatum>`
	`  <tns:samOrganisations_ID>{1,1}</tns:samOrganisations_ID>`
	`  <tns:samTransaktion_ID>{1,1}</tns:samTransaktion_ID>`
	`</tns:SAM_DATA>`

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

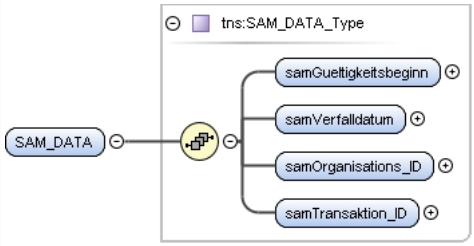
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:SESSION_DATA_Type
Properties	content: complex
Model	tns:DATE_TIME , tns:SES_ID , tns:ACTION , tns:PARAMETER , tns:KA_VERSION
Children	tns:ACTION, tns:DATE_TIME, tns:KA_VERSION, tns:PARAMETER, tns:SES_ID

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

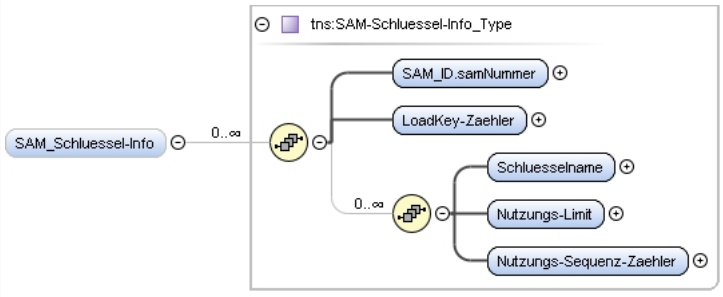
Element tns:TXLESKEY_Type / tns:SAM_DATA

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

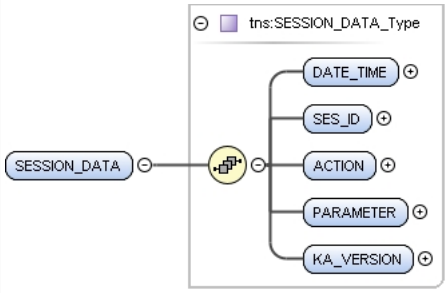
Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:STATUS_DATA_Type
Properties	content: complex
Source	<xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

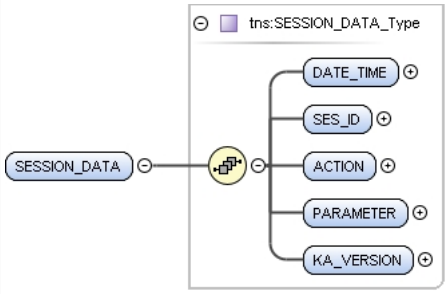
Element tns:TXAUFTRAG_Type / tns:SESSION_DATA

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

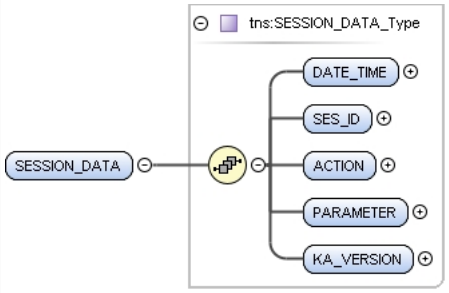
Namespace	http://vdv/ka/pe/2
Diagram	

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

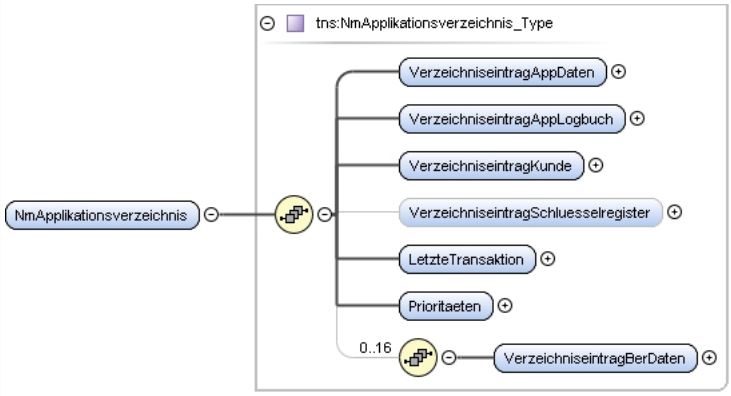
Element tns:TXANTWORT_Type / tns:SUB_SES_ID

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

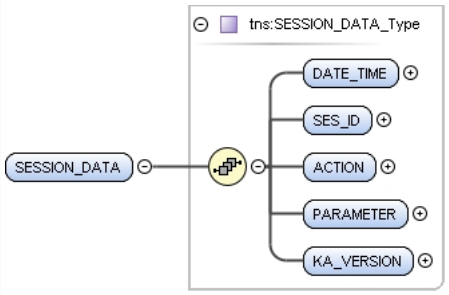
Element tns:TXANTWORT_Type / tns:NmApplikationsverzeichnis

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	`<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

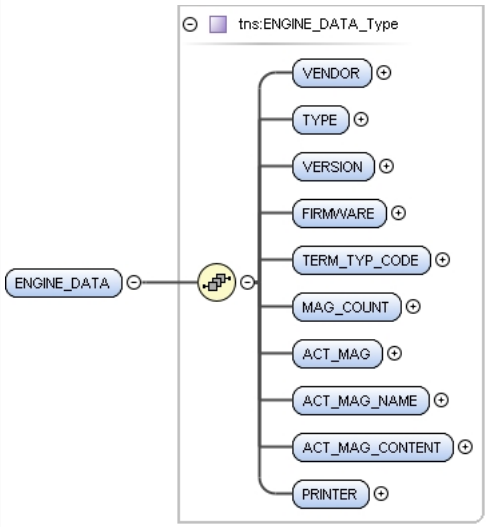
Element `tns:ERROR_Type / tns:SESSION_DATA`

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

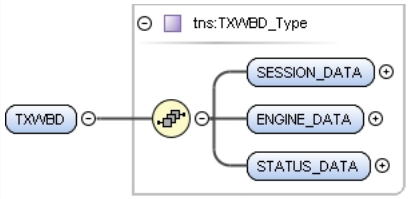
Instance	`<tns:ENGINE_DATA xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:VENDOR>{1,1}</tns:VENDOR>`
	`  <tns:TYPE>{1,1}</tns:TYPE>`
	`  <tns:VERSION>{1,1}</tns:VERSION>`
	`  <tns:FIRMWARE>{1,1}</tns:FIRMWARE>`
	`  <tns:TERM_TYP_CODE>{1,1}</tns:TERM_TYP_CODE>`

	<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

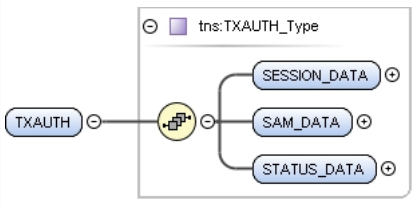
Element tns:ERROR_Type / tns:STATUS_DATA

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

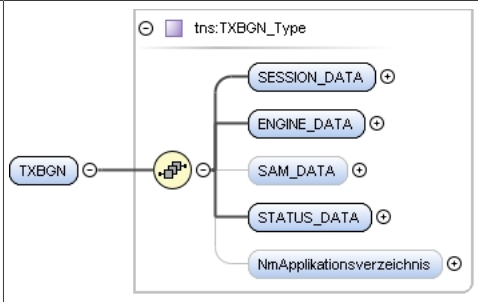
Namespace	http://vdv/ka/pe/2
Annotations	Element: Wer bist Du (Abfrage von Informationen)
Diagram	
Type	tns:TXWBD_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXWBD xmlns:tns="http://vdv/ka/pe/2">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

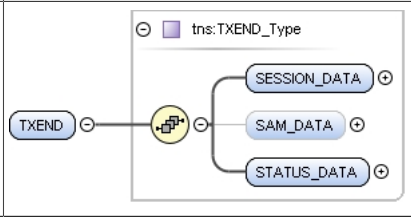
Namespace	http://vdv/ka/pe/2
Annotations	Element: Authentisierung
Diagram	

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

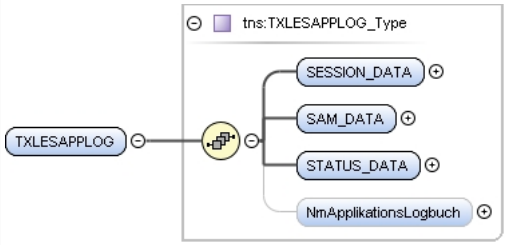
Namespace	http://vdv/ka/pe/2
Annotations	Element: Beginn einer Session
Diagram	
Type	tns:TXBGN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:NmApplikationsverzeichnis{0,1}
Children	tns:ENGINE_DATA, tns:NmApplikationsverzeichnis, 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

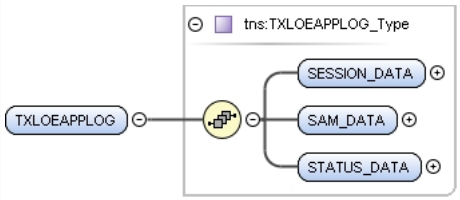
Namespace	http://vdv/ka/pe/2
Annotations	Element:Ende einer Session
Diagram	

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

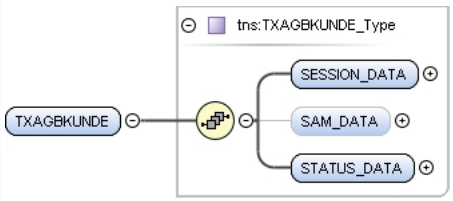
Namespace	http://vdv/ka/pe/2
Annotations	Element:Applikationslogbuch lesen
Diagram	
Type	tns:TXLESAPPLOG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmApplikationsLogbuch{0,1}
Children	tns:NmApplikationsLogbuch, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
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

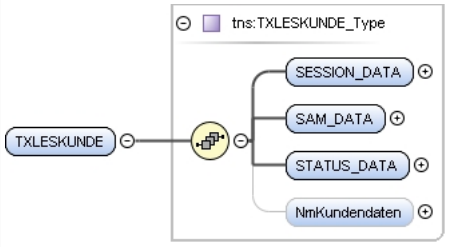
Namespace	http://vdv/ka/pe/2
Annotations	Element:Applikationslogbuch loeschen
Diagram	
Type	tns:TXLOEAPPLOG_Type
Properties	content: complex

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

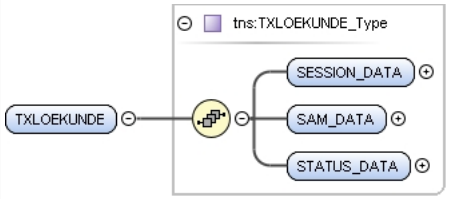
Namespace	http://vdv/ka/pe/2
Annotations	Element:Kundendaten ausgeben
Diagram	
Type	tns:TXAGBKUNDE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAGBKUNDE xmlns:tns="http://vdv/ka/pe/2"> <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

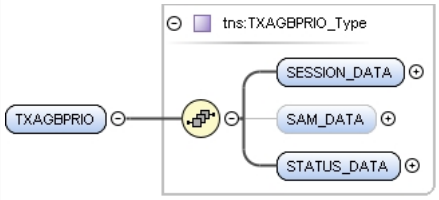
Namespace	http://vdv/ka/pe/2
Annotations	Element:Kundendaten lesen
Diagram	
Type	tns:TXLESKUNDE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmKundendaten{0,1}
Children	tns:NmKundendaten, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXLESKUNDE 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

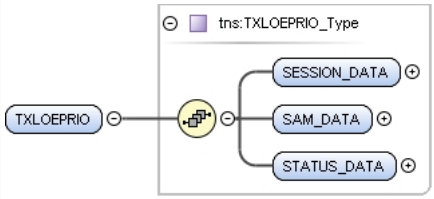
Namespace	http://vdv/ka/pe/2
Annotations	Element:Kundendaten loeschen
Diagram	
Type	tns:TXLOEKUNDE_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXLOEKUNDE xmlns:tns="http://vdv/ka/pe/2"> <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

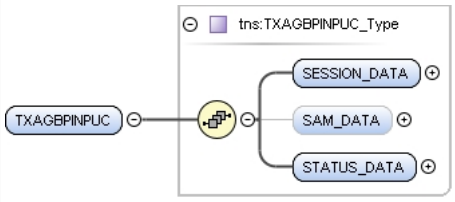
Namespace	http://vdv/ka/pe/2
Annotations	Element:Prioritaeten setzen
Diagram	
Type	tns:TXAGBPRIO_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXAGBPRIO xmlns:tns="http://vdv/ka/pe/2"> <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

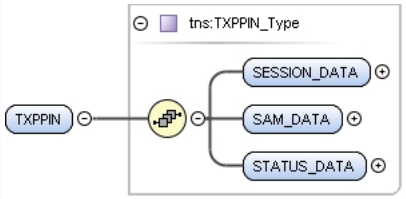
Element tns:TXLOEPRIO

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

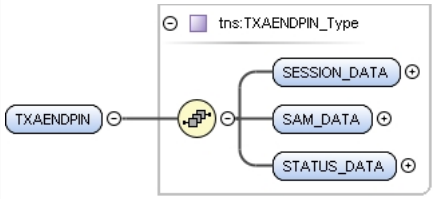
Element tns:TXAGBPINPUC

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

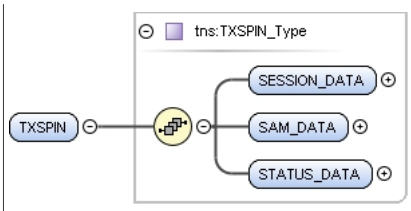
Namespace	http://vdv/ka/pe/2
Annotations	Element: PIN pruefen
Diagram	
Type	tns:TXPPIN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXPPIN xmlns:tns="http://vdv/ka/pe/2"> <tns:SESSION_DATA>{1,1}</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

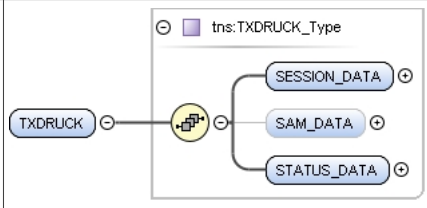
Diagram	
Type	tns:TXSPIN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

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

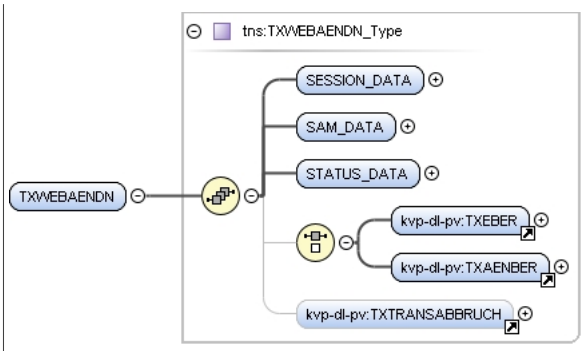
Instance	`<tns:TXDRUCK xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:SAM_DATA>{0,1}</tns:SAM_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`</tns:TXDRUCK>`

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

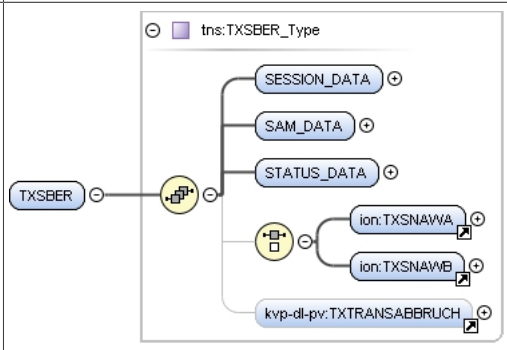
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXWEBAENDN

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

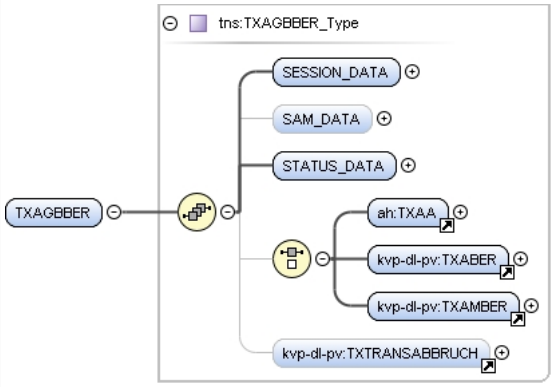
Diagram	
Type	tns:TXWEBAENDN_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXEBER | tns:TXAENBER) , tns:TXTRANSAB-BRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAENBER, tns:TXEBER, tns:TXTRANSABBRUCH
Instance	<tns:TXWEBAENDN 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:TXTRANSAB-BRUCH{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">

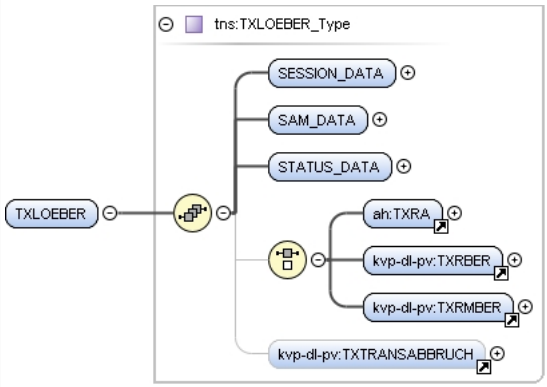
	<xs:annotation> <xs:documentation>Element: Berechtigung sperren/entsperren</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Element tns:TXAGBBER

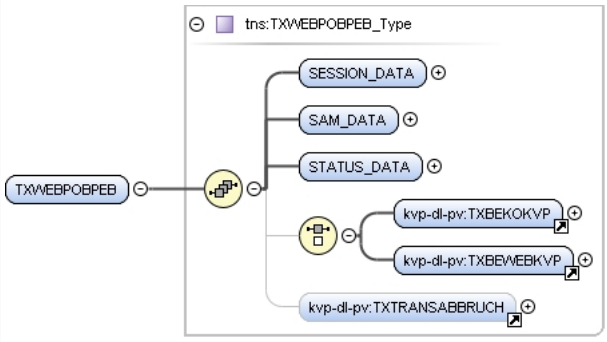
Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung ausgeben
Diagram	
Type	tns:TXAGBBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , (ah:TXAA | tns:TXABER | tns:TXAMBER) , tns:TXTRANSABBRUCH{0,1}
Children	ah:TXAA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXABER, tns:TXAMBER, tns:TXTRANSABBRUCH
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

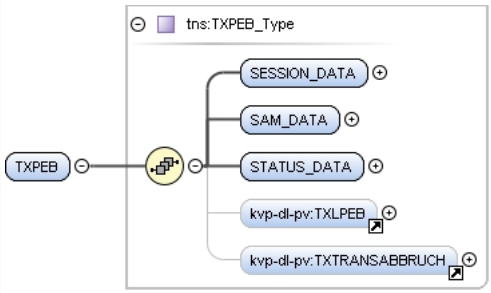
Diagram	
Type	tns:TXLOEBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXRA | tns:TXRBER | tns:TXRMBER) , tns:TXTRANSAB-BRUCH{0,1}
Children	ah:TXRA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXRBER, tns:TXRMBER, tns:TXTRANSAB-BRUCH
Instance	<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

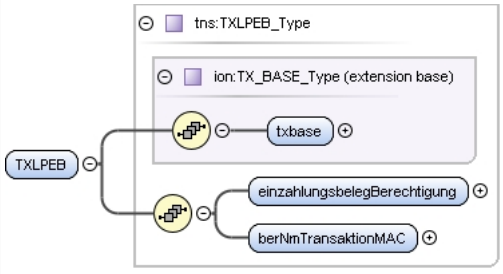
Namespace	http://vdv/ka/pe/2
Annotations	Element: WEB/POB/PEB-Konto aufbuchen/abbuchen. Deprecated: Bitte TXBEWEB und TXBEPOBPEB aus der Erweiterung 1.7.0 verwenden. Dieses Element wird mit KA Release 3.0 entfernt.
Diagram	
Type	tns:TXWEBPOBPEB_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXBEKOKVP | tns:TXBEWEBKVP) , tns:TXTRANSAB-BRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEKOKVP, tns:TXBEWEBKVP, tns:TXTRANSAB-BRUCH
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

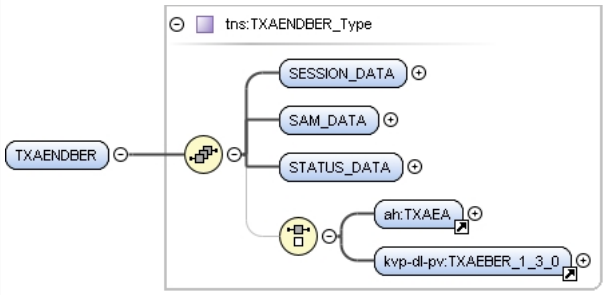
Namespace	http://vdv/ka/pe/2
Annotations	Element: PEB-Konto aufladen
Diagram	
Type	tns:TXPEB_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXLPEB{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXLPEB, tns:TXTRANSABBRUCH
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

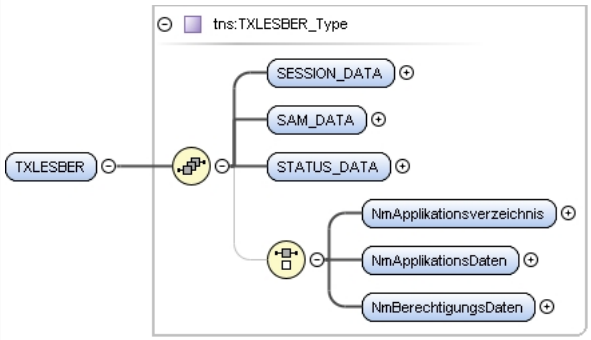
Type hierarchy	• tns:TX_BASE_Type • tns:TXLPEB_Type
Properties	content: complex
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase
Instance	<tns:TXLPEB xmlns:tns="http://vdv/ka/pe/2"> <txbase>{1,1}</txbase> <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

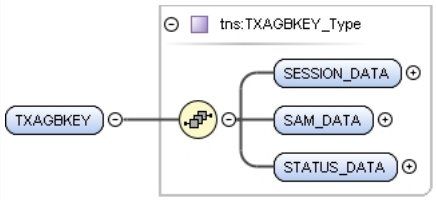
Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung aendern
Diagram	
Type	tns:TXAENDBER_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXAEA | tns:TXAEBER_1_3_0)
Children	ah:TXAEA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXAEBER_1_3_0
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

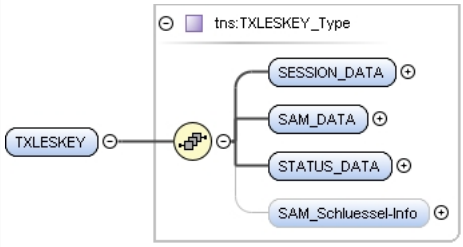
Namespace	http://vdv/ka/pe/2
Annotations	Element: Berechtigung auslesen

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

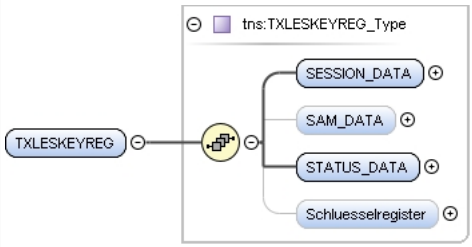
Element tns:TXAGBKEY

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

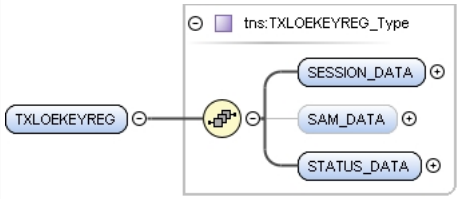
Element tns:TXLESKEY

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

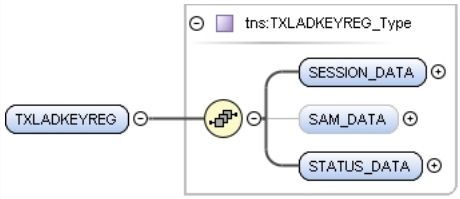
Element tns:TXLESKEYREG

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

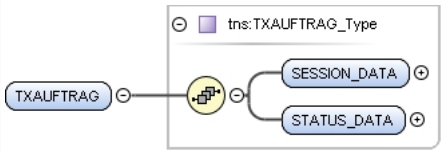
Namespace	http://vdv/ka/pe/2
Annotations	Element: Schluessel oder Schlüsselregister löschen
Diagram	
Type	tns:TXLOEKEYREG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Instance	<tns:TXLOEKEYREG xmlns:tns="http://vdv/ka/pe/2"> <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

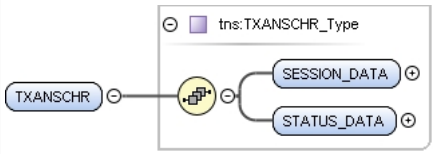
Diagram	
Type	tns:TXAUFTRAG_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:STATUS_DATA
Children	tns:SESSION_DATA, tns:STATUS_DATA

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

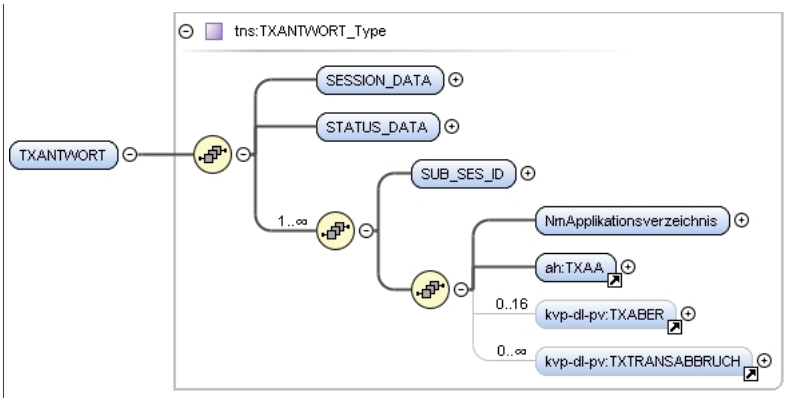
Instance	`<tns:TXANSCHR xmlns:tns="http://vdv/ka/pe/2">`
	`  <tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`  <tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`</tns:TXANSCHR>`

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

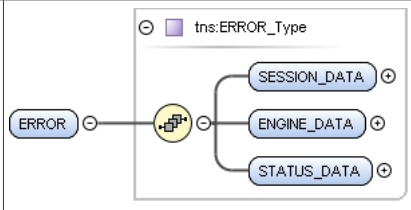
Diagram	
Type	tns:TXANTWORT_Type
Properties	content: complex
Model	tns:SESSION_DATA , tns:STATUS_DATA , tns:SUB_SES_ID , tns:NmApplikationsverzeichnis , ah:TXAA , tns:TXABER{0,16} , tns:TXTRANSABBRUCH*
Children	ah:TXAA, tns:NmApplikationsverzeichnis, tns:SESSION_DATA, tns:STATUS_DATA, tns:SUB_SES_ID, 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

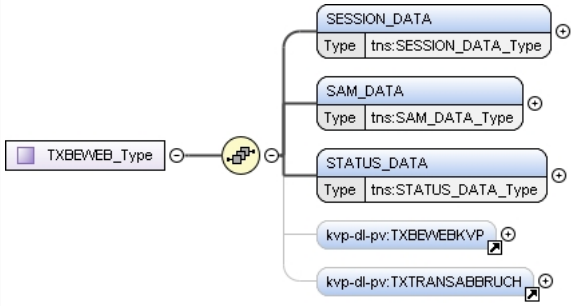
Instance	`<tns:ERROR xmlns:tns="http://vdv/ka/pe/2">`
	`<tns:SESSION_DATA>{1,1}</tns:SESSION_DATA>`
	`<tns:ENGINE_DATA>{1,1}</tns:ENGINE_DATA>`
	`<tns:STATUS_DATA>{1,1}</tns:STATUS_DATA>`
	`</tns:ERROR>`

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

Complex Type(s)

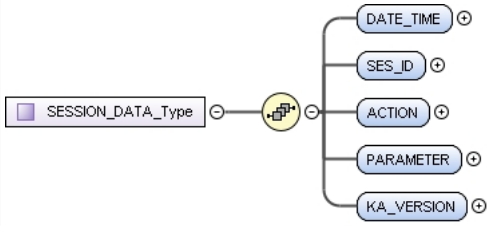
Complex Type `tns:TXBEWEB_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Typ: WEB-Konto aufbuchen/abbuchen`
Diagram	
Used by	Element tns:TXBEWEB
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXBEWEBKVP{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEWEBKVP, tns:TXTRANSABBRUCH

Source	<pre><xs:complexType name="TXBEWEB_Type">
	  <xs:annotation>
	  <xs:documentation>Typ: WEB-Konto aufbuchen/abbuchen</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:TXBEWEBKVP" minOccurs="0"/>
	  <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/>
	  </xs:sequence>
	</xs:complexType></pre>

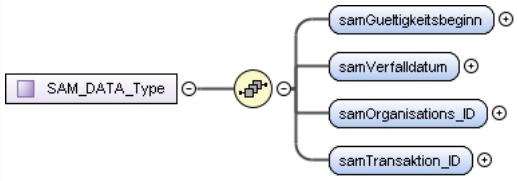
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

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:TXBEPOBPEB_Type/tns:SESSION_DATA, tns:TXBEWEB_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:SAM_DATA_Type`

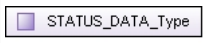
Namespace	http://vdv/ka/pe/2
Annotations	Typ: SAM_DATA aus Spec_PE
Diagram	
Used by	Elements: tns:TXAENDBER_Type/tns:SAM_DATA, tns:TXAENDPIN_Type/tns:SAM_DATA, tns:TXAGBBER_Type/tns:SAM_DATA, tns:TXAGBKEY_Type/tns:SAM_DATA, tns:TXAGBKUNDE_Type/tns:SAM_DATA, tns:TXAGBPINPUC_Type/tns:SAM_DATA, tns:TXAGBPRIO_Type/tns:SAM_DATA, tns:TXAUTH_Type/tns:SAM_DATA, tns:TXBEPOBPEB_Type/tns:SAM_DATA, tns:TXBEWEB_Type/tns:SAM_DATA, tns:TXBGN_Type/tns:SAM_DATA, tns:TXDRUCK_Type/tns:SAM_DATA, tns:TXEND_Type/tns:SAM_DATA, tns:TXLADKEYREG_Type/tns:SAM_DATA, tns:TXLESAPPLOG_Type/tns:SAM_DATA, tns:TXLESBER_Type/tns:SAM_DATA, tns:TXLESKEYREG_Type/tns:SAM_DATA, tns:TXLESKEY_Type/tns:SAM_DATA, tns:TXLESKUNDE_Type/tns:SAM_DATA, tns:TXLOEAPPLOG_Type/tns:SAM_DATA, tns:TXLOEBER_Type/tns:SAM_DATA, tns:TXLOEKEYREG_Type/tns:SAM_DATA, tns:TXLOEKUNDE_Type/tns:SAM_DATA, tns: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_Transaktion_ID_Type`

Namespace	http://vdv/ka/pe/2
Annotations	Typ: SAM Transaktions-ID bestehend aus

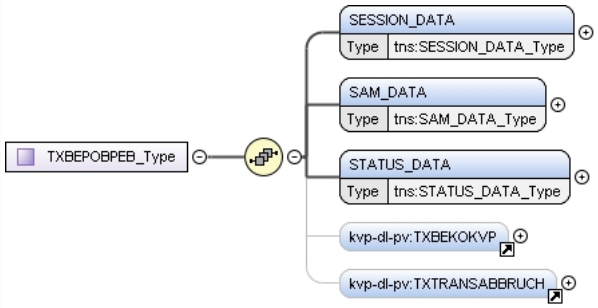
	der SAM Sequenznummer und der laufenden Nummer aus der SAM ID.
Diagram	
Used by	Elements: tns:NmApplikationsdaten_Type/tns:Ausgabetransaktionskennung, tns:NmBerechtigungsdaten_Type/tns:Ausgabetransaktionskennung, tns:SAM_DATA_Type/tns:samTransaktion_ID
Model	tns:samSequenznummer , tns:SAM_ID.samNummer
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:STATUS_DATA_Type

Namespace	http://vdv/ka/pe/2	
Annotations	Abstrakter Typ fuer STATUS_DATA welcher allgemein verwendet wird. In der Nachricht wird automatisch der richtige Typ referenziert	
Diagram		
Properties	abstract:	true
Used by	Elements	tns:ERROR_Type/tns:STATUS_DATA, tns: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:TXBEPOBPEB_Type/tns:STATUS_DATA, tns:TXBEWEB_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
	Complex Types	tns:STATUS_DATA_ApplicationError_Type, tns:STATUS_DATA_EngineError_Type, tns:STATUS_DATA_EntitlementError_Type, tns:STATUS_DATA_MediumError_Type, tns:STATUS_DATA_OK_Type, tns:STATUS_DATA_PrinterError_Type, tns:STATUS_DATA_ServiceOperatorError_Type, tns:STATUS_DATA_SessionError_Type, tns:STATUS_DATA_SoftwareError_Type
Source	<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:TXBEPOBPEB_Type

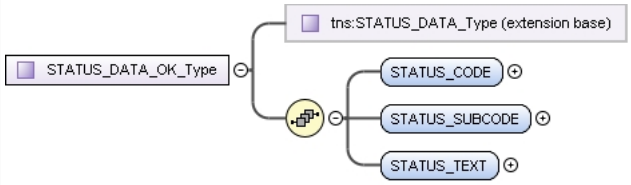
Namespace	http://vdv/ka/pe/2
Annotations	Typ: POB/PEB-Konto aufbuchen/abbuchen

Diagram	
Used by	Element tns:TXBEPOBPEB
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:TXBEKOKVP{0,1} , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXBEKOKVP, tns:TXTRANSABBRUCH

Source	<pre><xs:complexType name="TXBEPOBPEB_Type">
	  <xs:annotation>
	  <xs:documentation>Typ: POB/PEB-Konto aufbuchen/abbuchen</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:TXBEKOKVP" minOccurs="0"/>
	  <xs:element ref="kvp-dl-pv:TXTRANSABBRUCH" minOccurs="0"/>
	  </xs:sequence>
	</xs:complexType></pre>

Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/ext/1.7.0/XML-Schema_PE_ext-1.7.0.xsd

Complex Type `tns:STATUS_DATA_OK_Type`

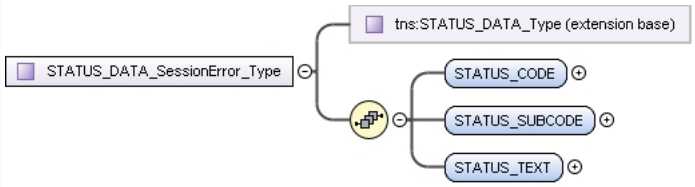
Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Kein Fehler aufgetreten"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_OK_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT

Source	<pre><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></pre>

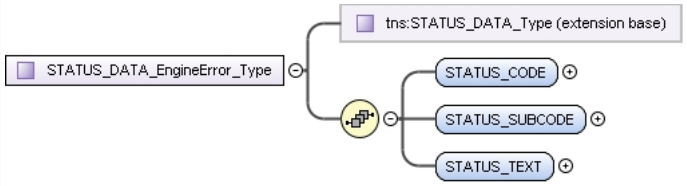
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:STATUS_DATA_SessionError_Type`

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

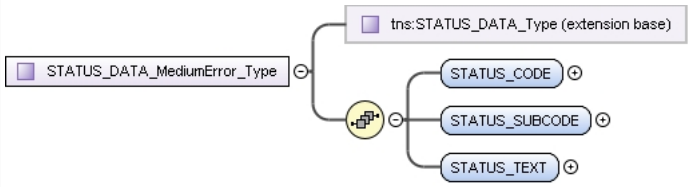
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_SessionError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<xs:complexType name="STATUS_DATA_SessionError_Type"> <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>
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`

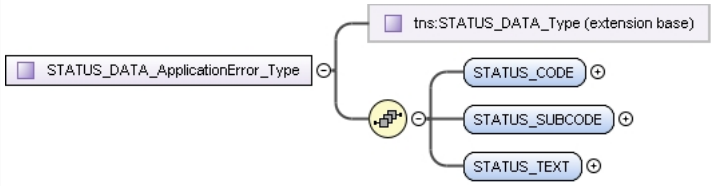
Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Engine Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_EngineError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE,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

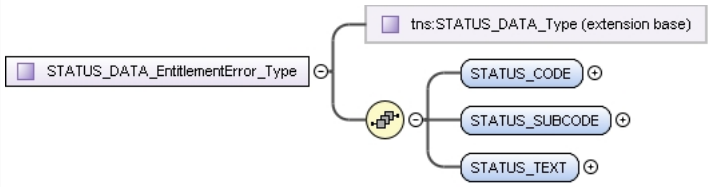
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_MediumError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<xs:complexType name="STATUS_DATA_MediumError_Type"> <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`

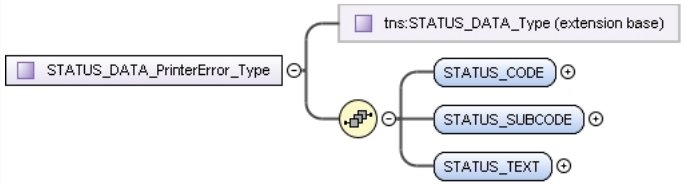
Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Application Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_ApplicationError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE,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

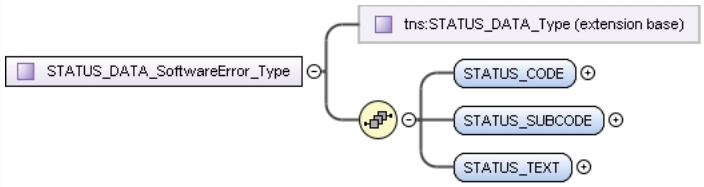
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_EntitlementError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<xs:complexType name="STATUS_DATA_EntitlementError_Type"> <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`

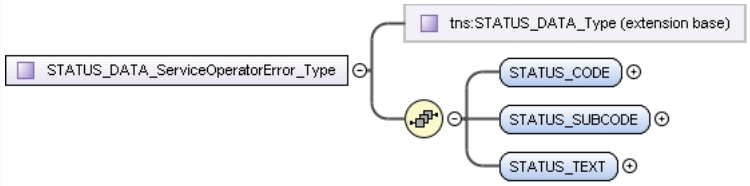
Namespace	http://vdv/ka/pe/2
Annotations	Uebergeordnete Statusdaten fuer "Printer Error"
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_PrinterError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE,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

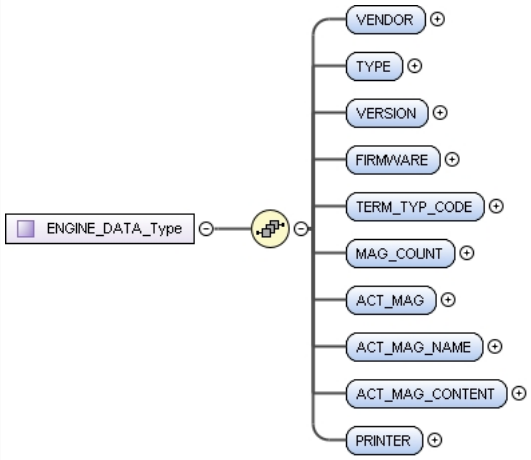
Diagram	
Type	extension of tns:STATUS_DATA_Type
Type hierarchy	• tns:STATUS_DATA_Type • tns:STATUS_DATA_SoftwareError_Type
Model	tns:STATUS_CODE , tns:STATUS_SUBCODE , tns:STATUS_TEXT
Children	tns:STATUS_CODE, tns:STATUS_SUBCODE, tns:STATUS_TEXT
Source	<xs:complexType name="STATUS_DATA_SoftwareError_Type"> <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	<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>
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`

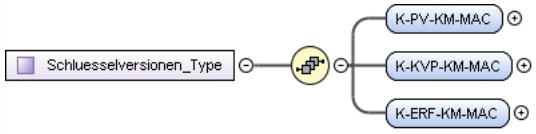
Namespace	http://vdv/ka/pe/2
Annotations	Typ: ENGINE_DATA aus Spec_PE

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

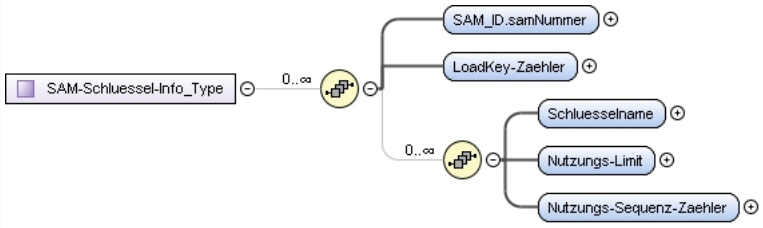
Complex Type `tns:Schluesselversionen_Type`

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-Schluessel-Info_Type`

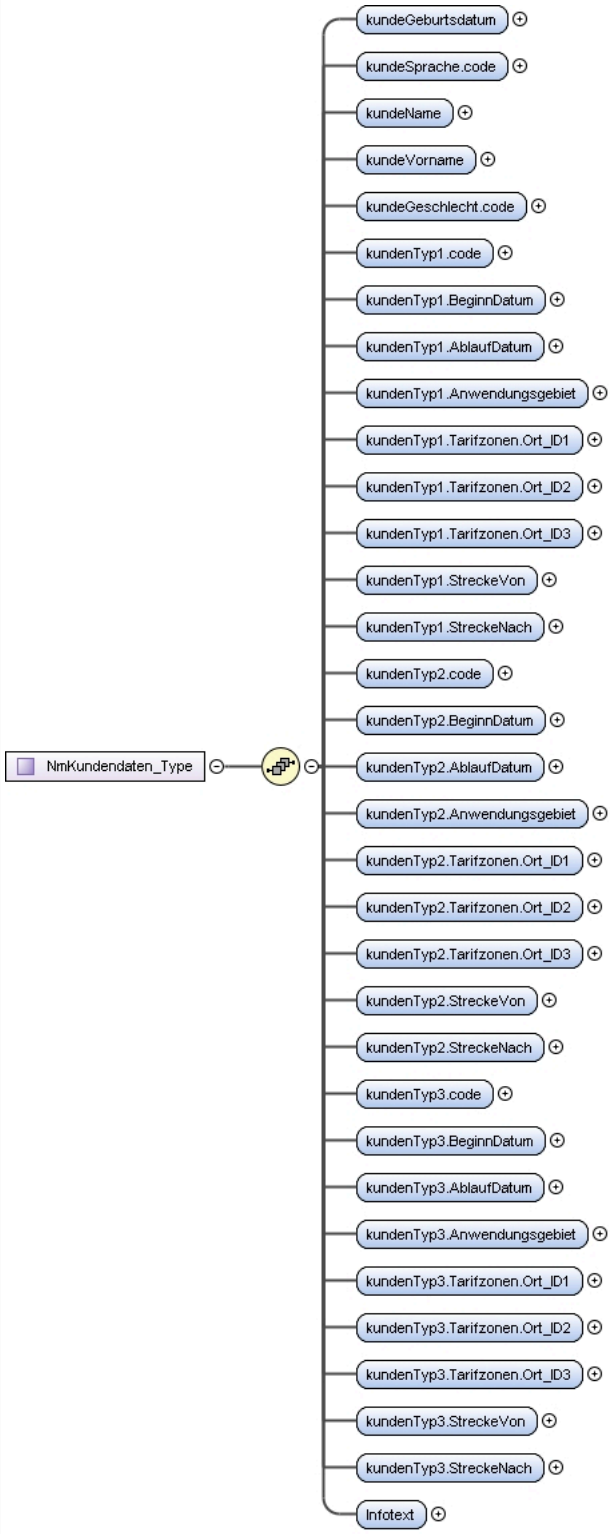
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: SAM-Schluessel-Info`
Diagram	
Used by	Element tns:TXLESKEY_Type/tns:SAM_Schluessel-Info
Model	tns:SAM_ID.samNummer , tns:LoadKey-Zaehler , tns:Schluesselname , tns:Nutzungs-Limit , tns:Nutzungs-Sequenz-Zaehler
Children	tns:LoadKey-Zaehler, tns:Nutzungs-Limit, 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`

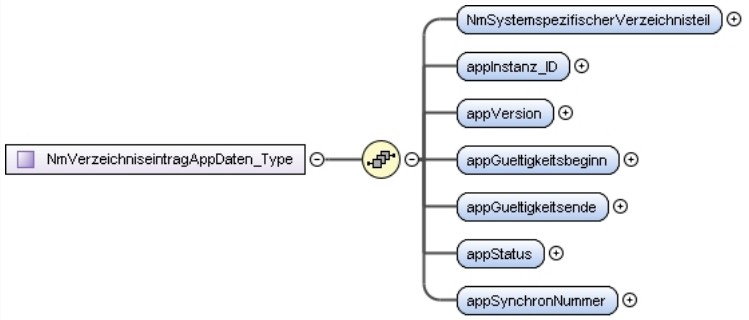
Namespace	http://vdv/ka/pe/2
Annotations	`Typ:NmKundendaten`

Diagram	
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`

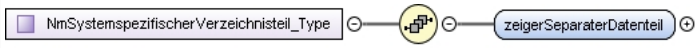
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: NmVerzeichniseintrag Applikationsdaten`

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`

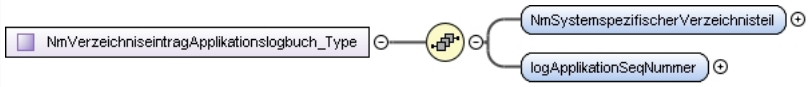
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Systemspezifischer Anteil fuer den Verzeichniseintrag im Schluesselregister`
Diagram	
Used by	Elements tns:NmVerzeichniseintragAppDaten_Type/tns:NmSystemspezifischerVerzeichnisteil, tns:NmVerzeichniseintragApplikationslogbuch_Type/tns:NmSystemspezifischerVerzeichnisteil, 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`

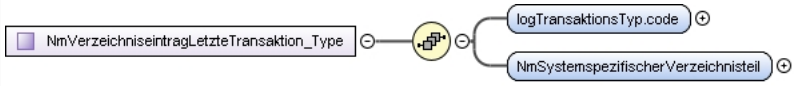
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: NmVerzeichniseintrag Applikationslogbuch`

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

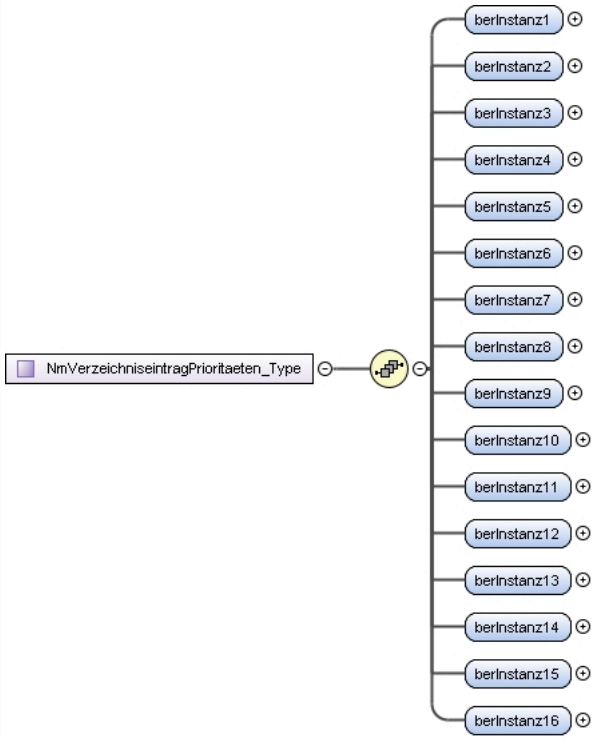
Complex Type `tns:NmVerzeichniseintragKunde_Type`

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`

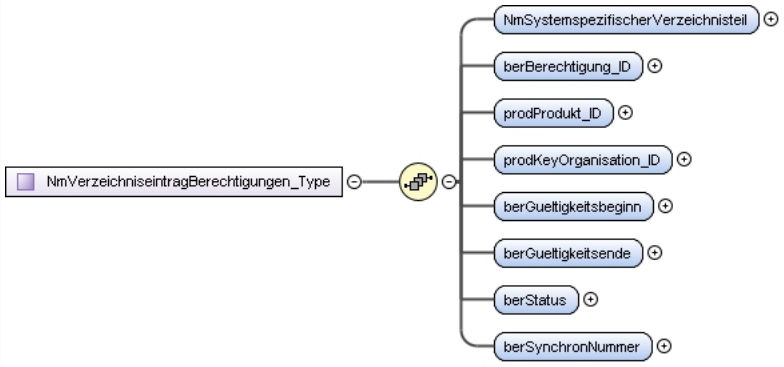
Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmVerzeichniseintrag Letzte Transaktion
Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:LetzteTransaktion
Model	tns:logTransaktionsTyp.code , tns:NmSystemspezifischerVerzeichnisteil
Children	tns:NmSystemspezifischerVerzeichnisteil, tns:logTransaktionsTyp.code
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

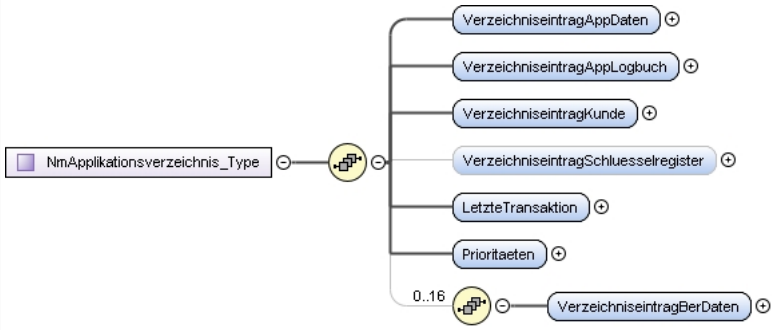
Namespace	http://vdv/ka/pe/2
Annotations	Typ: NmVerzeichniseintrag Prioritaeten
Diagram	
Used by	Element tns:NmApplikationsverzeichnis_Type/tns:Prioritaeten
Model	tns:berInstanz1 , tns:berInstanz2 , tns:berInstanz3 , tns:berInstanz4 , tns:berInstanz5 , tns:berInstanz6 , tns:berInstanz7 , tns:berInstanz8 , 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

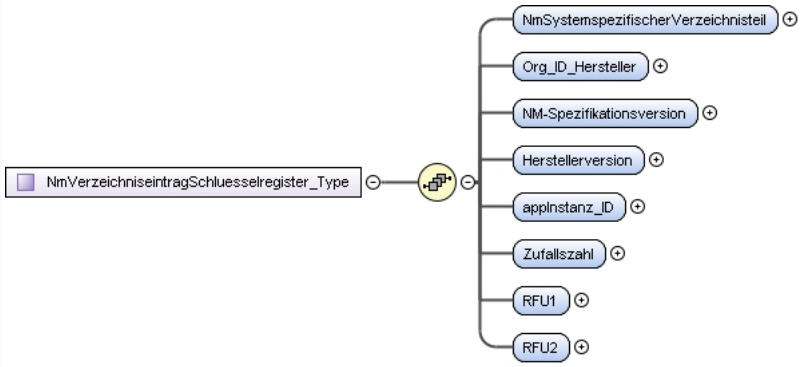
Complex Type `tns:NmApplikationsverzeichnis_Type`

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>`

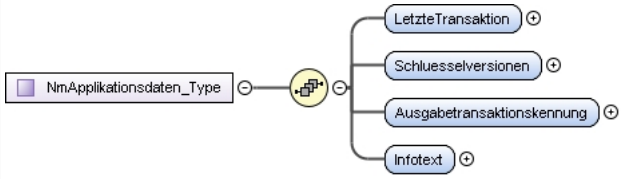
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:NmApplikationslogbuch_Type`

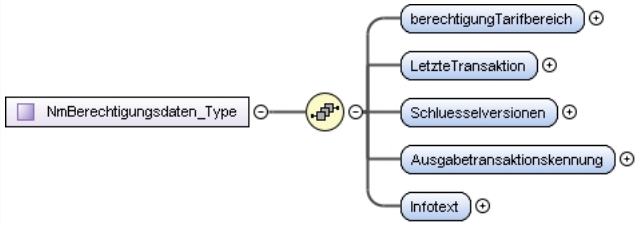
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: NmApplikationslogbuch Daten`
Diagram	
Used by	Element tns:TXLESAPPLOG_Type/tns:NmApplikationsLogbuch
Model	tns:Transaktionsdatensatz
Children	tns:Transaktionsdatensatz

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

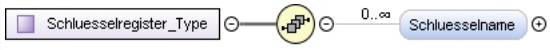
Complex Type `tns:NmBerechtigungsdaten_Type`

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

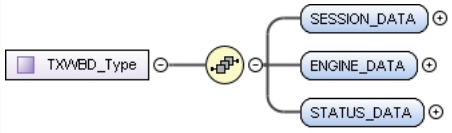
Complex Type `tns:Schluesselregister_Type`

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`

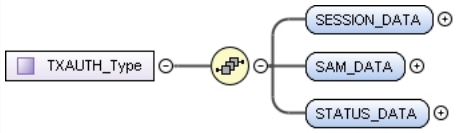
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Wer bist Du (Abfrage von Informationen)`
Diagram	
Used by	Element tns:TXWBD
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA

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>`

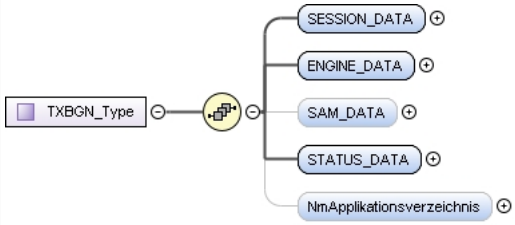
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

Complex Type `tns:TXAUTH_Type`

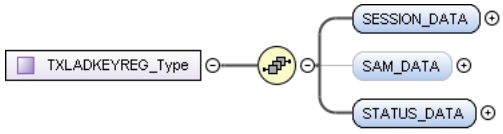
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Authentisierung`

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`

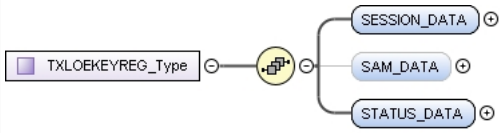
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Beginn einer Session
Diagram	
Used by	Element tns:TXBGN
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA , tns:NmApplikationsverzeichnis{0,1}
Children	tns:ENGINE_DATA, tns:NmApplikationsverzeichnis, tns:SAM_DATA, tns:SESSION_DATA, 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`

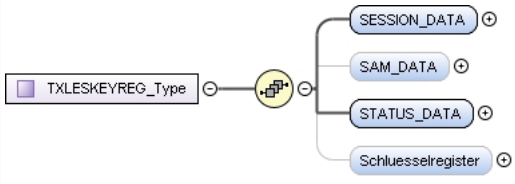
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Schluessel in Schluesselregister laden
Diagram	
Used by	Element tns:TXLADKEYREG
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

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

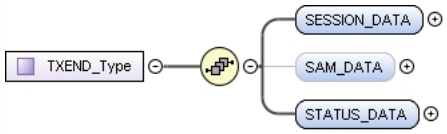
Complex Type tns:TXLOEKEYREG_Type

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

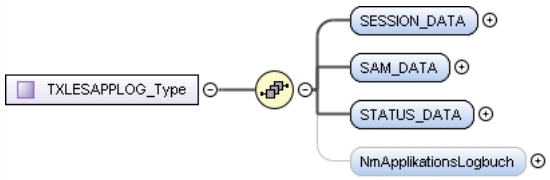
Complex Type tns:TXLESKEYREG_Type

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

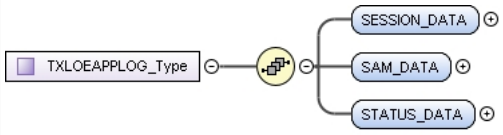
Complex Type tns:TXEND_Type

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

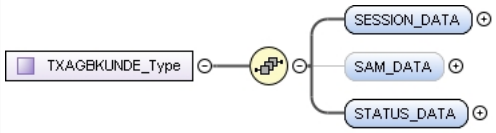
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Applikationslogbuch lesen
Diagram	
Used by	Element tns:TXLESAPPLOG
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , tns:NmApplikationsLogbuch{0,1}
Children	tns:NmApplikationsLogbuch, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType 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

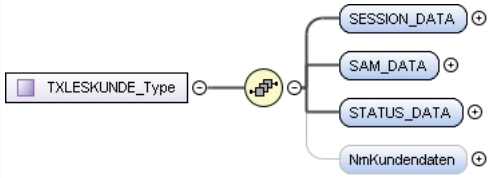
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Applikationslogbuch loeschen
Diagram	
Used by	Element tns:TXLOEAPPLOG
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA

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

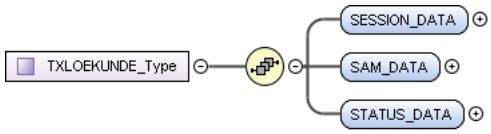
Complex Type tns:TXAGBKUNDE_Type

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

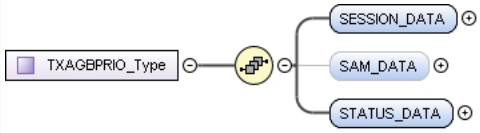
Complex Type tns:TXLESKUNDE_Type

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

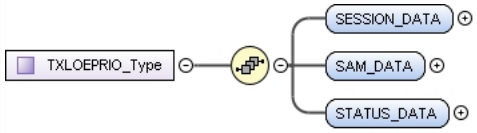
Complex Type tns:TXLOEKUNDE_Type

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

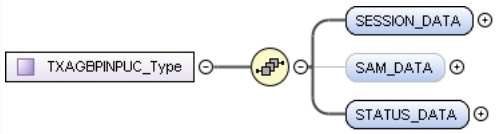
Complex Type tns:TXLOEPRIO_Type

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">

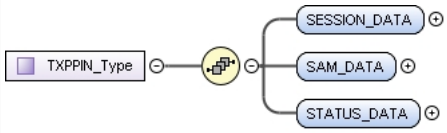
```
  <xs:annotation>
    <xs:documentation>Typ: Prioritaeten loeschen</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
    <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>
    <xs:element name="STATUS_DATA" type="tns:STATUS_DATA_Type"/>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

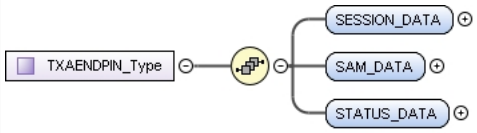
Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN/PUC initialisieren
Diagram	
Used by	Element tns:TXAGBPINPUC
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA
Source	<xs:complexType name="TXAGBPINPUC_Type"> <xs:annotation> <xs:documentation>Typ: 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`

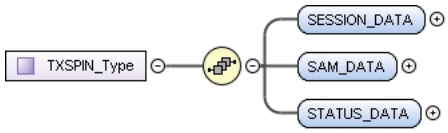
Namespace	http://vdv/ka/pe/2
Annotations	Typ: PIN aendern

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

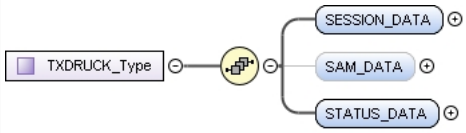
Complex Type `tns:TXSPIN_Type`

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`

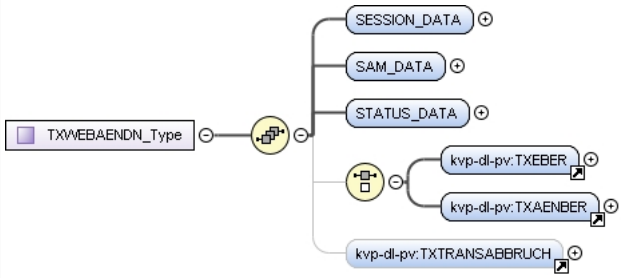
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Nutzermedium bedrucken
Diagram	
Used by	Element tns:TXDRUCK
Model	tns:SESSION_DATA , tns:SAM_DATA{0,1} , tns:STATUS_DATA
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA

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

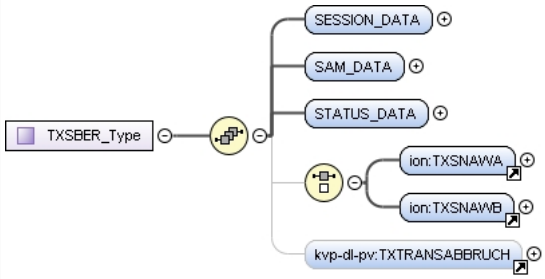
Complex Type `tns:TXWEBAENDN_Type`

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`

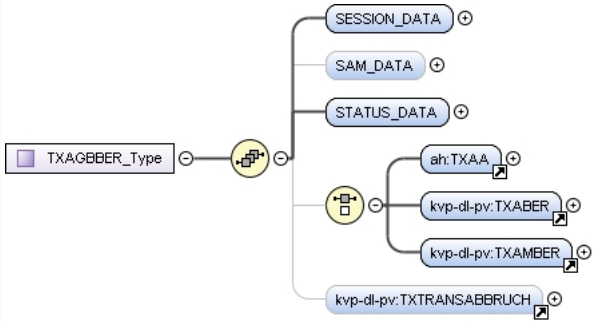
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Berechtigung sperren/entsperren`
Diagram	
Used by	Element tns:TXSBER
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (tns:TXSNAWA | tns:TXSNAWB) , tns:TXTRANSABBRUCH{0,1}
Children	tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXSNAWA, tns:TXSNAWB, 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>
```

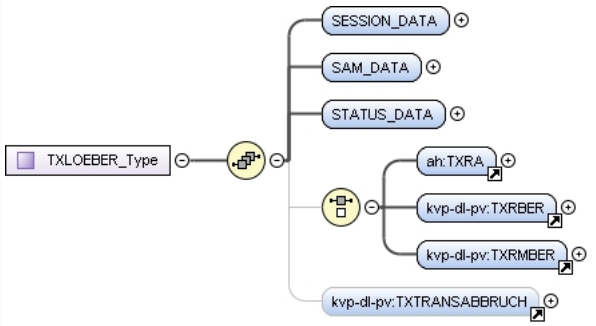
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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:TXTRANSABBRUCH{0,1}
Children	ah:TXAA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXABER, tns:TXAMBER, tns:TXTRANSABBRUCH
Source	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

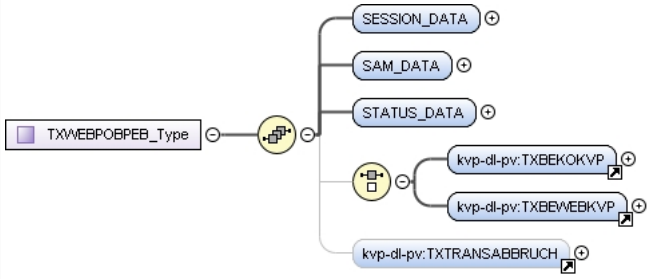

```
<xs:complexType name="TXAGBBER_Type">
  <xs:annotation>
    <xs:documentation>Typ: Berechtigung ausgeben</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>
    <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type" minOccurs="0" 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>
```

Complex Type `tns:TXLOEBER_Type`

Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Berechtigung zuruecknehmen`
Diagram	

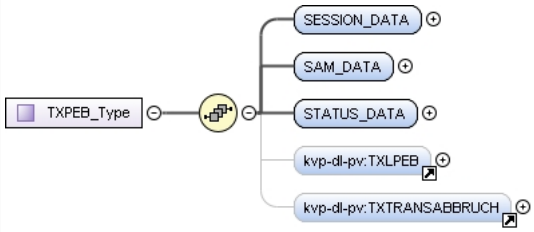
Used by	Element tns:TXLOEBER
Model	tns:SESSION_DATA , tns:SAM_DATA , tns:STATUS_DATA , (ah:TXRA | tns:TXRBER | tns:TXRMBER) , tns:TXTRANSAB-BRUCH{0,1}
Children	ah:TXRA, tns:SAM_DATA, tns:SESSION_DATA, tns:STATUS_DATA, tns:TXRBER, tns:TXRMBER, tns:TXTRANSAB-BRUCH
Source	<xs:complexType name="TXLOEBER_Type"> <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

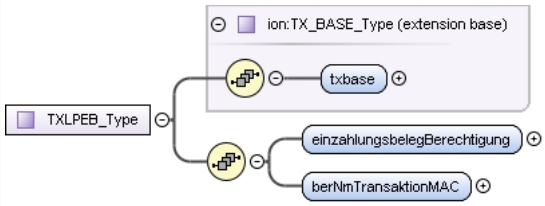
Namespace	http://vdv/ka/pe/2
Annotations	Typ: PEB-Konto aufladen

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`

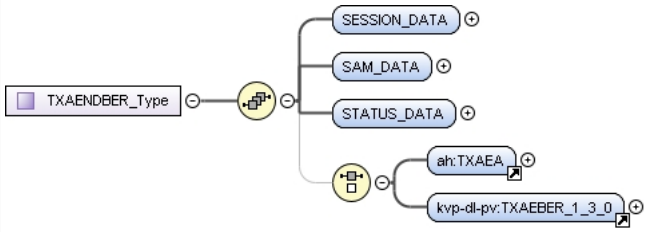
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Laden eines PEB-Kontos, Antwortstruktur`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXLPEB_Type
Used by	Element tns:TXLPEB
Model	txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC,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

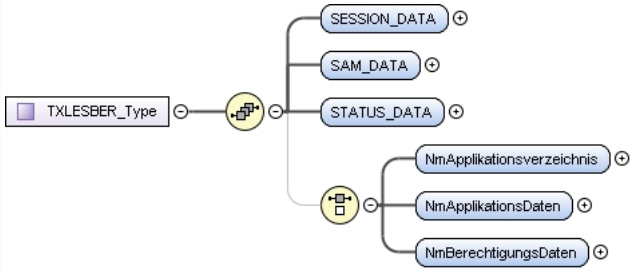
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Berechtigung aendern`

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

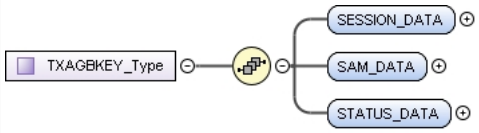
Complex Type `tns:TXLESBER_Type`

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

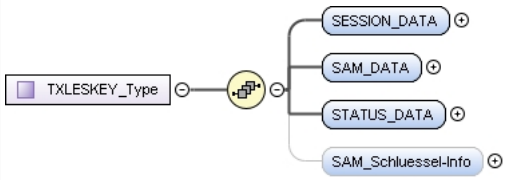
Source	`<xs:complexType name="TXLESBER_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Berechtigung auslesen</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="SESSION_DATA" type="tns:SESSION_DATA_Type"/>`
	`  <xs:element name="SAM_DATA" type="tns:SAM_DATA_Type"/>`
	`  <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>`

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: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

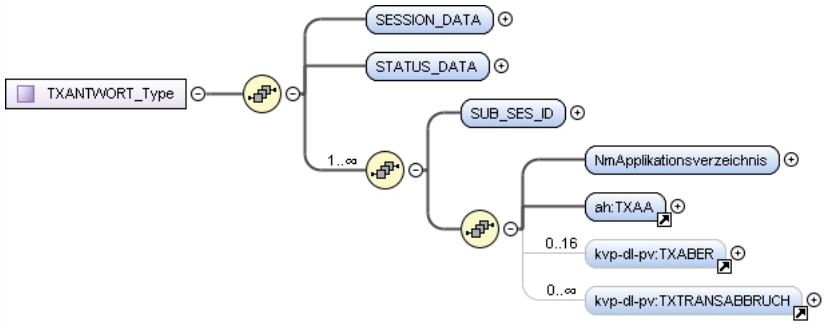
Namespace	http://vdv/ka/pe/2
Annotations	Typ: Auftragsdaten uebermitteln
Diagram	
Used by	Element tns:TXAUFTRAG
Model	tns:SESSION_DATA , tns:STATUS_DATA
Children	tns:SESSION_DATA, tns:STATUS_DATA

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

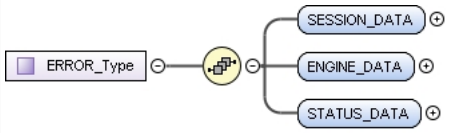
Complex Type tns:TXANTWORT_Type

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`

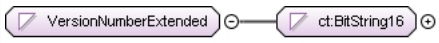
Namespace	http://vdv/ka/pe/2
Annotations	`Typ: Ersatzstruktur zur Fehlerausgabe`
Diagram	
Used by	Element tns:ERROR
Model	tns:SESSION_DATA , tns:ENGINE_DATA , tns:STATUS_DATA
Children	tns:ENGINE_DATA, tns:SESSION_DATA, tns:STATUS_DATA

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

Simple Type(s)

Simple Type `tns:VersionNumberExtended`

Namespace	http://vdv/ka/pe/2
Diagram	
Type	tns:BitString16

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

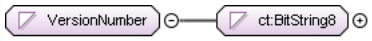
Facets	length 16
	pattern `[0-1][0-1][0-1][0-1][0-1]`
	`[0-1][0-1][0-1][0-1][0-1]`
	`[0-1][0-1][0-1][0-1][0-1]`
	`[0-1]`

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: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

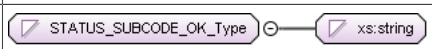
Simple Type `tns:STATUS_CODE_OK_Type`

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`

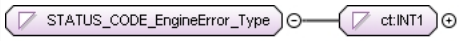
Namespace	http://vdv/ka/pe/2
Annotations	Session Error
Diagram	
Type	restriction of tns:INT1
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:STATUS_CODE_SessionError_Type
Facets	maxInclusive 255 minInclusive 0 enumeration 1
Used by	Element tns:STATUS_DATA_SessionError_Type/tns:STATUS_CODE
Source	<xs:simpleType 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]

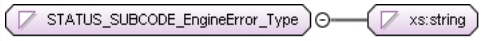
Used by	Element tns:STATUS_DATA_SessionError_Type/tns:STATUS_SUBCODE
Source	<xs:simpleType name="STATUS_SUBCODE_SessionError_Type"> <xs:annotation> <xs:documentation>Subcodes fuer den Statuscode 1</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="4" fixed="true"/> <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`

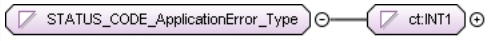
Namespace	http://vdv/ka/pe/2
Annotations	`Subcodes fuer den Statuscode 3`
Diagram	
Type	restriction of xs:string
Facets	length: `4` enumeration: `0000` Sonstiges enumeration: `0001` nicht autorisiert enumeration: `0002` Medium nicht lesbar enumeration: `0003` Keine Applikation auf dem Medium enumeration: `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

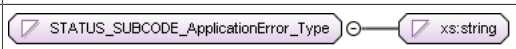
Simple Type `tns:STATUS_CODE_ApplicationError_Type`

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>
```

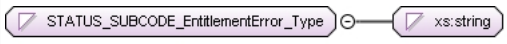
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/pe/2/XML-Schema_PE.xsd

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

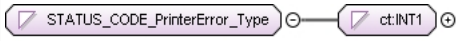
Simple Type tns:STATUS_SUBCODE_EntitlementError_Type

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">	

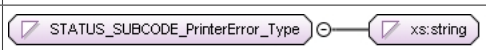
```
      <xs:annotation>
        <xs:documentation>Erforderliche Schluessle nicht vorhanden</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="0004">
      <xs:annotation>
        <xs:documentation>MAC-Fehler</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <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

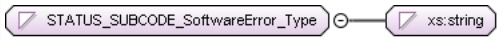
	pattern	[0-9][0-9][0-9][0-9]
Used by	Element	tns:STATUS_DATA_PrinterError_Type/tns:STATUS_SUBCODE
Source	<xs:simpleType name="STATUS_SUBCODE_PrinterError_Type"> <xs:annotation> <xs:documentation>Subcodes fuer den Statuscode 6</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length 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]	

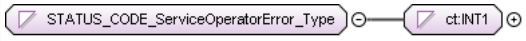
Used by	Element tns:STATUS_DATA_SoftwareError_Type/tns:STATUS_SUBCODE

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

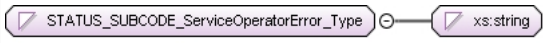
Namespace	http://vdv/ka/pe/2
Annotations	Service Operator Error
Diagram	
Type	restriction of tns:INT1

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

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

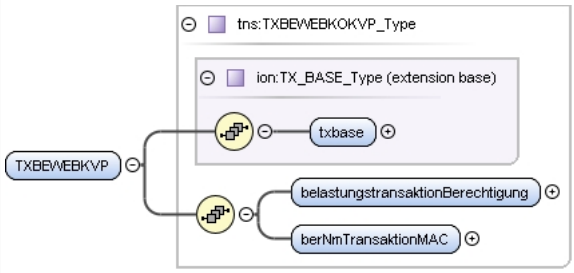
	version:	1.3.0
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd	

Included schema XML-Schema_KVP_DL_PV.xsd

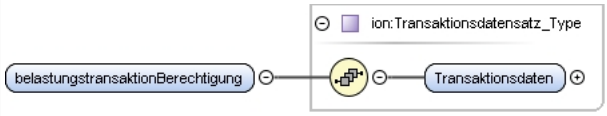
Namespace	http://vdv/ka/kvp-dl-pv/2	
Properties	attribute form default:	unqualified
	element form default:	qualified
	version:	1.13.0
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

Element(s)

Element tns:TXBEWEBKVP

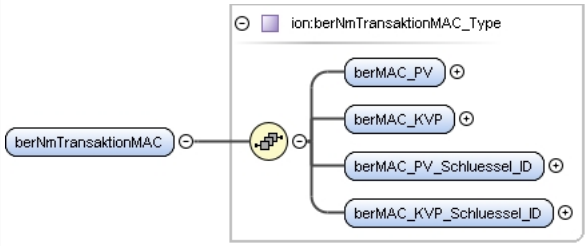
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Belastung WEB durch Kauf eines EFS (analog TXBEKOKVP)
Diagram	
Type	tns:TXBEWEBKOKVP_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXBEWEBKOKVP_Type
Properties	content: complex
Used by	Complex Types: tns:TXBEWEB_Type, tns:TXWEBPOBPEB_Type
Model	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:TXBEWEBKOKVP_Type / tns:belastungstransaktionBerechtigung

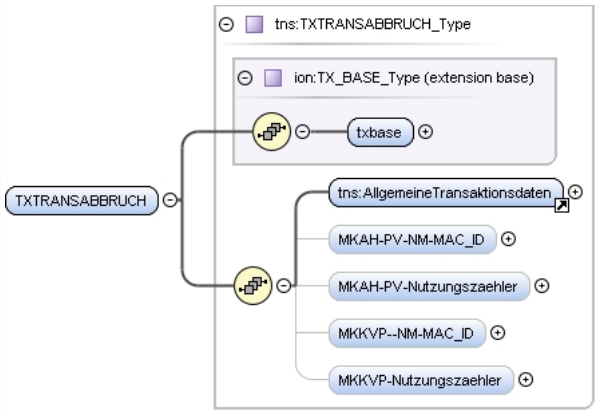
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type

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

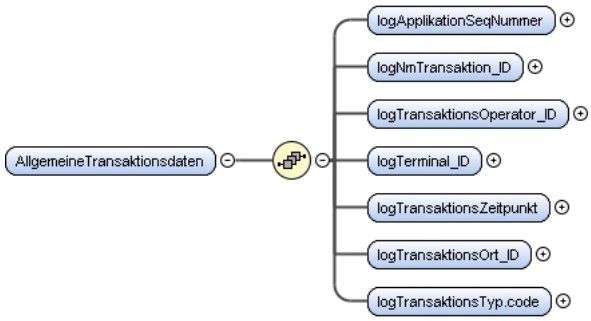
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC 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: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:TXBEPOBPEB_Type, tns:TXBEWE-B_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`

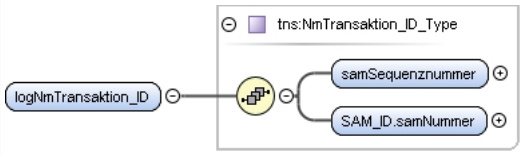
Namespace	http://vdv/ka/kvp-dl-pv/2	
Annotations	Element: AllgemeineTransaktionsdaten	
Diagram		
Properties	content:	complex
Used by	Complex Type	tns:TXTRANSABBRUCH_Type
Model	tns:logApplikationSeqNummer , tns:logNmTransaktion_ID , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:log-TransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logTransaktionsTyp.code	
Children	tns:logApplikationSeqNummer, tns:logNmTransaktion_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransak-tionsOrt_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

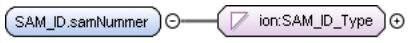
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:NmTransaktion_ID_Type
Properties	content: complex
Model	tns:samSequenznummer , tns:SAM_ID.samNummer
Children	tns:SAM_ID.samNummer, tns:samSequenznummer
Instance	<tns:logNmTransaktion_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:samSequenznummer>{1,1}</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

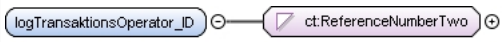
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SequenceNumberFour
Type hierarchy	• xs:unsignedInt • tns:INT4 • tns:SequenceNumberFour
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="samSequenznummer" type="ct:SequenceNumberFour"/>

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

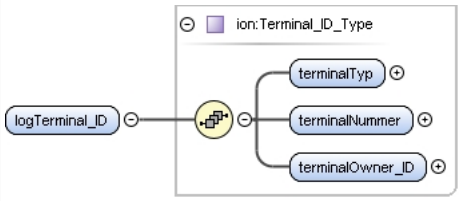
Element `tns:NmTransaktion_ID_Type / tns:SAM_ID.samNummer`

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

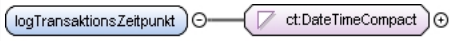
Element `tns:AllgemeineTransaktionsdaten / tns:logTerminal_ID`

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

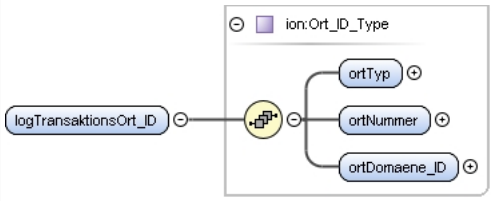
Instance	`<tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<terminalTyp>{1,1}</terminalTyp>`
	`<terminalNummer>{1,1}</terminalNummer>`
	`<terminalOwner_ID>{1,1}</terminalOwner_ID>`

	`</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	

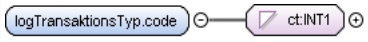
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsOrt_ID

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>`

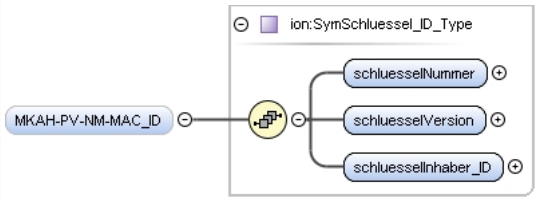
Source	`<xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

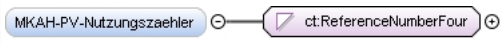
Namespace	http://vdv/ka/kvp-dl-pv/2

Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion

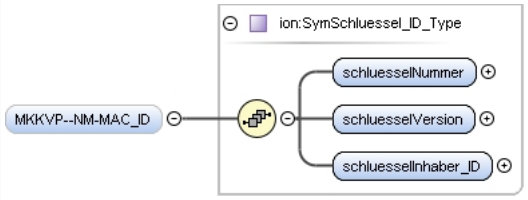
Instance	`<tns:MKAH-PV-NM-MAC_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<schluesselNummer>{1,1}</schluesselNummer>`
	`<schluesselVersion>{1,1}</schluesselVersion>`
	`<schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</tns:MKAH-PV-NM-MAC_ID>`

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

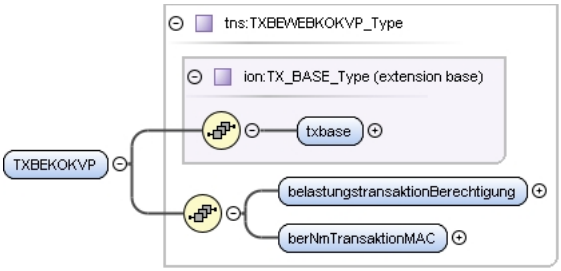
Element tns:TXTRANSABBRUCH_Type / tns:MKKVP-Nutzungszaehler

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ReferenceNumberFour

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

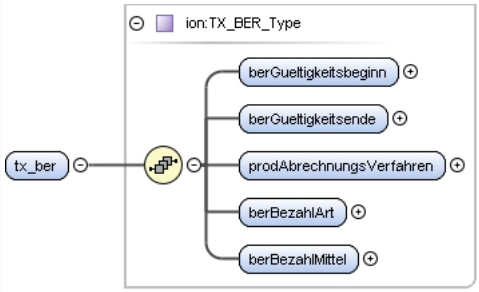
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="MKKVP-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns: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 Types tns:TXBEPOBPEB_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

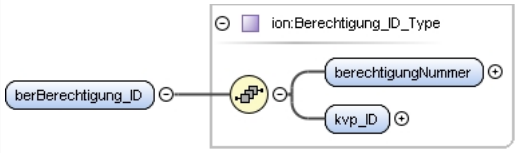
Element tns:TXAEBER_Type_1_3_0 / tns:tx_ber

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

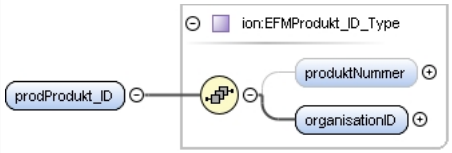
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	xs:hexBinary
Properties	content: simple
Source	<xs:element name="berechtigungTarifbereichDaten" type="xs:hexBinary"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.3.0/XML-Schema_KVP_DL_PV_ext-1.3.0.xsd

Element tns:TXAEBER_Type_1_3_0 / tns:berBerechtigung_ID

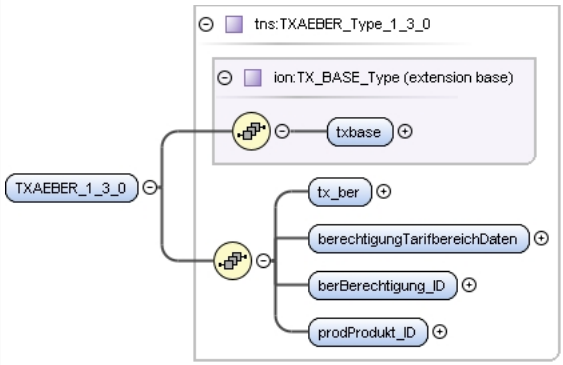
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Berechtigung_ID_Type
Properties	content: complex
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID
Instance	<tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</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:TXAEBER_1_3_0

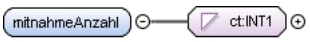
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung einer Berechtigung (nicht moeglich bei EFS). Release 1.3.0. Korrektur: fehlende Berechtigungs-ID und Produkt-ID.
Diagram	
Type	tns:TXAEBER_Type_1_3_0
Type hierarchy	• tns:TX_BASE_Type • tns:TXAEBER_Type_1_3_0
Properties	content: complex
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: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`

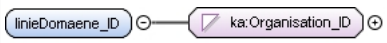
Namespace	http://vdv/ka/kvp-dl-pv/2	
Diagram		
Type	tns:INT1	
Properties	content:	`simple`
Facets	maxInclusive	`255`
	minInclusive	`0`
Source	`<xs:element name="mitnahmeAnzahl" type="ct:INT1"/>`	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd	

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

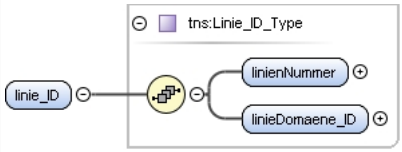
Element tns:Linie_ID_Type / tns:linieDomaene_ID

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

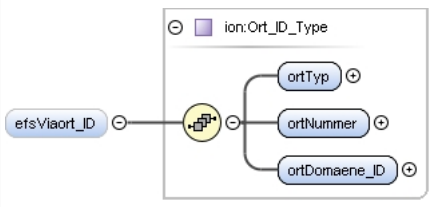
Element tns:Fahrt_ID_Type / tns:fahrtNummer

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

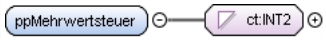
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

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

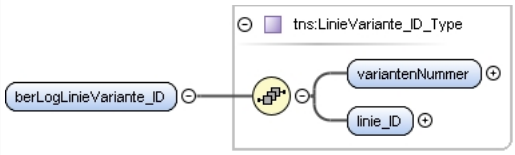
Element tns:TX_PP_Type / tns:ppLeistungsPreis

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

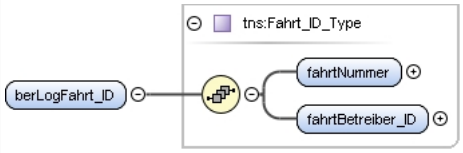
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:INT2
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="ppMehrwertsteuer" type="ct:INT2"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TX_BERLOG_Type / tns:berLogLinieVariante_ID

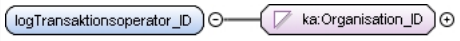
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:LinieVariante_ID_Type
Properties	content: complex
Model	tns:variantenNummer , tns:linie_ID

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

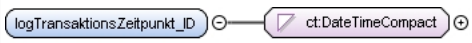
Element tns:TX_BERLOG_Type / tns:berLogFahrt_ID

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

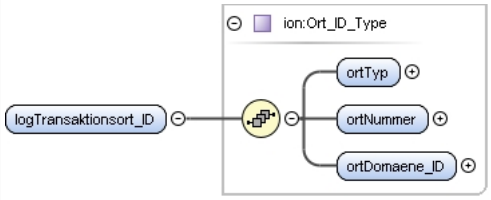
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="logTransaktionsoperator_ID" type="ka:Organisation_ID"/>
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

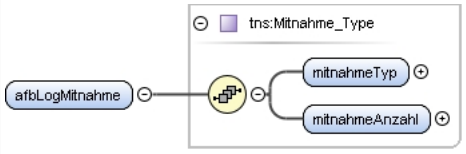
Element tns:TX_AFBLOG_Type / tns:afbLogServiceKlasse

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

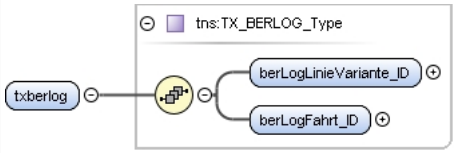
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:OctetString4
Properties	content: simple
Facets	length 4
Source	`<xs:element name="afbLogDynamischerRabattParameter" type="ct:OctetString4"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TX_AFBLOG_Type / tns:afbLogMitnahme

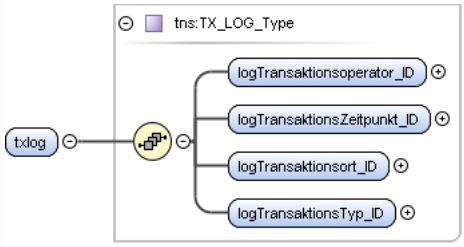
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

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

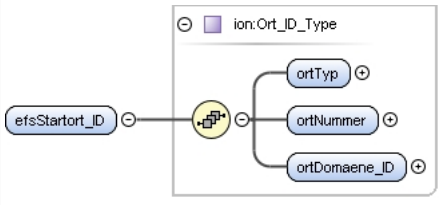
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

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

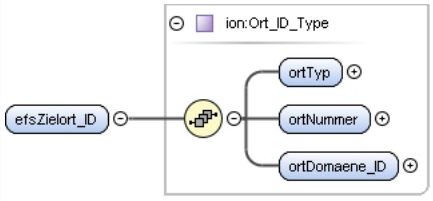
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ServiceKlasseExtra_CODE_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:ServiceKlasseExtra_CODE_Type
Properties	content: simple
Facets	maxInclusive: 255 minInclusive: 0 enumeration: 0 — nicht spezifiziert/unbestimmt enumeration: 1 — Fruehstueck 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

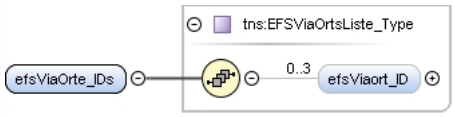
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	`<tns:efsStartort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2">` `  <ortTyp>{1,1}</ortTyp>`

	<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

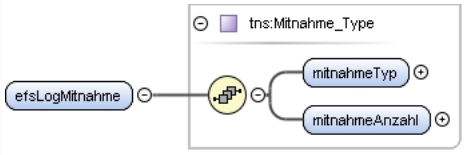
Element tns:TX_EFSLOG_Type / tns:efsZielort_ID

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

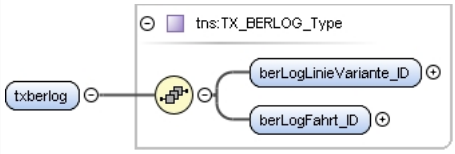
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:EFSViaOrtsListe_Type
Properties	content: complex
Model	tns:efsViaort_ID{0,3}
Children	tns:efsViaort_ID
Instance	<tns:efsViaOrte_IDs xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:efsViaort_ID>{0,3}</tns:efsViaort_ID> </tns:efsViaOrte_IDs>
Source	<xs:element 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

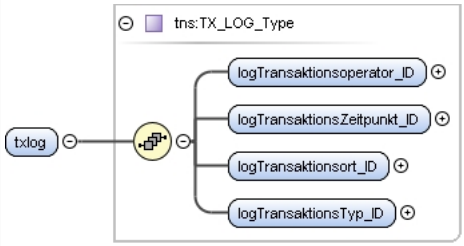
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Mitnahme_Type
Properties	content: complex minOccurs: 1

	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

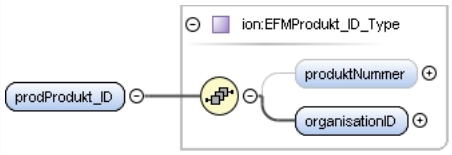
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_LOG_Type
Properties	content: complex
Model	tns:logTransaktionsoperator_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsort_ID , tns:logTransaktionsTyp_ID
Children	tns:logTransaktionsTyp_ID, tns:logTransaktionsZeitpunkt_ID, tns:logTransaktionsoperator_ID, 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: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

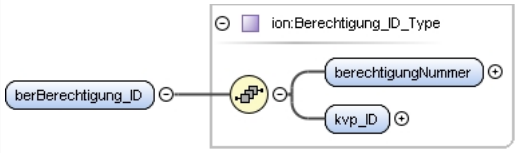
Element tns:TXASBER_Type / tns:prodProdukt_ID

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

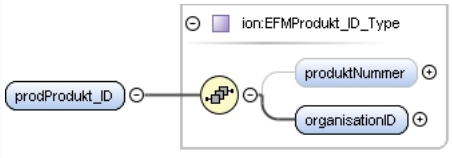
Element tns:TXANLN_Type / tns:prodAbrechnungsVerfahren

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

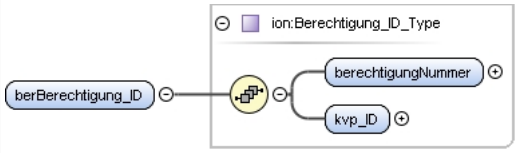
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Bezahlart_CODE_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:Bezahlart_CODE_Type
Properties	content: simple
Facets	maxInclusive: 255 minInclusive: 0
Source	`<xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/>`
Schema location	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

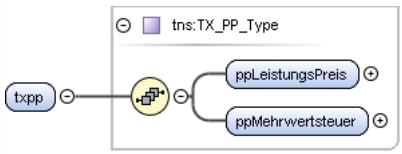
Element tns:TXANLN_Type / tns:berBerechtigung_ID

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

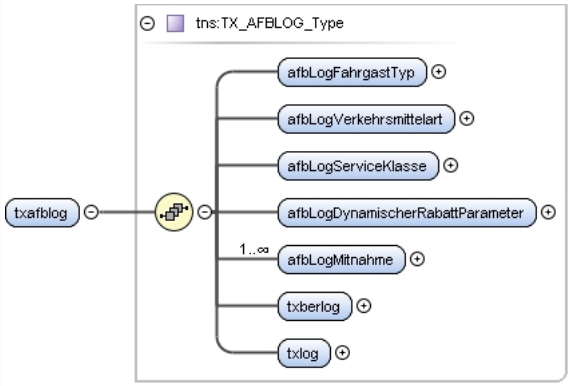
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SelektionKriterien_Type
Type hierarchy	• xs:dateTime • tns:DateTime • tns:SelektionKriterien_Type
Properties	content: simple
Source	<xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/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

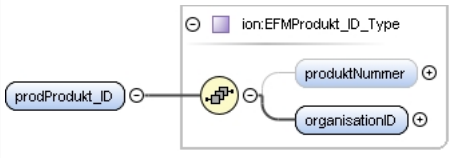
Element tns:TXAUSEFS_Type / tns:berBezahlArt

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Bezahlart_CODE_Type

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

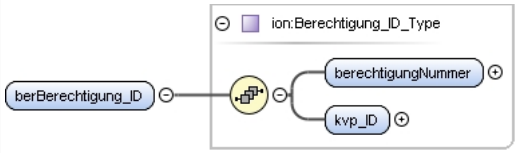
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

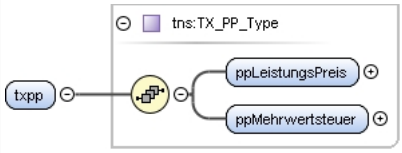
Element tns:TXAUSEFS_Type / tns:berBerechtigung_ID

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

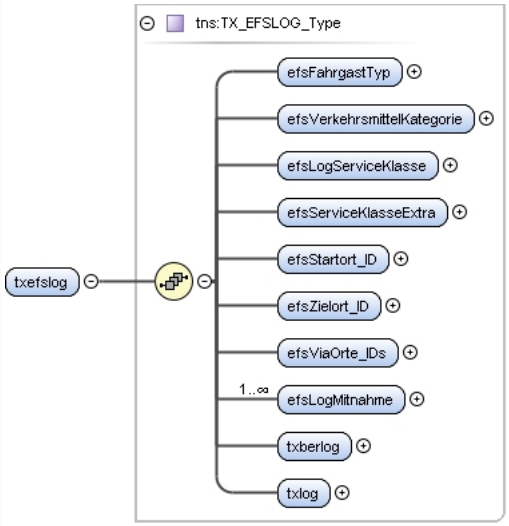
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SelektionKriterien_Type
Type hierarchy	• xs:dateTime • tns:DateTime • tns:SelektionKriterien_Type
Properties	content: simple
Source	<xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/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

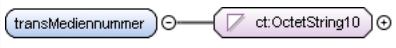
Element `tns:TXAUSEFS_Type / tns:txefslog`

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

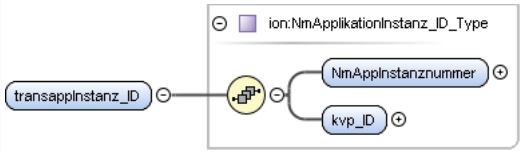
Instance	`<tns:txefslog xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<tns:efsFahrgastTyp>{1,1}</tns:efsFahrgastTyp>`
	`<tns:efsVerkehrsmittelKategorie>{1,1}</tns:efsVerkehrsmittelKategorie>`
	`<tns:efsLogServiceKlasse>{1,1}</tns:efsLogServiceKlasse>`
	`<tns:efsServiceKlasseExtra>{1,1}</tns:efsServiceKlasseExtra>`
	`<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

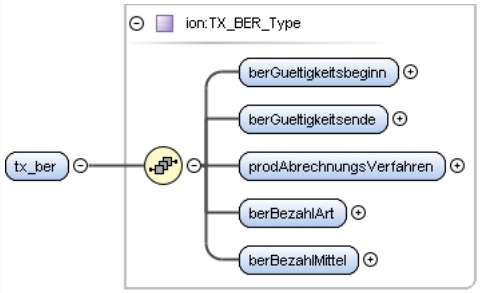
Element `tns:TXADM_Type / tns:transMediennummer`

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

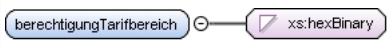
Element tns:TXADM_Type / tns:transappInstanz_ID

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: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

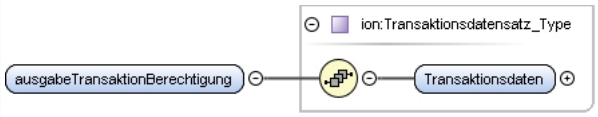
Element tns:TXABER_Type / tns:berechtigungTarifbereich

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

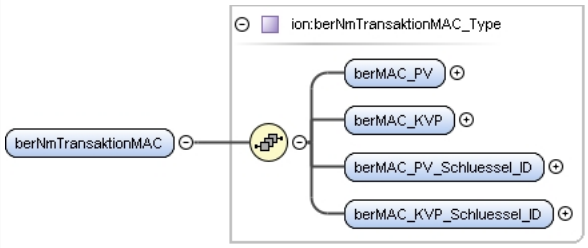
Element tns:TXABER_Type / tns:ausgabeTransaktionBerechtigung

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

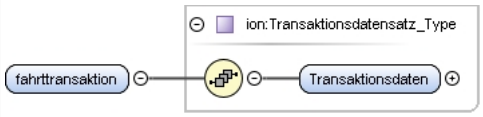
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID

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>`

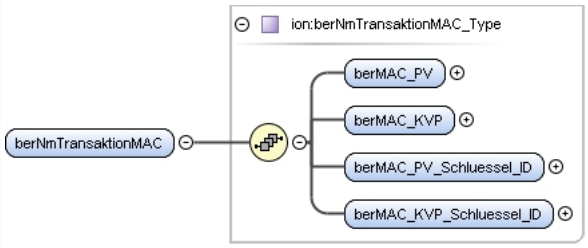
Source	`<xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXEBER_Type / tns:fahrttransaktion

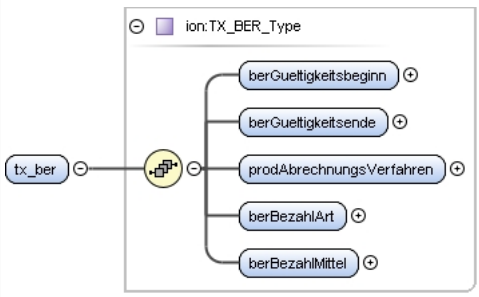
Namespace	http://vdv/ka/kvp-dl-pv/2

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

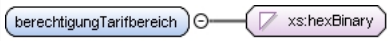
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC 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:TXAEBER_Type / tns:tx_ber

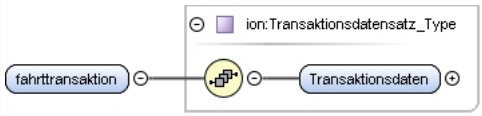
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_BER_Type
Properties	content: complex
Model	berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel
Children	berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren

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

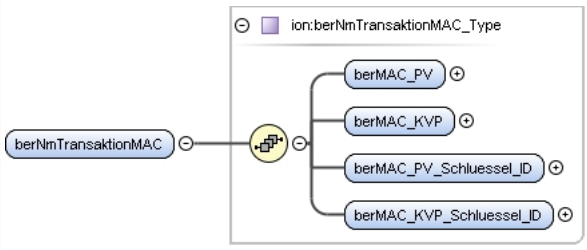
Element tns:TXAEBER_Type / tns:berechtigungTarifbereich

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:TXAENBER_Type / tns:fahrttransaktion

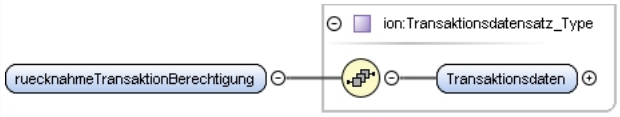
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:fahrttransaktion>
Source	<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

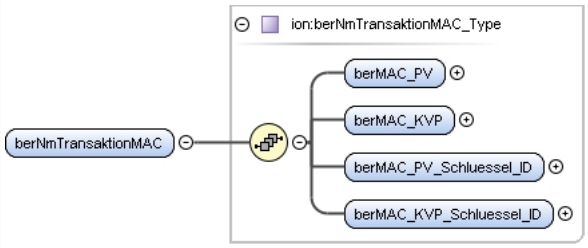
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC 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

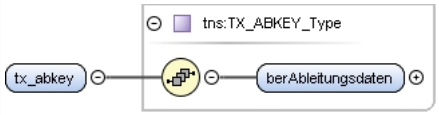
Element tns:TXRBER_Type / tns:ruecknahmeTransaktionBerechtigung

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

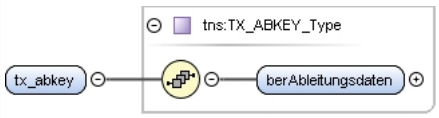
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC 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:TXAMBER_Type / tns:tx_abkey

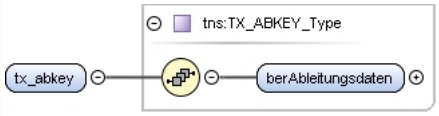
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_ABKEY_Type

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: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:TXRMBER_Type / tns:tx_abkey

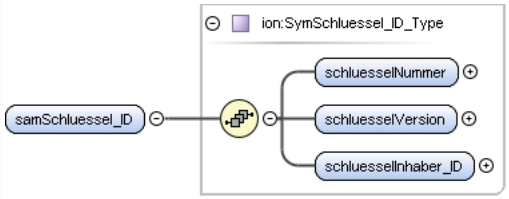
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_ABKEY_Type
Properties	content: complex
Model	tns:berAbleitungsdaten
Children	tns:berAbleitungsdaten
Instance	<tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten> </tns:tx_abkey>
Source	<xs:element 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:TXASKON_Type / tns:samSAM_ID

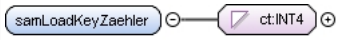
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SAM_ID_Type
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree

	• 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

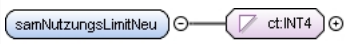
Element tns:TXASKON_Type / tns:samSchluessel_ID

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

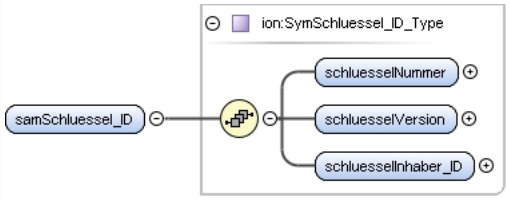
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:INT4
Properties	content: simple
Facets	maxInclusive 4294967295 minInclusive 0
Source	<xs:element name="samNutzungsLimitNeu" type="ct:INT4"/>

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

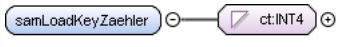
Element tns:TXUEBERKON_Type / tns:samSchluessel_ID

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

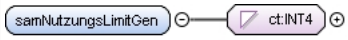
Instance	`<tns:samSchluessel_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <schluesselNummer>{1,1}</schluesselNummer>`
	`  <schluesselVersion>{1,1}</schluesselVersion>`
	`  <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</tns:samSchluessel_ID>`

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

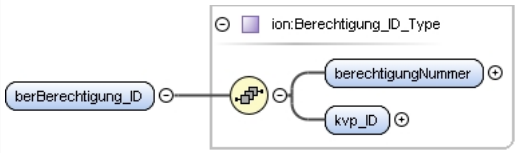
Element tns:TXUEBERKON_Type / tns:samLoadKeyZaehler

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

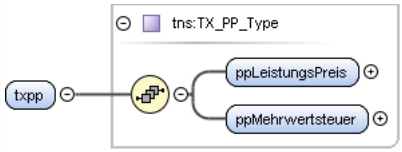
Element tns:TXBEKODL_Type / tns:berBerechtigung_ID

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

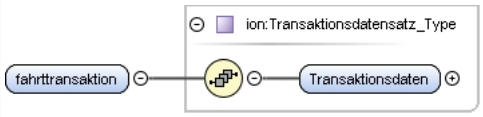
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:TX_PP_Type
Properties	content: complex
Model	tns:ppLeistungsPreis , tns:ppMehrwertsteuer
Children	tns:ppLeistungsPreis, tns:ppMehrwertsteuer

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>`

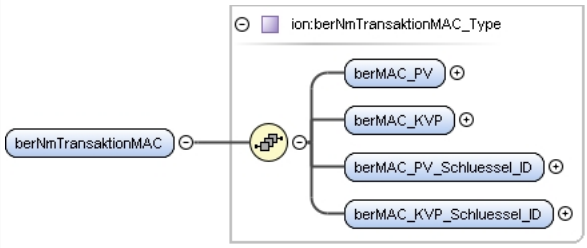
Source	`<xs:element name="txpp" type="tns:TX_PP_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXBEKODL_Type / tns:fahrttransaktion

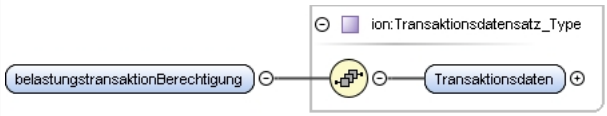
Namespace	http://vdv/ka/kvp-dl-pv/2

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

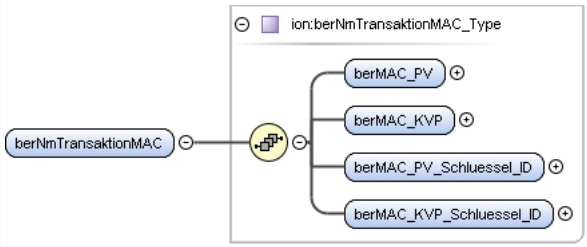
Element tns:TXBEKODL_Type / tns:berNmTransaktionMAC

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

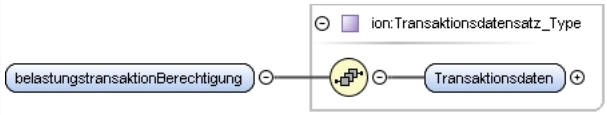
Element tns:TXGKO_Type / tns:belastungstransaktionBerechtigung

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

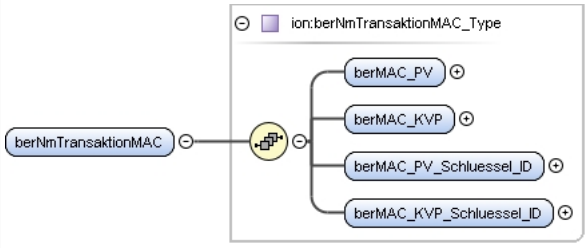
Element tns:TXGKO_Type / tns:berNmTransaktionMAC

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

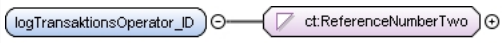
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:belastungstransaktionBerechtigung>
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

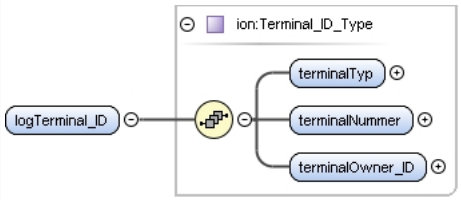
Element tns:TXKNAWA_Type / tns:logTransaktionsOperator_ID

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:ReferenceNumberTwo

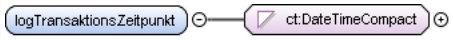
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo

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

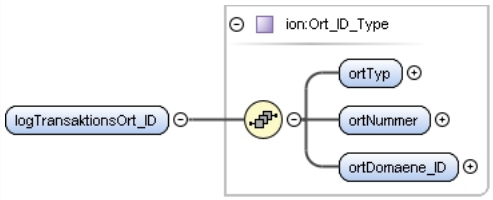
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp> <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	

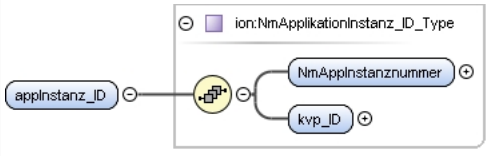
Element tns:TXKNAWA_Type / tns:logTransaktionsOrt_ID

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

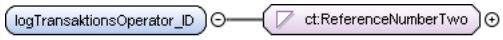
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Validation_CODE_Type
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:Validation_CODE_Type
Properties	content: simple
Facets	maxInclusive 255
	minInclusive 0
Source	<xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/>
Schema location	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

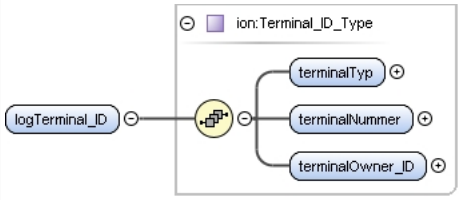
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

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

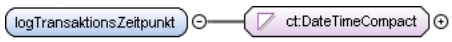
Element tns:TXKNAWB_Type / tns:logTransaktionsOperator_ID

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

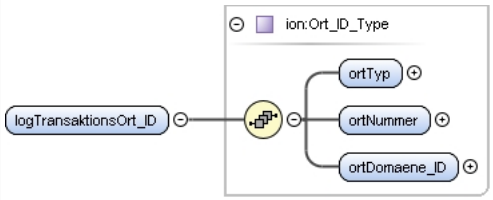
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Terminal_ID_Type
Properties	content: complex
Model	terminalTyp , terminalNummer , terminalOwner_ID
Children	terminalNummer, terminalOwner_ID, terminalTyp
Instance	<tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp> <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

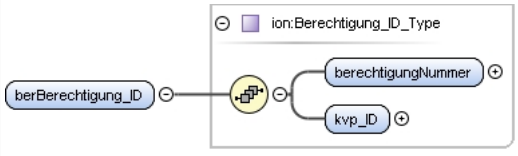
Element tns:TXKNAWB_Type / tns:logValidationCode

Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Validation_CODE_Type

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

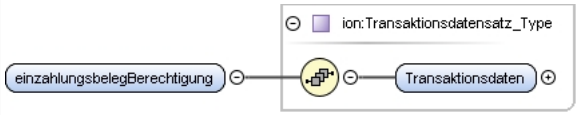
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	`<xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Element tns:TXKNAWB_Type / tns:berBerechtigung_ID

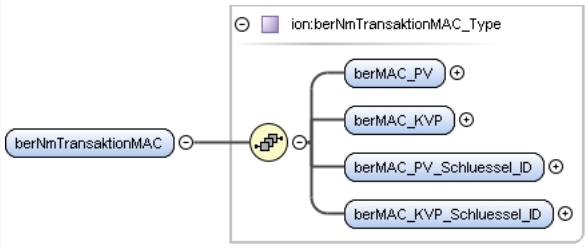
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	

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:TXLPEB_Type / tns:einzahlungsbelegBerechtigung

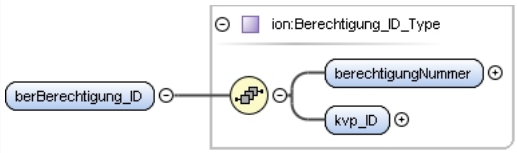
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Transaktionsdatensatz_Type
Properties	content: complex
Model	Transaktionsdaten
Children	Transaktionsdaten
Instance	<tns:einzahlungsbelegBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:einzahlungsbelegBerechtigung>
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

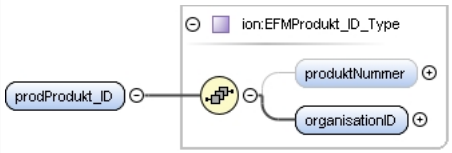
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:berNmTransaktionMAC_Type
Properties	content: complex
Model	berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID
Children	berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID
Instance	<tns:berNmTransaktionMAC 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:TXSANFB_Type / tns:berBerechtigung_ID

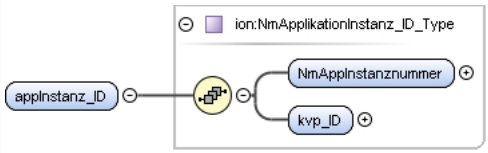
Namespace	http://vdv/ka/kvp-dl-pv/2

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

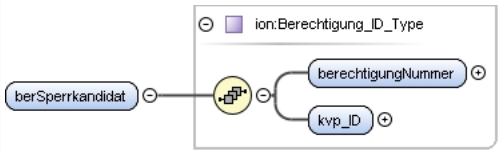
Element tns:TXSANFB_Type / tns:prodProdukt_ID

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

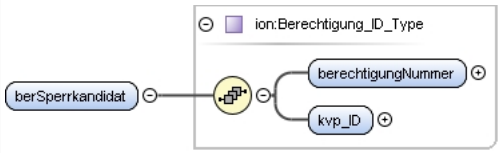
Element tns:TXSMITO_Type / tns:orgSperrkandidat

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

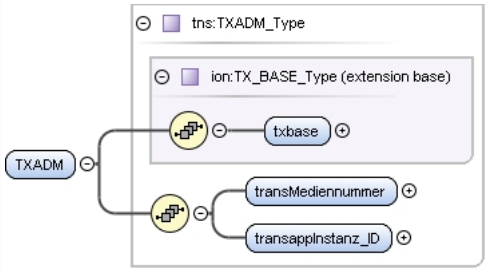
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/>
Schema 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

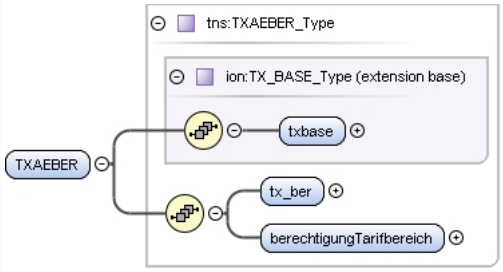
Namespace	http://vdv/ka/kvp-dl-pv/2
Diagram	
Type	tns:SAM_ID_Type
Type hierarchy	• xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type
Properties	content: simple
Facets	maxInclusive 16777215 minInclusive 0
Source	<xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/>

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

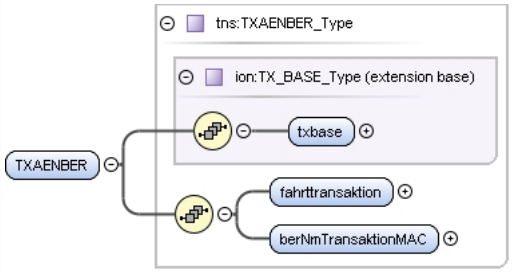
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Antwort auf Anfrage wegen Defektem Medium
Diagram	
Type	tns:TXADM_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXADM_Type
Properties	content: complex
Model	txbase , tns:transMediennummer , tns:transappInstanz_ID
Children	tns:transMediennummer, 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

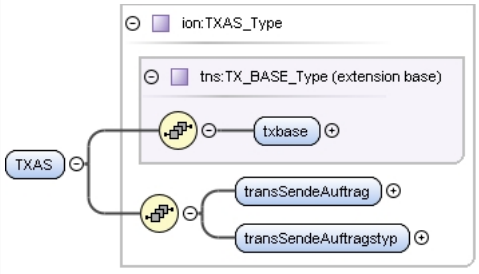
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung einer Berechtigung (nicht moeglich bei EFS)
Diagram	
Type	tns:TXAEBER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAEBER_Type
Properties	content: complex
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich
Children	tns:berechtigungTarifbereich, 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:TXAENBER

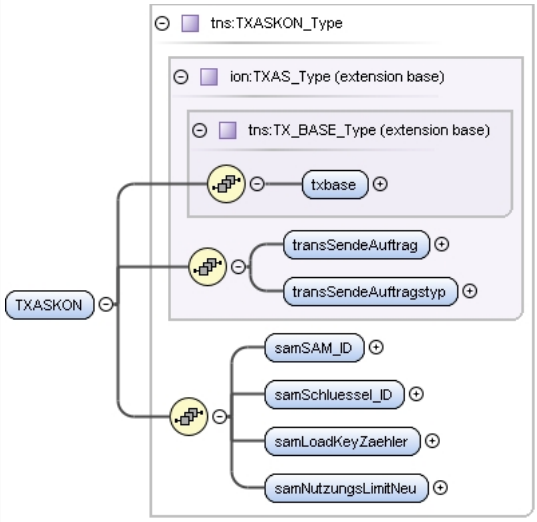
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Aenderung der Nutzertarifparameter einer Berechtigung (nicht moeglich bei EFS)
Diagram	
Type	tns:TXAENBER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAENBER_Type
Properties	content: complex
Used by	Complex Type tns:TXWEBAENDN_Type
Model	txbase , 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: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

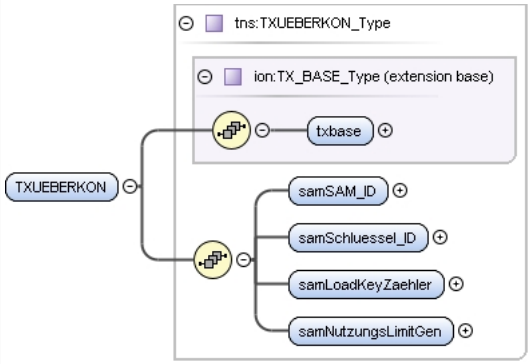
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp
Children	transSendeAuftrag, transSendeAuftragstyp, txbase
Instance	<tns:TXAS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </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

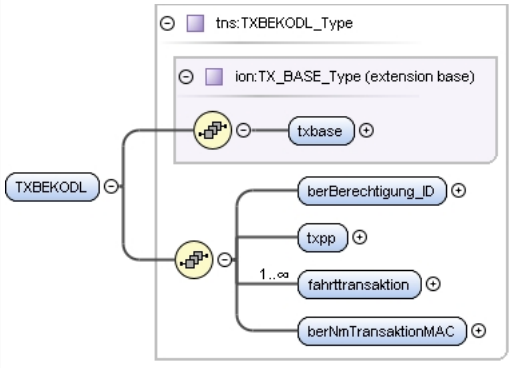
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM
Diagram	
Type	tns:TXASKON_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAS_Type • tns:TXASKON_Type
Properties	content: complex
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , 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

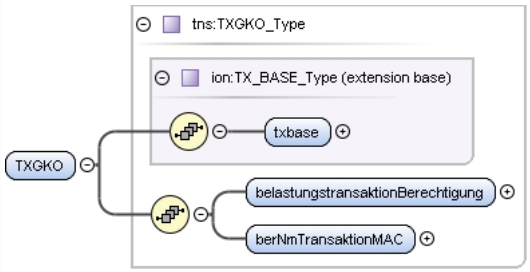
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM
Diagram	
Type	tns:TXUEBERKON_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXUEBERKON_Type
Properties	content: complex
Model	txbase , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitGen
Children	tns:samLoadKeyZaehler, tns:samNutzungsLimitGen, tns:samSAM_ID, tns:samSchluessel_ID, txbase
Instance	<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>
Source	<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>
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	

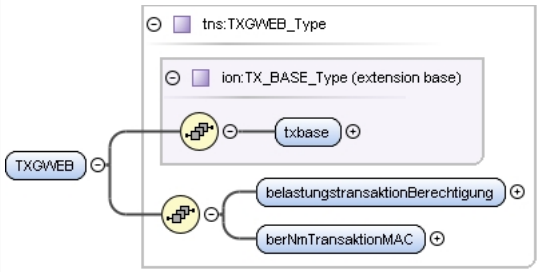
Type	tns:TXBEKODL_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXBEKODL_Type
Properties	content: complex
Model	txbase , tns:berBerechtigung_ID , tns:txpp , tns:fahrttransaktion+ , tns:berNmTransaktionMAC
Children	tns:berBerechtigung_ID, tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:txpp, txbase
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)

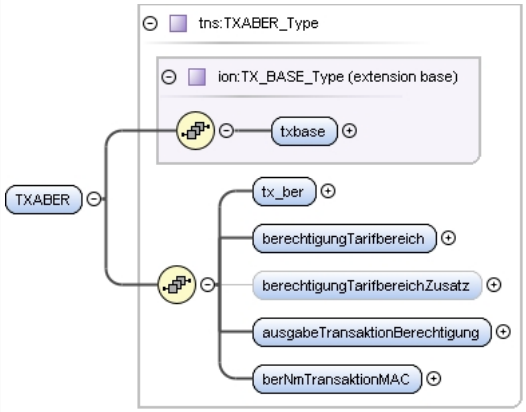
Diagram	
Type	tns:TXGWEB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXGWEB_Type
Properties	content: complex
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase

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

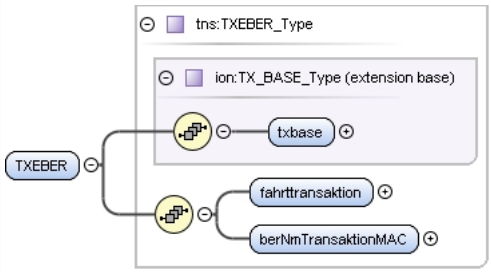
Element tns:TXABER

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

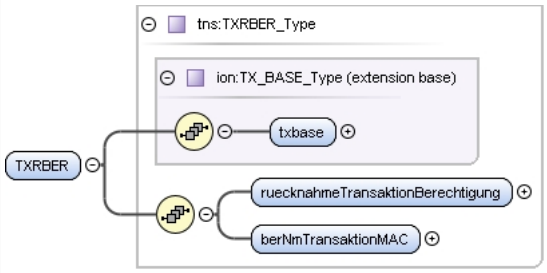
Instance	`<tns:TXABER xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <tns:tx_ber>{1,1}</tns:tx_ber>`

	<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: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:TXRBER

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ruecknahme einer Berechtigung
Diagram	
Type	tns:TXRBER_Type

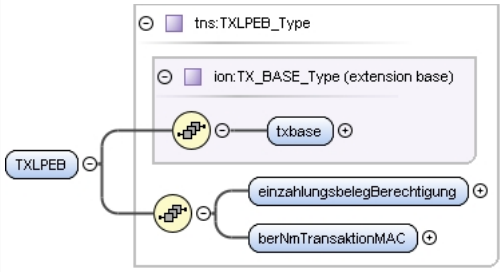
Type hierarchy	• tns:TX_BASE_Type • tns:TXRBER_Type
Properties	content: complex
Used by	Complex Type tns:TXLOEBER_Type
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase

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: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

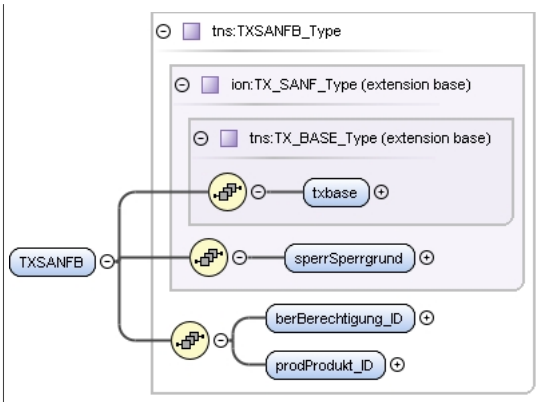
Instance	`<tns:TXLPEB xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`  <txbase>{1,1}</txbase>`
	`  <tns:einzahlungsbelegBerechtigung>{1,1}</tns:einzahlungsbelegBerechtigung>`
	`  <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC>`
	`</tns:TXLPEB>`

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:TXSANFB

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperranforderung fuer eine Berechtigung

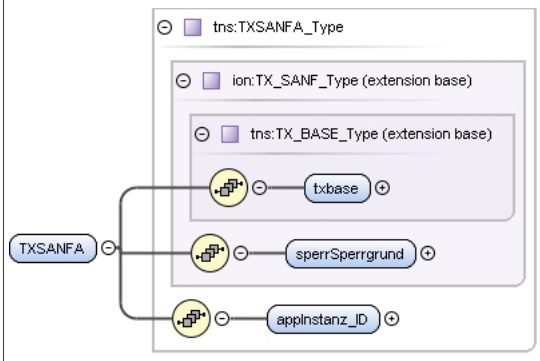
Diagram	
Type	tns:TXSANFB_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFB_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase

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>`

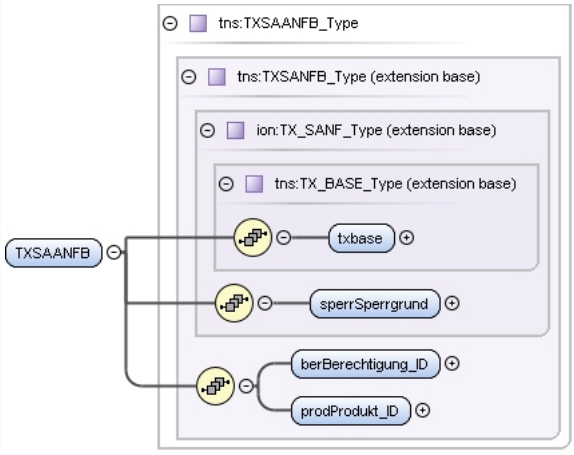
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

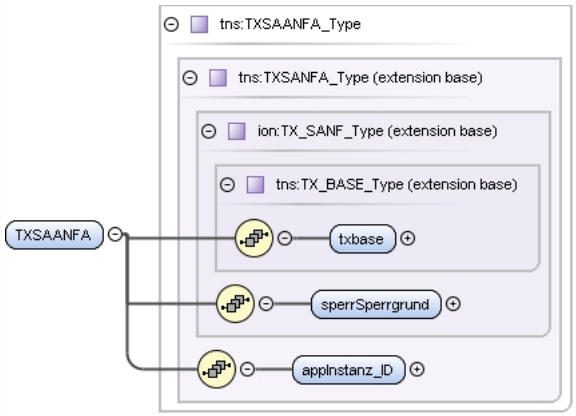
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperraufhebungsanforderung fuer eine Berechtigung
Diagram	
Type	tns:TXSAANFB_Type

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

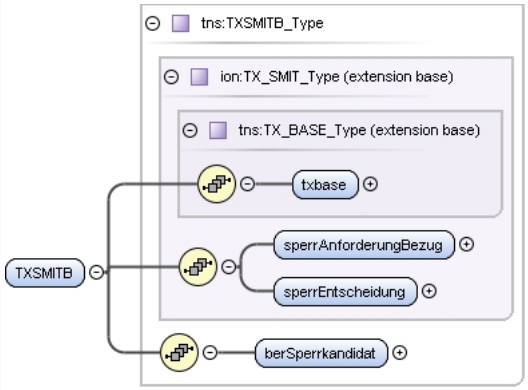
Diagram	
Type	tns:TXSAANFA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFA_Type • tns:TXSAANFA_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, tns:appInstanz_ID, txbase

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>`

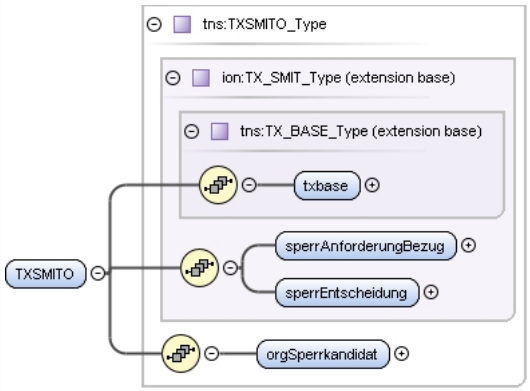
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

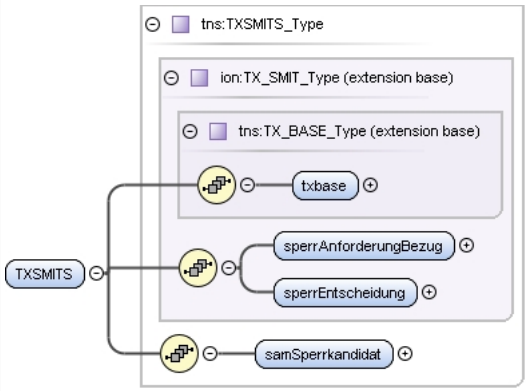
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase
Instance	<tns:TXSMITB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</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

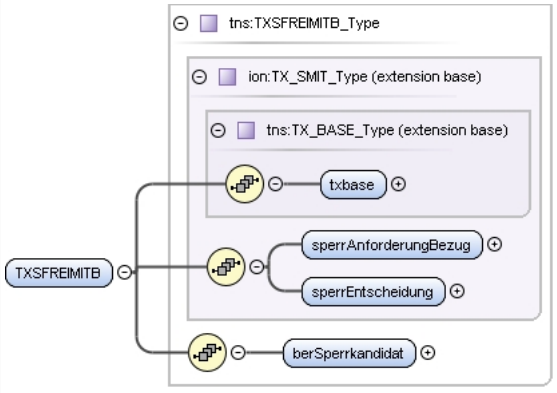
Diagram	
Type	tns:TXSMITS_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITS_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase

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>`

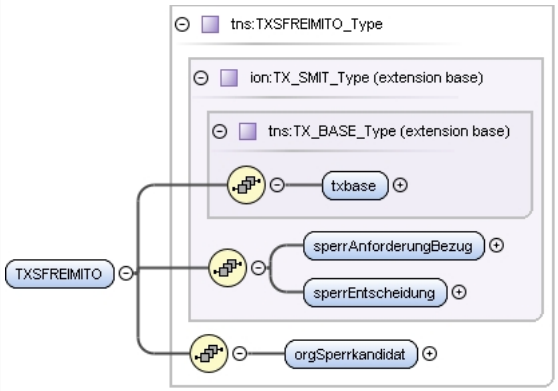
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

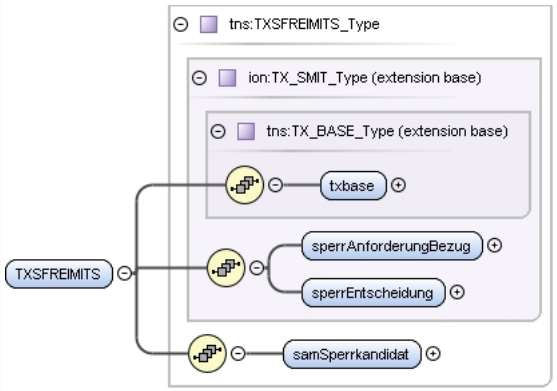
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Sperrfreigabemitteilung Organisation
Diagram	
Type	tns:TXSFREIMITO_Type

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

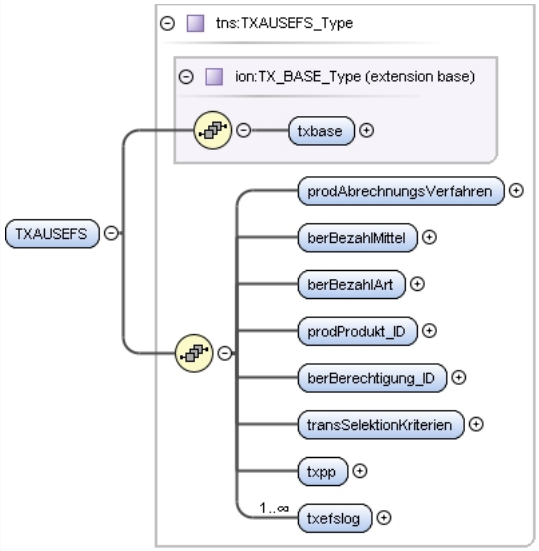
Diagram	
Type	tns:TXSFREIMITS_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITS_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase

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>`

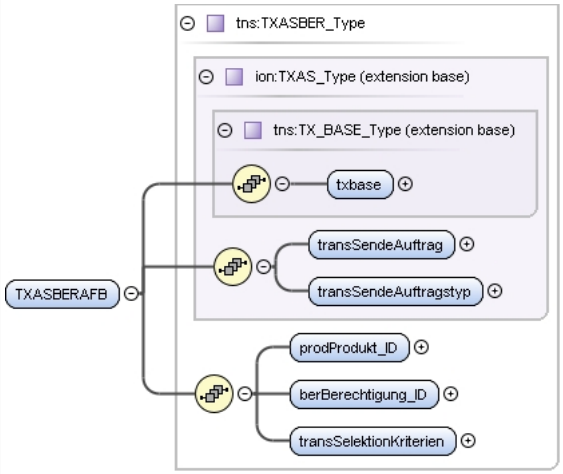
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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	<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>
Source	<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>
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

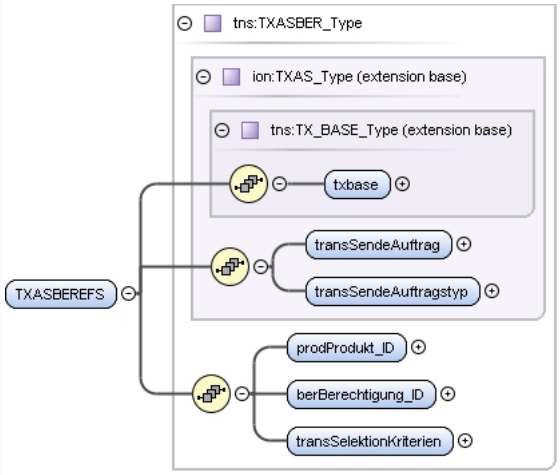
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Anforderung der Daten zur Anzeige einer Preisauskunft Fahrt AFB fuer eine Berechtigung aus dem PV System
Diagram	
Type	tns:TXASBER_Type

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	<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>
Source	<xs:element name="TXASBERAFB" type="tns:TXASBER_Type"> <xs:annotation>

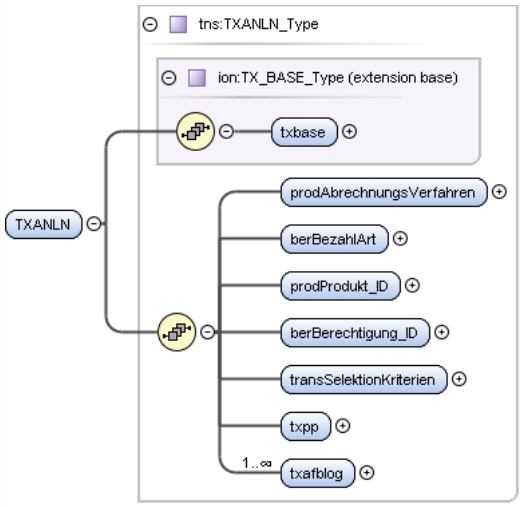
	<xs:documentation>Element: Anforderung der Daten zur Anzeige einer Preisauskunft Fahrt AFB fuer eine Berechtigung aus dem PV System</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

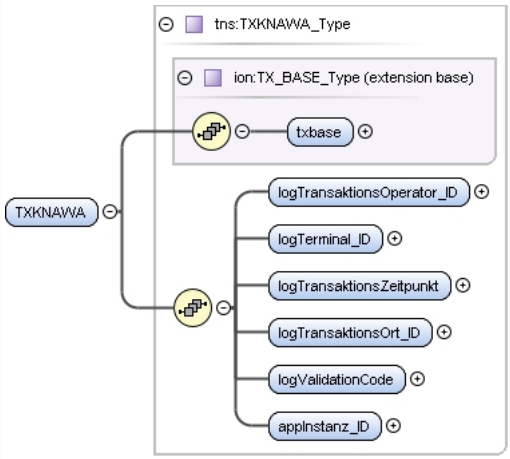
Instance	<pre><tns:TXANLN xmlns:tns="http://vdv/ka/kvp-dl-pv/2">
	  <txbase>{1,1}</txbase>
	  <tns:prodAbrechnungsVerfahren>{1,1}</tns:prodAbrechnungsVerfahren>
	  <tns:berBezahlArt>{1,1}</tns:berBezahlArt>
	  <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID>
	  <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID>
	  <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien>
	  <tns:txpp>{1,1}</tns:txpp>
	  <tns:txafblog>{1,unbounded}</tns:txafblog>
	</tns:TXANLN></pre>

Source	<pre><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></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:TXKNAWA

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation

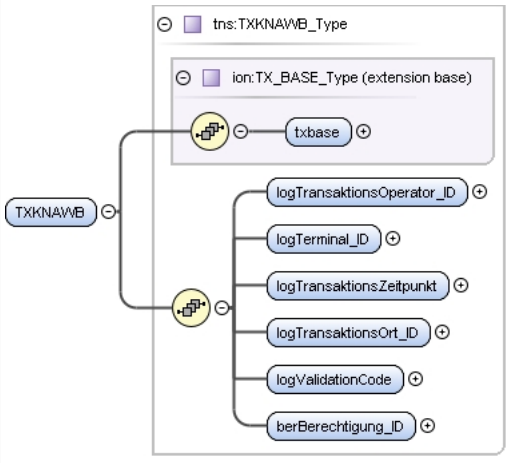
Diagram	
Type	tns:TXKNAWA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXKNAWA_Type
Properties	content: complex
Model	txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:appInstanz_ID
Children	tns:appInstanz_ID, 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>`

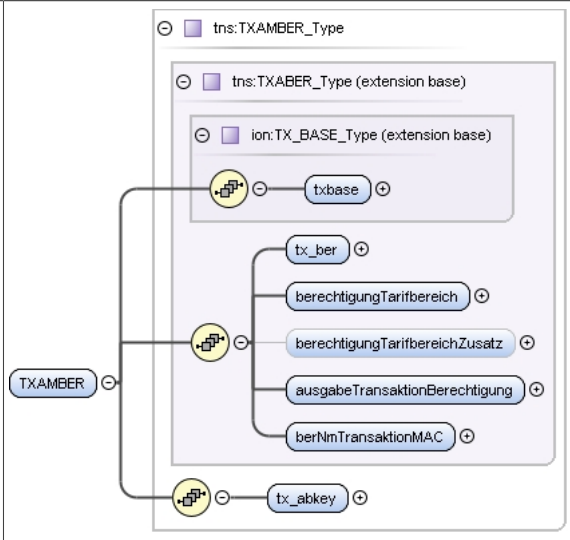
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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:TXAMBER

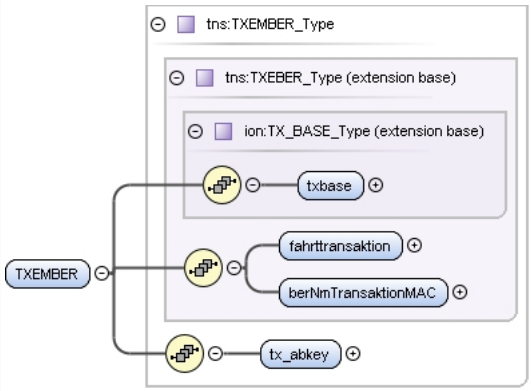
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Element: Ausgabe einer Multiberechtigung
Diagram	
Type	tns:TXAMBER_Type

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">

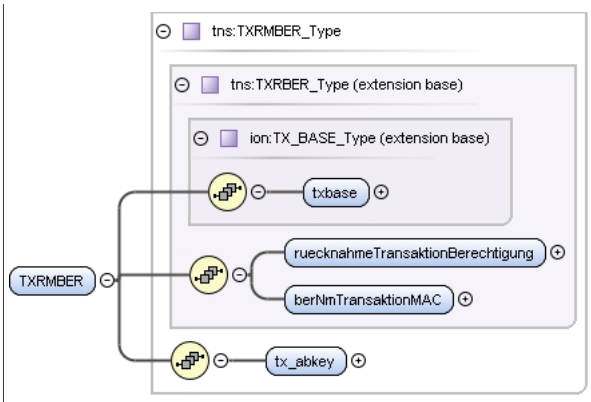
	<txbase>{1,1}</txbase> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich> <tns:berechtigungTarifbereichZusatz>{0,1}</tns:berechtigungTarifbereichZusatz> <tns:ausgabeTransaktionBerechtigung>{1,1}</tns:ausgabeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</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: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

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

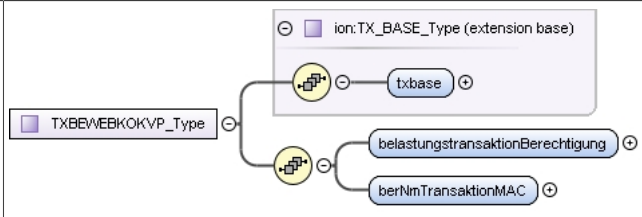
Instance	`<tns:TXRMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2">`
	`<txbase>{1,1}</txbase>`
	`<tns:ruecknahmeTransaktionBerechtigung>{1,1}</tns:ruecknahmeTransaktionBerechtigung>`
	`<tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC>`
	`<tns:tx_abkey>{1,1}</tns:tx_abkey>`
	`</tns:TXRMBER>`

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

Complex Type(s)

Complex Type `tns:TXBEWEBKOKVP_Type`

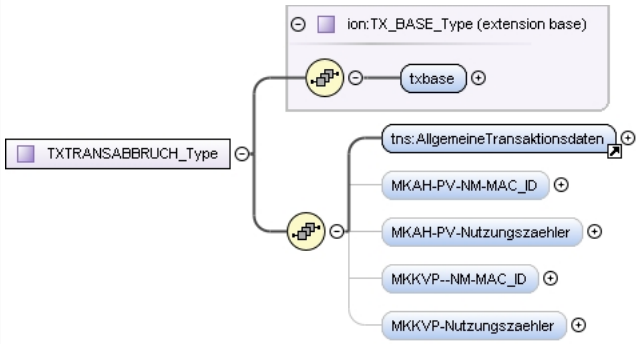
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Gemeinsamer Typ: Belastung POB/PEB/WEB
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXBEWEBKOKVP_Type
Used by	Elements tns:TXBEKOKVP, tns:TXBEWEBKVP
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
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: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>
```

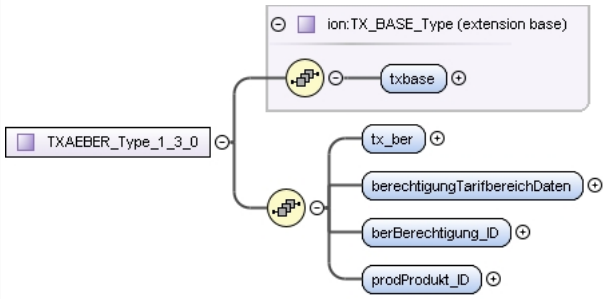
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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: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`

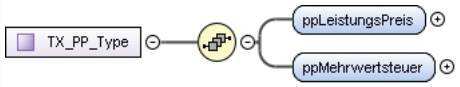
Namespace	http://vdv/ka/kvp-dl-pv/2

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

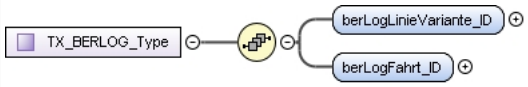
Complex Type `tns:EFSViaOrtsListe_Type`

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

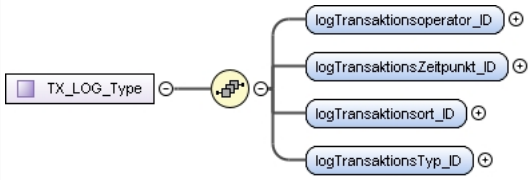
Complex Type `tns:TX_PP_Type`

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

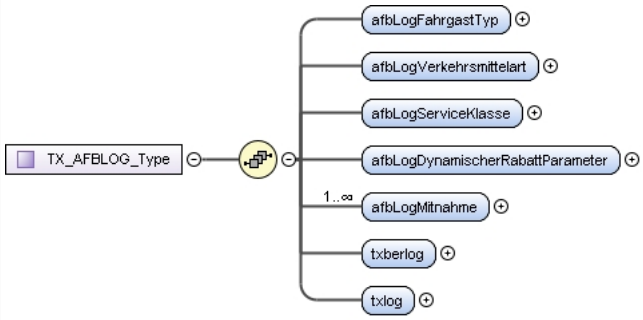
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Berechtigung
Diagram	
Used by	Elements tns:TX_AFBLOG_Type/tns:txberlog, tns:TX_EFSLOG_Type/tns:txberlog
Model	tns:berLogLinieVariante_ID , tns:berLogFahrt_ID
Children	tns:berLogFahrt_ID, tns:berLogLinieVariante_ID
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`

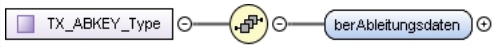
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Basisdatensatz zur Anzeige von Log-Informationen eines EFS
Diagram	
Used by	Element tns:TXAUSEFS_Type/tns:txefslog
Model	tns:efsFahrgastTyp , tns:efsVerkehrsmittelKategorie , tns:efsLogServiceKlasse , tns:efsServiceKlasseExtra , tns:efsStartort_ID , 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

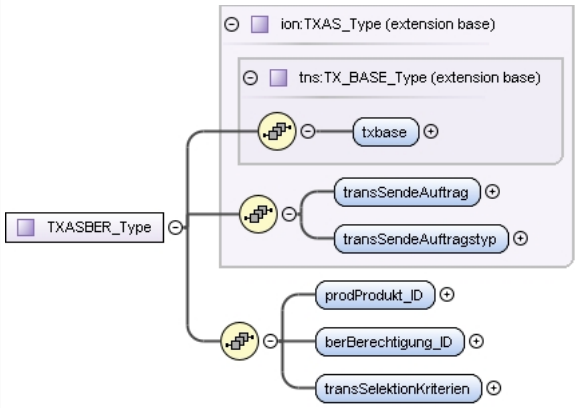
Complex Type `tns:TX_ABKEY_Type`

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:TXASBER_Type`

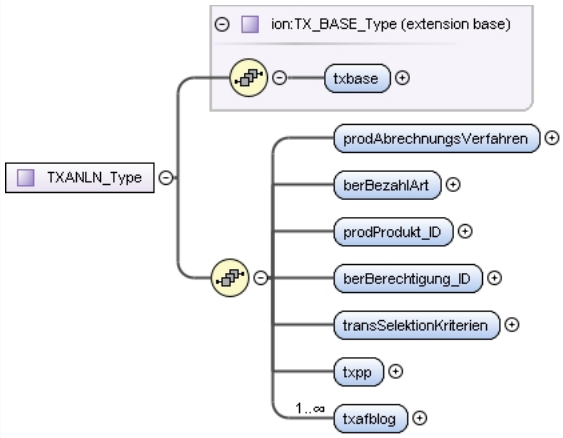
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ:Anzeige Leistungsnachweise einer Berechtigung`
Diagram	
Type	extension of tns:TXAS_Type

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

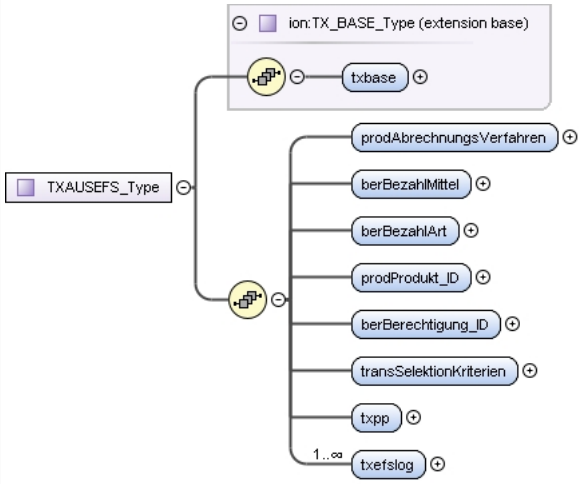
Source	<xs:complexType name="TXASBER_Type"> <xs:annotation> <xs:documentation>Typ:Anzeige Leistungsnachweise einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> <xs:sequence> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <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`

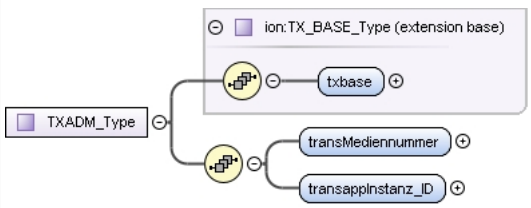
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ:Anzeige Leistungsnachweise einer Berechtigung
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXANLN_Type
Used by	Element tns:TXANLN
Model	txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlArt , tns:prodProdukt_ID , 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

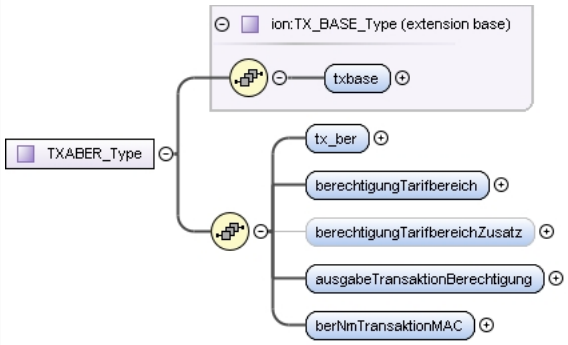
Annotations	Typ:Stellt dem kontofuehrenden KVP alle zu einer EFS-Berechtigung bei einem PV erfassten Daten zur Anzeige fuer Servicezwecke zur Verfuegung
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAUSEFS_Type
Used by	Element tns:TXAUSEFS
Model	txbase , tns:prodAbrechnungsVerfahren , 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

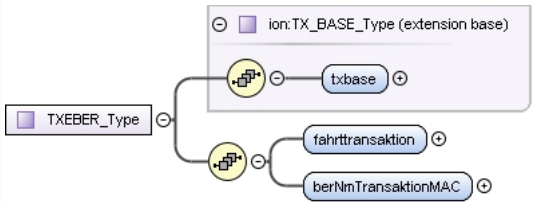
Type hierarchy	• tns:TX_BASE_Type • tns:TXADM_Type
Used by	Element tns:TXADM
Model	txbase , tns:transMediennummer , tns:transappInstanz_ID
Children	tns:transMediennummer, tns:transappInstanz_ID, txbase
Source	<xs:complexType name="TXADM_Type"> <xs:annotation> <xs:documentation>Typ: Antwort auf Anfrage 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: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	Complex Type tns:TXAMBER_Type Element tns:TXABER
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

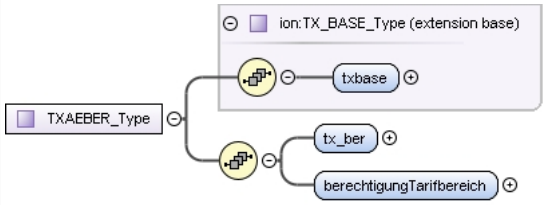
Complex Type `tns:TXEBER_Type`

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	Complex Type tns:TXEMBER_Type Element tns:TXEBER
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:TXAEBER_Type`

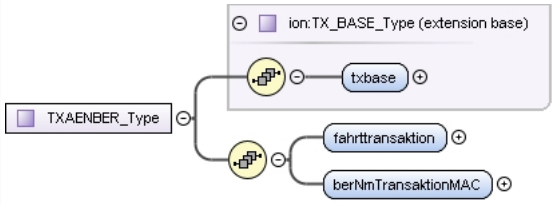
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Aenderung einer Berechtigung`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXAEBER_Type
Used by	Element tns:TXAEBER
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich
Children	tns:berechtigungTarifbereich, 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

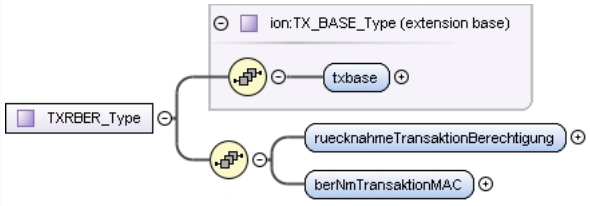
Complex Type `tns:TXAENBER_Type`

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	<pre><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></pre>

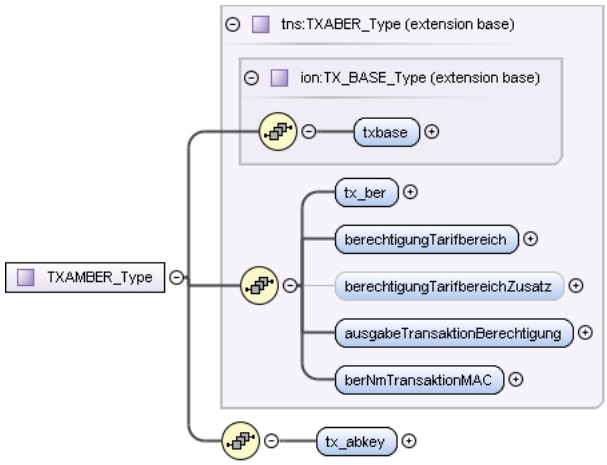
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns: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	Complex Type tns:TXRMBER_Type Element tns:TXRBER
Model	txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC

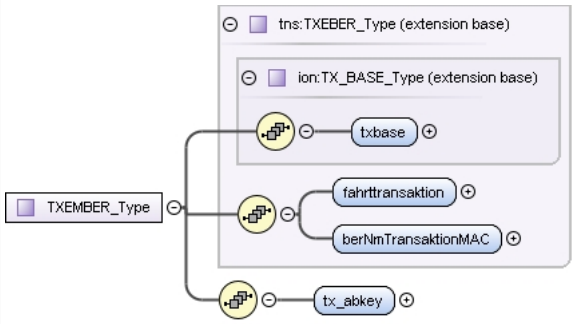
Children	tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase
Source	<xs:complexType name="TXRBER_Type"> <xs:annotation> <xs:documentation>Typ: Ruecknahme einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <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:TXAMBER_Type`

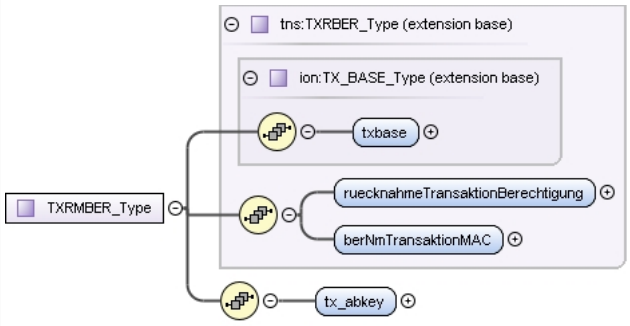
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Ausgabemeldung einer Multiberechtigung
Diagram	
Type	extension of tns:TXABER_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXABER_Type • tns:TXAMBER_Type
Used by	Element tns:TXAMBER
Model	txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , 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: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

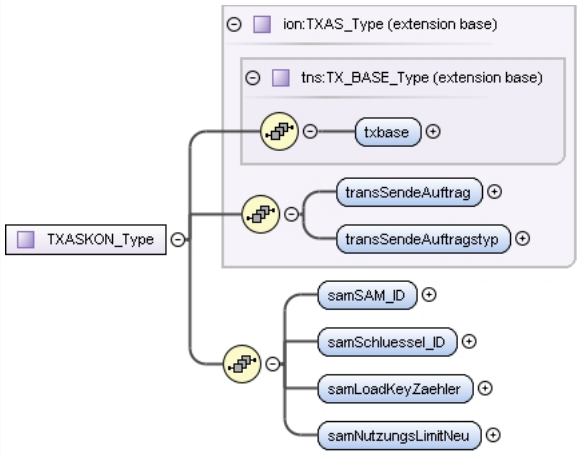
Complex Type tns:TXRMBER_Type

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:rueckknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey
Children	tns:berNmTransaktionMAC, tns:rueckknahmeTransaktionBerechtigung, 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: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

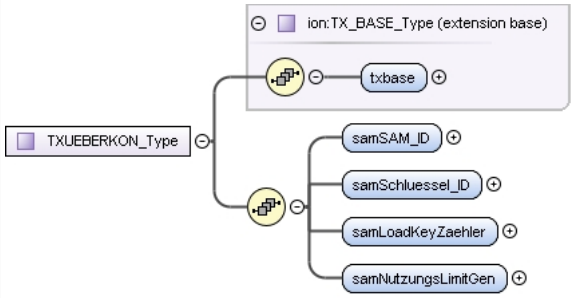
Used by	Element tns:TXASKON
Model	txbase , transSendeAuftrag , transSendeAuftragstyp , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitNeu
Children	tns:samLoadKeyZaehler, tns:samNutzungsLimitNeu, tns:samSAM_ID, tns:samSchluessel_ID, transSendeAuftrag, transSendeAuftragstyp, 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>
```

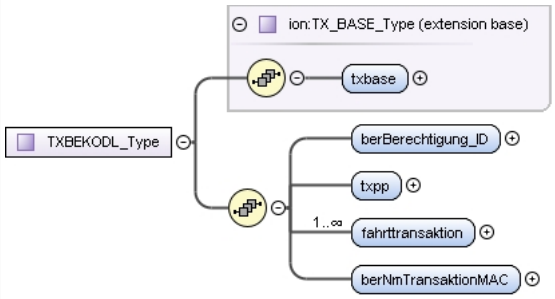
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

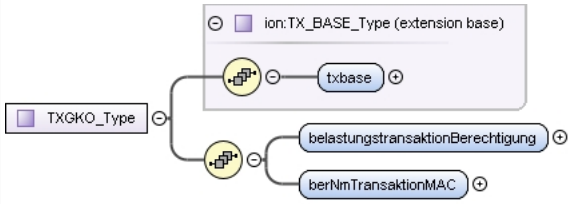
Complex Type `tns:TXBEKODL_Type`

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

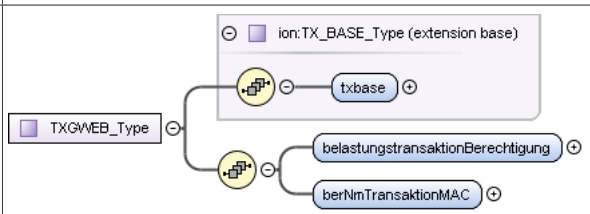
Complex Type `tns:TXGKO_Type`

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>`

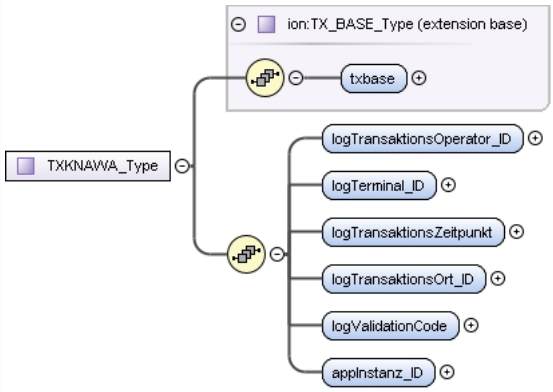
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

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

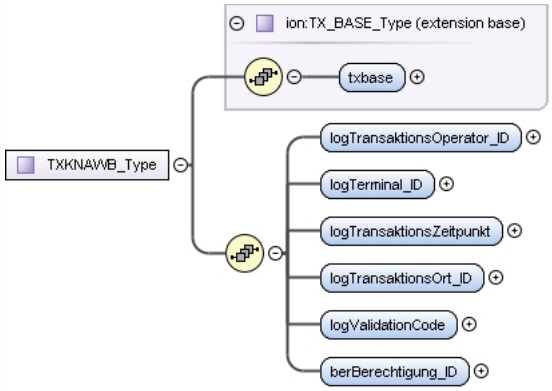
Type hierarchy	• tns:TX_BASE_Type • tns:TXGWEB_Type
Used by	Element tns:TXGWEB
Model	txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC
Children	tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase
Source	<xs:complexType name="TXGWEB_Type"> <xs:annotation> <xs:documentation>Typ: 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`

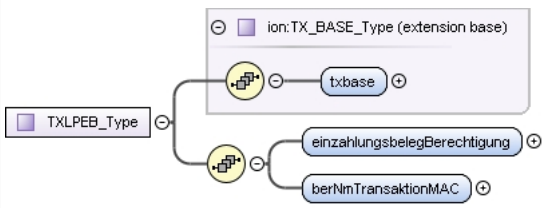
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXKNAWA_Type
Used by	Element tns:TXKNAWA
Model	txbase , tns:logTransaktionsOperator_ID , 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

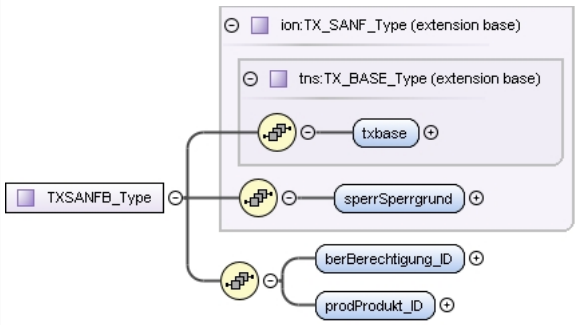
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXKNAWB_Type
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: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:TXSANFB_Type`

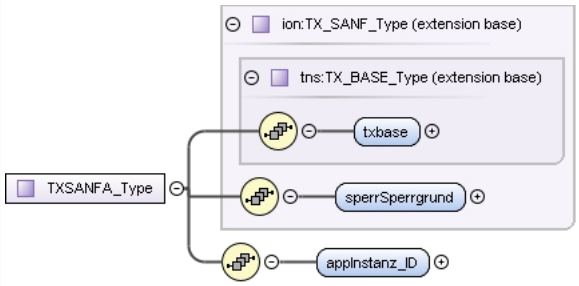
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperranforderung fuer eine Berechtigung
Diagram	
Type	extension of tns:TX_SANF_Type

Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SANF_Type
	  • tns:TXSANFB_Type

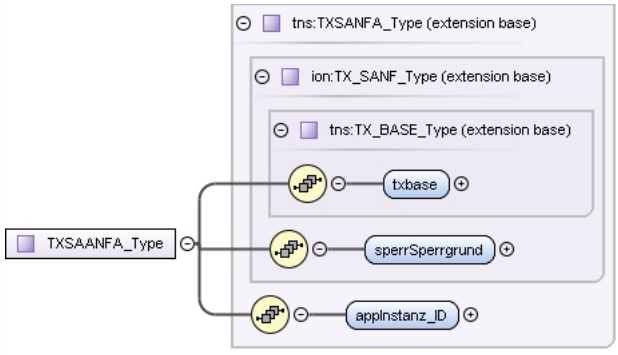
Used by	Complex Type tns:TXSAANFB_Type Element tns:TXSANFB
Model	txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID
Children	sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase
Source	<xs:complexType name="TXSANFB_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung 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

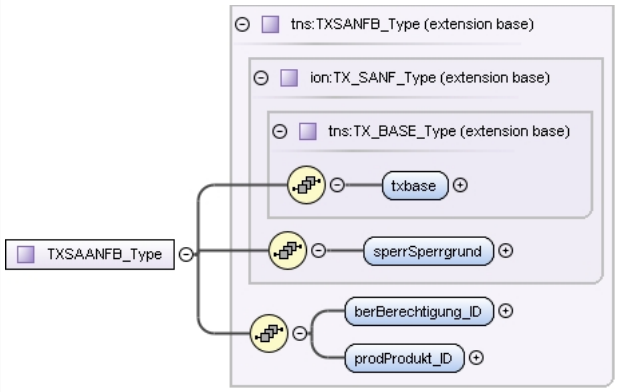
Annotations	Typ: Sperranforderung fuer eine Applikation
Diagram	
Type	extension of tns:TX_SANF_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFA_Type
Used by	Complex Type tns:TXSAANFA_Type Element tns:TXSANFA
Model	txbase , sperrSperrgrund , tns:appInstanz_ID
Children	sperrSperrgrund, 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

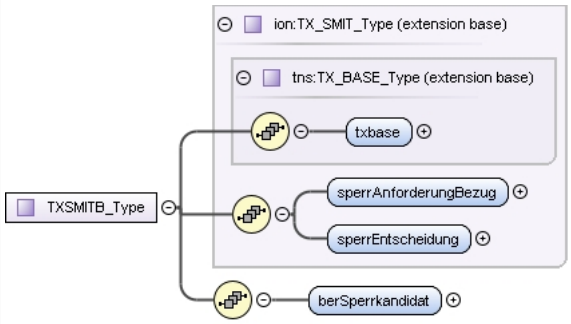
Children	sperrSperrgrund, tns:appInstanz_ID, txbase
Source	<xs:complexType name="TXSAANFA_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer eine Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFA_Type"/> </xs:complexContent> </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`

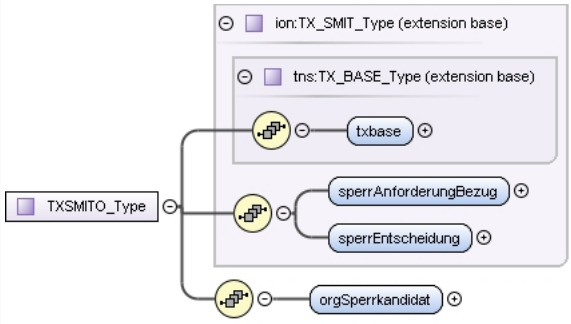
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	Typ: Sperrmitteilung Berechtigung

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`

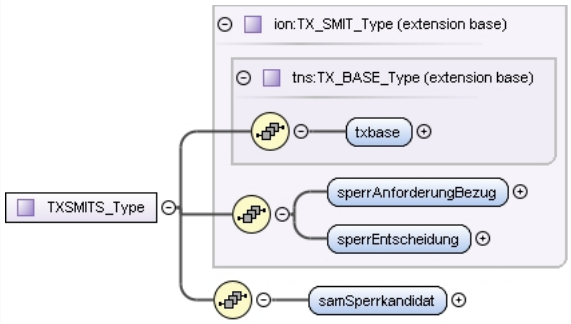
Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Sperrmitteilung Organisation`
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITO_Type
Used by	Element tns:TXSMITO
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat
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

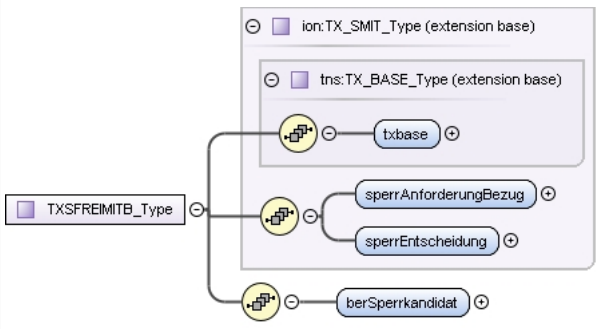
Complex Type `tns:TXSMITS_Type`

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>

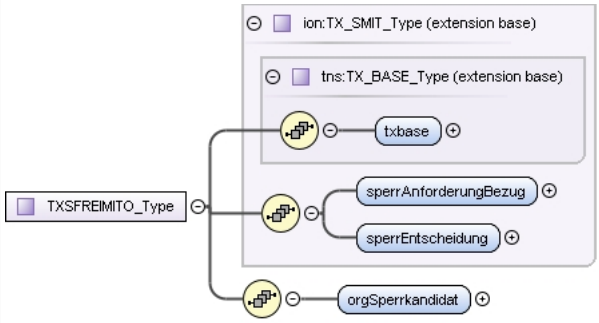
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd

Complex Type `tns:TXSFREIMITB_Type`

Namespace	http://vdv/ka/kvp-dl-pv/2
Annotations	`Typ: Sperrfreigabemitteilung Berechtigung`
Diagram	

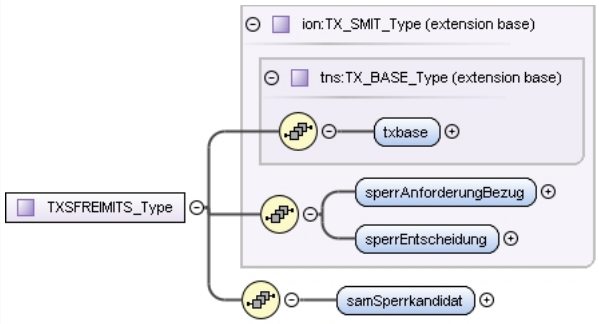
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITB_Type
Used by	Element tns:TXSFREIMITB
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat
Children	sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase
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

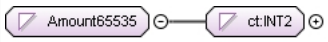
Simple Type(s)

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

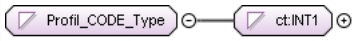
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:Amount65535

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

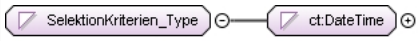
Source	`<xs:simpleType name="Profil_CODE_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: klassifiziert Kunden, Objekte, etc. bzgl. tarifrelevanter Gruppen des OePV BOM 6_45</xs:documentation>`

```
  </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

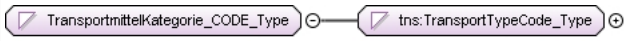
Facets	maxInclusive 255 minInclusive 0
Used by	Simple Types tns:TransportmittelKategorie_CODE_Type, tns:Transportserviceart_CODE_Type

Source

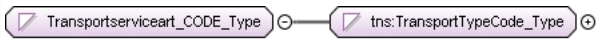
```
<xs:simpleType name="TransportTypeCode_Type">
  <xs:annotation>
    <xs:documentation>Der TransportTypeCode_Type oder TransportmittelKategorie_CODE bzw.
 Transportserviceart_CODE_Type (Spez BOM) klassifiziert Arten von Transportdienstleistungen im
 Sinne einer Qualitaetsklasse, z.B. "IC/EC", "ICE" 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/ion/2"

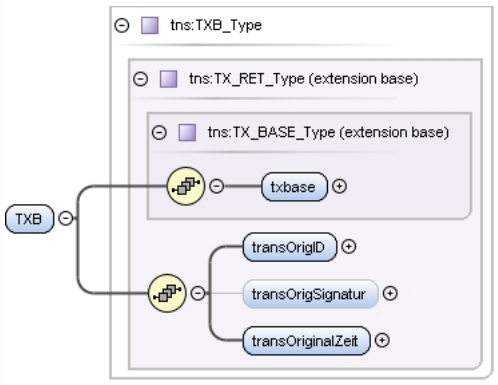
Schema(s)

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: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

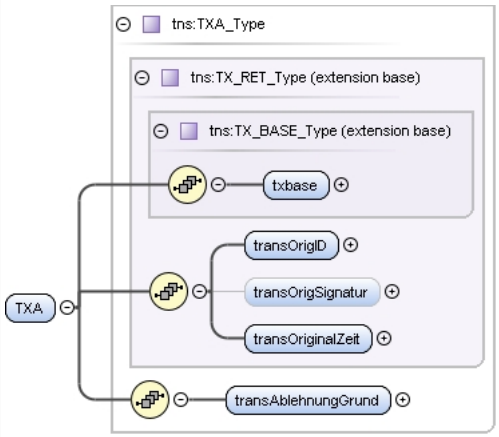
Instance	`<tns:TXB xmlns:tns="http://vdv/ka/ion/2">`
	`  <txbase>{1,1}</txbase>`
	`  <transOrigID>{1,1}</transOrigID>`
	`  <transOrigSignatur>{0,1}</transOrigSignatur>`
	`  <transOriginalZeit>{1,1}</transOriginalZeit>`
	`</tns:TXB>`

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

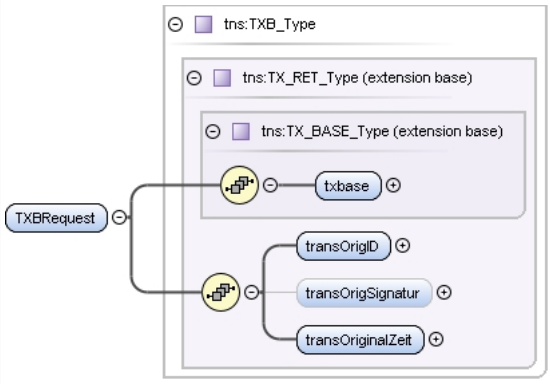
Annotations	`Element: Ablehnung einer ION-Transaktion`
Diagram	
Type	tns:TXA_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • tns:TXA_Type
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, 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>`

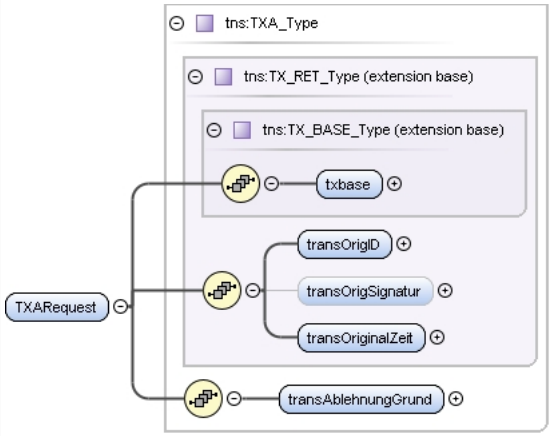
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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

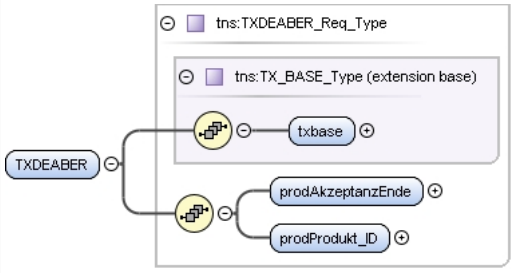
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<tns:TXBRequest xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</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

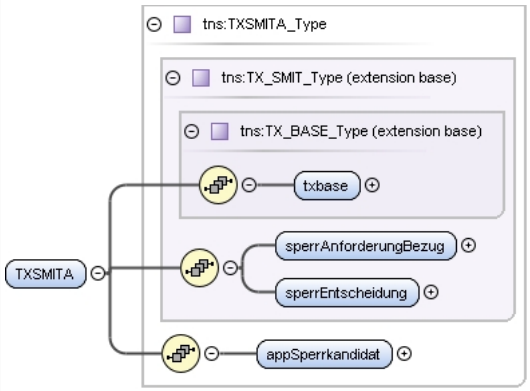
Annotations	`Element: Dienstanfrage: "Loeschen einer Produkt-Akzeptanz von allen akzeptierenden Organisationen"`
Diagram	
Type	tns:TXDEABER_Req_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TXDEABER_Req_Type
Properties	content: complex
Model	txbase , prodAkzeptanzEnde , prodProdukt_ID
Children	prodAkzeptanzEnde, 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>`

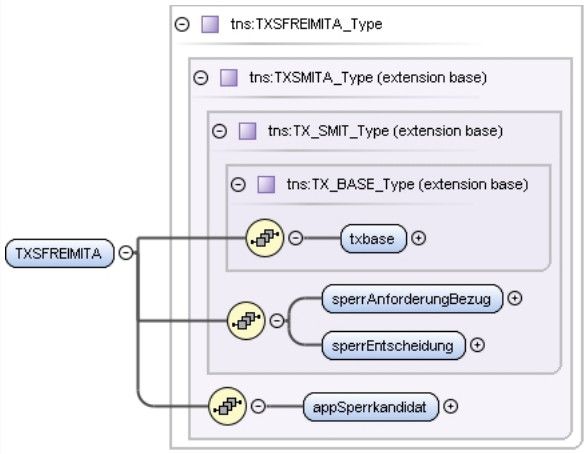
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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">`

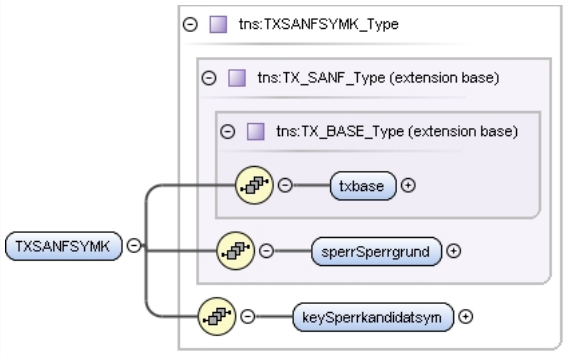
	<txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <appSperrkandidat>{1,1}</appSperrkandidat> </tns:TXSMITA>
Source	<xs:element name="TXSMITA" type="tns:TXSMITA_Type" nillable="false"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung 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

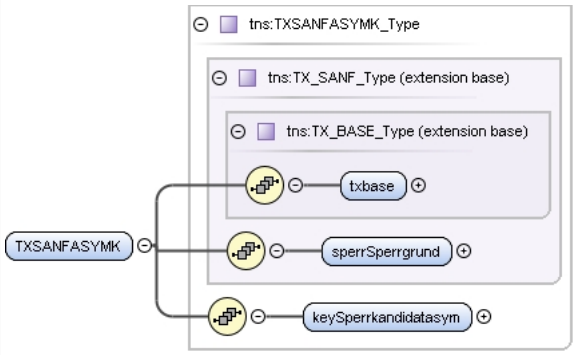
Diagram	
Type	tns:TXSANFSYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatsym
Children	keySperrkandidatsym, sperrSperrgrund, txbase

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>`

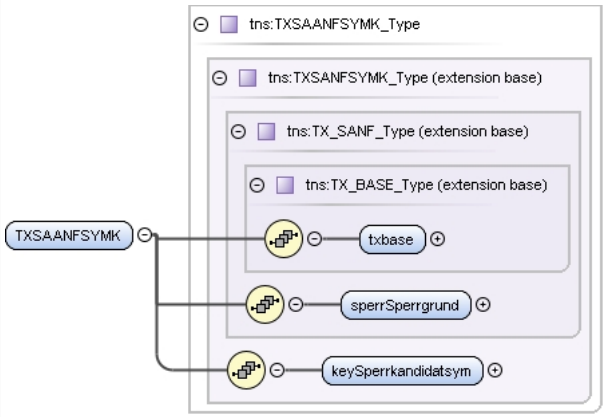
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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>`

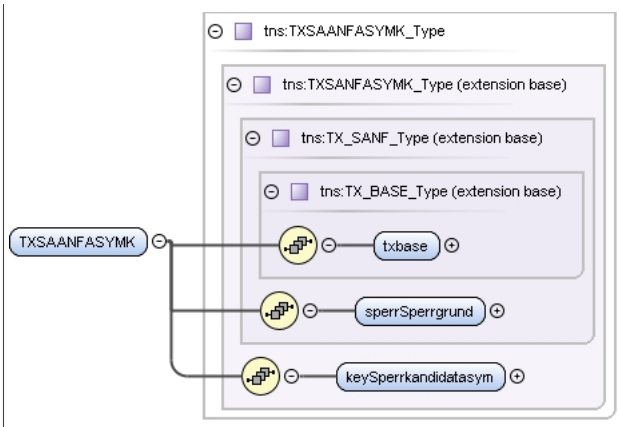
	<sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatasym>{1,1}</keySperrkandidatasym> </tns:TXSANFASYMK>
Source	<xs:element name="TXSANFASYMK" type="tns:TXSANFASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer einen asymmetrischen Schluessel</ xs:documentation> </xs:annotation> </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

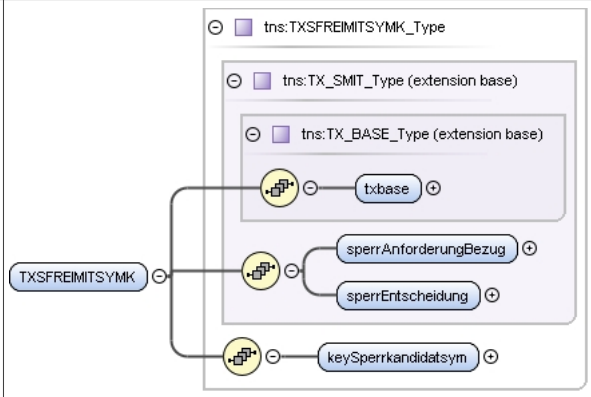
Diagram	
Type	tns:TXSAANFASYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFASYMK_Type • tns:TXSAANFASYMK_Type
Properties	content: complex
Model	txbase , sperrSperrgrund , keySperrkandidatasym
Children	keySperrkandidatasym, sperrSperrgrund, txbase

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>`

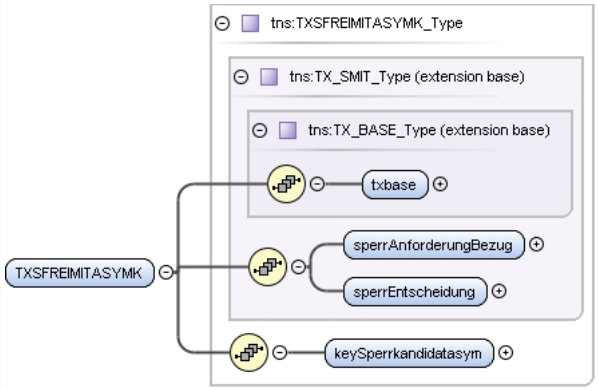
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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

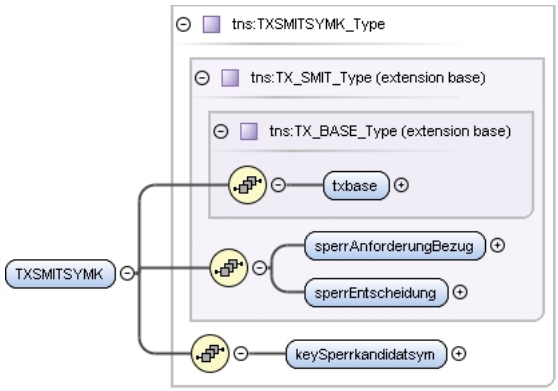
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<tns:TXSFREIMITSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <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

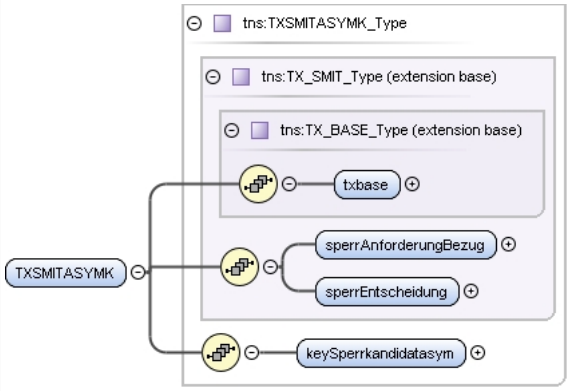
Diagram	
Type	tns:TXSMITSYMK_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITSYMK_Type
Properties	content: complex
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase

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>`

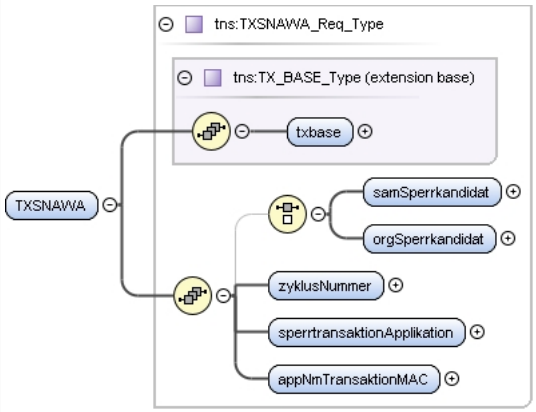
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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

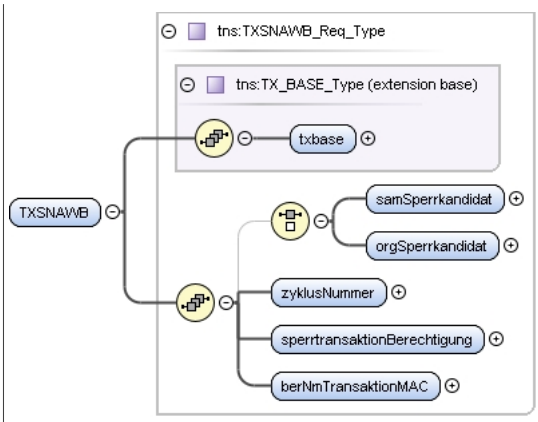
Children	keySperrkandidatasym, sperrAnforderungBezug, sperrEntscheidung, txbase
Instance	<tns:TXSMITASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatasym>{1,1}</keySperrkandidatasym> </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

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

Complex Type(s)

Complex Type `tns:TX_BASE_Type`

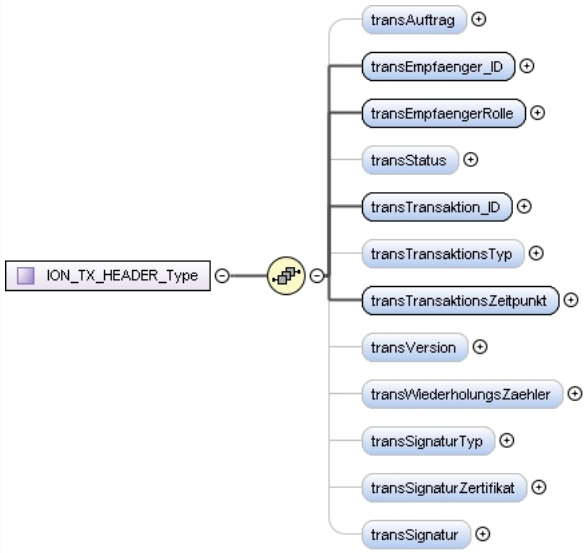
Namespace	http://vdv/ka/ion/2
Annotations	Basisdaten fuer alle Transaktionen
Diagram	
Used by	Complex Types ah:TXAA_Type, ah:TXAEA_Type, ah:TXKNAWDM_Type, ah:TXLKAORG_Req_Type, ah:TXLZVMORG_Req_Type, ah:TXRA_Type, tns:TXABER_Type, tns:TXADM_Type, tns:TXAEBER_Type, tns:TXAEBER_Type_1_3_0, tns:TXAENBER_Type,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

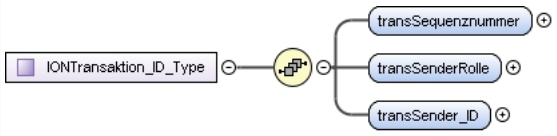
Namespace	http://vdv/ka/ion/2
Annotations	`Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen`
Diagram	
Used by	Element tns:TX_BASE_Type/txbase
Model	transAuftrag{0,1} , transEmpfaenger_ID , transEmpfaengerRolle , transStatus{0,1} , transTransaktion_ID , transTransaktionsTyp{0,1} , 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

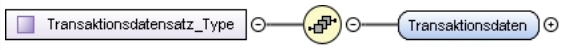
Complex Type `tns:IONTransaktion_ID_Type`

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:Transaktionsdatensatz_Type`

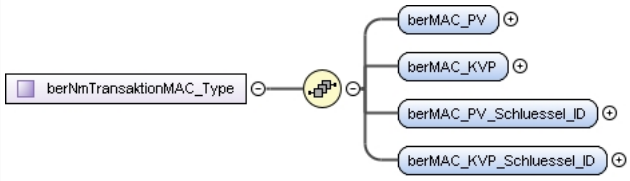
Namespace	http://vdv/ka/ion/2
Annotations	Typ: Transaktionsdatensatz
Diagram	
Used by	Elements: ah:TXAA_Type/ausgabeTransaktionApplikation, ah:TXRA_Type/ruecknahmeTransaktionApplikation, tns:NmApplikationsdaten_Type/tns:LetzteTransaktion, tns:NmApplikationslogbuch_Type/tns:Transaktionsdatensatz, tns:NmBerechtigungsdaten_Type/tns:LetzteTransaktion, 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

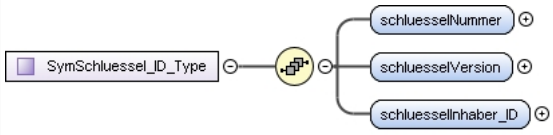
Complex Type `tns:berNmTransaktionMAC_Type`

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

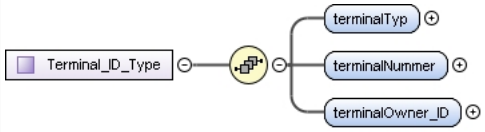
Complex Type `tns:SymSchluessel_ID_Type`

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	

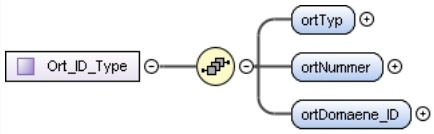
```
<xs:complexType name="SymSchluessel_ID_Type">
  <xs:annotation>
    <xs:documentation>Typ: Schluessel ID</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="schluesselNummer" type="ct:INT1"/>
    <xs:element name="schluesselVersion" type="ct:INT1"/>
    <xs:element name="schluesselInhaber_ID" 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:Terminal_ID_Type`

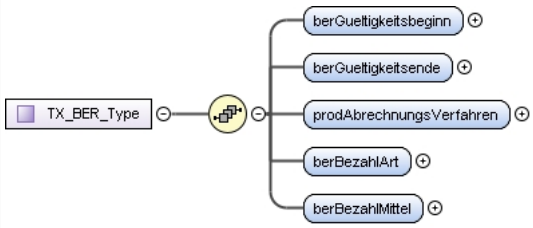
Namespace	http://vdv/ka/ion/2
Annotations	Typ: Datenstruktur Terminal_ID
Diagram	
Used by	Elements ah:TXKNAWDM_Type/logTerminal_ID, tns:AllgemeineTransaktionsdaten/tns:logTerminal_ID, tns:TXKNAWA_Type/tns:logTerminal_ID, tns:TXKNAWB_Type/tns:logTerminal_ID
Model	terminalTyp , terminalNummer , terminalOwner_ID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

Namespace	http://vdv/ka/ion/2
Annotations	`Typ: ID einer Berechtigung`
Diagram	
Used by	Elements: tns:NmVerzeichniseintragBerechtigungen_Type/tns:berBerechtigung_ID, tns:TXAEBER_Type_1_3_0/tns:berBerechtigung_ID, tns:TXANLN_Type/tns:berBerechtigung_ID, tns:TXASBER_Type/tns:berBerechtigung_ID, tns:TXAUSEFS_Type/tns:berBerechtigung_ID, tns:TXBEKODL_Type/tns:berBerechtigung_ID, tns:TXKNAWB_Type/tns:berBerechtigung_ID, tns:TXSANFB_Type/tns:berBerechtigung_ID, tns:TXSFREIMITB_Type/tns:berSperrkandidat, tns:TXSMITB_Type/tns:berSperrkandidat
Model	berechtigungNummer , kvp_ID
Children	berechtigungNummer, kvp_ID

Source	`<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>`

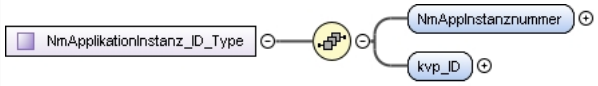
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:EFMProdukt_ID_Type`

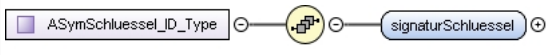
Namespace	http://vdv/ka/ion/2

Annotations	Typ: Datenstruktur EFMProdukt_ID, bestehend aus Produktverantwortlichen und Produktnummer (zusammen eindeutig)
Diagram	
Used by	Elements: tns:NmVerzeichniseintragBerechtigungen_Type/tns:prodProdukt_ID, tns:TXAEBER_Type_1_3_0/tns:prodProdukt_ID, tns:TXANLN_Type/tns:prodProdukt_ID, tns:TXASBER_Type/tns:prodProdukt_ID, tns:TXAUSEFS_Type/tns:prodProdukt_ID, tns:TXDEABER_Req_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: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

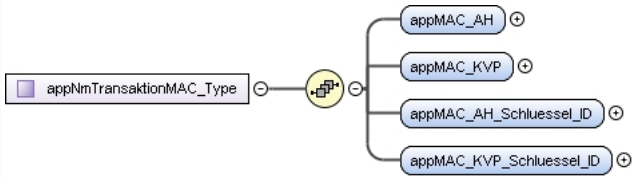
Complex Type tns:ASymSchluessel_ID_Type

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	<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>
```

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

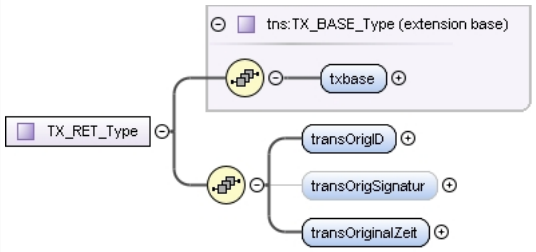
Complex Type `tns:appNmTransaktionMAC_Type`

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:TXS-NAWA_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:TX_RET_Type`

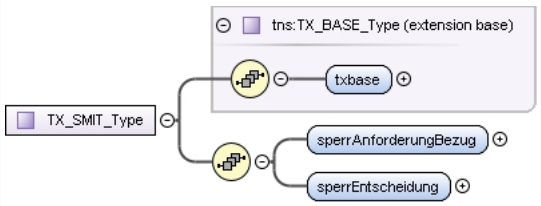
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Basisdaten fuer Antworttransaktion`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type
Used by	Complex Types ah:TX_LKAORG_Type, ah:TX_LZVMORG_Type, tns:TXA_Type, tns:TXB_Type
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit
Children	transOrigID, transOrigSignatur, transOriginalZeit, txbase
Source	

```
<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>
```

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

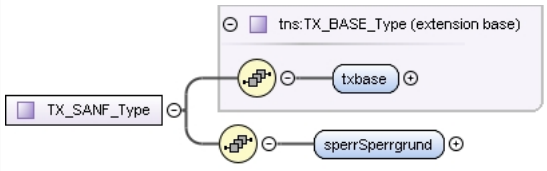
Complex Type `tns:TX_SMIT_Type`

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`

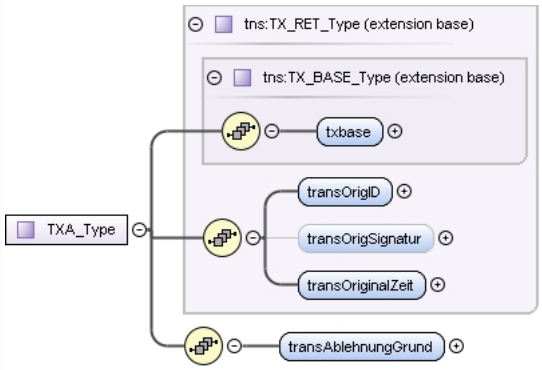
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Basisdaten fuer Sperranforderungen`
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SANF_Type
Used by	Complex Types: ah:TXSANFO_Type, ah:TXSANFS_Type, tns:TXSANFASYMK_Type, tns:TXSANFA_Type, tns:TXSANFB_Type, tns:TXSANFSYMK_Type
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

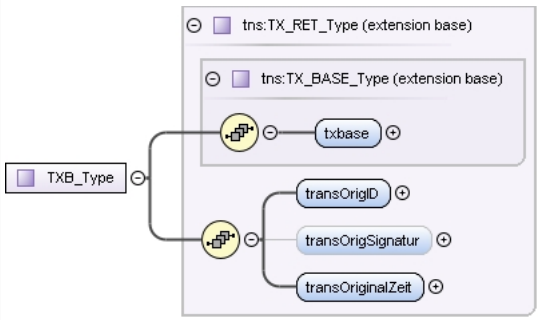
Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_RET_Type
	  • tns:TXA_Type

Used by	Elements tns:TXA, tns:TXARequest
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund
Children	transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase

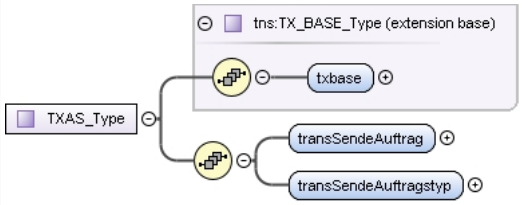
Source	<pre><xs:complexType name="TXA_Type">
	  <xs:annotation>
	  <xs:documentation>Typ: Ablehnung einer ION-Transaktion</xs:documentation>
	  </xs:annotation>
	  <xs:complexContent>
	  <xs:extension base="tns:TX_RET_Type">
	  <xs:sequence>
	  <xs:element name="transAblehnungGrund" type="ct:INT1">
	  <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></pre>

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

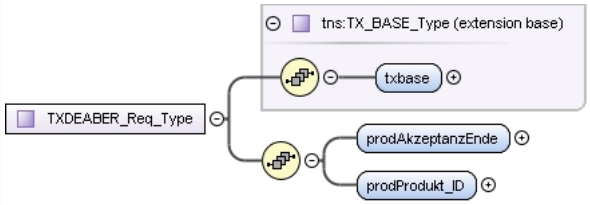
Complex Type tns:TXAS_Type

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

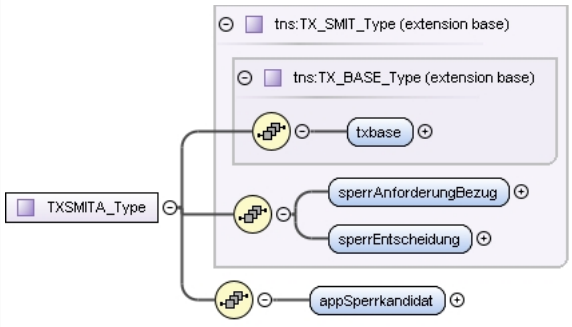
Complex Type `tns:TXDEABER_Req_Type`

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`

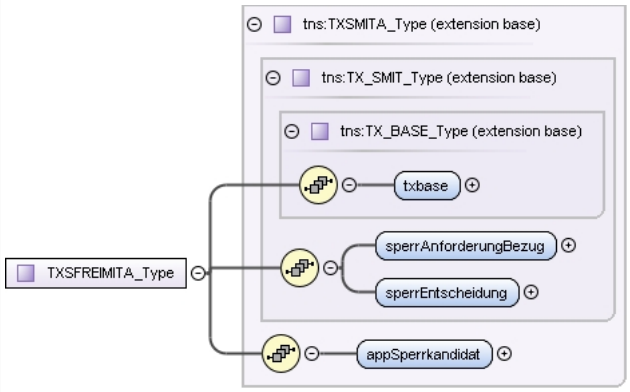
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Sperrmitteilung Applikation`
Diagram	

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

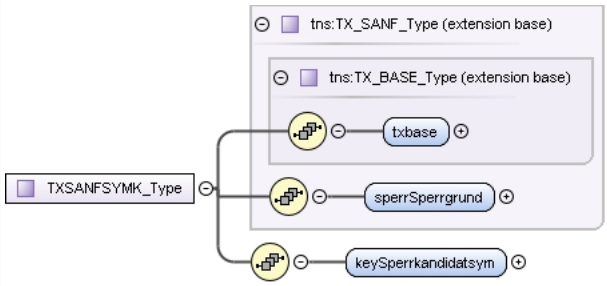
Complex Type `tns:TXSFREIMITA_Type`

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

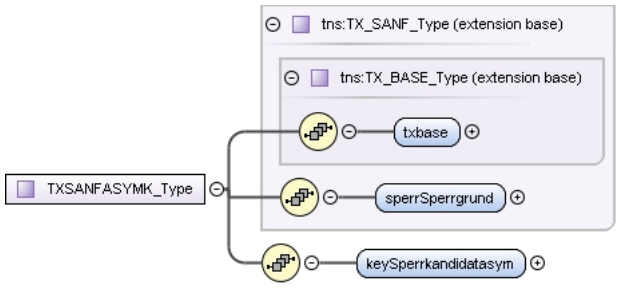
Complex Type `tns:TXSANFSYMK_Type`

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>`

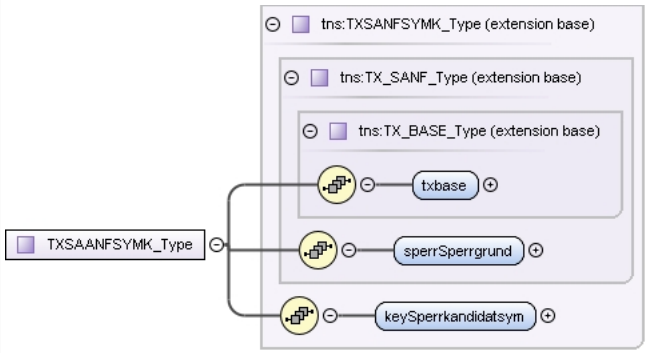
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

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

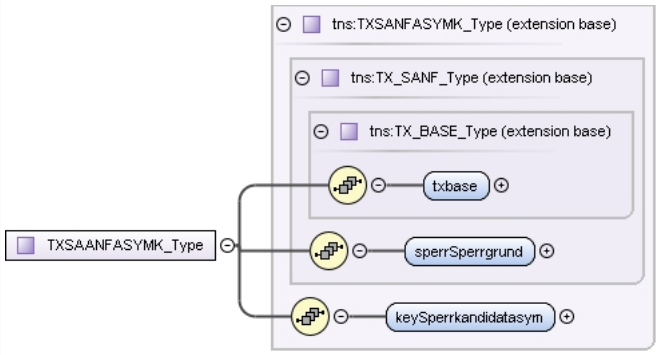
Children	keySperrkandidatasym, sperrSperrgrund, txbase
Source	<xs:complexType name="TXSANFASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer einen asymmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SANF_Type"> <xs:sequence> <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

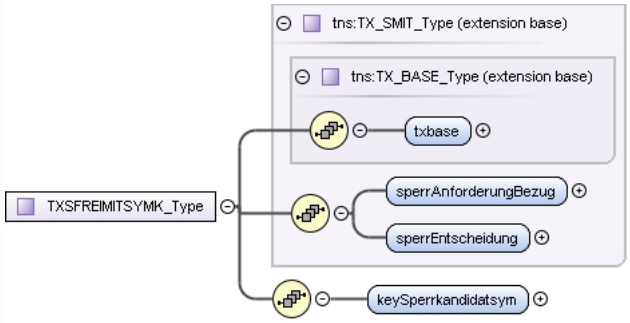
Namespace	http://vdv/ka/ion/2
Annotations	Typ: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel

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`

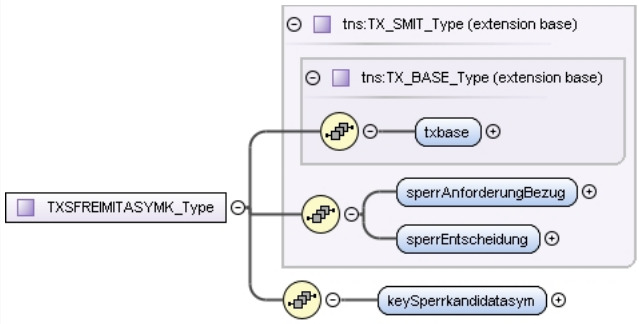
Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Sperrfreigabemitteilung symmetrischer Schluessel`
Diagram	
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITSYMK_Type
Used by	Element tns:TXSFREIMITSYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , 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

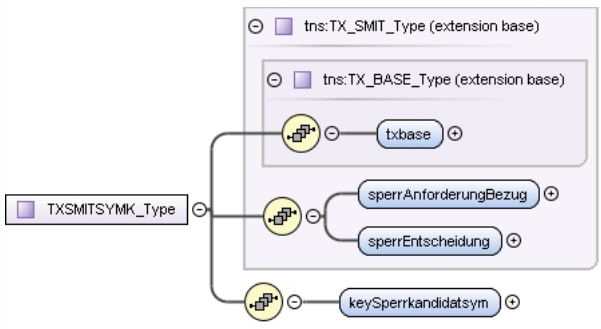
Type hierarchy	• tns:TX_BASE_Type
	  • tns:TX_SMIT_Type
	  • tns:TXSFREIMITASYMK_Type

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>`

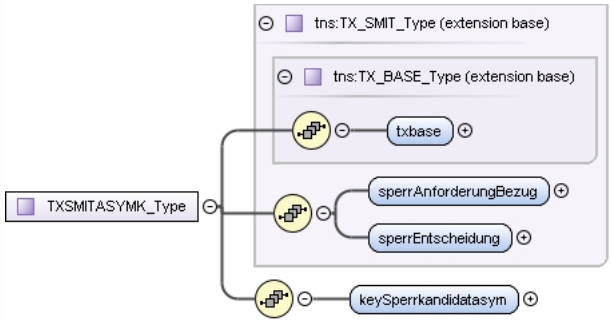
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Complex Type `tns:TXSMITSYMK_Type`

Namespace	http://vdv/ka/ion/2
Annotations	`Typ: Sperrmitteilung symmetrischer Schuessel`
Diagram	

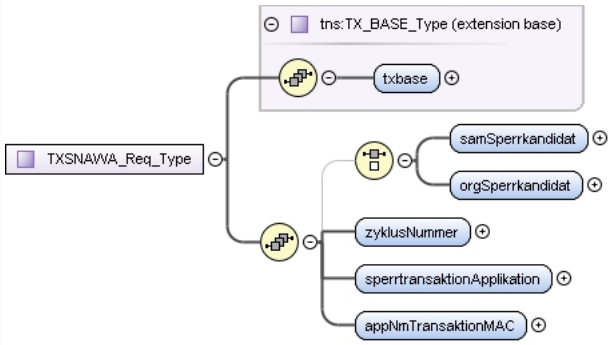
Type	extension of tns:TX_SMIT_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITSYMK_Type
Used by	Element tns:TXSMITSYMK
Model	txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym
Children	keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase
Source	<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

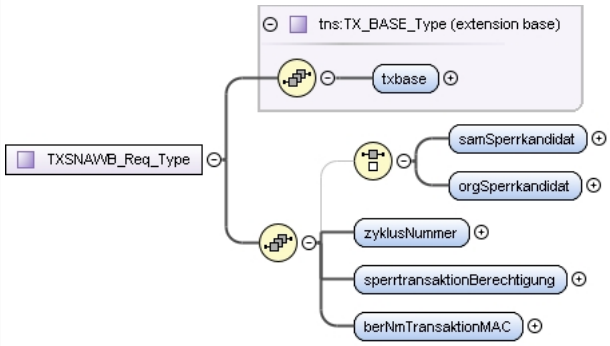
Complex Type `tns:TXSNAWA_Req_Type`

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

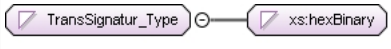
Complex Type tns:TXSNAWB_Req_Type

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

Simple Type(s)

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

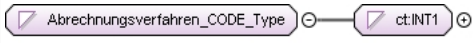
```
<xs:simpleType name="TerminalTyp_CODE_Type">
  <xs:annotation>
    <xs:documentation>Classifies terminals. From EN 1545: DeviceTypeCode. See Spec BOM table
 6-85. Der TerminalTyp_CODE klassifiziert Terminals. Die direkte Referenz auf die Aufzaehlung
 wurde im Rahmen von CR-239 entfernt und damit 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: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: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

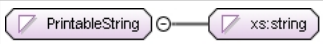
Simple Type `tns:Bezahlart_CODE_Type`

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: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: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	

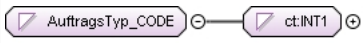
Source

```
<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

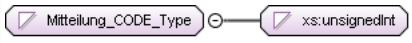
Type hierarchy	• xs:unsignedInt
	  • tns:INT1
	  • tns:AuftragsTyp_CODE

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

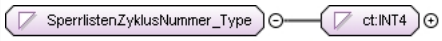
Source	`<xs:simpleType name="Mitteilung_CODE_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Typ: Mitteilung Codes BOM 6_40</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="xs:unsignedInt">`
	`  <xs:enumeration value="1"/>`
	`  <xs:enumeration value="2"/>`
	`  <xs:enumeration value="3"/>`
	`  <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

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

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

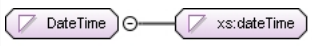
Schema(s)

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)

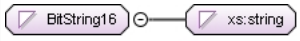
Simple Type tns:DateTime

Namespace	http://vdv/ka/common/types/2
Annotations	Datum mit Uhrzeit (nutzt den Standard)
Diagram	
Type	xs:dateTime
Used by	Elements: ah:TXLKAORG_SL_DATA_Type/ErstellungsDatum, ah:TXLZVMORG_SL_DATA_Type/ErstellungsDatum, tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt, tns:SESSION_DATA_Type/tns:DATE_TIME Simple Type: tns:SelektionKriterien_Type
Source	<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_Common_Types.xsd

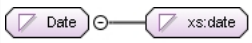
Simple Type `tns:BitString16`

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][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][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

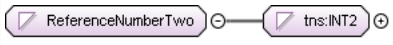
Simple Type `tns:Date`

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:ReferenceNumberFour

Namespace	http://vdv/ka/common/types/2	
Annotations	Integer der den positiven Zahlenraum von vier Bytes umfasst	
Diagram		
Type	tns:INT4	

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

Facets	maxInclusive	4294967295
	minInclusive	0
Used by	Elements	tns:Berechtigung_ID_Type/berechtigungNummer, tns:NmApplikationInstanz_ID_Type/NmAppInstanznummer, tns:SAM-Schluessel-Info_Type/tns:LoadKey-Zaehler, tns:SAM-Schluessel-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 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: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:INT1

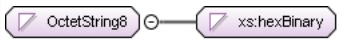
Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum eines Bytes umfasst
Diagram	
Type	restriction of xs:unsignedInt
Facets	maxInclusive 255 minInclusive 0
Used by	Simple Types tns:AHErrorCode, tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsParterRolle, tns:Kundentyp_CODE_Type, tns:NmTransaktionsTyp_CODE, tns:OrtsTyp_CODE_Type, tns:Profil_CODE_Type, tns:ReferenceNumberOne, tns:STATUS_CODE_ApplicationError_Type, tns:STATUS_CODE_EngineError_Type, tns:STATUS_CODE_EntitlementError_Type, tns:STATUS_CODE_MediumError_Type, tns:STATUS_CODE_OK_Type, tns:STATUS_CODE_PrinterError_Type, tns:STATUS_CODE_ServiceOperatorError_Type, tns:STATUS_CODE_SessionError_Type, tns:STATUS_CODE_SoftwareError_Type, tns:SequenceNumberOne, tns:ServiceKlasseExtra_CODE_Type, tns:ServiceKlasse_CODE_Type, tns:StatusCode, tns:TerminalTyp_CODE_Type, tns:TransportTypeCode_Type, tns:Validation_CODE_Type Elements tns:AllgemeineTransaktionsdaten/tns:logTransaktionsTyp.code, tns:ION_TX_HEADER_Type/transSignaturTyp, tns:ION_TX_HEADER_Type/transStatus, tns:ION_TX_HEADER_Type/transTransaktionsTyp, tns:ION_TX_HEADER_Type/transWiederholungsZaehler, tns:Mitnahme_Type/tns:mitnahmeAnzahl, tns:NmKundendaten_Type/tns:kundeSprache.code, tns:NmKundendaten_Type/tns:kundenTyp1.code, tns:NmKundendaten_Type/tns:kundenTyp2.code, tns:NmKundendaten_Type/tns:kundenTyp3.code, tns:NmSystemspezifischerVerzeichnisteil_Type/tns:zeigerSeparaterDatenteil, tns:NmVerzeichniseintragAppDaten_Type/tns:appStatus, tns:NmVerzeichniseintragAppDaten_Type/tns:appSynchronNummer, tns:NmVerzeichniseintragBerechtigungen_Type/tns:berStatus, tns:NmVerzeichniseintragLetzteTransaktion_Type/tns:logTransaktionsTyp.code, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz1, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz10, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz11, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz12, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz13, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz14, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz15, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz16, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz2, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz3, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz4, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz5, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz6, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz7, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz8, tns:NmVerzeichniseintragPrioritaeten_Type/tns:berInstanz9, tns:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchluessel_ID_Type/schluesselVersion, tns:TXA_Type/transAblehnungGrund, tns:TX_SANF_Type/sperrSpergrund
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_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

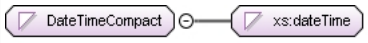
Namespace	http://vdv/ka/common/types/2
Annotations	Integer der den positiven Zahlenraum von zwei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.

Diagram	
Type	tns:INT2

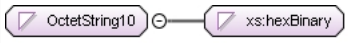
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:SequenceNumberTwo

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

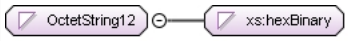
Simple Type `tns:DateTimeCompact`

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

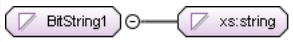
Simple Type tns:OctetString10

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/transMedien-nummer, 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:OctetString12

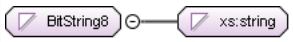
Namespace	http://vdv/ka/common/types/2
Annotations	Hexstring mit einer maximalen Laenge von 12 Byte (24 Zeichen)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 12
Used by	Element tns:ASymSchluessel_ID_Type/signaturSchluessel
Source	<xs:simpleType name="OctetString12"> <xs:annotation> <xs:documentation>Hexstring 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: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

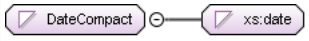
Simple Type `tns:BitString8`

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:DateCompact`

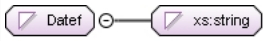
Namespace	http://vdv/ka/common/types/2
Annotations	Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschraenkt, so dass ueber eine binaere Darstellung im Nutzermedium 2 Byte ausreichend sind. 1990-01-01 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02 (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:Datef`

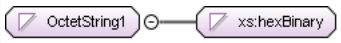
Namespace	http://vdv/ka/common/types/2
Annotations	BCD codierte Darstellung eines Datums als "Hexstring" in der Form yyyymmdd. "00000000" ist fuer "keine Angabe". Die Einschraenkung von 00010101 bis 99991231 wie in der BOM gefordert wird ueber das Pattern abgebildet.

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

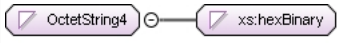
Simple Type `tns:OctetString1`

Namespace	http://vdv/ka/common/types/2
Annotations	Hexstring mit einer maximalen Laenge von 1 Byte (2 Zeichen)
Diagram	
Type	restriction of xs:hexBinary
Facets	length 1
Used by	Elements tns:NmVerzeichniseintragSchluesselregister_Type/tns:RFU1, tns:NmVerzeichniseintragSchluesselregister_Type/tns:RFU2, tns:Schluesselversionen_Type/tns:K-ERF-KM-MAC, tns:Schluesselversionen_Type/tns:K-KVP-KM-MAC, tns:Schluesselversionen_Type/tns:K-PV-KM-MAC

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

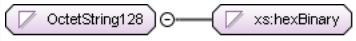
Simple Type `tns:OctetString4`

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

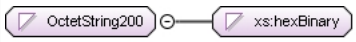
Source	`<xs:simpleType name="OctetString4">`
	`<xs:annotation>`
	`<xs:documentation>Hexstring mit einer maximalen Laenge von 4 Byte (8 Zeichen)</xs:documentation>`
	`</xs:annotation>`
	`<xs:restriction base="xs:hexBinary">`
	`<xs:length value="4" fixed="true"/>`
	`</xs:restriction>`
	`</xs:simpleType>`

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: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: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: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"

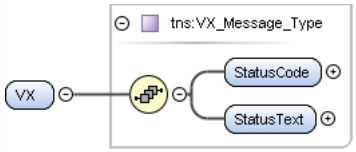
Schema(s)

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:TXSNAWB_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

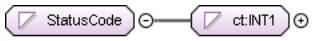
Used by	Elements	tns:IONTransaktion_ID_Type/transSenderRolle, tns:ION_TX_HEADER_Type/transEmpfaengerRolle, tns:Kundenrolle_Type/rollencode, tns:OrgIDRolleRoute_Type/rollencode

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	

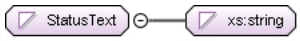
Source

```
<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>
```

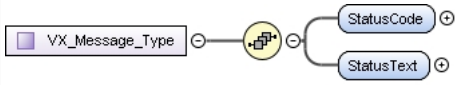
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd

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/ah/2"

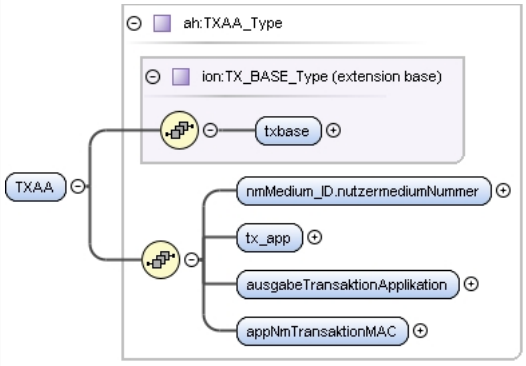
Schema(s)

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	

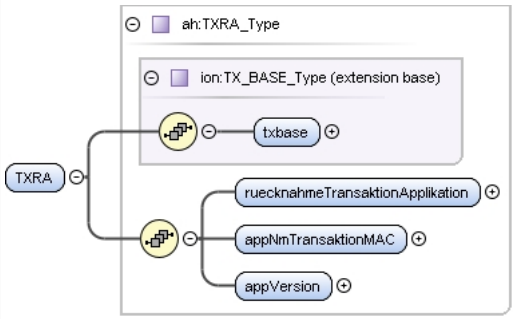
Element(s)

Element ah:TXAA

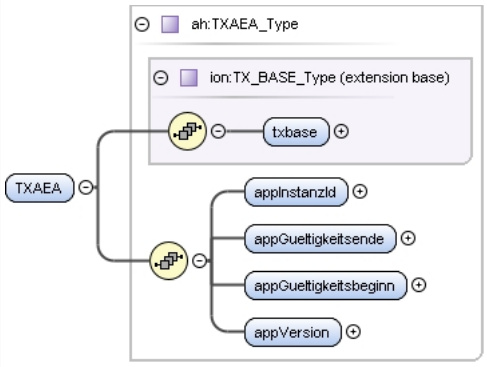
Namespace	http://vdv/ka/ah/2
Annotations	Element: Ausgabe einer Applikation
Diagram	
Type	ah:TXAA_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXAA_Type
Properties	content: complex
Used by	Complex Types: tns:TXAGBBER_Type, tns:TXANTWORT_Type
Model	txbase , nmMedium_ID.nutzermediumNummer , tx_app , ausgabeTransaktionApplikation , 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

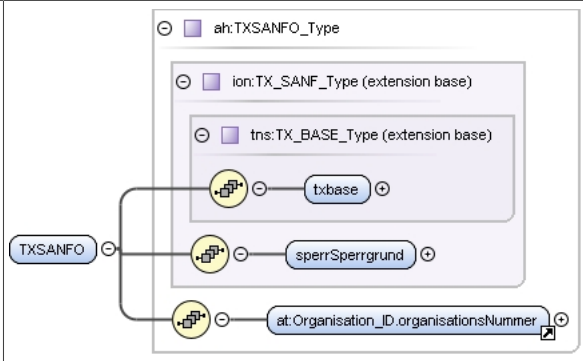
Type hierarchy	• tns:TX_BASE_Type • ah:TXAEA_Type
Properties	content: complex
Used by	Complex Type tns:TXAENDBER_Type
Model	txbase , appInstanzId , appGueltigkeitsende , appGueltigkeitsbeginn , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanzId, appVersion, txbase

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

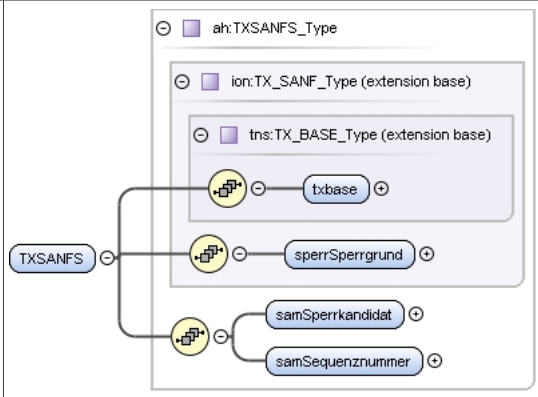
Instance	`<ah:TXSANFO xmlns:ah="http://vdv/ka/ah/2" xmlns:at="http://vdv/ka/ah/types/2">`
	`  <txbase>{1,1}</txbase>`
	`  <sperrSperrgrund>{1,1}</sperrSperrgrund>`
	`  <at:Organisation_ID.organisationsNummer>{1,1}</at:Organisation_ID.organisationsNummer>`
	`</ah:TXSANFO>`

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

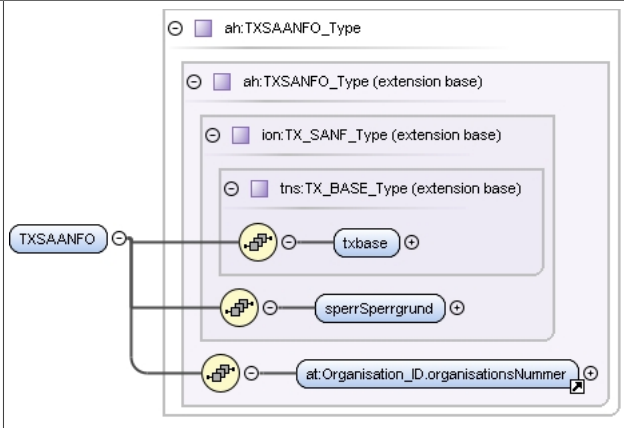
Properties	content: complex
Model	txbase , sperrSperrgrund , samSperrkandidat , samSequenznummer
Children	samSequenznummer, samSperrkandidat, sperrSperrgrund, txbase

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

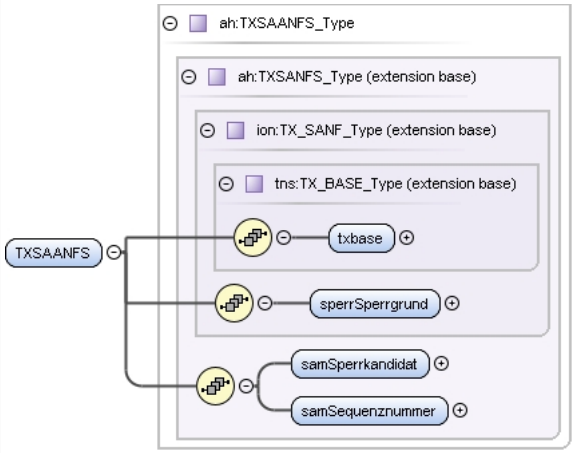
Element ah:TXSAANFO

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

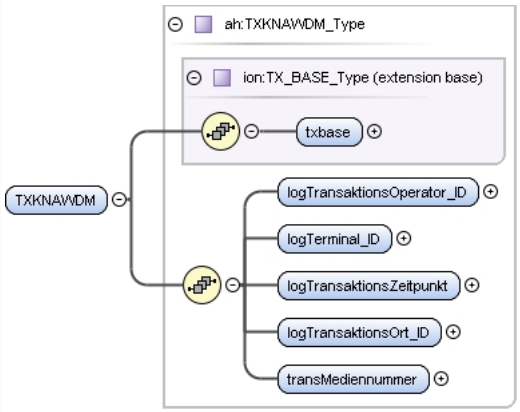
Properties	content: complex
Model	txbase , sperrSperrgrund , tns:Organisation_ID.organisationsNummer
Children	sperrSperrgrund, tns:Organisation_ID.organisationsNummer, txbase
Instance	<ah:TXSAANFO xmlns:ah="http://vdv/ka/ah/2" xmlns:at="http://vdv/ka/ah/types/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</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

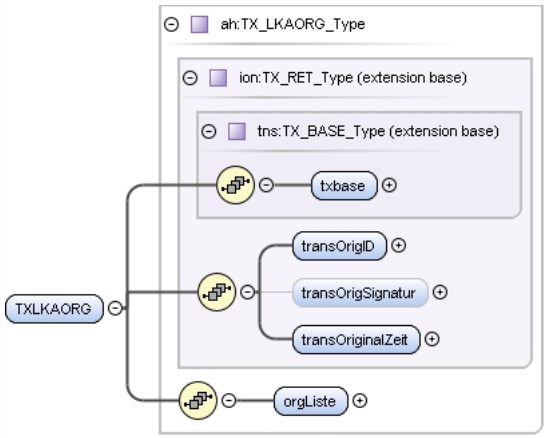
Annotations	`Element: Kontrollnachweis Defektes Medium`
Diagram	
Type	ah:TXKNAWDM_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXKNAWDM_Type
Properties	content: complex
Model	txbase , logTransaktionsOperator_ID , logTerminal_ID , logTransaktionsZeitpunkt , logTransaktionsOrt_ID , transMediennummer
Children	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>`

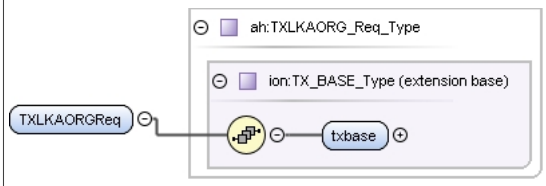
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

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

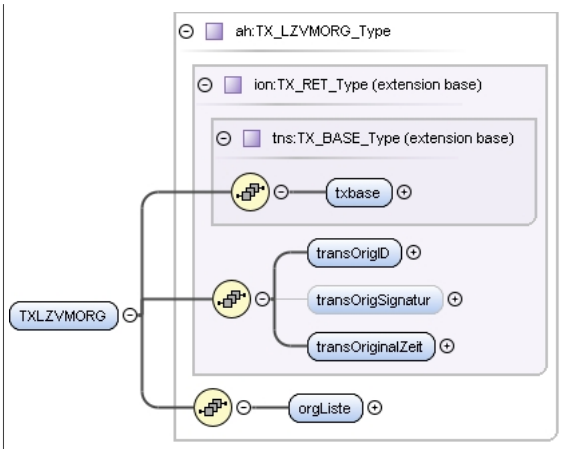
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
Instance	<ah:TXLKAORG xmlns:ah="http://vdv/ka/ah/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</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

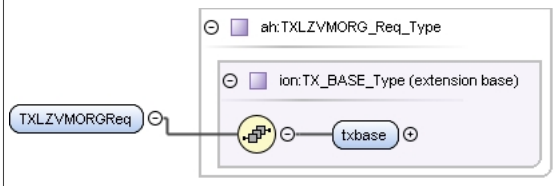
Diagram	
Type	ah:TX_LZVMORG_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • ah:TX_LZVMORG_Type
Properties	content: complex
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase

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

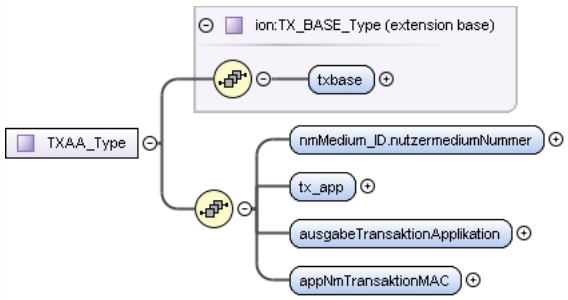
Instance	`<ah:TXLZVMORGReq xmlns:ah="http://vdv/ka/ah/2">`
	`<txbase>{1,1}</txbase>`
	`</ah:TXLZVMORGReq>`

Source	`<xs:element name="TXLZVMORGReq" type="ah:TXLZVMORG_Req_Type">` `<xs:annotation>`

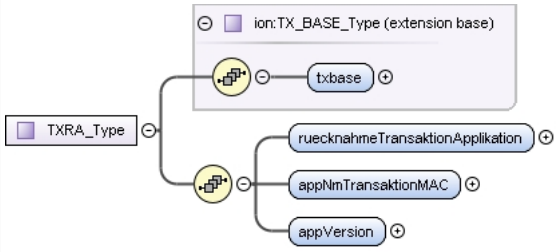
	<xs:documentation>Element: Dienstanfrage: "Liste der Organisationen."</xs:documentation> </xs:annotation> </xs:element>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Complex Type(s)

Complex Type ah : TXAA_Type

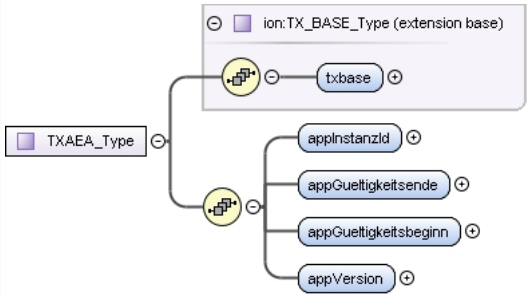
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Ausgabe einer Applikation
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXAA_Type
Used by	Element ah:TXAA
Model	txbase , nmMedium_ID.nutzermediumNummer , tx_app , ausgabeTransaktionApplikation , appNmTransaktionMAC
Children	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

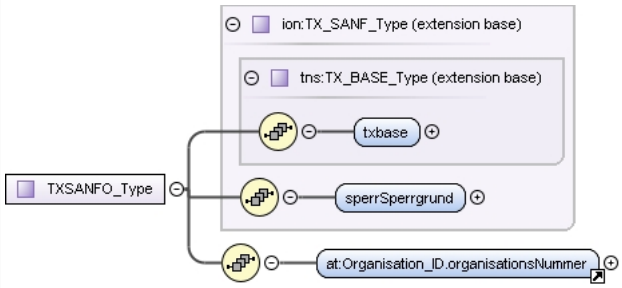
	• ah:TXRA_Type
Used by	Element ah:TXRA
Model	txbase , ruecknahmeTransaktionApplikation , appNmTransaktionMAC , appVersion
Children	appNmTransaktionMAC, appVersion, ruecknahmeTransaktionApplikation, txbase
Source	<xs:complexType name="TXRA_Type"> <xs:annotation> <xs:documentation>Typ: Ruecknahme einer 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

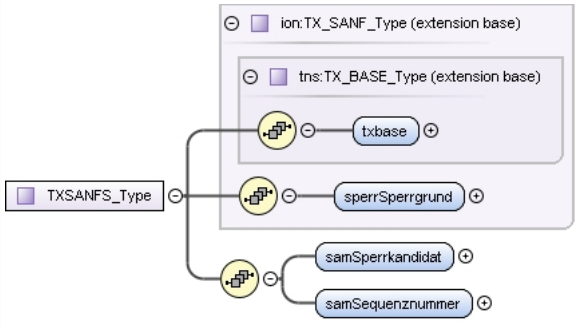
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperranforderung fuer eine Organisation

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

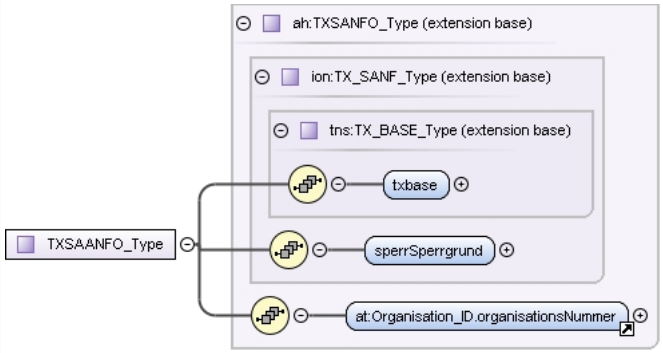
Complex Type ah:TXSANFS_Type

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>
```

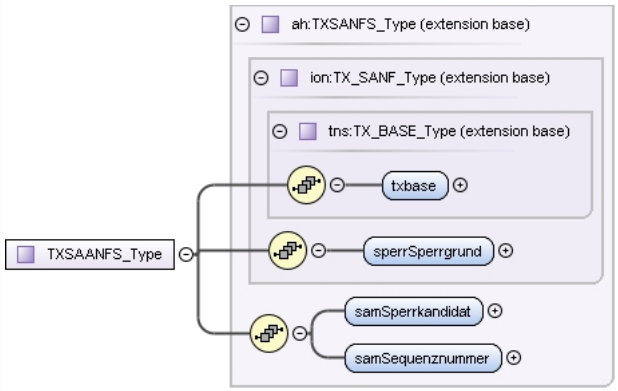
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

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

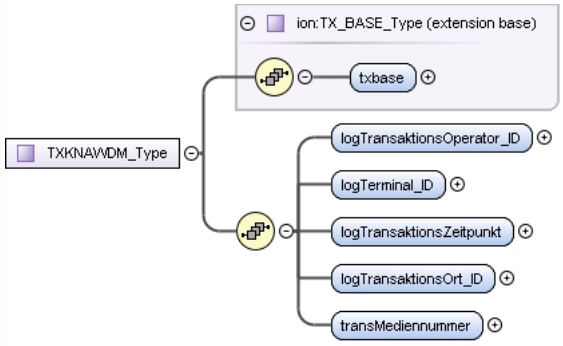
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Sperraufhebungsanforderung fuer eine SAM

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

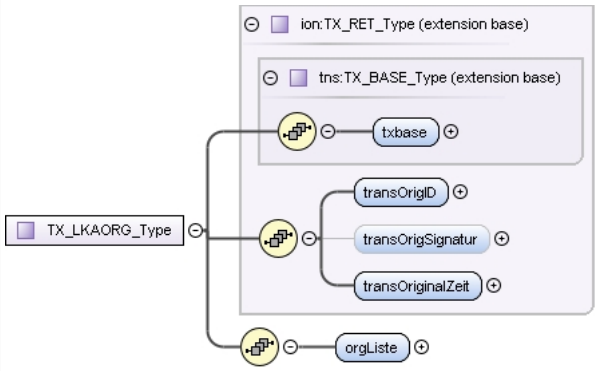
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Kontrollnachweis Defektes Medium
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXKNAWDM_Type
Used by	Element ah:TXKNAWDM
Model	txbase , logTransaktionsOperator_ID , logTerminal_ID , logTransaktionsZeitpunkt , logTransaktionsOrt_ID , 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>`

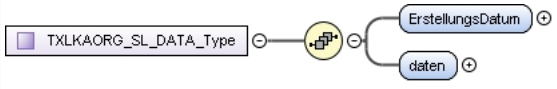
```
  <xs:complexContent>
    <xs:extension base="ion:TX_BASE_Type">
      <xs:sequence>
        <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>
        <xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/>
        <xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>
        <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

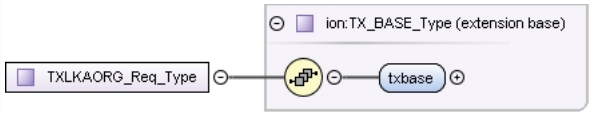
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Liste der Organisationen incl. deren zugeordneten Rollen
Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • ah:TX_LKAORG_Type
Used by	Element ah:TXLKAORG
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , 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

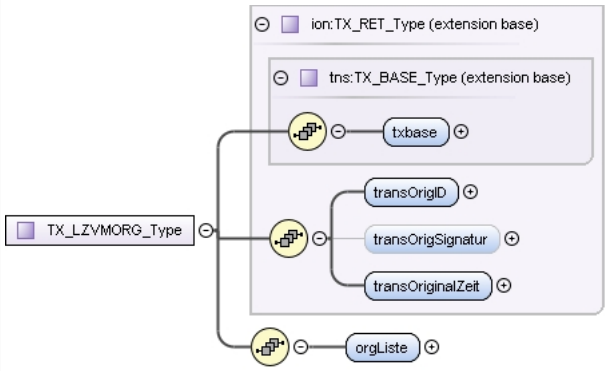
Model	ErstellungsDatum , daten
Children	ErstellungsDatum, daten
Source	<xs:complexType name="TXLKAORG_SL_DATA_Type"> <xs:annotation> <xs:documentation>Typ: Organisationsliste aller Organisationen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ErstellungsDatum" type="ct:DateTime"> <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

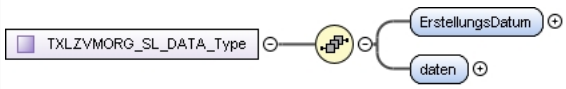
Namespace	http://vdv/ka/ah/2
Annotations	Typ: Dienstanfrage: "Liste der Organisationen."
Diagram	
Type	extension of tns:TX_BASE_Type
Type hierarchy	• tns:TX_BASE_Type • ah:TXLKAORG_Req_Type
Used by	Element ah:TXLKAORGReq
Model	txbase
Children	txbase
Source	<xs:complexType name="TXLKAORG_Req_Type"> <xs:annotation> <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

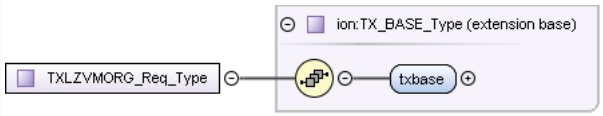
Diagram	
Type	extension of tns:TX_RET_Type
Type hierarchy	• tns:TX_BASE_Type • tns:TX_RET_Type • ah:TX_LZVMORG_Type
Used by	Element ah:TXLZVMORG
Model	txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , orgListe
Children	orgListe, transOrigID, transOrigSignatur, transOriginalZeit, txbase
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"

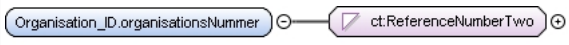
Schema(s)

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

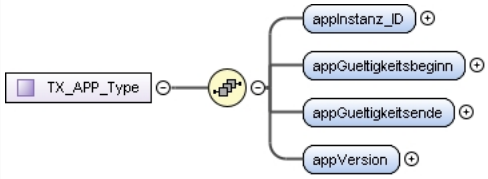
Type hierarchy	• xs:unsignedInt
	  • tns:INT2
	  • tns:ReferenceNumberTwo

Properties	content: simple
Facets	maxInclusive 65535

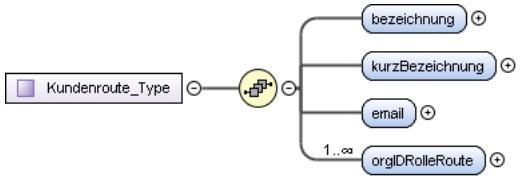
	minInclusive	0
Used by	Complex Types	ah:TXSAANFO_Type, ah:TXSANFO_Type
Source	<xs:element name="Organisation_ID.organisationsNummer" type="ct:ReferenceNumberTwo"> <xs:annotation> <xs:documentation>Element: Organisation_ID.organisationsNummer</xs:documentation> </xs:annotation> </xs:element>	
Schema location	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`

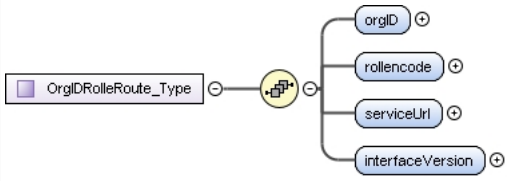
Namespace	http://vdv/ka/ah/types/2
Annotations	Typ: Basisdaten fuer Applikationstransaktionen
Diagram	
Used by	Element ah:TXAA_Type/tx_app
Model	appInstanz_ID , appGueltigkeitsbeginn , appGueltigkeitsende , appVersion
Children	appGueltigkeitsbeginn, appGueltigkeitsende, appInstanz_ID, appVersion
Source	<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

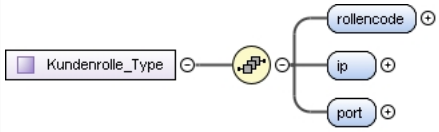
Complex Type `tns:OrgIDRolleRoute_Type`

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`

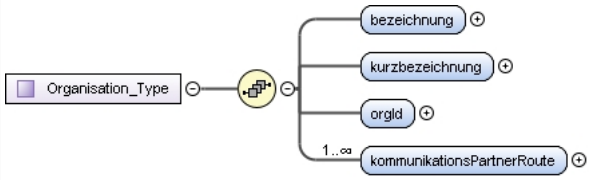
Namespace	http://vdv/ka/ah/types/2
Annotations	`Typ: Kundenrolle beinhaltet nur die im AHS zugewiesene Rolle. Die Attribute IP-Adresse und Port sind obsolete und beinhalten konstante Werte`
Diagram	
Used by	Element tns:Organisation_Type/kommunikationsPartnerRoute
Model	rollencode , ip , port
Children	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

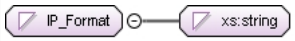
Complex Type `tns:Organisation_Type`

Namespace	http://vdv/ka/ah/types/2
Annotations	`Typ: Im AHS registrierte Organisation mit Bezeichnung, allen OrgIds und jeweiligen Rollen`

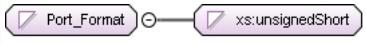
Diagram	
Model	bezeichnung , kurzbezeichnung , orgId , kommunikationsPartnerRoute+
Children	bezeichnung, kommunikationsPartnerRoute, kurzbezeichnung, orgId
Source	<xs:complexType name="Organisation_Type"> <xs:annotation> <xs:documentation>Typ: Im AHS registrierte Organisation mit Bezeichnung, allen OrgIds 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)

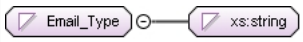
Simple Type `tns:IP_Format`

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	

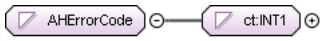
Simple Type `tns:Email_Type`

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>
```

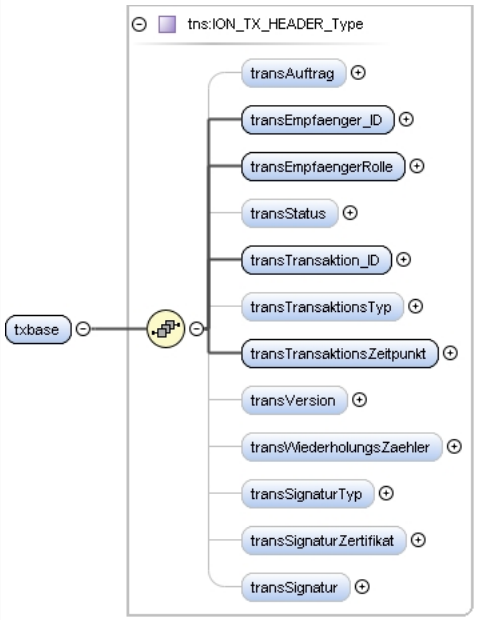
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

Namespace: ""

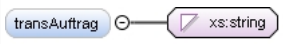
Element(s)

Element `tns: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

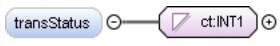
Element tns:ION_TX_HEADER_Type / transEmpfaenger_ID

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

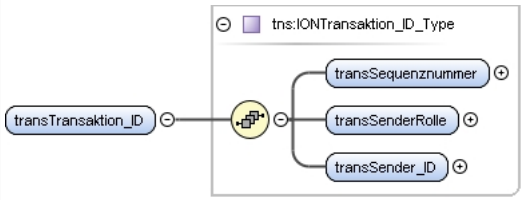
Namespace	No namespace	
Annotations	Rolle des Nachrichtenempfaengers	
Diagram		
Type	tns:KommunikationsParterRolle	
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle	
Properties	content: simple	
Facets	maxInclusive 255	
	minInclusive 0	
	enumeration 0	Unbekannt
	enumeration 1	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

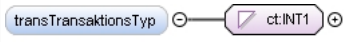
Namespace	No namespace
Diagram	
Type	tns:KommunikationsParterRolle

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

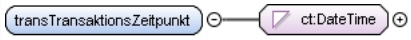
Namespace	No namespace
Diagram	
Type	tns:Organisation_ID
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID
Properties	content: simple
Facets	maxInclusive 65535 minInclusive 0
Source	<xs:element name="transSender_ID" type="ka:Organisation_ID"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/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

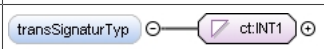
Element tns:ION_TX_HEADER_Type / transVersion

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][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	

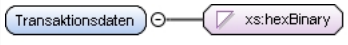
Element tns:ION_TX_HEADER_Type / transSignaturZertifikat

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: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:berNmTransaktionMAC_Type / berMAC_PV

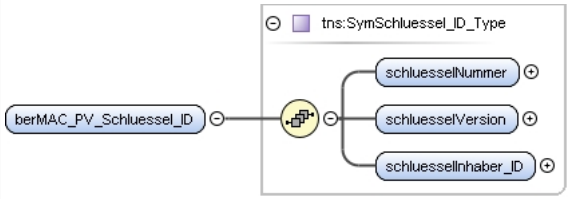
Namespace	No namespace

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

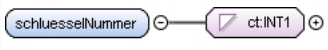
Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schluessel_ID

Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion

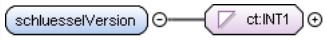
Instance	`<berMAC_PV_Schluessel_ID>`
	`  <schluesselNummer>{1,1}</schluesselNummer>`
	`  <schluesselVersion>{1,1}</schluesselVersion>`
	`  <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID>`
	`</berMAC_PV_Schluessel_ID>`

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: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

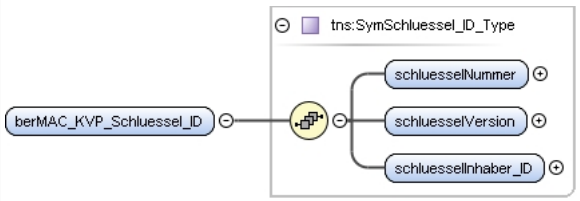
Element tns:SymSchluessel_ID_Type / schluesselVersion

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: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:Ort_ID_Type / ortTyp

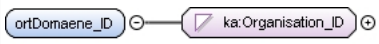
Namespace	No namespace
Diagram	

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: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 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: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: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:appNmTransaktionMAC_Type / appMAC_AH

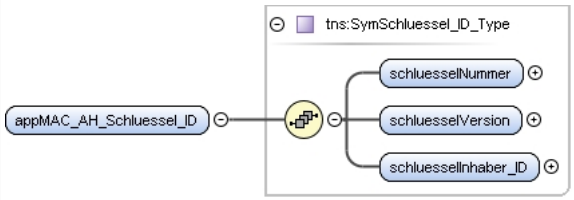
Namespace	No namespace
Diagram	
Type	tns:OctetString8
Properties	content: simple
Facets	length 8
Source	`<xs:element name="appMAC_AH" type="ct:OctetString8"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:appNmTransaktionMAC_Type / appMAC_KVP

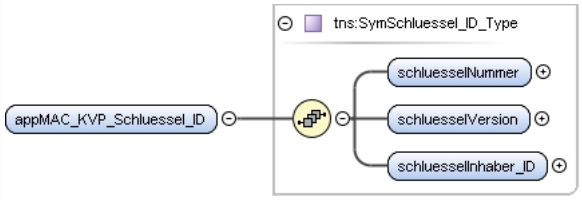
Namespace	No namespace
Diagram	
Type	tns:OctetString8
Properties	content: simple
Facets	length 8
Source	`<xs:element name="appMAC_KVP" type="ct:OctetString8"/>`
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID

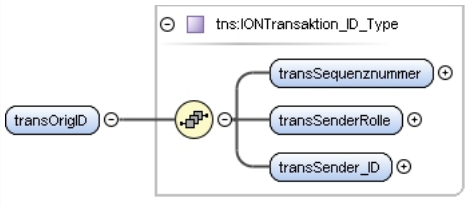
Namespace	No namespace

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:TX_RET_Type / transOrigID

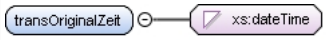
Namespace	No namespace
Diagram	
Type	tns:IONTransaktion_ID_Type
Properties	content: complex
Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Instance	<transOrigID> <transSequenznummer>{1,1}</transSequenznummer>

	<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

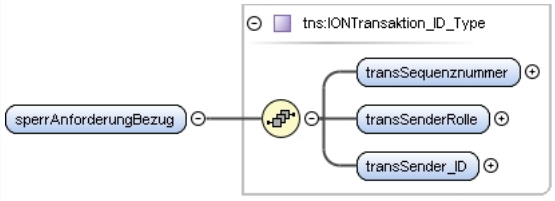
Element tns:TX_RET_Type / transOrigSignatur

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

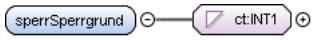
Namespace	No namespace
Diagram	
Type	tns:IONTransaktion_ID_Type
Properties	content: complex
Model	transSequenznummer , transSenderRolle , transSender_ID
Children	transSenderRolle, transSender_ID, transSequenznummer
Instance	<sperrAnforderungBezug> <transSequenznummer>{1,1}</transSequenznummer> <transSenderRolle>{1,1}</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

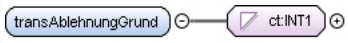
Namespace	No namespace

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

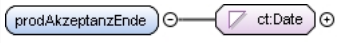
Element tns:TXAS_Type / transSendeAuftrag

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

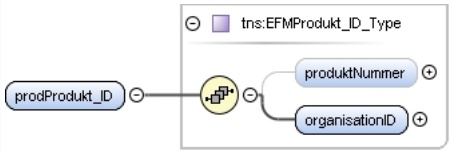
Namespace	No namespace
Diagram	
Type	tns:AuftragsTyp_CODE
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:AuftragsTyp_CODE
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0
Source	<xs:element name="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/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

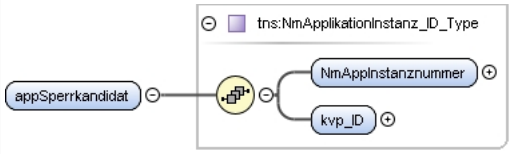
Element `tns:TXDEABER_Req_Type / prodProdukt_ID`

Namespace	No namespace
Diagram	
Type	tns:EFMProdukt_ID_Type
Properties	content: complex
Model	produktNummer{0,1} , organisationID
Children	organisationID, produktNummer

Instance	<pre><prodProdukt_ID>
	  <produktNummer>{0,1}</produktNummer>
	  <organisationID>{1,1}</organisationID>
	</prodProdukt_ID></pre>

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

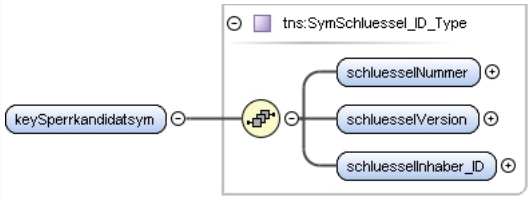
Element `tns:TXSMITA_Type / appSperrkandidat`

Namespace	No namespace
Diagram	
Type	tns:NmApplikationInstanz_ID_Type
Properties	content: complex nillable: false
Model	NmAppInstanznummer , kvp_ID
Children	NmAppInstanznummer, kvp_ID

Instance	<pre><appSperrkandidat>
	  <NmAppInstanznummer>{1,1}</NmAppInstanznummer>
	  <kvp_ID>{1,1}</kvp_ID>
	</appSperrkandidat></pre>

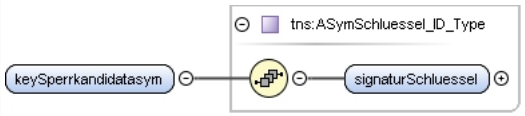
Source	<pre><xs:element name="appSperrkandidat" type="tns:NmApplikationInstanz_ID_Type" nillable="false"/></pre>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd

Element `tns:TXSANFSYMK_Type / keySperrkandidatsym`

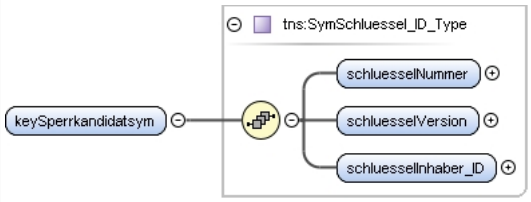
Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion

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

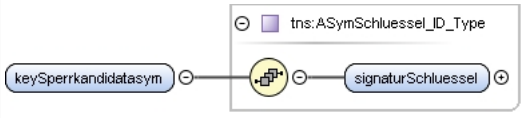
Element tns:TXSANFASYMK_Type / keySperrkandidatasym

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

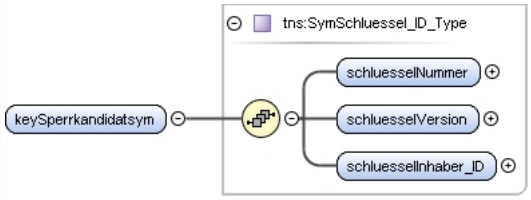
Namespace	No namespace
Diagram	
Type	tns:SymSchluessel_ID_Type
Properties	content: complex
Model	schluesselNummer , schluesselVersion , schluesselInhaber_ID
Children	schluesselInhaber_ID, schluesselNummer, schluesselVersion
Instance	<keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</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

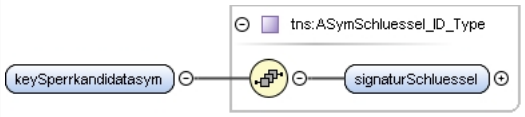
Namespace	No namespace
Diagram	
Type	tns:ASymSchluessel_ID_Type
Properties	content: complex

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 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

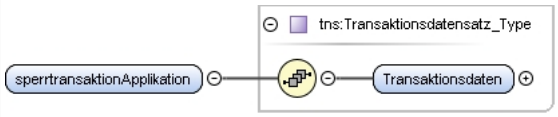
Element tns:TXSNAWA_Req_Type / orgSperrkandidat

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

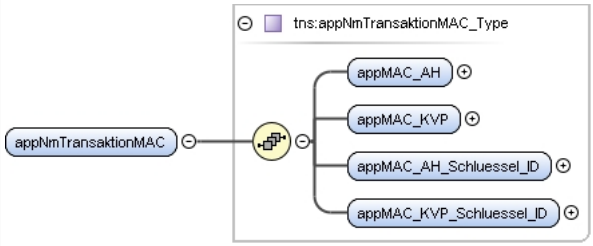
Element tns:TXSNAWA_Req_Type / zyklusNummer

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: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

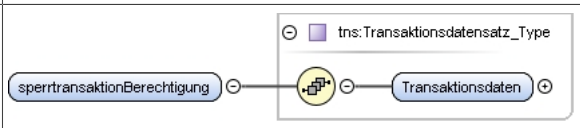
Element tns:TXSNAWB_Req_Type / orgSperrkandidat

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

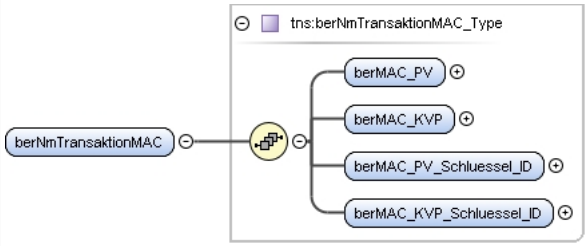
Namespace	No namespace
Annotations	Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, 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 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		

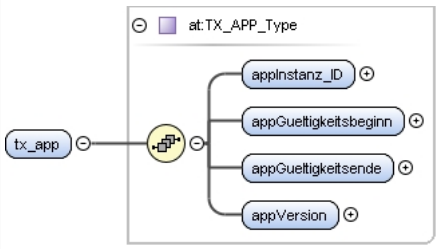
Element tns:VX_Message_Type / StatusText

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 ah:TXAA_Type / nmMedium_ID.nutzermediumNummer

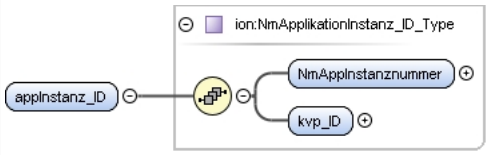
Namespace	No namespace
Diagram	
Type	tns:OctetString10
Properties	content: simple
Facets	length 10
Source	<xs:element name="nmMedium_ID.nutzermediumNummer" type="ct:OctetString10"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

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	

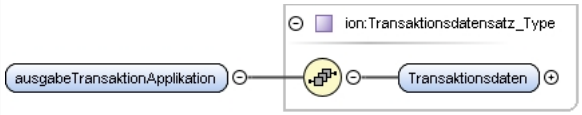
Element tns:TX_APP_Type / appGueltigkeitsende

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	

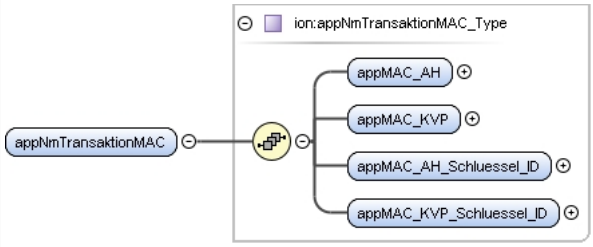
Element tns:TX_APP_Type / appVersion

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

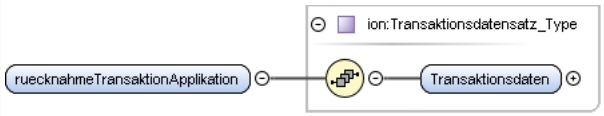
Element ah:TXAA_Type / ausgabeTransaktionApplikation

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

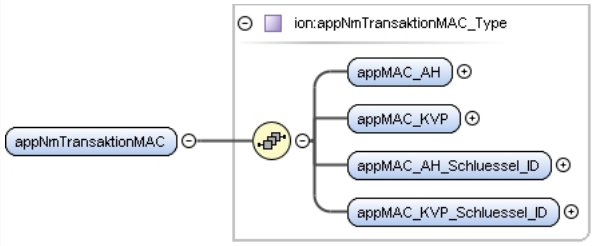
Element ah:TXAA_Type / appNmTransaktionMAC

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 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

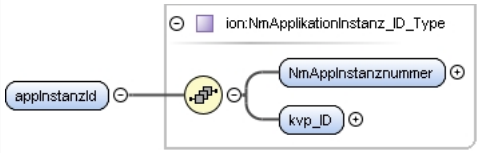
Element ah:TXRA_Type / appNmTransaktionMAC

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	

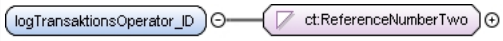
Element ah:TXSANFS_Type / samSperrkandidat

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

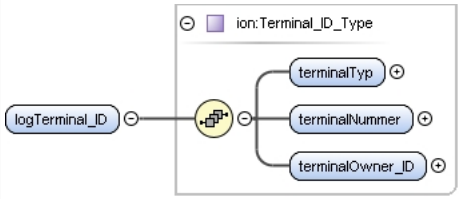
Namespace	No namespace	
Diagram		
Type	tns:SequenceNumberFour	
Type hierarchy	• xs:unsignedInt • tns:INT4 • tns:SequenceNumberFour	
Properties	content:	simple
Facets	maxInclusive	4294967295
	minInclusive	0
Source	<xs:element name="samSequenznummer" type="ct:SequenceNumberFour"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd	

Element ah:TXKNAWDM_Type / logTransaktionsOperator_ID

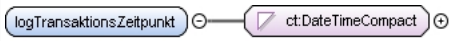
Namespace	No namespace	
Diagram		
Type	tns:ReferenceNumberTwo	
Type hierarchy	• xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo	
Properties	content:	simple
Facets	maxInclusive	65535
	minInclusive	0
Source	<xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/>	

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

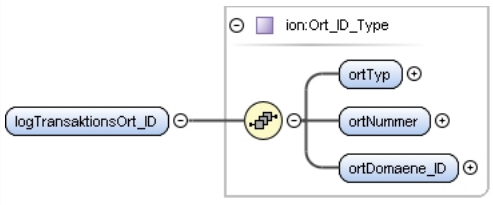
Element ah:TXKNAWDM_Type / logTerminal_ID

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

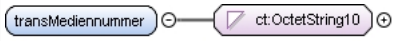
Namespace	No namespace
Diagram	
Type	tns:DateTimeCompact
Properties	content: simple
Facets	maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00
Source	<xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXKNAWDM_Type / logTransaktionsOrt_ID

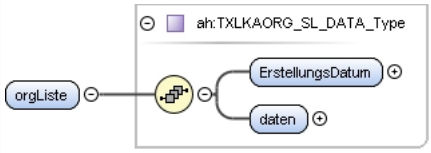
Namespace	No namespace
Diagram	
Type	tns:Ort_ID_Type
Properties	content: complex
Model	ortTyp , ortNummer , ortDomaene_ID
Children	ortDomaene_ID, ortNummer, ortTyp
Instance	<logTransaktionsOrt_ID> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </logTransaktionsOrt_ID>

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

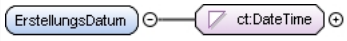
Element ah:TX_LKAORG_Type / orgListe

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>`

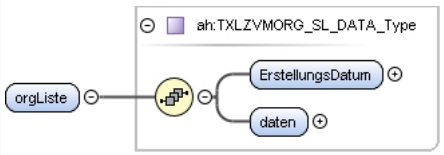
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/2/XML-Schema_AH.xsd

Element ah:TXLKAORG_SL_DATA_Type / daten

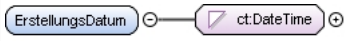
Namespace	No namespace
Annotations	Dieses Element enthaelt die Organisationlistenmassendaten. Die Daten liegen in einem XML Format vor, die im zip Format komprimiert sind. Die den Daten zugrundeliegende Strukturdefinition ist im Schema http://vdv/ka/ah/attachments

	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

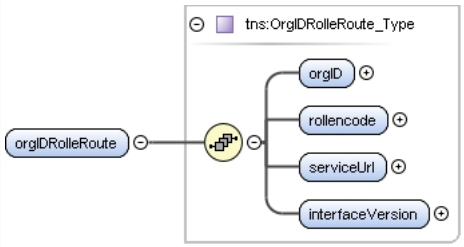
Namespace	No namespace
Diagram	
Type	tns:PrintableString
Properties	content: simple nillable: true
Facets	pattern [-þ]*
Source	<xs:element name="kurzBezeichnung" type="ion:PrintableString" nillable="true"/>
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd

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

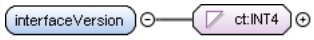
Namespace	No namespace
Diagram	
Type	tns:KommunikationsParterRolle
Type hierarchy	• xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle
Properties	content: simple
Facets	maxInclusive 255 minInclusive 0

	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		

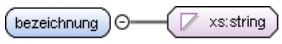
Element tns:Kundenrolle_Type / ip

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	

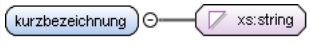
Element tns:Kundenrolle_Type / port

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

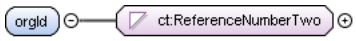
Namespace	No namespace	
Diagram		
Type	xs:string	
Properties	content:	simple
Source	<xs:element name="bezeichnung" type="xs:string"/>	
Schema location	file:/C:/tmp/KA-Interfaces/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ah/types/2/XML-Schema_AH_Types.xsd	

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

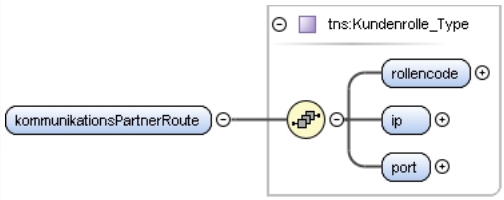
Element `tns:Organisation_Type / orgId`

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