Schema documentation for DR-GW-Radio.xsd

november 5, 2024

Table of Contents

Namespace: "DR-GW-Interface/DR-GW-Radio"

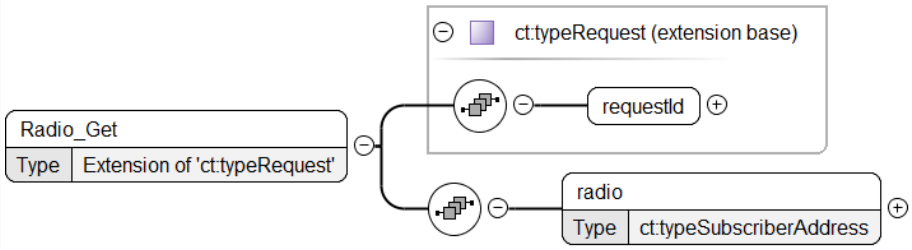
Schema(s)

Main schema `DR-GW-Radio.xsd`

Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	`Version 1.2`
Properties	attribute form default: `unqualified` element form default: `qualified`

Element(s)

Element `Radio_Get`

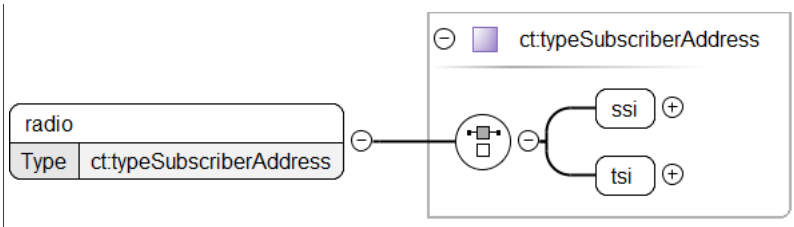
Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	• ct:typeRequest
Properties	content: `complex`
Model	ct:requestId , radio
Children	ct:requestId, radio

Instance	`<Radio_Get xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:requestId>{1,1}</ct:requestId>`
	`  <radio>{1,1}</radio>`
	`</Radio_Get>`

Source	`<xs:element name="Radio_Get">`
	`  <xs:annotation>`
	`  <xs:documentation/>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:complexContent>`
	`  <xs:extension base="ct:typeRequest">`
	`  <xs:sequence>`
	`  <xs:element name="radio" type="ct:typeSubscriberAddress"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`  </xs:complexType>`
	`</xs:element>`

Element `Radio_Get / radio`

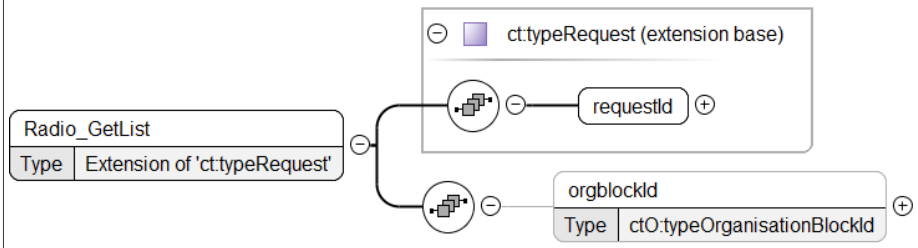
Namespace	DR-GW-Interface/DR-GW-Radio

Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi

Instance	`<radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:ssi>{1,1}</ct:ssi>`
	`  <ct:tsi>{1,1}</ct:tsi>`
	`</radio>`

Source	`<xs:element name="radio" type="ct:typeSubscriberAddress"/>`

Element Radio_GetList

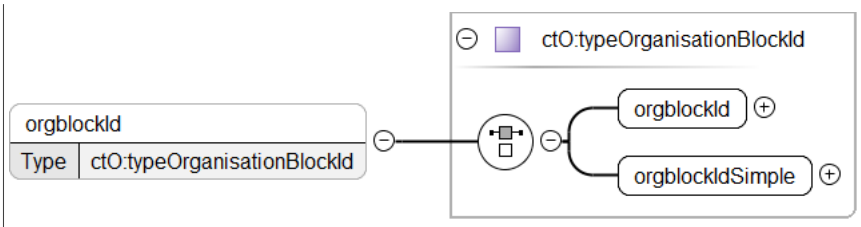
Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	• ct:typeRequest
Properties	content: complex
Model	ct:requestId , orgblockId{0,1}
Children	ct:requestId, orgblockId

Instance	`<Radio_GetList xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:requestId>{1,1}</ct:requestId>`
	`  <orgblockId>{0,1}</orgblockId>`
	`</Radio_GetList>`

Source	`<xs:element name="Radio_GetList">`
	`  <xs:annotation>`
	`  <xs:documentation/>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:complexContent>`
	`  <xs:extension base="ct:typeRequest">`
	`  <xs:sequence>`
	`  <xs:element name="orgblockId" type="ctO:typeOrganisationBlockId" minOccurs="0"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`  </xs:complexType>`
	`</xs:element>`

Element Radio_GetList / orgblockId

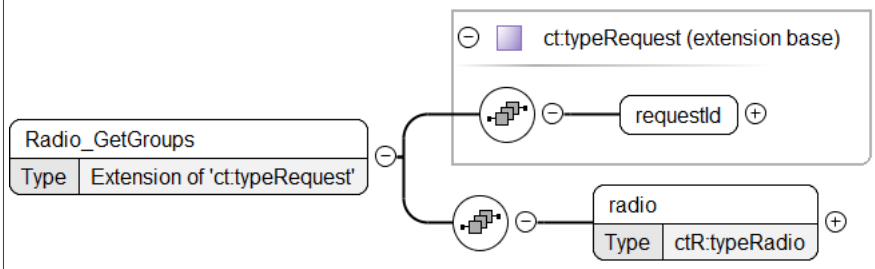
Namespace	DR-GW-Interface/DR-GW-Radio

Diagram	
Type	typeOrganisationBlockId
Properties	content: complex minOccurs: 0
Model	orgblockId | orgblockIdSimple
Children	orgblockId, orgblockIdSimple

Instance	`<orgblockId xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ctO="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes">`
	`  <ctO:orgblockId>{1,1}</ctO:orgblockId>`
	`  <ctO:orgblockIdSimple>{1,1}</ctO:orgblockIdSimple>`
	`</orgblockId>`

Source	`<xs:element name="orgblockId" type="ctO:typeOrganisationBlockId" minOccurs="0"/>`

Element Radio_GetGroups

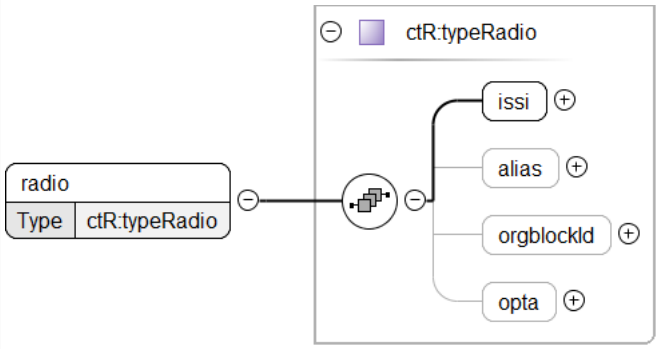
Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	• ct:typeRequest
Properties	content: complex
Model	ct:requestId , radio
Children	ct:requestId, radio

Instance	`<Radio_GetGroups xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:requestId>{1,1}</ct:requestId>`
	`  <radio>{1,1}</radio>`
	`</Radio_GetGroups>`

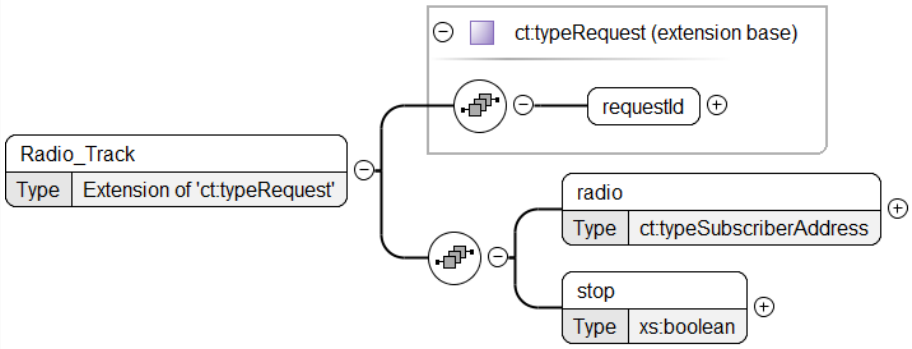
Source	`<xs:element name="Radio_GetGroups">`
	`  <xs:annotation>`
	`  <xs:documentation/>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:complexContent>`
	`  <xs:extension base="ct:typeRequest">`
	`  <xs:sequence>`
	`  <xs:element name="radio" type="ctR:typeRadio"/>`
	`  </xs:sequence>`
	`  </xs:extension>`
	`  </xs:complexContent>`
	`  </xs:complexType>`
	`</xs:element>`

Element Radio_GetGroups / radio

Namespace	DR-GW-Interface/DR-GW-Radio

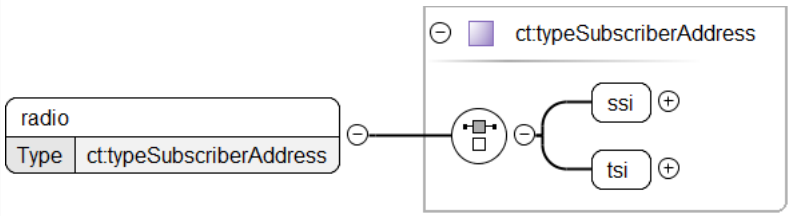
Diagram	
Type	typeRadio
Properties	content: complex
Model	issi , alias{0,1} , orgblockId{0,1} , opta{0,1}
Children	alias, issi, opta, orgblockId
Instance	<radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ctR="DR-GW-Interface/DR-GW-Radio.CommonTypes"> <ctR:issi>{1,1}</ctR:issi> <ctR:alias>{0,1}</ctR:alias> <ctR:orgblockId>{0,1}</ctR:orgblockId> <ctR:opta>{0,1}</ctR:opta> </radio>
Source	<xs:element name="radio" type="ctR:typeRadio"/>

Element Radio_Track

Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	• ct:typeRequest
Properties	content: complex
Model	ct:requestId , radio , stop
Children	ct:requestId, radio, stop
Instance	<Radio_Track xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{1,1}</ct:requestId> <radio>{1,1}</radio> <stop>{1,1}</stop> </Radio_Track>
Source	<xs:element name="Radio_Track"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="ct:typeRequest"> <xs:sequence> <xs:element name="radio" type="ct:typeSubscriberAddress"/> <xs:element name="stop" type="xs:boolean"/> </xs:sequence> </xs:extension>

```
    </xs:complexContent>
  </xs:complexType>
</xs:element>
```

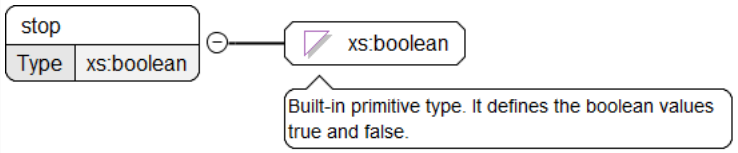
Element Radio_Track / radio

Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi

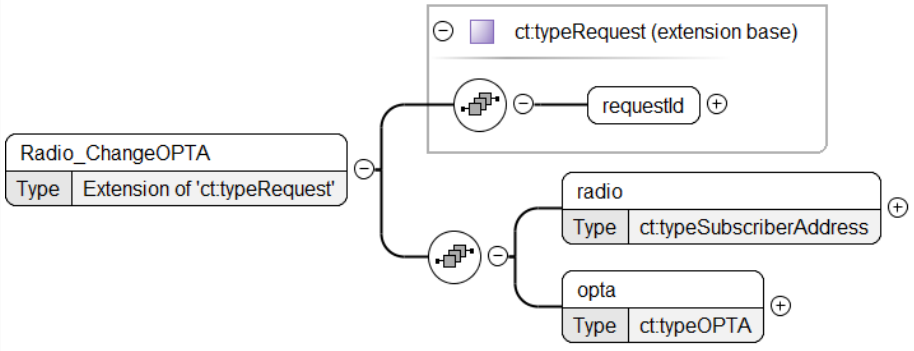
Instance	`<radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:ssi>{1,1}</ct:ssi>`
	`  <ct:tsi>{1,1}</ct:tsi>`
	`</radio>`

Source	`<xs:element name="radio" type="ct:typeSubscriberAddress"/>`

Element Radio_Track / stop

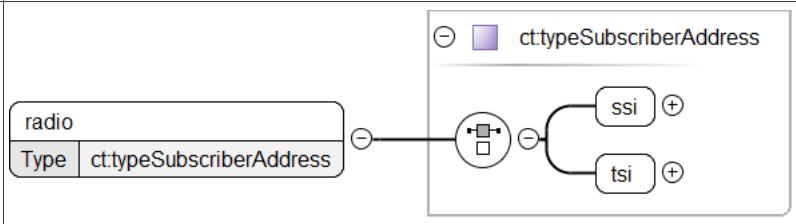
Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	
Type	xs:boolean
Properties	content: simple
Source	`<xs:element name="stop" type="xs:boolean"/>`

Element Radio_ChangeOPTA

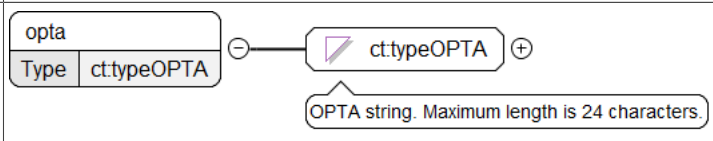
Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	• ct:typeRequest
Properties	content: complex

Model	ct:requestId , radio , opta
Children	ct:requestId, opta, radio
Instance	<Radio_ChangeOPTA xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{1,1}</ct:requestId> <radio>{1,1}</radio> <opta>{1,1}</opta> </Radio_ChangeOPTA>
Source	<xs:element name="Radio_ChangeOPTA"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="ct:typeRequest"> <xs:sequence> <xs:element name="radio" type="ct:typeSubscriberAddress"/> <xs:element name="opta" type="ct:typeOPTA"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element>

Element Radio_ChangeOPTA / radio

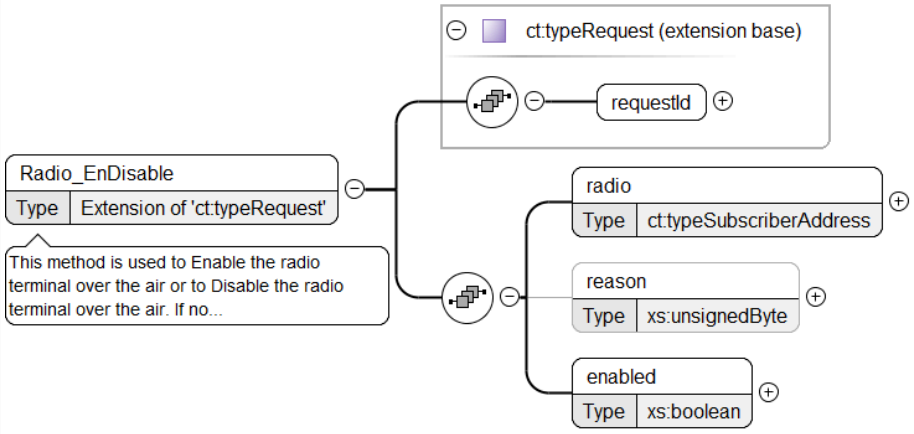
Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </radio>
Source	<xs:element name="radio" type="ct:typeSubscriberAddress"/>

Element Radio_ChangeOPTA / opta

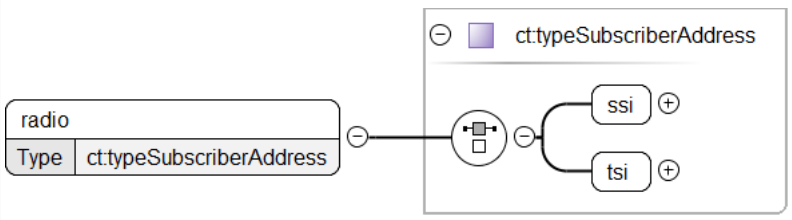
Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	
Type	ct:typeOPTA
Properties	content: simple
Facets	maxLength 24
Source	<xs:element name="opta" type="ct:typeOPTA"/>

Element Radio_EnDisable

Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	This method is used to Enable the radio terminal over the air or to Disable the radio terminal over the air. If no reason is supplied, then the DF-Gateway sets the default reason. There is no default reason value, it depends on the DF-Gateway configuration

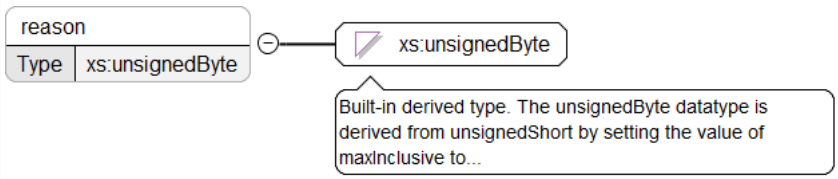
	what reason is used when no reason is supplied by DF-Client. See TCS API Description for all possible reasons for disabling.
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	• ct:typeRequest
Properties	content: complex
Model	ct:requestId , radio , reason{0,1} , enabled
Children	ct:requestId, enabled, radio, reason
Instance	<Radio_EnDisable xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{1,1}</ct:requestId> <radio>{1,1}</radio> <reason>{0,1}</reason> <enabled>{1,1}</enabled> </Radio_EnDisable>
Source	<xs:element name="Radio_EnDisable"> <xs:annotation> <xs:documentation>This method is used to Enable the radio terminal over the air or to Disable the radio terminal over the air. If no reason is supplied, then the DF-Gateway sets the default reason. There is no default reason value, it depends on the DF-Gateway configuration what reason is used when no reason is supplied by DF-Client. See TCS API Description for all possible reasons for disabling.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="ct:typeRequest"> <xs:sequence> <xs:element name="radio" type="ct:typeSubscriberAddress"/> <xs:element name="reason" type="xs:unsignedByte" minOccurs="0"/> <xs:element name="enabled" type="xs:boolean"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element>

Element Radio_EnDisable / radio

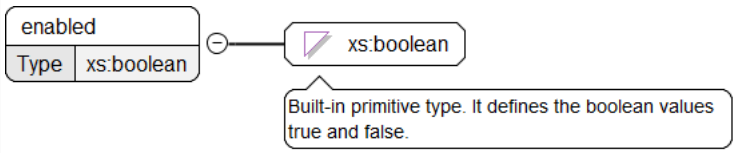
Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi

Instance	<radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </radio>
Source	<xs:element name="radio" type="ct:typeSubscriberAddress"/>

Element Radio_EnDisable / reason

Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	
Type	xs:unsignedByte
Properties	content: simple minOccurs: 0
Source	<xs:element name="reason" type="xs:unsignedByte" minOccurs="0"/>

Element Radio_EnDisable / enabled

Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	
Type	xs:boolean
Properties	content: simple
Source	<xs:element name="enabled" type="xs:boolean"/>

Namespace: "DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"

Schema(s)

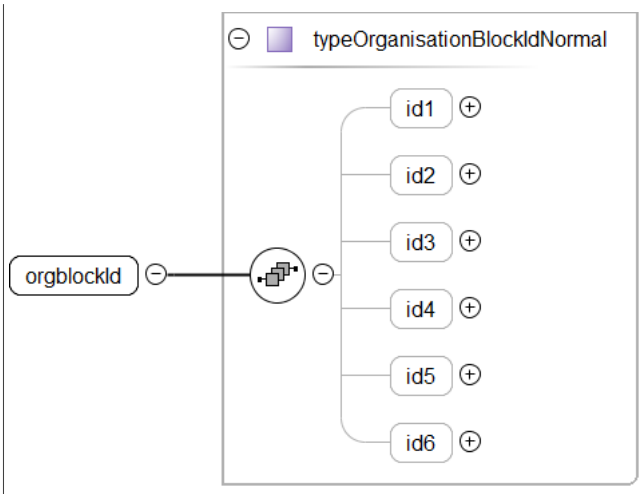
Imported schema DR-GW-OrganisationBlock.CommonTypes.xsd

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	Version 1.2
Properties	attribute form default: unqualified element form default: qualified

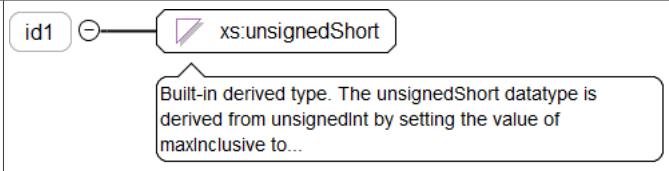
Element(s)

Element typeOrganisationBlockId / orgblockId

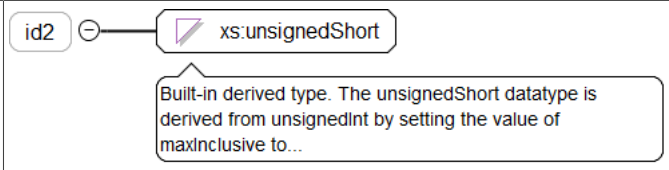
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes

Diagram	
Type	typeOrganisationBlockIdNormal
Properties	content: complex
Model	id1{0,1} , id2{0,1} , id3{0,1} , id4{0,1} , id5{0,1} , id6{0,1}
Children	id1, id2, id3, id4, id5, id6
Instance	<orgblockId xmlns="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"> <id1>{0,1}</id1> <id2>{0,1}</id2> <id3>{0,1}</id3> <id4>{0,1}</id4> <id5>{0,1}</id5> <id6>{0,1}</id6> </orgblockId>
Source	<xs:element name="orgblockId" type="typeOrganisationBlockIdNormal"/>

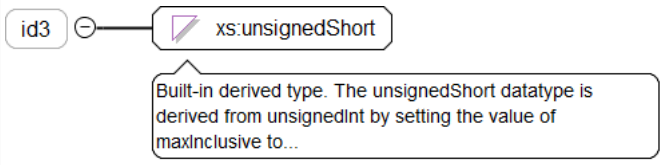
Element typeOrganisationBlockIdNormal / id1

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	<xs:element name="id1" type="xs:unsignedShort" minOccurs="0"/>

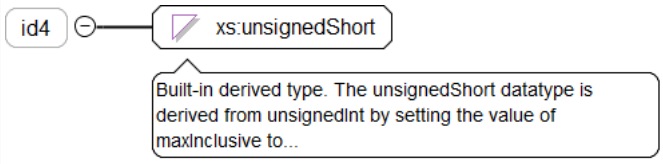
Element typeOrganisationBlockIdNormal / id2

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	<xs:element name="id2" type="xs:unsignedShort" minOccurs="0"/>

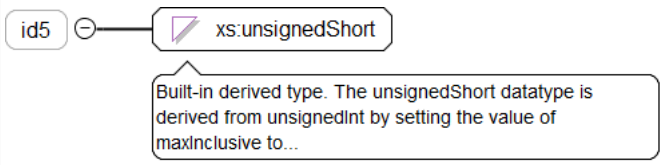
Element typeOrganisationBlockIdNormal / id3

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	`<xs:element name="id3" type="xs:unsignedShort" minOccurs="0"/>`

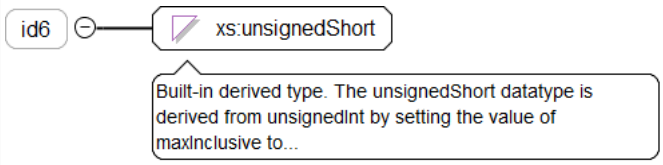
Element typeOrganisationBlockIdNormal / id4

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	`<xs:element name="id4" type="xs:unsignedShort" minOccurs="0"/>`

Element typeOrganisationBlockIdNormal / id5

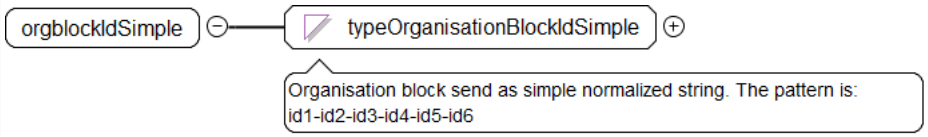
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	`<xs:element name="id5" type="xs:unsignedShort" minOccurs="0"/>`

Element typeOrganisationBlockIdNormal / id6

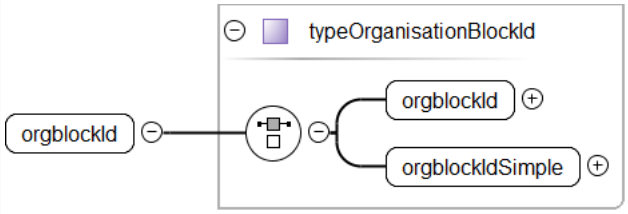
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	`<xs:element name="id6" type="xs:unsignedShort" minOccurs="0"/>`

Element typeOrganisationBlockId / orgblockIdSimple

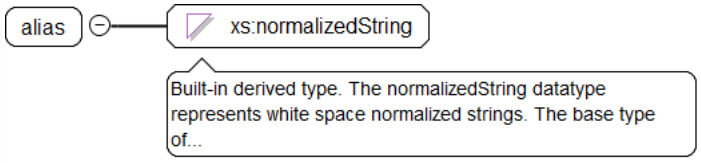
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes

Diagram	
Type	typeOrganisationBlockIdSimple
Properties	content: simple
Facets	pattern (([0-9]|[1-9]\d{0,3}|[1-5]\d{4}|6[0-4]\d{3}|65[0-4]\d{2}|655[0-2]\d|6553[0-5])-){0,5}([0-9]|[1-9]\d{0,3}|[1-5]\d{4}|6[0-4]\d{3}|65[0-4]\d{2}|655[0-2]\d|6553[0-5])
Source	<xs:element name="orgblockIdSimple" type="typeOrganisationBlockIdSimple"/>

Element typeOrganisationBlock / orgblockId

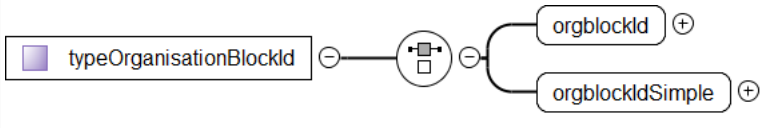
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	typeOrganisationBlockId
Properties	content: complex
Model	orgblockId | orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<orgblockId xmlns="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"> <orgblockId>{1,1}</orgblockId> <orgblockIdSimple>{1,1}</orgblockIdSimple> </orgblockId>
Source	<xs:element name="orgblockId" type="typeOrganisationBlockId"/>

Element typeOrganisationBlock / alias

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	
Type	xs:normalizedString
Properties	content: simple
Source	<xs:element name="alias" type="xs:normalizedString"/>

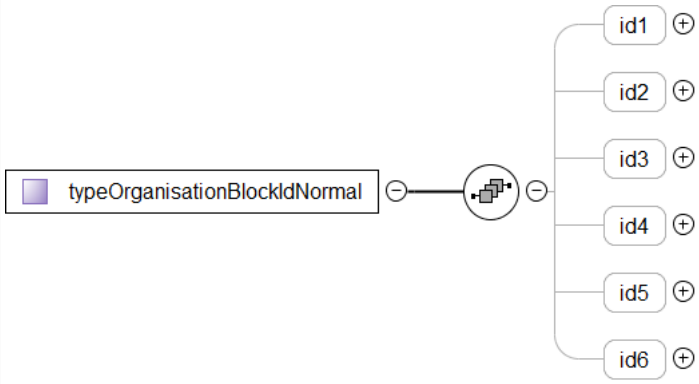
Complex Type(s)

Complex Type typeOrganisationBlockId

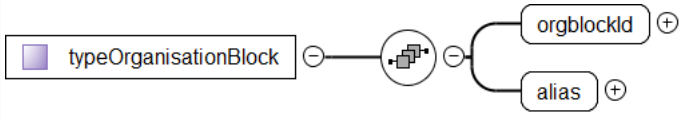
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	
Diagram	

Used by	Elements	Radio_GetList/orgblockId, typeGroup/orgblockId, typeOrganisationBlock/orgblockId, typeRadio/orgblockId
Model	orgblockId | orgblockIdSimple	
Children	orgblockId, orgblockIdSimple	
Source	<xs:complexType name="typeOrganisationBlockId"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:choice> <xs:element name="orgblockId" type="typeOrganisationBlockIdNormal"/> <xs:element name="orgblockIdSimple" type="typeOrganisationBlockIdSimple"/> </xs:choice> </xs:complexType>	

Complex Type `typeOrganisationBlockIdNormal`

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	
Diagram	
Used by	Element typeOrganisationBlockId/orgblockId
Model	id1{0,1} , id2{0,1} , id3{0,1} , id4{0,1} , id5{0,1} , id6{0,1}
Children	id1, id2, id3, id4, id5, id6
Source	<xs:complexType name="typeOrganisationBlockIdNormal"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="id1" type="xs:unsignedShort" minOccurs="0"/> <xs:element name="id2" type="xs:unsignedShort" minOccurs="0"/> <xs:element name="id3" type="xs:unsignedShort" minOccurs="0"/> <xs:element name="id4" type="xs:unsignedShort" minOccurs="0"/> <xs:element name="id5" type="xs:unsignedShort" minOccurs="0"/> <xs:element name="id6" type="xs:unsignedShort" minOccurs="0"/> </xs:sequence> </xs:complexType>

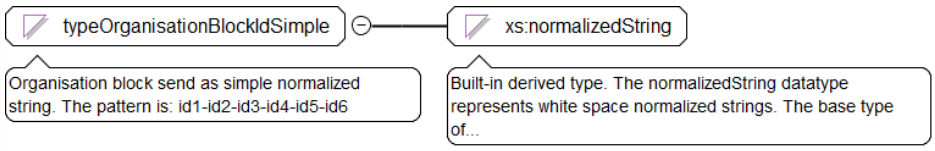
Complex Type `typeOrganisationBlock`

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	
Diagram	
Model	orgblockId , alias
Children	alias, orgblockId
Source	<xs:complexType name="typeOrganisationBlock"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="orgblockId" type="typeOrganisationBlockId"/>

```
    <xs:element name="alias" type="xs:normalizedString"/>
  </xs:sequence>
</xs:complexType>
```

Simple Type(s)

Simple Type `typeOrganisationBlockIdSimple`

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	`Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6`
Diagram	
Type	restriction of xs:normalizedString
Facets	pattern `(([0-9]|[1-9]\d{0,3}|[1-5]\d{4}|6[0-4]\d{3}|65[0-4]\d{2}|655[0-2]\d|6553[0-5])-){0,5}([0-9]|[1-9]\d{0,3}|[1-5]\d{4}|6[0-4]\d{3}|65[0-4]\d{2}|655[0-2]\d|6553[0-5])`
Used by	Element typeOrganisationBlockId/orgblockIdSimple
Source	`<xs:simpleType name="typeOrganisationBlockIdSimple"> <xs:annotation> <xs:documentation>Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6</xs:documentation> </xs:annotation> <xs:restriction base="xs:normalizedString"> <xs:pattern value="(([0-9]|[1-9]\d{0,3}|[1-5]\d{4}|6[0-4]\d{3}|65[0-4]\d{2}|655[0-2]\d|6553[0-5])-){0,5}([0-9]|[1-9]\d{0,3}|[1-5]\d{4}|6[0-4]\d{3}|65[0-4]\d{2}|655[0-2]\d|6553[0-5])"/> </xs:restriction> </xs:simpleType>`

Namespace: "DR-GW-Interface/DR-GW-Group.CommonTypes"

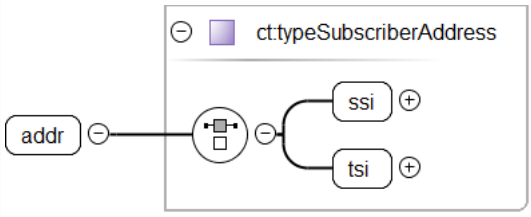
Schema(s)

Imported schema `DR-GW-Group.CommonTypes.xsd`

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	`Version 1.2`
Properties	attribute form default: `unqualified` element form default: `qualified`

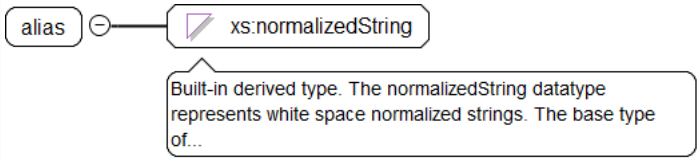
Element(s)

Element `typeGroup / addr`

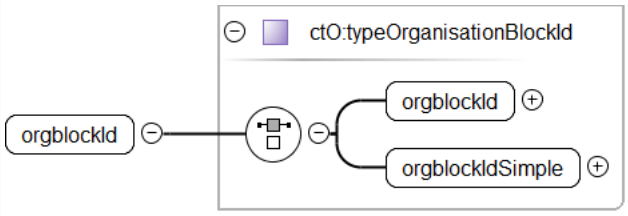
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: `complex`

Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<addr xmlns="DR-GW-Interface/DR-GW-Group.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </addr>
Source	<xs:element name="addr" type="ct:typeSubscriberAddress"/>

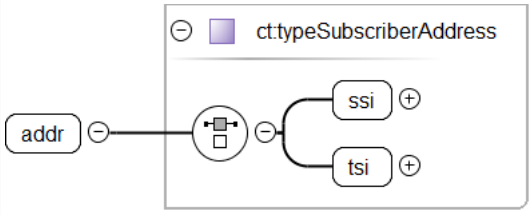
Element typeGroup / alias

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	xs:normalizedString
Properties	content: simple
Source	<xs:element name="alias" type="xs:normalizedString"/>

Element typeGroup / orgblockId

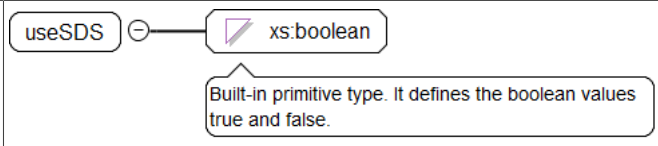
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	typeOrganisationBlockId
Properties	content: complex
Model	orgblockId | orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<orgblockId xmlns="DR-GW-Interface/DR-GW-Group.CommonTypes" xmlns:ctO="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"> <ctO:orgblockId>{1,1}</ctO:orgblockId> <ctO:orgblockIdSimple>{1,1}</ctO:orgblockIdSimple> </orgblockId>
Source	<xs:element name="orgblockId" type="ctO:typeOrganisationBlockId"/>

Element typeGroupSubscribeData / addr

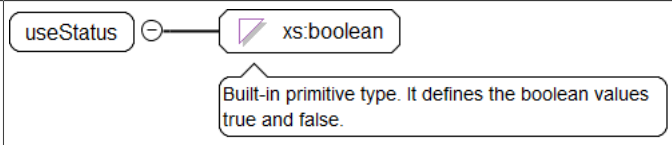
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<addr xmlns="DR-GW-Interface/DR-GW-Group.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes">

	<ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </addr>
Source	<xs:element name="addr" type="ct:typeSubscriberAddress"/>

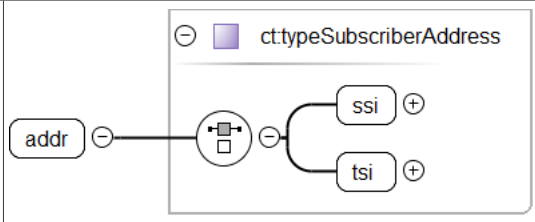
Element typeGroupSubscribeData / useSDS

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	xs:boolean
Properties	content: simple
Source	<xs:element name="useSDS" type="xs:boolean"/>

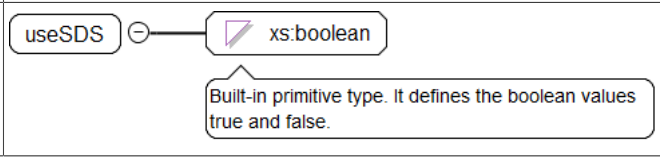
Element typeGroupSubscribeData / useStatus

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	xs:boolean
Properties	content: simple
Source	<xs:element name="useStatus" type="xs:boolean"/>

Element typeGroupSubscribeDataEvent / addr

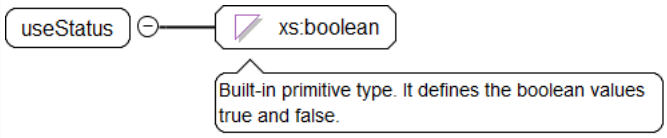
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<addr xmlns="DR-GW-Interface/DR-GW-Group.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </addr>
Source	<xs:element name="addr" type="ct:typeSubscriberAddress"/>

Element typeGroupSubscribeDataEvent / useSDS

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	

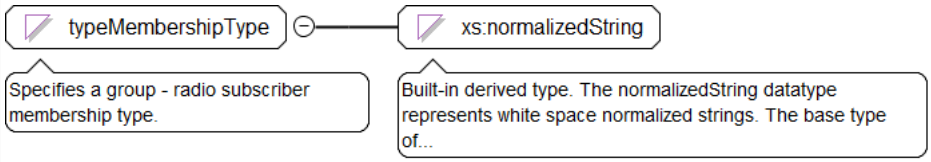
Type	xs:boolean
Properties	content: simple
Source	`<xs:element name="useSDS" type="xs:boolean"/>`

Element typeGroupSubscribeDataEvent / useStatus

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	
Type	xs:boolean
Properties	content: simple
Source	`<xs:element name="useStatus" type="xs:boolean"/>`

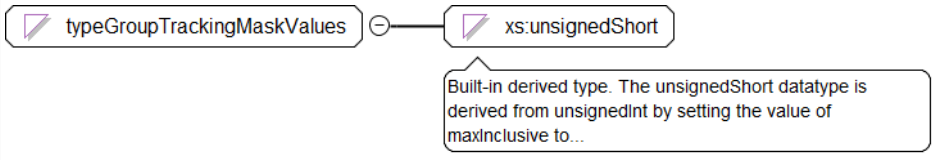
Simple Type(s)

Simple Type typeMembershipType

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	Specifies a group - radio subscriber membership type.
Diagram	
Type	restriction of xs:normalizedString
Facets	enumeration unknown enumeration permanent enumeration visiting

Source	`<xs:simpleType name="typeMembershipType">`
	`  <xs:annotation>`
	`  <xs:documentation>Specifies a group - radio subscriber membership type.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="xs:normalizedString">`
	`  <xs:enumeration value="unknown"/>`
	`  <xs:enumeration value="permanent"/>`
	`  <xs:enumeration value="visiting"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

Simple Type typeGroupTrackingMaskValues

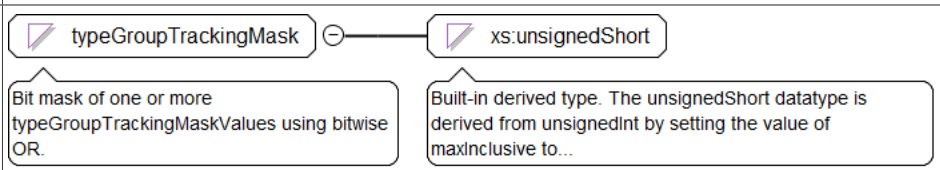
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	
Diagram	
Type	restriction of xs:unsignedShort
Facets	enumeration 0 TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_BASIC_C enumeration 1 TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_RS_ADD_REMOVE_C enumeration 2 TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_G4WIF_ADD_REMOVE_C enumeration 4 TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_WSUSER_ADD_REMOVE_C

	enumeration	8	TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_CBR_REMOVE_C
	enumeration	16	TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_GROUP_ADD_REMOVE_C
	enumeration	65535	TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_ALL_C

Source

```
<xs:simpleType name="typeGroupTrackingMaskValues">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:restriction base="xs:unsignedShort">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_BASIC_C</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_RS_ADD_REMOVE_C</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_G4WIF_ADD_REMOVE_C</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_WSUSER_ADD_REMOVE_C</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_CBR_REMOVE_C</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
      <xs:annotation>
        <xs:documentation>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_GROUP_ADD_REMOVE_C</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="65535">
      <xs:annotation>
        <xs:documentation>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_ALL_C</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

Simple Type `typeGroupTrackingMask`

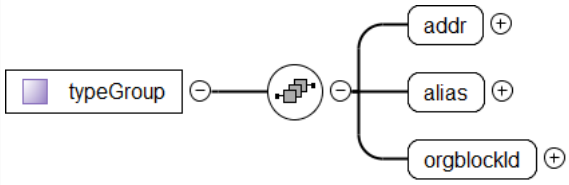
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	Bit mask of one or more typeGroupTrackingMaskValues using bitwise OR.
Diagram	
Type	xs:unsignedShort
Source	


```
<xs:simpleType name="typeGroupTrackingMask">
  <xs:annotation>
    <xs:documentation>Bit mask of one or more typeGroupTrackingMaskValues using bitwise OR.</
xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:unsignedShort"/>
</xs:simpleType>
```

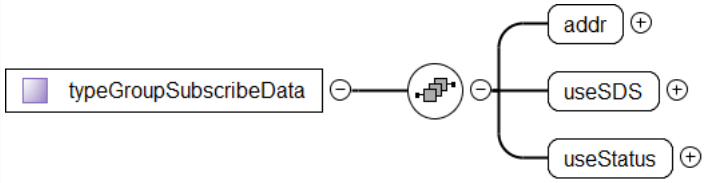
Complex Type(s)

Complex Type `typeGroup`

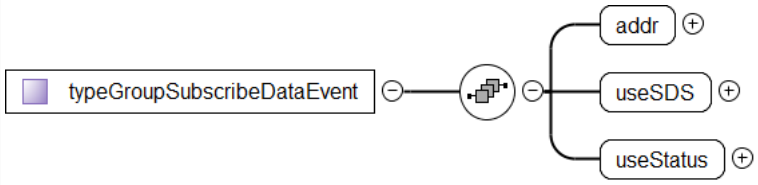
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	

Diagram	
Model	addr , alias , orgblockId
Children	addr, alias, orgblockId
Source	<xs:complexType name="typeGroup"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="addr" type="ct:typeSubscriberAddress"/> <xs:element name="alias" type="xs:normalizedString"/> <xs:element name="orgblockId" type="ctO:typeOrganisationBlockId"/> </xs:sequence> </xs:complexType>

Complex Type `typeGroupSubscribeData`

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	
Diagram	
Model	addr , useSDS , useStatus
Children	addr, useSDS, useStatus
Source	<xs:complexType name="typeGroupSubscribeData"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="addr" type="ct:typeSubscriberAddress"/> <xs:element name="useSDS" type="xs:boolean"/> <xs:element name="useStatus" type="xs:boolean"/> </xs:sequence> </xs:complexType>

Complex Type `typeGroupSubscribeDataEvent`

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	
Diagram	
Model	addr , useSDS , useStatus
Children	addr, useSDS, useStatus
Source	<xs:complexType name="typeGroupSubscribeDataEvent"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="addr" type="ct:typeSubscriberAddress"/> <xs:element name="useSDS" type="xs:boolean"/> <xs:element name="useStatus" type="xs:boolean"/> </xs:sequence> </xs:complexType>

Namespace: "DR-GW-Interface/CommonTypes"

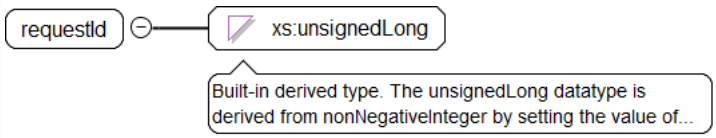
Schema(s)

Imported schema `CommonTypes.xsd`

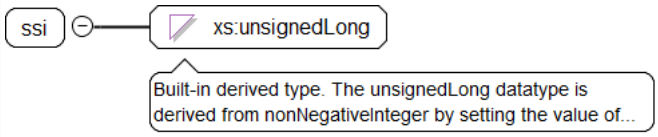
Namespace	DR-GW-Interface/CommonTypes
Annotations	`Version 1.2`
Properties	attribute form default: `unqualified` element form default: `qualified`

Element(s)

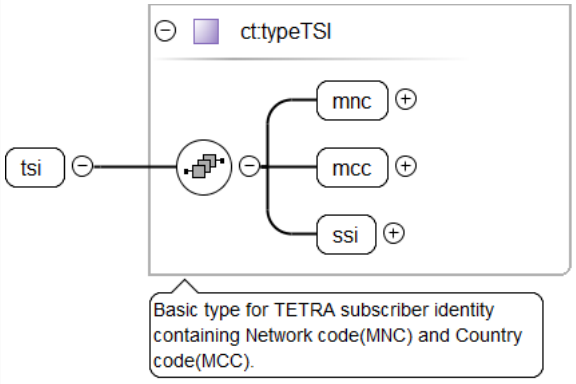
Element `ct:typeRequest / ct:requestId`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: `simple`
Source	`<xs:element name="requestId" type="xs:unsignedLong"/>`

Element `ct:typeSubscriberAddress / ct:ssi`

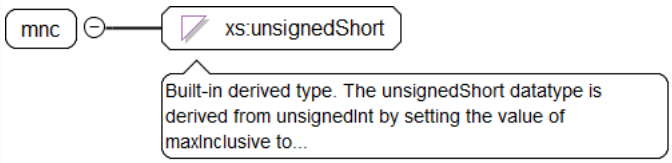
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: `simple`
Source	`<xs:element name="ssi" type="xs:unsignedLong"/>`

Element `ct:typeSubscriberAddress / ct:tsi`

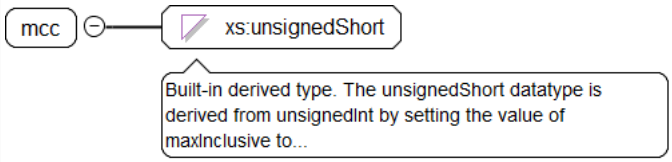
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeTSI
Properties	content: `complex`
Model	ct:mnc , ct:mcc , ct:ssi
Children	ct:mcc, ct:mnc, ct:ssi

Instance	<ct:tsi xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:mnc>{1,1}</ct:mnc> <ct:mcc>{1,1}</ct:mcc> <ct:ssi>{1,1}</ct:ssi> </ct:tsi>
Source	<xs:element name="tsi" type="ct:typeTSI"/>

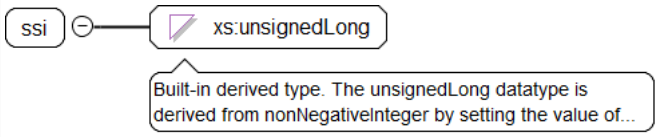
Element ct:typeTSI / ct:mnc

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple
Source	<xs:element name="mnc" type="xs:unsignedShort"/>

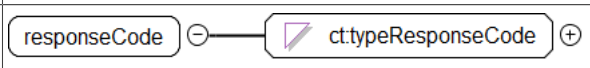
Element ct:typeTSI / ct:mcc

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple
Source	<xs:element name="mcc" type="xs:unsignedShort"/>

Element ct:typeTSI / ct:ssi

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<xs:element name="ssi" type="xs:unsignedLong"/>

Element ct:typeResult / ct:responseCode

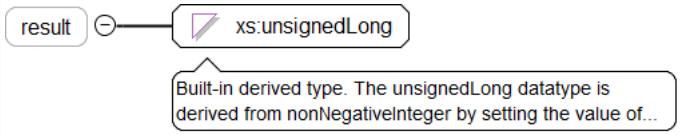
Namespace	DR-GW-Interface/CommonTypes	
Diagram		
Type	ct:typeResponseCode	
Properties	content:	simple
Facets	enumeration	success
	enumeration	final_response_pending
	enumeration	error
	enumeration	not_authorized_error
	enumeration	temporary_failure

	enumeration	subscription_failed
Source	<xs:element name="responseCode" type="ct:typeResponseCode"/>	

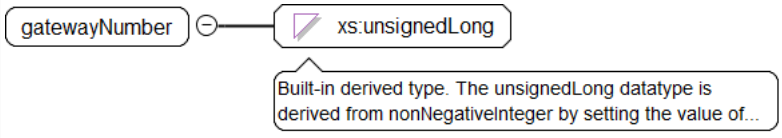
Element ct:typeResult / ct:sourceSystem

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeSourceSystem
Properties	content: simple minOccurs: 0
Facets	enumeration DR-GW enumeration TCS-API enumeration TETRA enumeration TACTILON-API
Source	<xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0"/>

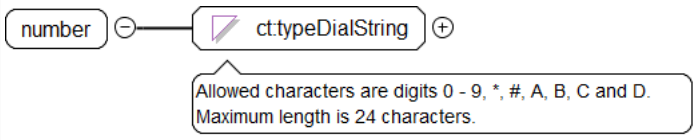
Element ct:typeResult / ct:result

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple minOccurs: 0
Source	<xs:element name="result" type="xs:unsignedLong" minOccurs="0"/>

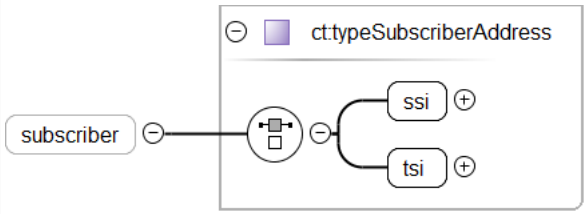
Element ct:typeExternal / ct:gatewayNumber

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<xs:element name="gatewayNumber" type="xs:unsignedLong"/>

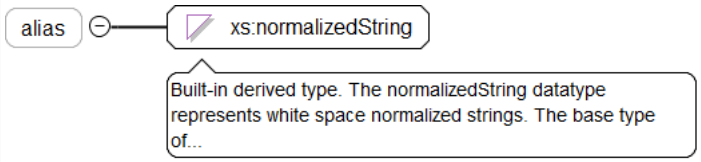
Element ct:typeExternal / ct:number

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeDialString
Properties	content: simple
Facets	maxLength 24
Source	<xs:element name="number" type="ct:typeDialString"/>

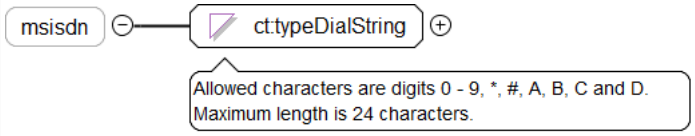
Element ct:typeAddress / ct:subscriber

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex minOccurs: 0
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<ct:subscriber xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </ct:subscriber>
Source	<xs:element name="subscriber" type="ct:typeSubscriberAddress" minOccurs="0"/>

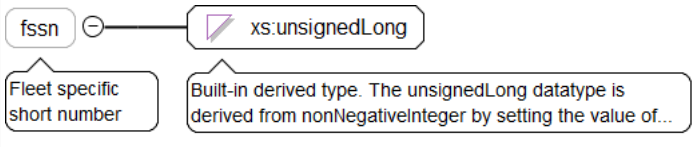
Element ct:typeAddress / ct:alias

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:normalizedString
Properties	content: simple minOccurs: 0
Source	<xs:element name="alias" type="xs:normalizedString" minOccurs="0"/>

Element ct:typeAddress / ct:msisdn

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeDialString
Properties	content: simple minOccurs: 0
Facets	maxLength 24
Source	<xs:element name="msisdn" type="ct:typeDialString" minOccurs="0"/>

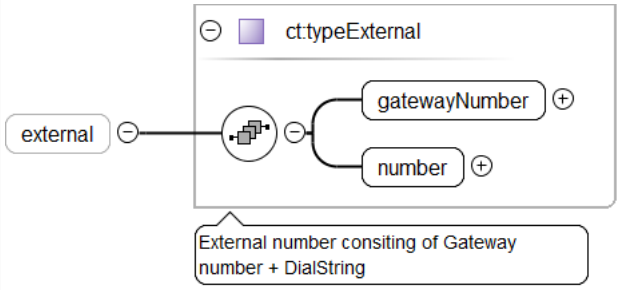
Element ct:typeAddress / ct:fssn

Namespace	DR-GW-Interface/CommonTypes
Annotations	Fleet specific short number
Diagram	

Type	xs:unsignedLong
Properties	content: simple minOccurs: 0

Source	`<xs:element name="fssn" type="xs:unsignedLong" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Fleet specific short number</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

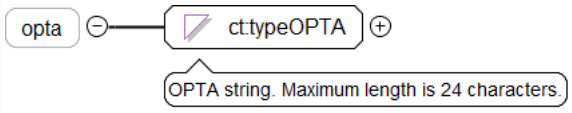
Element ct:typeAddress / ct:external

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeExternal
Properties	content: complex minOccurs: 0
Model	ct:gatewayNumber , ct:number
Children	ct:gatewayNumber, ct:number

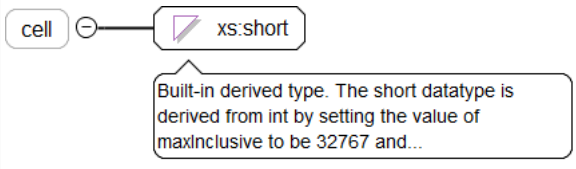
Instance	`<ct:external xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:gatewayNumber>{1,1}</ct:gatewayNumber>`
	`  <ct:number>{1,1}</ct:number>`
	`</ct:external>`

Source	`<xs:element name="external" type="ct:typeExternal" minOccurs="0"/>`

Element ct:typeAddress / ct:opta

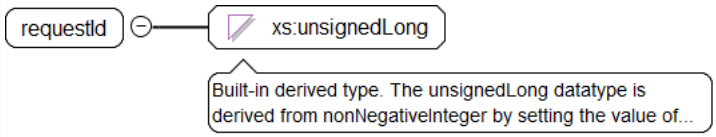
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeOPTA
Properties	content: simple minOccurs: 0
Facets	maxLength 24
Source	`<xs:element name="opta" type="ct:typeOPTA" minOccurs="0"/>`

Element ct:typeAddress / ct:cell

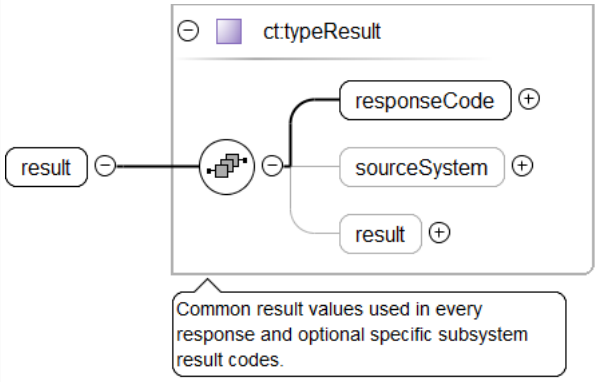
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:short
Properties	content: simple

	minOccurs: 0
Source	`<xs:element name="cell" type="xs:short" minOccurs="0"/>`

Element ct:typeResponse / ct:requestId

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	`<xs:element name="requestId" type="xs:unsignedLong"/>`

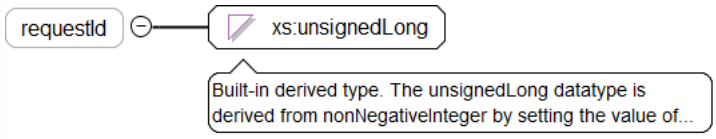
Element ct:typeResponse / ct:result

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeResult
Properties	content: complex
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}
Children	ct:responseCode, ct:result, ct:sourceSystem

Instance	`<ct:result xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:responseCode>{1,1}</ct:responseCode>`
	`  <ct:sourceSystem>{0,1}</ct:sourceSystem>`
	`  <ct:result>{0,1}</ct:result>`
	`</ct:result>`

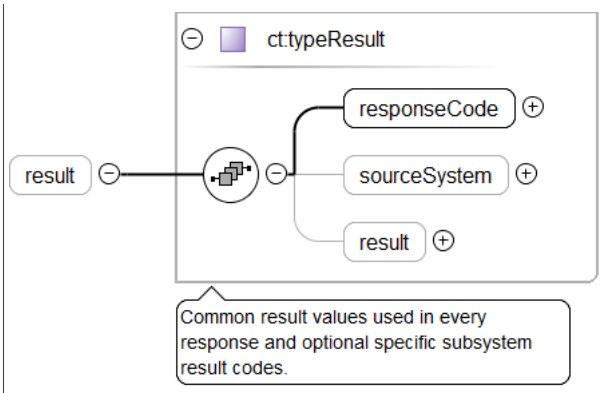
Source	`<xs:element name="result" type="ct:typeResult"/>`

Element ct:typeEvent / ct:requestId

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple minOccurs: 0
Source	`<xs:element name="requestId" type="xs:unsignedLong" minOccurs="0"/>`

Element ct:typeEvent / ct:result

Namespace	DR-GW-Interface/CommonTypes

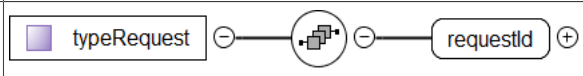
Diagram	
Type	ct:typeResult
Properties	content: complex minOccurs: 0
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}
Children	ct:responseCode, ct:result, ct:sourceSystem

Instance	`<ct:result xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:responseCode>{1,1}</ct:responseCode>`
	`  <ct:sourceSystem>{0,1}</ct:sourceSystem>`
	`  <ct:result>{0,1}</ct:result>`
	`</ct:result>`

Source	`<xs:element name="result" type="ct:typeResult" minOccurs="0"/>`

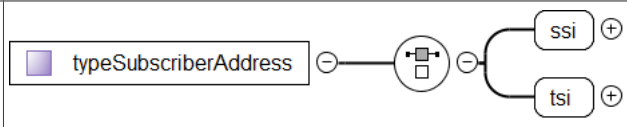
Complex Type(s)

Complex Type `ct:typeRequest`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Used by	Elements: Radio_ChangeOPTA, Radio_EnDisable, Radio_Get, Radio_GetGroups, Radio_GetList, Radio_Track
Model	ct:requestId
Children	ct:requestId

Source	`<xs:complexType name="typeRequest">`
	`  <xs:sequence>`
	`  <xs:element name="requestId" type="xs:unsignedLong"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

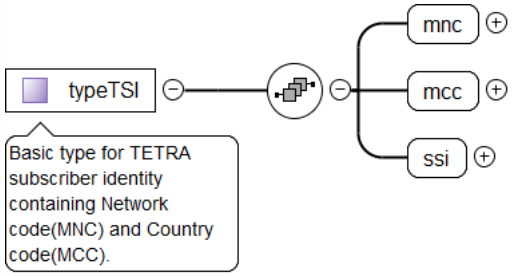
Complex Type `ct:typeSubscriberAddress`

Namespace	DR-GW-Interface/CommonTypes
Annotations	
Diagram	
Used by	Elements: Radio_ChangeOPTA/radio, Radio_EnDisable/radio, Radio_Get/radio, Radio_Track/radio, ct:typeAddress/ct:subscriber, typeGroup/addr, typeGroupSubscribeData/addr, typeGroupSubscribeDataEvent/addr, typeRadio/issi, typeRadioGroupSelection/group, typeRadioTrackingData/callParty, typeRadioTrackingData/radio
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi

Source	`<xs:complexType name="typeSubscriberAddress">`
	`  <xs:annotation>`
	`  <xs:documentation/>`
	`  </xs:annotation>`
	`  <xs:choice>`

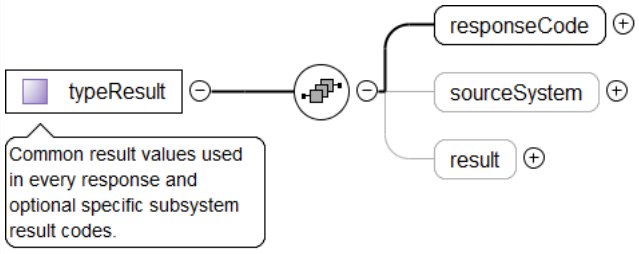
```
    <xs:element name="ssi" type="xs:unsignedLong"/>
    <xs:element name="tsi" type="ct:typeTSI"/>
  </xs:choice>
</xs:complexType>
```

Complex Type `ct:typeTSI`

Namespace	DR-GW-Interface/CommonTypes
Annotations	`Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).`
Diagram	
Used by	Element ct:typeSubscriberAddress/ct:tsi
Model	ct:mnc , ct:mcc , ct:ssi
Children	ct:mcc, ct:mnc, ct:ssi
Source	

```
<xs:complexType name="typeTSI">
  <xs:annotation>
    <xs:documentation>Basic type for TETRA subscriber identity containing Network code(MNC) and
 Country code(MCC).</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="mnc" type="xs:unsignedShort"/>
    <xs:element name="mcc" type="xs:unsignedShort"/>
    <xs:element name="ssi" type="xs:unsignedLong"/>
  </xs:sequence>
</xs:complexType>
```

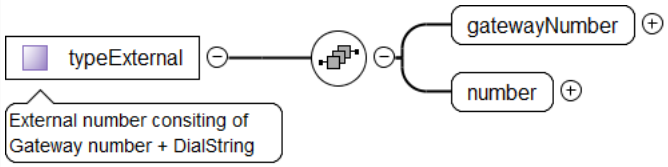
Complex Type `ct:typeResult`

Namespace	DR-GW-Interface/CommonTypes
Annotations	`Common result values used in every response and optional specific subsystem result codes.`
Diagram	
Used by	Elements ct:typeEvent/ct:result, ct:typeResponse/ct:result
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}
Children	ct:responseCode, ct:result, ct:sourceSystem
Source	

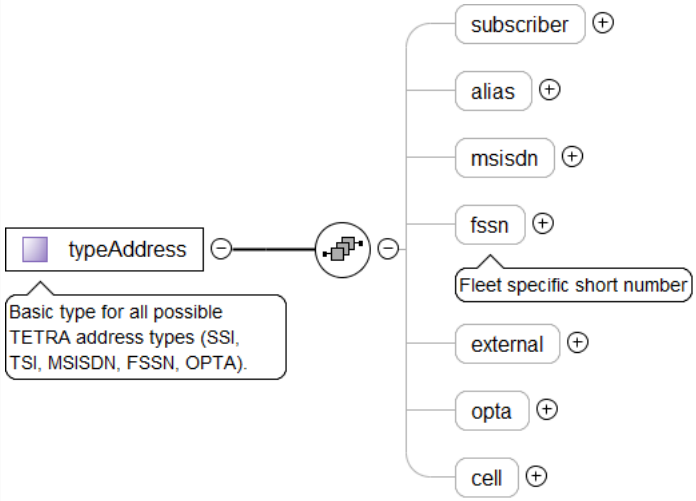
```
<xs:complexType name="typeResult">
  <xs:annotation>
    <xs:documentation>Common result values used in every response and optional specific subsystem
 result codes.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="responseCode" type="ct:typeResponseCode"/>
    <xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0"/>
    <xs:element name="result" type="xs:unsignedLong" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

Complex Type `ct:typeExternal`

Namespace	DR-GW-Interface/CommonTypes

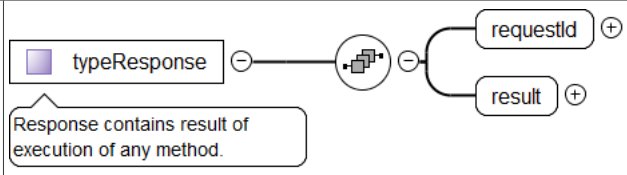
Annotations	External number consiting of Gateway number + DialString
Diagram	
Used by	Element ct:typeAddress/ct:external
Model	ct:gatewayNumber , ct:number
Children	ct:gatewayNumber, ct:number
Source	<xs:complexType name="typeExternal"> <xs:annotation> <xs:documentation>External number consiting of Gateway number + DialString</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="gatewayNumber" type="xs:unsignedLong"/> <xs:element name="number" type="ct:typeDialString"/> </xs:sequence> </xs:complexType>

Complex Type ct:typeAddress

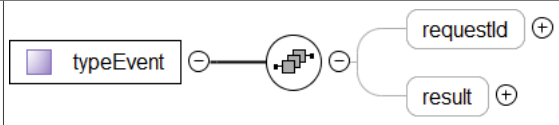
Namespace	DR-GW-Interface/CommonTypes
Annotations	Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).
Diagram	
Model	ct:subscriber{0,1} , ct:alias{0,1} , ct:msisdn{0,1} , ct:fssn{0,1} , ct:external{0,1} , ct:opta{0,1} , ct:cell{0,1}
Children	ct:alias, ct:cell, ct:external, ct:fssn, ct:msisdn, ct:opta, ct:subscriber
Source	<xs:complexType name="typeAddress"> <xs:annotation> <xs:documentation>Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="subscriber" type="ct:typeSubscriberAddress" minOccurs="0"/> <xs:element name="alias" type="xs:normalizedString" minOccurs="0"/> <xs:element name="msisdn" type="ct:typeDialString" minOccurs="0"/> <xs:element name="fssn" type="xs:unsignedLong" minOccurs="0"> <xs:annotation> <xs:documentation>Fleet specific short number</xs:documentation> </xs:annotation> </xs:element> <xs:element name="external" type="ct:typeExternal" minOccurs="0"/> <xs:element name="opta" type="ct:typeOPTA" minOccurs="0"/> <xs:element name="cell" type="xs:short" minOccurs="0"/> </xs:sequence> </xs:complexType>

Complex Type ct:typeResponse

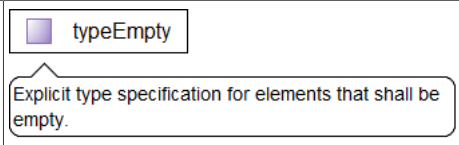
Namespace	DR-GW-Interface/CommonTypes

Annotations	Response contains result of execution of any method.
Diagram	
Model	ct:requestId , ct:result
Children	ct:requestId, ct:result
Source	<xs:complexType name="typeResponse"> <xs:annotation> <xs:documentation>Response contains result of execution of any method.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="requestId" type="xs:unsignedLong"/> <xs:element name="result" type="ct:typeResult"/> </xs:sequence> </xs:complexType>

Complex Type `ct:typeEvent`

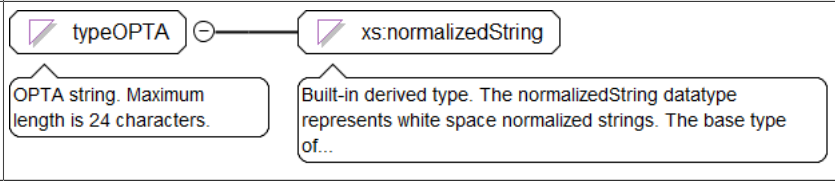
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Model	ct:requestId{0,1} , ct:result{0,1}
Children	ct:requestId, ct:result
Source	<xs:complexType name="typeEvent"> <xs:sequence> <xs:element name="requestId" type="xs:unsignedLong" minOccurs="0"/> <xs:element name="result" type="ct:typeResult" minOccurs="0"/> </xs:sequence> </xs:complexType>

Complex Type `ct:typeEmpty`

Namespace	DR-GW-Interface/CommonTypes
Annotations	Explicit type specification for elements that shall be empty.
Diagram	
Source	<xs:complexType name="typeEmpty"> <xs:annotation> <xs:documentation>Explicit type specification for elements that shall be empty.</ xs:documentation> </xs:annotation> </xs:complexType>

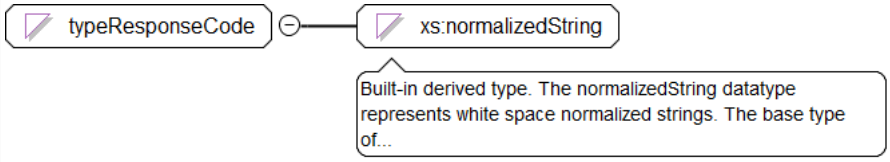
Simple Type(s)

Simple Type `ct:typeOPTA`

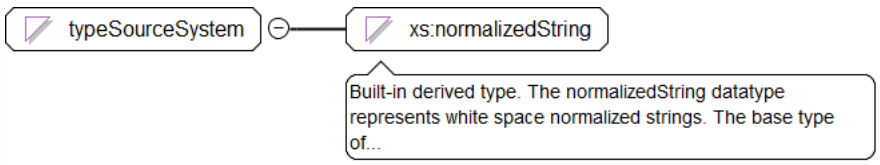
Namespace	DR-GW-Interface/CommonTypes
Annotations	OPTA string. Maximum length is 24 characters.
Diagram	

Type	restriction of xs:normalizedString	
Facets	maxLength	24
Used by	Elements	Radio_ChangeOPTA/opta, ct:typeAddress/ct:opta, typeLastKnownOPTA/opta
Source	<xs:simpleType name="typeOPTA"> <xs:annotation> <xs:documentation>OPTA string. Maximum length is 24 characters.</xs:documentation> </xs:annotation> <xs:restriction base="xs:normalizedString"> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType>	

Simple Type ct:typeResponseCode

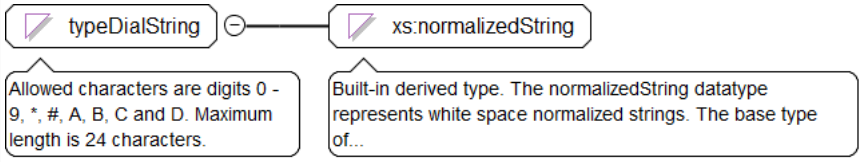
Namespace	DR-GW-Interface/CommonTypes	
Diagram		
Type	restriction of xs:normalizedString	
Facets	enumeration	success
	enumeration	final_response_pending
	enumeration	error
	enumeration	not_authorized_error
	enumeration	temporary_failure
	enumeration	subscription_failed
Used by	Element	ct:typeResult/ct:responseCode
Source	<xs:simpleType name="typeResponseCode"> <xs:restriction base="xs:normalizedString"> <xs:enumeration value="success"/> <xs:enumeration value="final_response_pending"/> <xs:enumeration value="error"/> <xs:enumeration value="not_authorized_error"/> <xs:enumeration value="temporary_failure"/> <xs:enumeration value="subscription_failed"/> </xs:restriction> </xs:simpleType>	

Simple Type ct:typeSourceSystem

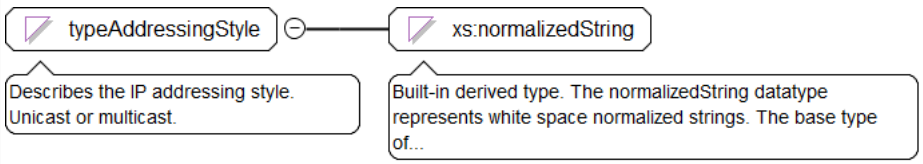
Namespace	DR-GW-Interface/CommonTypes	
Diagram		
Type	restriction of xs:normalizedString	
Facets	enumeration	DR-GW
	enumeration	TCS-API
	enumeration	TETRA
	enumeration	TACTILON-API
Used by	Element	ct:typeResult/ct:sourceSystem
Source	<xs:simpleType name="typeSourceSystem"> <xs:restriction base="xs:normalizedString"> <xs:enumeration value="DR-GW"/> <xs:enumeration value="TCS-API"/> <xs:enumeration value="TETRA"/>	

```
    <xs:enumeration value="TACTILON-API"/>
  </xs:restriction>
</xs:simpleType>
```

Simple Type `ct:typeDialString`

Namespace	DR-GW-Interface/CommonTypes
Annotations	Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.
Diagram	
Type	restriction of xs:normalizedString
Facets	maxLength 24
Used by	Elements ct:typeAddress/ct:msisdn, ct:typeExternal/ct:number
Source	<xs:simpleType name="typeDialString"> <xs:annotation> <xs:documentation>Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.</xs:documentation> </xs:annotation> <xs:restriction base="xs:normalizedString"> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType>

Simple Type `ct:typeAddressingStyle`

Namespace	DR-GW-Interface/CommonTypes
Annotations	Describes the IP addressing style. Unicast or multicast.
Diagram	
Type	restriction of xs:normalizedString
Facets	enumeration ucast enumeration mcast
Source	<xs:simpleType name="typeAddressingStyle"> <xs:annotation> <xs:documentation>Describes the IP addressing style. Unicast or multicast.</xs:documentation> </xs:annotation> <xs:restriction base="xs:normalizedString"> <xs:enumeration value="ucast"/> <xs:enumeration value="mcast"/> </xs:restriction> </xs:simpleType>

Namespace: "DR-GW-Interface/DR-GW-Radio.CommonTypes"

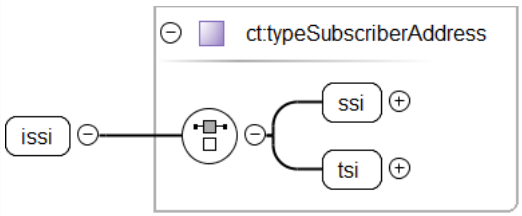
Schema(s)

Imported schema `DR-GW-Radio.CommonTypes.xsd`

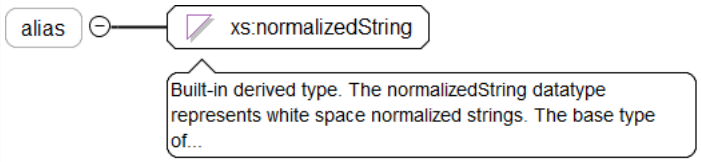
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	Version 1.2
Properties	attribute form default: unqualified element form default: qualified

Element(s)

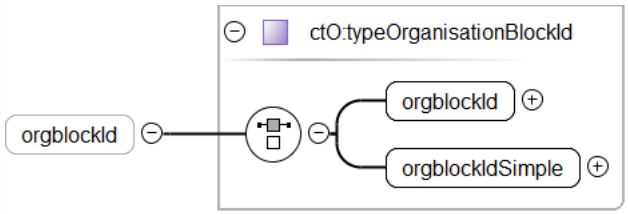
Element typeRadio / issi

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<issi xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </issi>
Source	<xs:element name="issi" type="ct:typeSubscriberAddress"/>

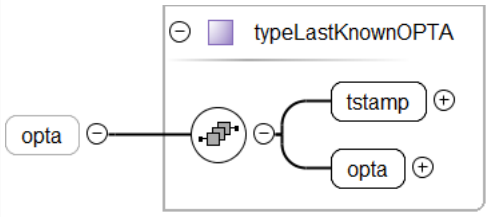
Element typeRadio / alias

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:normalizedString
Properties	content: simple minOccurs: 0
Source	<xs:element name="alias" type="xs:normalizedString" minOccurs="0"/>

Element typeRadio / orgblockId

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	typeOrganisationBlockId
Properties	content: complex minOccurs: 0
Model	orgblockId | orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<orgblockId xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ctO="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"> <ctO:orgblockId>{1,1}</ctO:orgblockId> <ctO:orgblockIdSimple>{1,1}</ctO:orgblockIdSimple> </orgblockId>
Source	<xs:element name="orgblockId" type="ctO:typeOrganisationBlockId" minOccurs="0"/>

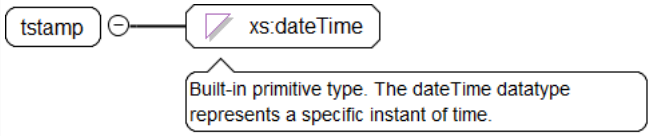
Element typeRadio / opta

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	typeLastKnownOPTA
Properties	content: complex minOccurs: 0
Model	tstamp , opta
Children	opta, tstamp

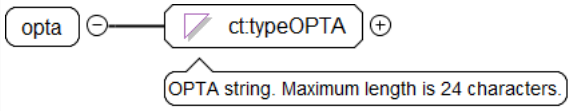
Instance	`<opta xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes">`
	`  <tstamp>{1,1}</tstamp>`
	`  <opta>{1,1}</opta>`
	`</opta>`

Source	`<xs:element name="opta" type="typeLastKnownOPTA" minOccurs="0"/>`

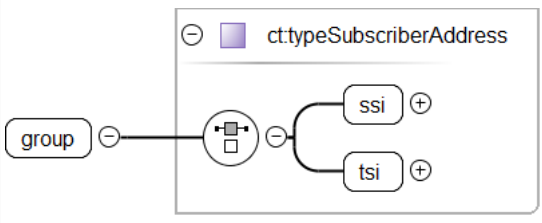
Element typeLastKnownOPTA / tstamp

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:dateTime
Properties	content: simple
Source	`<xs:element name="tstamp" type="xs:dateTime"/>`

Element typeLastKnownOPTA / opta

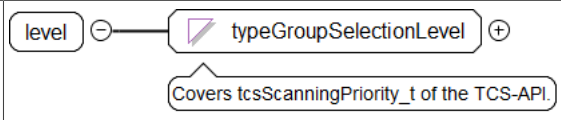
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	ct:typeOPTA
Properties	content: simple
Facets	maxLength 24
Source	`<xs:element name="opta" type="ct:typeOPTA"/>`

Element typeRadioGroupSelection / group

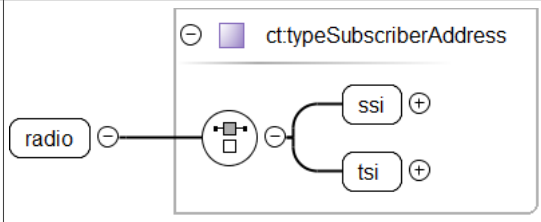
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	

Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<group xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </group>
Source	<xs:element name="group" type="ct:typeSubscriberAddress"/>

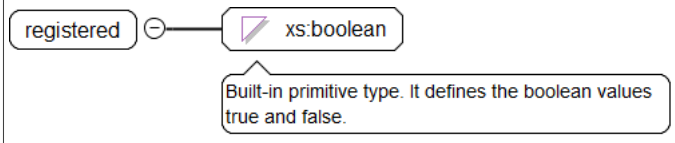
Element typeRadioGroupSelection / level

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	typeGroupSelectionLevel
Properties	content: simple
Facets	enumeration notScanned enumeration low enumeration normal enumeration selected enumeration high enumeration background
Source	<xs:element name="level" type="typeGroupSelectionLevel"/>

Element typeRadioTrackingData / radio

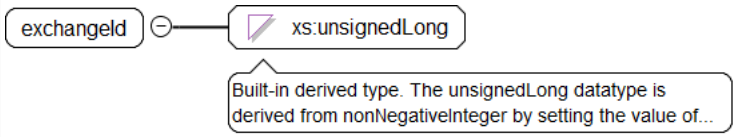
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi
Instance	<radio xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </radio>
Source	<xs:element name="radio" type="ct:typeSubscriberAddress"/>

Element typeRadioTrackingData / registered

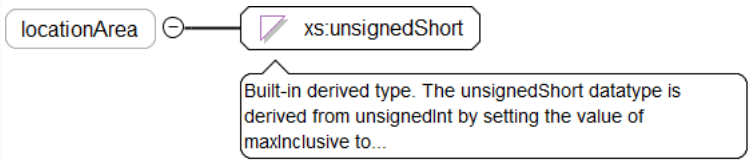
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:boolean

Properties	content: simple
Source	`<xs:element name="registered" type="xs:boolean"/>`

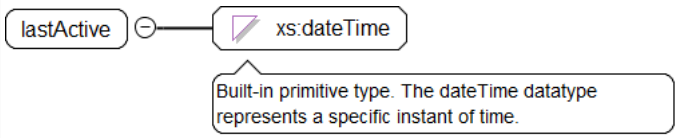
Element typeRadioTrackingData / exchangeId

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	`<xs:element name="exchangeId" type="xs:unsignedLong"/>`

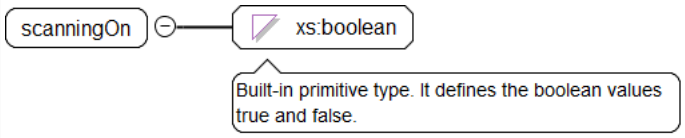
Element typeRadioTrackingData / locationArea

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:unsignedShort
Properties	content: simple minOccurs: 0
Source	`<xs:element name="locationArea" type="xs:unsignedShort" minOccurs="0"/>`

Element typeRadioTrackingData / lastActive

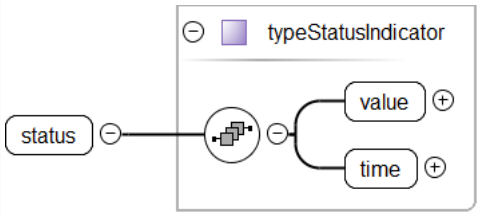
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:dateTime
Properties	content: simple
Source	`<xs:element name="lastActive" type="xs:dateTime"/>`

Element typeRadioTrackingData / scanningOn

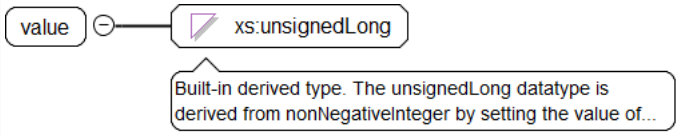
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:boolean
Properties	content: simple
Source	`<xs:element name="scanningOn" type="xs:boolean"/>`

Element typeRadioTrackingData / status

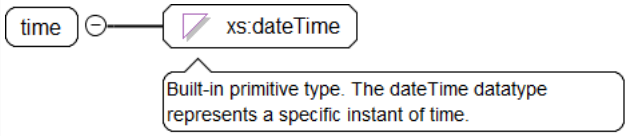
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes

Diagram	
Type	typeStatusIndicator
Properties	content: complex
Model	value , time
Children	time, value
Instance	<status xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes"> <value>{1,1}</value> <time>{1,1}</time> </status>
Source	<xs:element name="status" type="typeStatusIndicator"/>

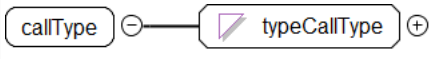
Element typeStatusIndicator / value

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<xs:element name="value" type="xs:unsignedLong"/>

Element typeStatusIndicator / time

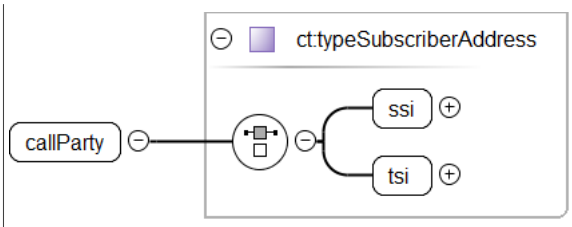
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:dateTime
Properties	content: simple
Source	<xs:element name="time" type="xs:dateTime"/>

Element typeRadioTrackingData / callType

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	typeCallType
Properties	content: simple
Facets	enumeration: unknown enumeration: no enumeration: individual
Source	<xs:element name="callType" type="typeCallType"/>

Element typeRadioTrackingData / callParty

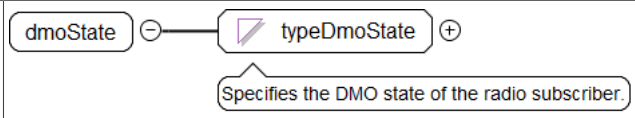
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes

Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi | ct:tsi
Children	ct:ssi, ct:tsi

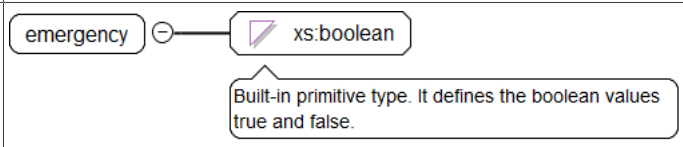
Instance	`<callParty xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes">`
	`  <ct:ssi>{1,1}</ct:ssi>`
	`  <ct:tsi>{1,1}</ct:tsi>`
	`</callParty>`

Source	`<xs:element name="callParty" type="ct:typeSubscriberAddress"/>`

Element `typeRadioTrackingData / dmoState`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes		
Diagram			
Type	typeDmoState		
Properties	content:	simple	
Facets	enumeration	unknown	Specifies that the DMO state is unknown.
	enumeration	tmo	Specifies that the DMO state is TMO (Trunked Mode Operation).
	enumeration	dmo	Specifies that the DMO state is DMO (Direct Mode Operation).
	enumeration	idleDualWatch	Specifies that the Terminal is in idle dual watch state.
	enumeration	fullDualWatch	Specifies that the Terminal is in full dual watch state.
	enumeration	txInhibit	Specifies that the Terminal has Transmit Inhibit(TxI) On.
Source	`<xs:element name="dmoState" type="typeDmoState"/>`		

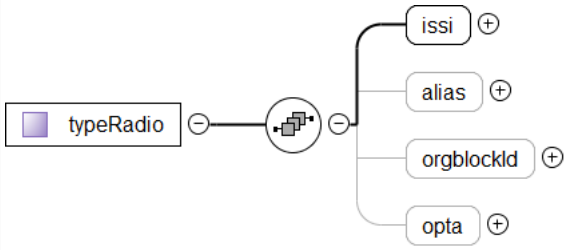
Element `typeRadioTrackingData / emergency`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Type	xs:boolean
Properties	content: simple
Source	`<xs:element name="emergency" type="xs:boolean"/>`

Complex Type(s)

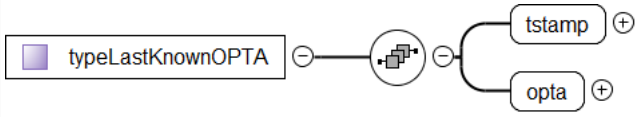
Complex Type `typeRadio`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	

Diagram	
Used by	Element Radio_GetGroups/radio
Model	issi , alias{0,1} , orgblockId{0,1} , opta{0,1}
Children	alias, issi, opta, orgblockId

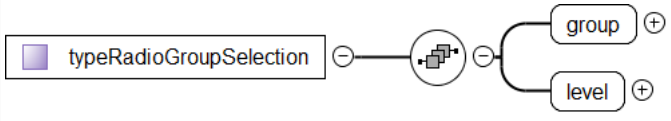
Source	`<xs:complexType name="typeRadio">`
	`  <xs:annotation>`
	`  <xs:documentation/>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="issi" type="ct:typeSubscriberAddress"/>`
	`  <xs:element name="alias" type="xs:normalizedString" minOccurs="0"/>`
	`  <xs:element name="orgblockId" type="ctO:typeOrganisationBlockId" minOccurs="0"/>`
	`  <xs:element name="opta" type="typeLastKnownOPTA" minOccurs="0"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Complex Type `typeLastKnownOPTA`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
Used by	Element typeRadio/opta
Model	tstamp , opta
Children	opta, tstamp

Source	`<xs:complexType name="typeLastKnownOPTA">`
	`  <xs:sequence>`
	`  <xs:element name="tstamp" type="xs:dateTime"/>`
	`  <xs:element name="opta" type="ct:typeOPTA"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

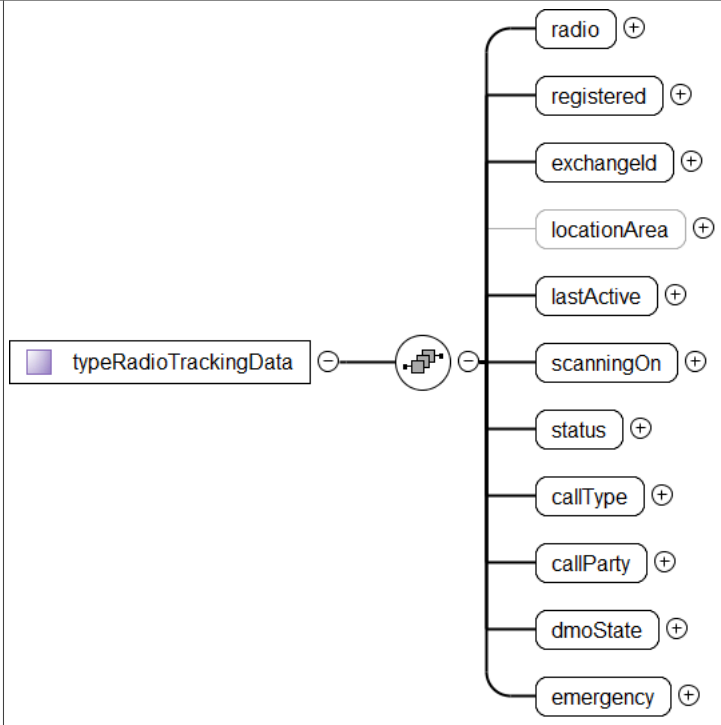
Complex Type `typeRadioGroupSelection`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	
Diagram	
Model	group , level
Children	group, level

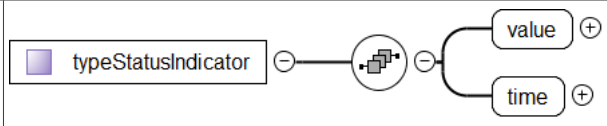
Source	`<xs:complexType name="typeRadioGroupSelection">`
	`  <xs:annotation>`
	`  <xs:documentation/>`
	`  </xs:annotation>`
	`  <xs:sequence>`
	`  <xs:element name="group" type="ct:typeSubscriberAddress"/>`
	`  <xs:element name="level" type="typeGroupSelectionLevel"/>`
	`  </xs:sequence>`
	`</xs:complexType>`

Complex Type `typeRadioTrackingData`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes

Annotations	
Diagram	
Model	radio , registered , exchangeId , locationArea{0,1} , lastActive , scanningOn , status , callType , callParty , dmoState , emergency
Children	callParty, callType, dmoState, emergency, exchangeId, lastActive, locationArea, radio, registered, scanningOn, status
Source	<xs:complexType name="typeRadioTrackingData"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="radio" type="ct:typeSubscriberAddress"/> <xs:element name="registered" type="xs:boolean"/> <xs:element name="exchangeId" type="xs:unsignedLong"/> <xs:element name="locationArea" type="xs:unsignedShort" minOccurs="0"/> <xs:element name="lastActive" type="xs:dateTime"/> <xs:element name="scanningOn" type="xs:boolean"/> <xs:element name="status" type="typeStatusIndicator"/> <xs:element name="callType" type="typeCallType"/> <xs:element name="callParty" type="ct:typeSubscriberAddress"/> <xs:element name="dmoState" type="typeDmoState"/> <xs:element name="emergency" type="xs:boolean"/> </xs:sequence> </xs:complexType>

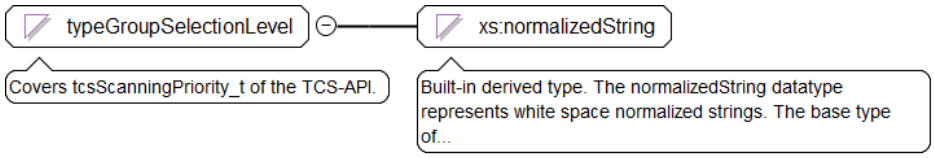
Complex Type `typeStatusIndicator`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	
Diagram	
Used by	Element typeRadioTrackingData/status
Model	value , time
Children	time, value
Source	<xs:complexType name="typeStatusIndicator"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="value" type="xs:unsignedLong"/> <xs:element name="time" type="xs:dateTime"/>

```
  </xs:sequence>
</xs:complexType>
```

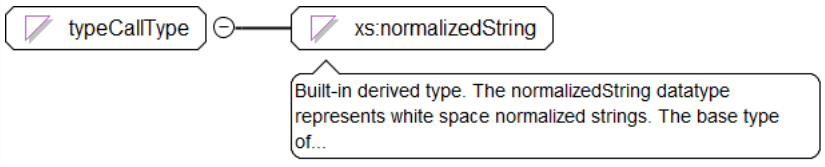
Simple Type(s)

Simple Type `typeGroupSelectionLevel`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	`Covers tcsScanningPriority_t of the TCS-API.`
Diagram	
Type	restriction of xs:normalizedString
Facets	enumeration `notScanned` enumeration `low` enumeration `normal` enumeration `selected` enumeration `high` enumeration `background`
Used by	Element typeRadioGroupSelection/level
Source	see below

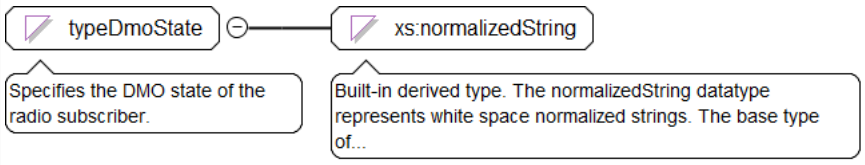
```
<xs:simpleType name="typeGroupSelectionLevel">
  <xs:annotation>
    <xs:documentation>Covers tcsScanningPriority_t of the TCS-API.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:normalizedString">
    <xs:enumeration value="notScanned"/>
    <xs:enumeration value="low"/>
    <xs:enumeration value="normal"/>
    <xs:enumeration value="selected"/>
    <xs:enumeration value="high"/>
    <xs:enumeration value="background"/>
  </xs:restriction>
</xs:simpleType>
```

Simple Type `typeCallType`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	
Diagram	
Type	restriction of xs:normalizedString
Facets	enumeration `unknown` enumeration `no` enumeration `individual`
Used by	Element typeRadioTrackingData/callType
Source	see below

```
<xs:simpleType name="typeCallType">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:restriction base="xs:normalizedString">
    <xs:enumeration value="unknown"/>
    <xs:enumeration value="no"/>
    <xs:enumeration value="individual"/>
  </xs:restriction>
</xs:simpleType>
```

Simple Type `typeDmoState`

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	Specifies the DMO state of the radio subscriber.
Diagram	
Type	restriction of xs:normalizedString

Facets

enumeration	unknown	Specifies that the DMO state is unknown.
enumeration	tmo	Specifies that the DMO state is TMO (Trunked Mode Operation).
enumeration	dmo	Specifies that the DMO state is DMO (Direct Mode Operation).
enumeration	idleDualWatch	Specifies that the Terminal is in idle dual watch state.
enumeration	fullDualWatch	Specifies that the Terminal is in full dual watch state.
enumeration	txInhibit	Specifies that the Terminal has Transmit Inhibit(TxI) On.

Used by	Element	typeRadioTrackingData/dmoState

Source

```
<xs:simpleType name="typeDmoState">
  <xs:annotation>
    <xs:documentation>Specifies the DMO state of the radio subscriber.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:normalizedString">
    <xs:enumeration value="unknown">
      <xs:annotation>
        <xs:documentation>Specifies that the DMO state is unknown.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="tmo">
      <xs:annotation>
        <xs:documentation>Specifies that the DMO state is TMO (Trunked Mode Operation).</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="dmo">
      <xs:annotation>
        <xs:documentation>Specifies that the DMO state is DMO (Direct Mode Operation).</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="idleDualWatch">
      <xs:annotation>
        <xs:documentation>Specifies that the Terminal is in idle dual watch state.</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="fullDualWatch">
      <xs:annotation>
        <xs:documentation>Specifies that the Terminal is in full dual watch state.</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="txInhibit">
      <xs:annotation>
        <xs:documentation>Specifies that the Terminal has Transmit Inhibit(TxI) On.</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```