

# Schema documentation for DR-GW-Radio.xsd

november 5, 2024

## Table of Contents

Namespace: "DR-GW-Interface/DR-GW-Radio" .....	3
Schema(s) .....	3
Main schema DR-GW-Radio.xsd .....	3
Element(s) .....	3
Element Radio_Get .....	3
Element Radio_Get / radio .....	3
Element Radio_GetList .....	4
Element Radio_GetList / orgblockId .....	4
Element Radio_GetGroups .....	5
Element Radio_GetGroups / radio .....	5
Element Radio_Track .....	6
Element Radio_Track / radio .....	7
Element Radio_Track / stop .....	7
Element Radio_ChangeOPTA .....	7
Element Radio_ChangeOPTA / radio .....	8
Element Radio_ChangeOPTA / opta .....	8
Element Radio_EnDisable .....	8
Element Radio_EnDisable / radio .....	9
Element Radio_EnDisable / reason .....	10
Element Radio_EnDisable / enabled .....	10
Namespace: "DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes" .....	10
Schema(s) .....	10
Imported schema DR-GW-OrganisationBlock.CommonTypes.xsd .....	10
Element(s) .....	10
Element typeOrganisationBlockId / orgblockId .....	10
Element typeOrganisationBlockIdNormal / id1 .....	11
Element typeOrganisationBlockIdNormal / id2 .....	11
Element typeOrganisationBlockIdNormal / id3 .....	12
Element typeOrganisationBlockIdNormal / id4 .....	12
Element typeOrganisationBlockIdNormal / id5 .....	12
Element typeOrganisationBlockIdNormal / id6 .....	12
Element typeOrganisationBlockId / orgblockIdSimple .....	13
Element typeOrganisationBlock / orgblockId .....	13
Element typeOrganisationBlock / alias .....	13
Complex Type(s) .....	13
Complex Type typeOrganisationBlockId .....	13
Complex Type typeOrganisationBlockIdNormal .....	14
Complex Type typeOrganisationBlock .....	14
Simple Type(s) .....	15
Simple Type typeOrganisationBlockIdSimple .....	15
Namespace: "DR-GW-Interface/DR-GW-Group.CommonTypes" .....	15
Schema(s) .....	15
Imported schema DR-GW-Group.CommonTypes.xsd .....	15
Element(s) .....	15
Element typeGroup / addr .....	15
Element typeGroup / alias .....	16
Element typeGroup / orgblockId .....	16
Element typeGroupSubscribeData / addr .....	16
Element typeGroupSubscribeData / useSDS .....	17
Element typeGroupSubscribeData / useStatus .....	17
Element typeGroupSubscribeDataEvent / addr .....	17
Element typeGroupSubscribeDataEvent / useSDS .....	17
Element typeGroupSubscribeDataEvent / useStatus .....	18
Simple Type(s) .....	18
Simple Type typeMembershipType .....	18
Simple Type typeGroupTrackingMaskValues .....	18
Simple Type typeGroupTrackingMask .....	19
Complex Type(s) .....	19
Complex Type typeGroup .....	19
Complex Type typeGroupSubscribeData .....	20

Complex Type typeGroupSubscribeDataEvent .....	20
Namespace: "DR-GW-Interface/CommonTypes" .....	21
Schema(s) .....	21
Imported schema CommonTypes.xsd .....	21
Element(s) .....	21
Element ct:typeRequest / ct:requestId .....	21
Element ct:typeSubscriberAddress / ct:ssi .....	21
Element ct:typeSubscriberAddress / ct:tsi .....	21
Element ct:typeTSI / ct:mnc .....	22
Element ct:typeTSI / ct:mcc .....	22
Element ct:typeTSI / ct:ssi .....	22
Element ct:typeResult / ct:responseCode .....	22
Element ct:typeResult / ct:sourceSystem .....	23
Element ct:typeResult / ct:result .....	23
Element ct:typeExternal / ct:gatewayNumber .....	23
Element ct:typeExternal / ct:number .....	23
Element ct:typeAddress / ct:subscriber .....	24
Element ct:typeAddress / ct:alias .....	24
Element ct:typeAddress / ct:msisdn .....	24
Element ct:typeAddress / ct:fssn .....	24
Element ct:typeAddress / ct:external .....	25
Element ct:typeAddress / ct:opta .....	25
Element ct:typeAddress / ct:cell .....	25
Element ct:typeResponse / ct:requestId .....	26
Element ct:typeResponse / ct:result .....	26
Element ct:typeEvent / ct:requestId .....	26
Element ct:typeEvent / ct:result .....	27
Complex Type(s) .....	27
Complex Type ct:typeRequest .....	27
Complex Type ct:typeSubscriberAddress .....	27
Complex Type ct:typeTSI .....	28
Complex Type ct:typeResult .....	28
Complex Type ct:typeExternal .....	29
Complex Type ct:typeAddress .....	29
Complex Type ct:typeResponse .....	30
Complex Type ct:typeEvent .....	30
Complex Type ct:typeEmpty .....	30
Simple Type(s) .....	30
Simple Type ct:typeOPTA .....	30
Simple Type ct:typeResponseCode .....	31
Simple Type ct:typeSourceSystem .....	31
Simple Type ct:typeDialString .....	32
Simple Type ct:typeAddressingStyle .....	32
Namespace: "DR-GW-Interface/DR-GW-Radio.CommonTypes" .....	32
Schema(s) .....	32
Imported schema DR-GW-Radio.CommonTypes.xsd .....	32
Element(s) .....	33
Element typeRadio / issi .....	33
Element typeRadio / alias .....	33
Element typeRadio / orgblockId .....	33
Element typeRadio / opta .....	33
Element typeLastKnownOPTA / tstamp .....	34
Element typeLastKnownOPTA / opta .....	34
Element typeRadioGroupSelection / group .....	34
Element typeRadioGroupSelection / level .....	35
Element typeRadioTrackingData / radio .....	35
Element typeRadioTrackingData / registered .....	35
Element typeRadioTrackingData / exchangeId .....	35
Element typeRadioTrackingData / locationArea .....	36
Element typeRadioTrackingData / lastActive .....	36
Element typeRadioTrackingData / scanningOn .....	36
Element typeRadioTrackingData / status .....	36
Element typeStatusIndicator / value .....	37
Element typeStatusIndicator / time .....	37
Element typeRadioTrackingData / callType .....	37
Element typeRadioTrackingData / callParty .....	37
Element typeRadioTrackingData / dmoState .....	38
Element typeRadioTrackingData / emergency .....	38
Complex Type(s) .....	38
Complex Type typeRadio .....	38
Complex Type typeLastKnownOPTA .....	39
Complex Type typeRadioGroupSelection .....	39

Complex Type typeRadioTrackingData .....	39
Complex Type typeStatusIndicator .....	40
Simple Type(s) .....	41
Simple Type typeGroupSelectionLevel .....	41
Simple Type typeCallType .....	41

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

### Schema(s)

#### Main schema DR-GW-Radio.xsd

Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	Version 1.1.1
Properties	attribute form default: unqualified element form default: qualified

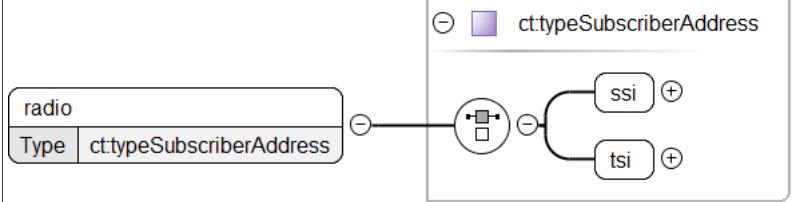
### Element(s)

#### Element Radio\_Get

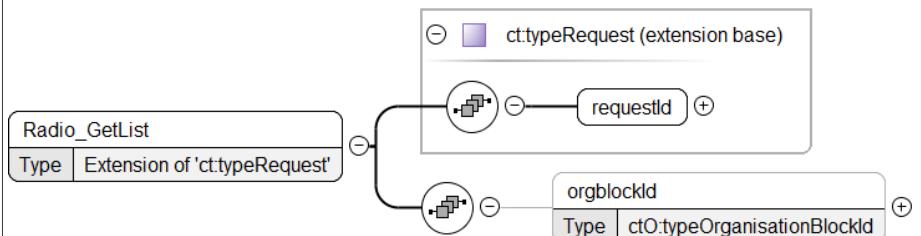
Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	<pre> classDiagram     class Radio_Get {         &lt;&lt;Extension of 'ct:typeRequest'&gt;&gt;     }     class ct?typeRequest {         &lt;&lt;extension base&gt;&gt;     }     Radio_Get "0..1" -- "1..1" ct:requestId     Radio_Get "0..1" -- "1..1" radio : ct?typeSubscriberAddress   </pre>
Type	extension of ct:typeRequest
Type hierarchy	<ul style="list-style-type: none"> <li>• ct:typeRequest</li> </ul>
Properties	content: complex
Model	ct:requestId , radio
Children	ct:requestId, radio
Instance	<pre> &lt;Radio_Get xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:requestId&gt;{1,1}&lt;/ct:requestId&gt;   &lt;radio&gt;{1,1}&lt;/radio&gt; &lt;/Radio_Get&gt;   </pre>
Source	<pre> &lt;xs:element name="Radio_Get"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="ct:typeRequest"&gt;         &lt;xs:sequence&gt;           &lt;xs:element name="radio" type="ct:typeSubscriberAddress"/&gt;         &lt;/xs:sequence&gt;       &lt;/xs:extension&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

#### Element Radio\_Get / radio

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

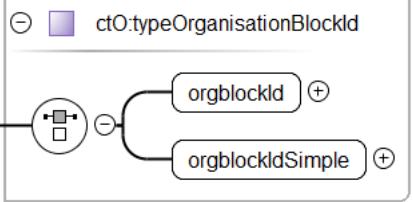
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi   ct:tsi
Children	ct:ssi, ct:tsi
Instance	<radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </radio>
Source	<x:element name="radio" type="ct:typeSubscriberAddress"/>

## Element Radio\_GetList

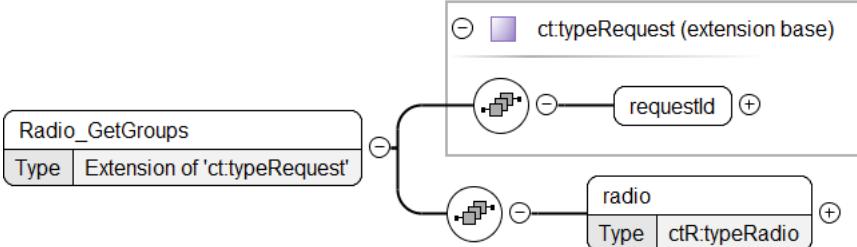
Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	<ul style="list-style-type: none"> <li>• ct:typeRequest</li> </ul>
Properties	content: complex
Model	ct:requestId , orgblockId{0,1}
Children	ct:requestId, orgblockId
Instance	<Radio_GetList xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{1,1}</ct:requestId> <orgblockId>{0,1}</orgblockId> </Radio_GetList>
Source	<x:element name="Radio_GetList"> <x:annotation> <x:documentation></x:documentation> </x:annotation> <x:complexType> <x:complexContent> <x:extension base="ct:typeRequest"> <x:sequence> <x:element name="orgblockId" type="ctO:typeOrganisationBlockId" minOccurs="0"/> </x:sequence> </x:extension> </x:complexContent> </x:complexType> </x:element>

## Element Radio\_GetList / orgblockId

Namespace	DR-GW-Interface/DR-GW-Radio
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Diagram	
Type	typeOrganisationBlockId
Properties	content: complex minOccurs: 0
Model	orgblockId   orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<orgblockId xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct0="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"> <ct0:orgblockId>{1,1}</ct0:orgblockId> <ct0:orgblockIdSimple>{1,1}</ct0:orgblockIdSimple> </orgblockId>
Source	<xs:element name="orgblockId" type="ct0: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: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
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Diagram	
Type	typeRadio
Properties	content: complex
Model	issi , alias , orgblockId , opta{0,1}
Children	alias, issi, opta, orgblockId
Instance	<pre>&lt;radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ctR="DR-GW-Interface/DR-GW-Radio.CommonTypes"&gt;   &lt;ctR:issi&gt;{1,1}&lt;/ctR:issi&gt;   &lt;ctR:alias&gt;{1,1}&lt;/ctR:alias&gt;   &lt;ctR:orgblockId&gt;{1,1}&lt;/ctR:orgblockId&gt;   &lt;ctR:opta&gt;{0,1}&lt;/ctR:opta&gt; &lt;/radio&gt;</pre>
Source	<code>&lt;xss:element name="radio" type="ctR:typeRadio"/&gt;</code>

## Element Radio\_Track

Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	
Type	extension of ct:typeRequest
Type hierarchy	<ul style="list-style-type: none"> <li>• ct:typeRequest</li> </ul>
Properties	content: complex
Model	ct:requestId , radio , stop
Children	ct:requestId, radio, stop
Instance	<pre>&lt;Radio_Track xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;t:requestId&gt;{1,1}&lt;/t:requestId&gt;   &lt;radio&gt;{1,1}&lt;/radio&gt;   &lt;stop&gt;{1,1}&lt;/stop&gt; &lt;/Radio_Track&gt;</pre>
Source	<code>&lt;xss:element name="Radio_Track"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation/&gt;   &lt;/xss:annotation&gt;   &lt;xss:complexType&gt;     &lt;xss:complexContent&gt;       &lt;xss:extension base="ct:typeRequest"&gt;         &lt;xss:sequence&gt;           &lt;xss:element name="radio" type="ct:typeSubscriberAddress"/&gt;           &lt;xss:element name="stop" type="xs:boolean"/&gt;         &lt;/xss:sequence&gt;       &lt;/xss:extension&gt;     &lt;/xss:complexContent&gt;   &lt;/xss:complexType&gt; &lt;/xss:element&gt;</code>

```

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

```

## Element Radio\_Track / radio

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

## Element Radio\_Track / stop

Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	<p>Built-in primitive type. It defines the boolean values true and false.</p>
Type	xs:boolean
Properties	content: simple
Source	<pre>&lt;xs:element name="stop" type="xs:boolean"/&gt;</pre>

## Element Radio\_ChangeOPTA

Namespace	DR-GW-Interface/DR-GW-Radio
Annotations	
Diagram	<pre> classDiagram     class Radio_ChangeOPTA {         &lt;&lt;Extension of 'ct:typeRequest'&gt;&gt;     }     Radio_ChangeOPTA &lt; -- ct:typeRequest     Radio_ChangeOPTA --&gt; requestId     Radio_ChangeOPTA --&gt; radio     Radio_ChangeOPTA --&gt; opta </pre>
Type	extension of ct:typeRequest
Type hierarchy	<ul style="list-style-type: none"> <li>• ct:typeRequest</li> </ul>
Properties	content: complex

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

### 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	<pre>&lt;radio xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt;   &lt;ct:tsi&gt;{1,1}&lt;/ct:tsi&gt; &lt;/radio&gt;</pre>
Source	<pre>&lt;xs:element name="radio" type="ct:typeSubscriberAddress"/&gt;</pre>

### Element Radio\_ChangeOPTA / opta

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

### 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.

	<p>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.</p>
Diagram	<pre> classDiagram     ct:typeRequest &lt; -- Radio_EnDisable     Radio_EnDisable {         -requestId         +radio         +reason : xs:unsignedByte         +enabled : xs:boolean     }     note over Radio_EnDisable: This method is used to Enable the radio terminal over the air or to Disable the radio terminal over the air. If no...   </pre>
Type	extension of ct:typeRequest
Type hierarchy	<ul style="list-style-type: none"> <li>ct:typeRequest</li> </ul>
Properties	content: complex
Model	ct:requestId , radio , reason{0,1} , enabled
Children	ct:requestId, enabled, radio, reason
Instance	<pre> &lt;Radio_EnDisable xmlns="DR-GW-Interface/DR-GW-Radio" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:requestId&gt;{1,1}&lt;/ct:requestId&gt;   &lt;radio&gt;{1,1}&lt;/radio&gt;   &lt;reason&gt;{0,1}&lt;/reason&gt;   &lt;enabled&gt;{1,1}&lt;/enabled&gt; &lt;/Radio_EnDisable&gt;   </pre>
Source	<pre> &lt;xs:element name="Radio_EnDisable"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;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.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="ct:typeRequest"&gt;         &lt;xs:sequence&gt;           &lt;xs:element name="radio" type="ct:typeSubscriberAddress"/&gt;           &lt;xs:element name="reason" type="xs:unsignedByte" minOccurs="0"/&gt;           &lt;xs:element name="enabled" type="xs:boolean"/&gt;         &lt;/xs:sequence&gt;       &lt;/xs:extension&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;   </pre>

## Element Radio\_EnDisable / radio

Namespace	DR-GW-Interface/DR-GW-Radio
Diagram	<pre> classDiagram     ct:typeSubscriberAddress &lt; -- radio     radio {         +ssi         +tsi     }   </pre>
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	<xss:element name="radio" type="ct:typeSubscriberAddress"/>

**Element Radio\_EnDisable / reason**

Namespace	DR-GW-Interface/DR-GW-Radio				
Diagram	<pre> graph LR     reason[reason] --&gt; type[xs:unsignedByte]     type --&gt; note["Built-in derived type. The unsignedByte datatype is derived from unsignedShort by setting the value of maxInclusive to..."]   </pre>				
Type	xs:unsignedByte				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<xss:element name="reason" type="xs:unsignedByte" minOccurs="0"/>				

**Element Radio\_EnDisable / enabled**

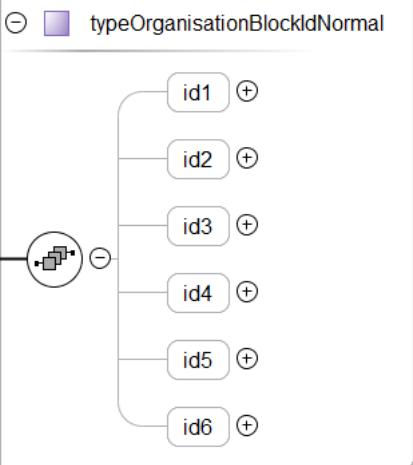
Namespace	DR-GW-Interface/DR-GW-Radio		
Diagram	<pre> graph LR     enabled[enabled] --&gt; type[xs:boolean]     type --&gt; note["Built-in primitive type. It defines the boolean values true and false."]   </pre>		
Type	xs:boolean		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>	content:	simple
content:	simple		
Source	<xss:element name="enabled" type="xs:boolean"/>		

**Namespace: "DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"****Schema(s)****Imported schema DR-GW-OrganisationBlock.CommonTypes.xsd**

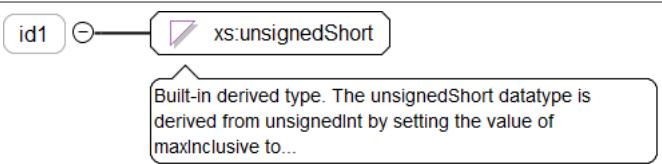
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Annotations	Version 1.1.1				
Properties	<table border="1"> <tr> <td>attribute form default:</td> <td>unqualified</td> </tr> <tr> <td>element form default:</td> <td>qualified</td> </tr> </table>	attribute form default:	unqualified	element form default:	qualified
attribute form default:	unqualified				
element form default:	qualified				

**Element(s)****Element typeOrganisationBlockId / orgblockId**

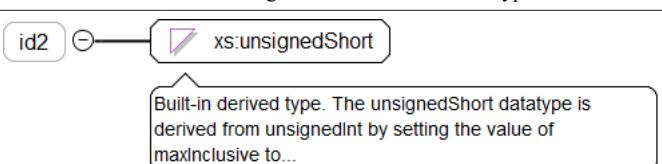
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
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Diagram	
Type	typeOrganisationBlockIdNormal
Properties	content: complex
Model	id1{0,1} , id2{0,1} , id3{0,1} , id4{0,1} , id5{0,1} , id6{0,1}
Children	id1, id2, id3, id4, id5, id6
Instance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

### Element typeOrganisationBlockIdNormal / id1

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

### Element typeOrganisationBlockIdNormal / id2

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

**Element typeOrganisationBlockIdNormal / id3**

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Diagram	<p>id3 → xs:unsignedShort</p> <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>				
Type	xs:unsignedShort				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<code>&lt;xss:element name="id3" type="xs:unsignedShort" minOccurs="0" /&gt;</code>				

**Element typeOrganisationBlockIdNormal / id4**

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Diagram	<p>id4 → xs:unsignedShort</p> <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>				
Type	xs:unsignedShort				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<code>&lt;xss:element name="id4" type="xs:unsignedShort" minOccurs="0" /&gt;</code>				

**Element typeOrganisationBlockIdNormal / id5**

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Diagram	<p>id5 → xs:unsignedShort</p> <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>				
Type	xs:unsignedShort				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<code>&lt;xss:element name="id5" type="xs:unsignedShort" minOccurs="0" /&gt;</code>				

**Element typeOrganisationBlockIdNormal / id6**

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes				
Diagram	<p>id6 → xs:unsignedShort</p> <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>				
Type	xs:unsignedShort				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<code>&lt;xss:element name="id6" type="xs:unsignedShort" minOccurs="0" /&gt;</code>				

## Element typeOrganisationBlockId / orgblockIdSimple

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	<p>The diagram shows a UML class hierarchy. At the top is a class icon with a purple square containing a pencil, labeled 'typeOrganisationBlockIdSimple'. A line with a minus sign at the start connects to another class icon with a white rounded rectangle, labeled 'orgblockIdSimple'. Below the diagram is a callout box containing the text: 'Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6'.</p>
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	<p>The diagram shows a UML class hierarchy. At the top is a class icon with a purple square containing a pencil, labeled 'typeOrganisationBlockId'. A line with a minus sign at the start connects to another class icon with a white rounded rectangle, labeled 'orgblockId'. From 'orgblockId', two lines branch out: one to a class icon with a white rounded rectangle, labeled 'orgblockId', and another to a class icon with a white rounded rectangle, labeled 'orgblockIdSimple'. Both branches end with a plus sign. Below the diagram is a callout box containing the text: 'Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...'.</p>
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"/>

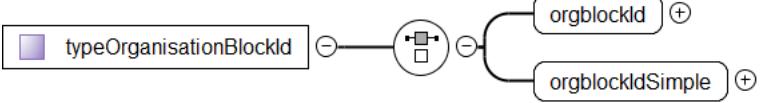
## Element typeOrganisationBlock / alias

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Diagram	<p>The diagram shows a UML class hierarchy. At the top is a class icon with a white rounded rectangle, labeled 'xs:normalizedString'. A line with a minus sign at the start connects to another class icon with a white rounded rectangle, labeled 'alias'. Below the diagram is a callout box containing the text: 'Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...'.</p>
Type	xs:normalizedString
Properties	content: simple
Source	<xs:element name="alias" type="xs:normalizedString"/>

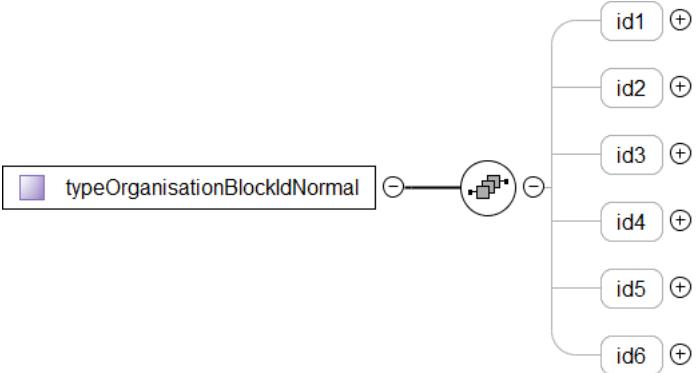
## Complex Type(s)

### Complex Type typeOrganisationBlockId

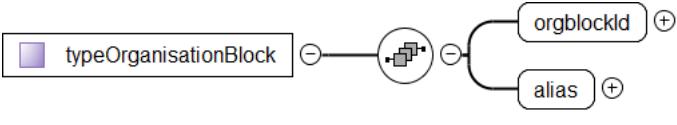
Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	

Diagram	
Used by	Elements Radio_GetList/orgblockId, typeGroup/orgblockId, typeOrganisationBlock/orgblockId, typeRadio/org-blockId
Model	orgblockId   orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Source	<pre>&lt;xs:complexType name="typeOrganisationBlockId"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:choice&gt;     &lt;xs:element name="orgblockId" type="typeOrganisationBlockIdNormal"/&gt;     &lt;xs:element name="orgblockIdSimple" type="typeOrganisationBlockIdSimple"/&gt;   &lt;/xs:choice&gt; &lt;/xs:complexType&gt;</pre>

## 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	<pre>&lt;xs:complexType name="typeOrganisationBlockIdNormal"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="id1" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id2" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id3" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id4" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id5" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="id6" type="xs:unsignedShort" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## Complex Type typeOrganisationBlock

Namespace	DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes
Annotations	
Diagram	
Model	orgblockId , alias
Children	alias, orgblockId

Source	<pre>&lt;xss:complexType name="typeOrganisationBlock"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation/&gt;   &lt;/xss:annotation&gt;   &lt;xss:sequence&gt;     &lt;xss:element name="orgblockId" type="typeOrganisationBlockId"/&gt;     &lt;xss:element name="alias" type="xs:normalizedString"/&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt;</pre>
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## 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	<p>The diagram shows a UML class named 'typeOrganisationBlockIdSimple' with a hollow circle symbol indicating it is a derived type. It is connected by a line to another class named 'xs:normalizedString', which has a solid circle symbol. Below the classes are two callouts. The first callout, pointing to 'typeOrganisationBlockIdSimple', contains the text: 'Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6'. The second callout, pointing to 'xs:normalizedString', contains the text: 'Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...'.</p>
Type	restriction of xs:normalizedString
Facets	<p>pattern</p> <pre>(( [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]))</pre>
Used by	Element typeOrganisationBlockId/orgblockIdSimple
Source	<pre>&lt;xss:simpleType name="typeOrganisationBlockIdSimple"&gt;   &lt;xss:annotation&gt;     &lt;xss:documentation&gt;Organisation block send as simple normalized string. The pattern is: id1-id2-id3-id4-id5-id6&lt;/xss:documentation&gt;   &lt;/xss:annotation&gt;   &lt;xss:restriction base="xs:normalizedString"&gt;     &lt;xss: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]))" /&gt;   &lt;/xss:restriction&gt; &lt;/xss:simpleType&gt;</pre>

## 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 1.1.1				
Properties	<table border="1"> <tr> <td>attribute form default:</td> <td>unqualified</td> </tr> <tr> <td>element form default:</td> <td>qualified</td> </tr> </table>	attribute form default:	unqualified	element form default:	qualified
attribute form default:	unqualified				
element form default:	qualified				

## Element(s)

### Element typeGroup / addr

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<p>The diagram illustrates the structure of the 'addr' element. It consists of a central square node with three outgoing lines. One line points to a 'ct:typeSubscriberAddress' node, which is enclosed in a rounded rectangle. Another line points to a 'ssi' node, and a third line points to a 'tsi' node. The 'ssi' and 'tsi' nodes are also enclosed in rounded rectangles. There are '+' symbols at the ends of the lines connecting the central node to 'ct:typeSubscriberAddress' and 'ssi'.</p>

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	<xss:element name="addr" type="ct:typeSubscriberAddress"/>

### Element typeGroup / alias

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<pre> classDiagram     alias &lt;--&gt; xs:normalizedString     note over xs:normalizedString: Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...   </pre>
Type	xs:normalizedString
Properties	content: simple
Source	<xss:element name="alias" type="xs:normalizedString"/>

### Element typeGroup / orgblockId

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<pre> classDiagram     orgblockId &lt;--&gt; ctO:typeOrganisationBlockId     orgblockId &lt;--&gt; orgblockIdSimple     orgblockIdSimple &lt;--&gt; orgblockId   </pre>
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	<xss:element name="orgblockId" type="ctO:typeOrganisationBlockId"/>

### Element typeGroupSubscribeData / addr

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<pre> classDiagram     addr &lt;--&gt; ct:typeSubscriberAddress     addr &lt;--&gt; ssi     addr &lt;--&gt; tsi   </pre>
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi   ct:tsi

Children	ct:ssi, ct:tsi
Instance	<pre>&lt;addr xmlns="DR-GW-Interface/DR-GW-Group.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt;   &lt;ct:tsi&gt;{1,1}&lt;/ct:tsi&gt; &lt;/addr&gt;</pre>
Source	<code>&lt;xss:element name="addr" type="ct:typeSubscriberAddress" /&gt;</code>

### Element typeGroupSubscribeData / useSDS

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<p>The diagram shows a rounded rectangle labeled "useSDS" connected by a line with an open circle to another rounded rectangle labeled "xs:boolean". A callout box points to the "xs:boolean" box with the text: "Built-in primitive type. It defines the boolean values true and false."</p>
Type	xs:boolean
Properties	content: simple
Source	<code>&lt;xss:element name="useSDS" type="xs:boolean" /&gt;</code>

### Element typeGroupSubscribeData / useStatus

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<p>The diagram shows a rounded rectangle labeled "useStatus" connected by a line with an open circle to another rounded rectangle labeled "xs:boolean". A callout box points to the "xs:boolean" box with the text: "Built-in primitive type. It defines the boolean values true and false."</p>
Type	xs:boolean
Properties	content: simple
Source	<code>&lt;xss:element name="useStatus" type="xs:boolean" /&gt;</code>

### Element typeGroupSubscribeDataEvent / addr

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<p>The diagram shows a rounded rectangle labeled "addr" connected by a line with an open circle to another rounded rectangle labeled "ct:typeSubscriberAddress". Inside "ct:typeSubscriberAddress", there is a callout box containing two circles labeled "ssi" and "tsi", each with a plus sign (+) next to it.</p>
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi   ct:tsi
Children	ct:ssi, ct:tsi
Instance	<pre>&lt;addr xmlns="DR-GW-Interface/DR-GW-Group.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt;   &lt;ct:tsi&gt;{1,1}&lt;/ct:tsi&gt; &lt;/addr&gt;</pre>
Source	<code>&lt;xss:element name="addr" type="ct:typeSubscriberAddress" /&gt;</code>

### Element typeGroupSubscribeDataEvent / useSDS

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Diagram	<p>The diagram shows a rounded rectangle labeled "useSDS" connected by a line with an open circle to another rounded rectangle labeled "xs:boolean". A callout box points to the "xs:boolean" box with the text: "Built-in primitive type. It defines the boolean values true and false."</p>

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	<pre> graph LR     useStatus[useStatus] --&gt; xsBoolean[xs:boolean]     </pre> <p>Built-in primitive type. It defines the boolean values true and false.</p>
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	<pre> graph LR     typeMembershipType[typeMembershipType] --&gt; xsNormalizedString[xs:normalizedString]     </pre> <p>Specifies a group - radio subscriber membership type.</p> <p>Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...</p>						
Type	restriction of xs:normalizedString						
Facets	<table> <tr> <td>enumeration</td> <td>unknown</td> </tr> <tr> <td>enumeration</td> <td>permanent</td> </tr> <tr> <td>enumeration</td> <td>visiting</td> </tr> </table>	enumeration	unknown	enumeration	permanent	enumeration	visiting
enumeration	unknown						
enumeration	permanent						
enumeration	visiting						
Source	<pre> &lt;xs:simpleType name="typeMembershipType"&gt;     &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Specifies a group - radio subscriber membership type.&lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:restriction base="xs:normalizedString"&gt;         &lt;xs:enumeration value="unknown"/&gt;         &lt;xs:enumeration value="permanent"/&gt;         &lt;xs:enumeration value="visiting"/&gt;     &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>						

### Simple Type typeGroupTrackingMaskValues

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes												
Annotations													
Diagram	<pre> graph LR     typeGroupTrackingMaskValues[typeGroupTrackingMaskValues] --&gt; xsUnsignedShort[xs:unsignedShort]     </pre> <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>												
Type	restriction of xs:unsignedShort												
Facets	<table> <tr> <td>enumeration</td> <td>0</td> <td>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_BASIC_C</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_RS_ADD_REMOVE_C</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_G4WIF_ADD_REMOVE_C</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_WSUSER_ADD_REMOVE_C</td> </tr> </table>	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	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	<pre>&lt;xs:simpleType name="typeGroupTrackingMaskValues"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;       &lt;/xs:documentation&gt;     &lt;/xs:annotation&gt;     &lt;xs:restriction base="xs:unsignedShort"&gt;       &lt;xs:enumeration value="0"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_BASIC_C&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="1"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_RS_ADD_REMOVE_C&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="2"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_G4WIF_ADD_REMOVE_C&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="4"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_WSUSER_ADD_REMOVE_C&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="8"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_CBR_REMOVE_C&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="16"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_GROUP_ADD_REMOVE_C&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;       &lt;xs:enumeration value="65535"&gt;         &lt;xs:annotation&gt;           &lt;xs:documentation&gt;TCS_GROUP_SUBSCRIPTION_MASK_VALUES_T_ALL_C&lt;/xs:documentation&gt;         &lt;/xs:annotation&gt;       &lt;/xs:enumeration&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>		

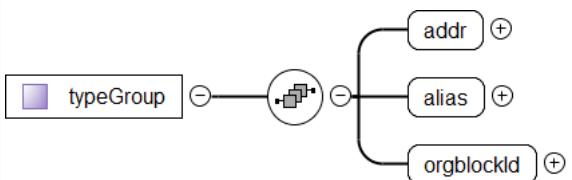
## Simple Type typeGroupTrackingMask

Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	Bit mask of one or more typeGroupTrackingMaskValues using bitwise OR.
Diagram	<p>The diagram shows a UML class named "typeGroupTrackingMask" with a hollow diamond symbol indicating it is a derived type. A line connects it to another hollow diamond symbol labeled "xs:unsignedShort", representing its base type. A callout box below "typeGroupTrackingMask" states: "Bit mask of one or more typeGroupTrackingMaskValues using bitwise OR.". Another callout box below "xs:unsignedShort" states: "Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...".</p>
Type	xs:unsignedShort
Source	<pre>&lt;xs:simpleType name="typeGroupTrackingMask"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Bit mask of one or more typeGroupTrackingMaskValues using bitwise OR.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:unsignedShort" /&gt; &lt;/xs:simpleType&gt;</pre>

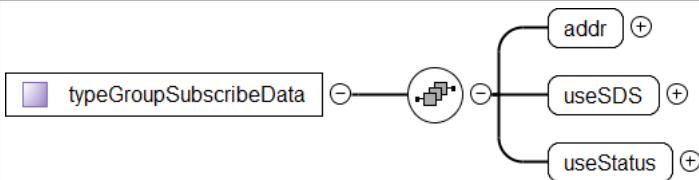
## Complex Type(s)

### Complex Type typeGroup

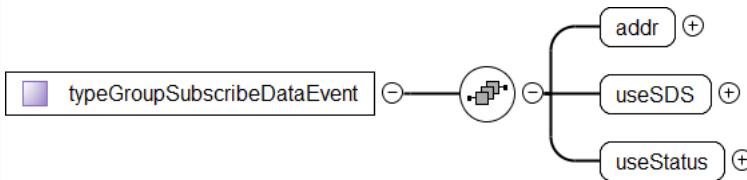
Namespace	DR-GW-Interface/DR-GW-Group.CommonTypes
Annotations	

Diagram	
Model	addr , alias , orgblockId
Children	addr, alias, orgblockId
Source	<pre>&lt;xs:complexType name="typeGroup"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="addr" type="ct:typeSubscriberAddress"/&gt;     &lt;xs:element name="alias" type="xs:normalizedString"/&gt;     &lt;xs:element name="orgblockId" type="cto:typeOrganisationBlockId"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### Complex Type typeGroupSubscribeData

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

### Complex Type typeGroupSubscribeDataEvent

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

## Namespace: "DR-GW-Interface/CommonTypes"

### Schema(s)

Imported schema `CommonTypes.xsd`

Namespace	DR-GW-Interface/CommonTypes
Annotations	Version 1.1.1
Properties	attribute form default: unqualified element form default: qualified

### Element(s)

Element `ct:typeRequest / ct:requestId`

Namespace	DR-GW-Interface/CommonTypes
Diagram	<p>The diagram shows the element <code>requestId</code> represented by a rounded rectangle with a minus sign (-) inside. It is connected by a line to a box containing the XML type <code>xs:unsignedLong</code>, which is preceded by a pencil icon indicating it is a derived type.</p> <p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>
Type	<code>xs:unsignedLong</code>
Properties	content: simple
Source	<code>&lt;xs:element name="requestId" type="xs:unsignedLong"/&gt;</code>

Element `ct:typeSubscriberAddress / ct:ssi`

Namespace	DR-GW-Interface/CommonTypes
Diagram	<p>The diagram shows the element <code>ssi</code> represented by a rounded rectangle with a minus sign (-) inside. It is connected by a line to a box containing the XML type <code>xs:unsignedLong</code>, which is preceded by a pencil icon indicating it is a derived type.</p> <p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>
Type	<code>xs:unsignedLong</code>
Properties	content: simple
Source	<code>&lt;xs:element name="ssi" type="xs:unsignedLong"/&gt;</code>

Element `ct:typeSubscriberAddress / ct:tsi`

Namespace	DR-GW-Interface/CommonTypes
Diagram	<p>The diagram shows the element <code>tsi</code> represented by a rounded rectangle with a minus sign (-) inside. It is connected by a line to a box containing the XML type <code>ct:typeTSI</code>, which is preceded by a pencil icon indicating it is a derived type. Inside the <code>ct:typeTSI</code> box, there is a tree structure with three branches: <code>mnc</code>, <code>mcc</code>, and <code>ssi</code>, each with a plus sign (+) next to it.</p> <p>Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).</p>
Type	<code>ct:typeTSI</code>
Properties	content: complex
Model	<code>ct:mnc , ct:mcc , ct:ssi</code>

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	<p>mnc</p> <p>xs:unsignedShort</p> <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>
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	<p>mcc</p> <p>xs:unsignedShort</p> <p>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to...</p>
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	<p>ssi</p> <p>xs:unsignedLong</p> <p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>
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	<p>responseCode</p> <p>ct:typeResponseCode</p>						
Type	ct:typeResponseCode						
Properties	content: simple						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>success</td> </tr> <tr> <td>enumeration</td> <td>final_response_pending</td> </tr> <tr> <td>enumeration</td> <td>error</td> </tr> </table>	enumeration	success	enumeration	final_response_pending	enumeration	error
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	
Source	<xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0" />	

**Element ct:typeResult / ct:result**

Namespace	DR-GW-Interface/CommonTypes	
Diagram	<p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>	
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	<p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>	
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	<p>Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.</p>	
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	<pre> classDiagram     class ct:typeSubscriberAddress {         &lt;&lt;complex type&gt;&gt;         &lt;&lt;content: complex&gt;&gt;         &lt;&lt;minOccurs: 0&gt;&gt;         &lt;&lt;subscriber &gt;&gt;         &lt;&lt;ssi &gt;&gt;         &lt;&lt;tsi &gt;&gt;     }     </pre>				
Type	ct:typeSubscriberAddress				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
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

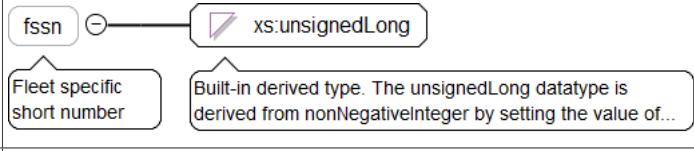
Namespace	DR-GW-Interface/CommonTypes				
Diagram	<p>Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...</p>				
Type	xs:normalizedString				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<xs:element name="alias" type="xs:normalizedString" minOccurs="0"/>				

### Element ct:typeAddress / ct:msisdn

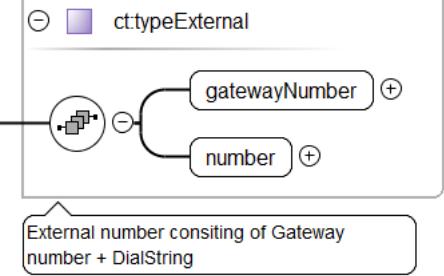
Namespace	DR-GW-Interface/CommonTypes				
Diagram	<p>Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.</p>				
Type	ct:typeDialString				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Facets	maxLength 24				
Source	<xs:element name="msisdn" type="ct:typeDialString" minOccurs="0"/>				

### Element ct:typeAddress / ct:fssn

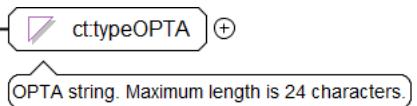
Namespace	DR-GW-Interface/CommonTypes
Annotations	Fleet specific short number

Diagram	
Type	xs:unsignedLong
Properties	content: simple minOccurs: 0
Source	<pre>&lt;xs:element name="fssn" type="xs:unsignedLong" minOccurs="0"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Fleet specific short number&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt; &lt;/xs:element&gt;</pre>

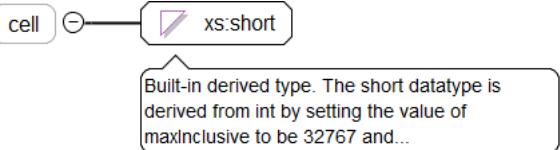
**Element ct:typeAddress / ct:external**

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	<pre>&lt;ct:external xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:gatewayNumber&gt;{1,1}&lt;/ct:gatewayNumber&gt;   &lt;ct:numbers&gt;{1,1}&lt;/ct:numbers&gt; &lt;/ct:external&gt;</pre>
Source	<pre>&lt;xs:element name="external" type="ct:typeExternal" minOccurs="0"/&gt;</pre>

**Element ct:typeAddress / ct:opta**

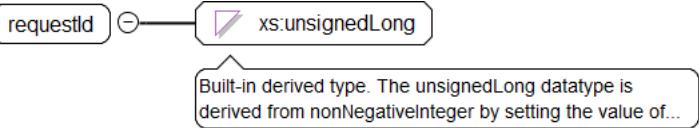
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeOPTA
Properties	content: simple minOccurs: 0
Facets	maxLength 24
Source	<pre>&lt;xs:element name="opta" type="ct:typeOPTA" minOccurs="0"/&gt;</pre>

**Element ct:typeAddress / ct:cell**

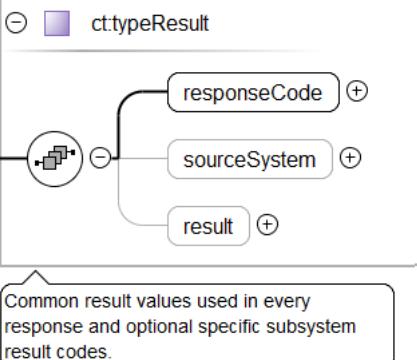
Namespace	DR-GW-Interface/CommonTypes
Diagram	

Type	xs:short
Properties	<p>content: simple</p> <p>minOccurs: 0</p>
Source	<xs:element name="cell" type="xs:short" minOccurs="0"/>

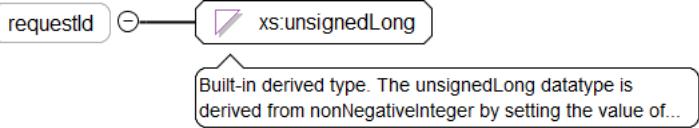
**Element ct:typeResponse / ct:requestId**

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

**Element ct:typeResponse / ct:result**

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeResult
Properties	<p>content: complex</p>
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}
Children	ct:responseCode, ct:result, ct:sourceSystem
Instance	<pre>&lt;ct:result xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:responseCode&gt;{1,1}&lt;/ct:responseCode&gt;   &lt;ct:sourceSystem&gt;{0,1}&lt;/ct:sourceSystem&gt;   &lt;ct:result&gt;{0,1}&lt;/ct:result&gt; &lt;/ct:result&gt;</pre>
Source	<xs:element name="result" type="ct:typeResult"/>

**Element ct:typeEvent / ct:requestId**

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

## Element ct:typeEvent / ct:result

Namespace	DR-GW-Interface/CommonTypes				
Diagram	<pre> classDiagram     class ct:typeResult {         &lt;&lt;Common result values used in every response and optional specific subsystem result codes.&gt;&gt;     }     result &lt;--&gt; ct:typeResult     responseCode &lt;--&gt; ct:typeResult     sourceSystem &lt;--&gt; ct:typeResult   </pre>				
Type	ct:typeResult				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				
Model	ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1}				
Children	ct:responseCode, ct:result, ct:sourceSystem				
Instance	<pre> &lt;ct:result xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:responseCode&gt;{1,1}&lt;/ct:responseCode&gt;   &lt;ct:sourceSystem&gt;{0,1}&lt;/ct:sourceSystem&gt;   &lt;ct:result&gt;{0,1}&lt;/ct:result&gt; &lt;/ct:result&gt;   </pre>				
Source	<pre> &lt;xss:element name="result" type="ct:typeResult" minOccurs="0"/&gt;   </pre>				

## Complex Type(s)

### Complex Type ct:typeRequest

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class typeRequest {         &lt;&lt;Radio requests&gt;&gt;     }     requestId &lt;--&gt; typeRequest   </pre>
Used by	Elements Radio_ChangeOPTA, Radio_EnDisable, Radio_Get, Radio_GetGroups, Radio_GetList, Radio_Track
Model	ct:requestId
Children	ct:requestId
Source	<pre> &lt;xss:complexType name="typeRequest"&gt;   &lt;xss:sequence&gt;     &lt;xss:element name="requestId" type="xs:unsignedLong" /&gt;   &lt;/xss:sequence&gt; &lt;/xss:complexType&gt;   </pre>

### Complex Type ct:typeSubscriberAddress

Namespace	DR-GW-Interface/CommonTypes
Annotations	
Diagram	<pre> classDiagram     class typeSubscriberAddress {         &lt;&lt;Radio subscriber addresses&gt;&gt;     }     ssi &lt;--&gt; typeSubscriberAddress     tsi &lt;--&gt; typeSubscriberAddress   </pre>
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	<pre>&lt;xs:complexType name="typeSubscriberAddress"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:choice&gt;     &lt;xs:element name="ssi" type="xs:unsignedLong"/&gt;     &lt;xs:element name="tsi" type="ct:typeTSI"/&gt;   &lt;/xs:choice&gt; &lt;/xs:complexType&gt;</pre>
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### 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	<p>Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).</p>
Used by	Element ct:typeSubscriberAddress/ct:tsi
Model	ct:mnc , ct:mcc , ct:ssi
Children	ct:mcc, ct:mnc, ct:ssi
Source	<pre>&lt;xs:complexType name="typeTSI"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="mnc" type="xs:unsignedShort"/&gt;     &lt;xs:element name="mcc" type="xs:unsignedShort"/&gt;     &lt;xs:element name="ssi" type="xs:unsignedLong"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### Complex Type ct:typeResult

Namespace	DR-GW-Interface/CommonTypes
Annotations	Common result values used in every response and optional specific subsystem result codes.
Diagram	<p>Common result values used in every response and optional specific subsystem result codes.</p>
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	<pre>&lt;xs:complexType name="typeResult"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Common result values used in every response and optional specific subsystem result codes.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="responseCode" type="ct:typeResponseCode"/&gt;     &lt;xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0"/&gt;     &lt;xs:element name="result" type="xs:unsignedLong" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

<pre>&lt;/xs:complexType&gt;</pre>
------------------------------------

## Complex Type ct:typeExternal

Namespace	DR-GW-Interface/CommonTypes
Annotations	External number consisting of Gateway number + DialString
Diagram	<pre> classDiagram     class typeExternal {         &lt;&lt;External number consisting of Gateway number + DialString&gt;&gt;     }     class gatewayNumber     class number     typeExternal "1" --&gt; gatewayNumber     typeExternal "1" --&gt; number   </pre> <p>The diagram shows a class named 'typeExternal' with two associations pointing to classes 'gatewayNumber' and 'number'. Both associations have multiplicity '1' at the 'typeExternal' end and '+' at the child class ends.</p>
Used by	Element ct:typeAddress/ct:external
Model	ct:gatewayNumber , ct:number
Children	ct:gatewayNumber, ct:number
Source	<pre> &lt;xs:complexType name="typeExternal"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;External number consisting of Gateway number + DialString&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="gatewayNumber" type="xs:unsignedLong"/&gt;     &lt;xs:element name="number" type="ct:typeDialString"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

## Complex Type ct:typeAddress

Namespace	DR-GW-Interface/CommonTypes
Annotations	Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).
Diagram	<pre> classDiagram     class typeAddress {         &lt;&lt;Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).&gt;&gt;     }     class subscriber     class alias     class msisdn     class fssn     class external     class opta     class cell     typeAddress "1" --&gt; subscriber     typeAddress "1" --&gt; alias     typeAddress "1" --&gt; msisdn     typeAddress "1" --&gt; fssn     typeAddress "1" --&gt; external     typeAddress "1" --&gt; opta     typeAddress "1" --&gt; cell   </pre> <p>The diagram shows a class named 'typeAddress' with seven associations pointing to classes 'subscriber', 'alias', 'msisdn', 'fssn', 'external', 'opta', and 'cell'. All associations have multiplicity '1' at the 'typeAddress' end and '+' at the child class ends. A note 'Fleet specific short number' points to the 'fssn' association.</p>
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	<pre> &lt;xs:complexType name="typeAddress"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="subscriber" type="ct:typeSubscriberAddress" minOccurs="0"/&gt;     &lt;xs:element name="alias" type="xs:normalizedString" minOccurs="0"/&gt;     &lt;xs:element name="msisdn" type="ct:typeDialString" minOccurs="0"/&gt;     &lt;xs:element name="fssn" type="xs:unsignedLong" minOccurs="0"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Fleet specific short number&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:element&gt;     &lt;xs:element name="external" type="ct:typeExternal" minOccurs="0"/&gt;     &lt;xs:element name="opta" type="ct:typeOPTA" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

```

<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	<pre> &lt;xs:complexType name="typeResponse"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Response contains result of execution of any method.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="requestId" type="xs:unsignedLong" /&gt;     &lt;xs:element name="result" type="ct:typeResult" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## 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	<pre> &lt;xs:complexType name="typeEvent"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="requestId" type="xs:unsignedLong" minOccurs="0" /&gt;     &lt;xs:element name="result" type="ct:typeResult" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## Complex Type ct:typeEmpty

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

## 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	<pre>&lt;xs:simpleType name="typeOPTA"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;OPTA string. Maximum length is 24 characters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:maxLength value="24" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### 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	<pre>&lt;xs:simpleType name="typeResponseCode"&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:enumeration value="success" /&gt;     &lt;xs:enumeration value="final_response_pending" /&gt;     &lt;xs:enumeration value="error" /&gt;     &lt;xs:enumeration value="not_authorized_error" /&gt;     &lt;xs:enumeration value="temporary_failure" /&gt;     &lt;xs:enumeration value="subscription_failed" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### Simple Type ct:typeSourceSystem

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

```

<xs:restriction base="xs:normalizedString">
  <xs:enumeration value="DR-GW"/>
  <xs:enumeration value="TCS-API"/>
  <xs:enumeration value="TETRA"/>
</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	<pre> classDiagram     typeDialString "1" -- "0..1" xs:normalizedString     typeDialString "1" -- "0..1" "Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters."     xs:normalizedString "1" -- "0..1" "Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of..."   </pre>
Type	restriction of xs:normalizedString
Facets	maxLength 24
Used by	Elements ct:typeAddress/ct:msisdn, ct:typeExternal/ct:number
Source	<pre> &lt;xs:simpleType name="typeDialString"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Allowed characters are digits 0 - 9, *, #, A, B, C and D. Maximum length is 24 characters.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:maxLength value="24"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>

### Simple Type ct:typeAddressingStyle

Namespace	DR-GW-Interface/CommonTypes				
Annotations	Describes the IP addressing style. Unicast or multicast.				
Diagram	<pre> classDiagram     typeAddressingStyle "1" -- "0..1" xs:normalizedString     typeAddressingStyle "1" -- "0..1" "Describes the IP addressing style. Unicast or multicast."     xs:normalizedString "1" -- "0..1" "Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of..."   </pre>				
Type	restriction of xs:normalizedString				
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ucast</td> </tr> <tr> <td>enumeration</td> <td>mcast</td> </tr> </table>	enumeration	ucast	enumeration	mcast
enumeration	ucast				
enumeration	mcast				
Source	<pre> &lt;xs:simpleType name="typeAddressingStyle"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Describes the IP addressing style. Unicast or multicast.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:enumeration value="ucast"/&gt;     &lt;xs:enumeration value="mcast"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>				

## 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 1.1.1				
Properties	<table border="1"> <tr> <td>attribute form default:</td> <td>unqualified</td> </tr> <tr> <td>element form default:</td> <td>qualified</td> </tr> </table>	attribute form default:	unqualified	element form default:	qualified
attribute form default:	unqualified				
element form default:	qualified				

## Element(s)

### Element typeRadio / issi

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	<pre> classDiagram     class ct:typeSubscriberAddress {         attribute issi         attribute ssi         attribute tsi     }     ct:typeSubscriberAddress &lt; -- issi     ct:typeSubscriberAddress &lt; -- ssi     ct:typeSubscriberAddress &lt; -- tsi   </pre>
Type	ct:typeSubscriberAddress
Properties	content: complex
Model	ct:ssi   ct:tsi
Children	ct:ssi, ct:tsi
Instance	<pre> &lt;issi xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt;   &lt;ct:tsi&gt;{1,1}&lt;/ct:tsi&gt; &lt;/issi&gt;   </pre>
Source	<xss:element name="issi" type="ct:typeSubscriberAddress"/>

### Element typeRadio / alias

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	<pre> classDiagram     class xs:normalizedString {         attribute alias     }     xs:normalizedString &lt; -- alias   </pre>
Type	xs:normalizedString
Properties	content: simple
Source	<xss:element name="alias" type="xs:normalizedString"/>

### Element typeRadio / orgblockId

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	<pre> classDiagram     class ctO:typeOrganisationBlockId {         attribute orgblockId         attribute orgblockIdSimple     }     ctO:typeOrganisationBlockId &lt; -- orgblockId     ctO:typeOrganisationBlockId &lt; -- orgblockIdSimple   </pre>
Type	typeOrganisationBlockId
Properties	content: complex
Model	orgblockId   orgblockIdSimple
Children	orgblockId, orgblockIdSimple
Instance	<pre> &lt;orgblockId xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ctO="DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes"&gt;   &lt;ctO:orgblockId&gt;{1,1}&lt;/ctO:orgblockId&gt;   &lt;ctO:orgblockIdSimple&gt;{1,1}&lt;/ctO:orgblockIdSimple&gt; &lt;/orgblockId&gt;   </pre>
Source	<xss:element name="orgblockId" type="ctO:typeOrganisationBlockId"/>

### Element typeRadio / opta

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

Diagram	
Type	typeLastKnownOPTA
Properties	<p>content: complex</p> <p>minOccurs: 0</p>
Model	tstamp , opta
Children	opta, tstamp
Instance	<pre>&lt;opta xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes"&gt;   &lt;tstamp&gt;{1,1}&lt;/tstamp&gt;   &lt;opta&gt;{1,1}&lt;/opta&gt; &lt;/opta&gt;</pre>
Source	<code>&lt;xss:element name="opta" type="typeLastKnownOPTA" minOccurs="0" /&gt;</code>

### Element typeLastKnownOPTA / tstamp

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
	Built-in primitive type. The dateTime datatype represents a specific instant of time.
Type	xs:dateTime
Properties	content: simple
Source	<code>&lt;xss:element name="tstamp" type="xs:dateTime" /&gt;</code>

### Element typeLastKnownOPTA / opta

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	
	OPTA string. Maximum length is 24 characters.
Type	ct:typeOPTA
Properties	content: simple
Facets	maxLength 24
Source	<code>&lt;xss:element name="opta" type="ct:typeOPTA" /&gt;</code>

### 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	<pre>&lt;group xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt;   &lt;ct:tsi&gt;{1,1}&lt;/ct:tsi&gt; &lt;/group&gt;</pre>
Source	<pre>&lt;xss:element name="group" type="ct:typeSubscriberAddress" /&gt;</pre>

**Element typeRadioGroupSelection / level**

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes												
Diagram	<pre>level ⊚-- typeGroupSelectionLevel Covers tcsScanningPriority_t of the TCS-API.</pre>												
Type	typeGroupSelectionLevel												
Properties	content: simple												
Facets	<table border="1"> <tr><td>enumeration</td><td>notScanned</td></tr> <tr><td>enumeration</td><td>low</td></tr> <tr><td>enumeration</td><td>normal</td></tr> <tr><td>enumeration</td><td>selected</td></tr> <tr><td>enumeration</td><td>high</td></tr> <tr><td>enumeration</td><td>background</td></tr> </table>	enumeration	notScanned	enumeration	low	enumeration	normal	enumeration	selected	enumeration	high	enumeration	background
enumeration	notScanned												
enumeration	low												
enumeration	normal												
enumeration	selected												
enumeration	high												
enumeration	background												
Source	<pre>&lt;xss:element name="level" type="typeGroupSelectionLevel" /&gt;</pre>												

**Element typeRadioTrackingData / radio**

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

**Element typeRadioTrackingData / registered**

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	<pre>registered ⊚-- xs:boolean Built-in primitive type. It defines the boolean values true and false.</pre>
Type	xs:boolean
Properties	content: simple
Source	<pre>&lt;xss:element name="registered" type="xs:boolean" /&gt;</pre>

**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

**Element typeRadioTrackingData / scanningOn**

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

**Element typeRadioTrackingData / status**

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

Properties	content:	complex
Model	value , time	
Children	time, value	
Instance	<pre>&lt;status xmlns="DR-GW-Interface/DR-GW-Radio.CommonTypes"&gt;   &lt;value&gt;{1,1}&lt;/value&gt;   &lt;time&gt;{1,1}&lt;/time&gt; &lt;/status&gt;</pre>	
Source	<pre>&lt;xss:element name="status" type="typeStatusIndicator" /&gt;</pre>	

**Element typeStatusIndicator / value**

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	<p>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of...</p>
Type	xs:unsignedLong
Properties	content: simple
Source	<pre>&lt;xss:element name="value" type="xs:unsignedLong" /&gt;</pre>

**Element typeStatusIndicator / time**

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	<p>Built-in primitive type. The dateTime datatype represents a specific instant of time.</p>
Type	xs:dateTime
Properties	content: simple
Source	<pre>&lt;xss:element name="time" type="xs:dateTime" /&gt;</pre>

**Element typeRadioTrackingData / callType**

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes						
Diagram							
Type	typeCallType						
Properties	content: simple						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>unknown</td> </tr> <tr> <td>enumeration</td> <td>no</td> </tr> <tr> <td>enumeration</td> <td>individual</td> </tr> </table>	enumeration	unknown	enumeration	no	enumeration	individual
enumeration	unknown						
enumeration	no						
enumeration	individual						
Source	<pre>&lt;xss:element name="callType" type="typeCallType" /&gt;</pre>						

**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	xs:boolean
Properties	content: simple
Source	<xs:element name="dmoState" type="xs:boolean" />

### 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 , orgblockId , opta {0,1}
Children	alias, issi, opta, orgblockId
Source	<pre> &lt;xs:complexType name="typeRadio"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="issi" type="ct:typeSubscriberAddress"/&gt;     &lt;xs:element name="alias" type="xs:normalizedString"/&gt;     &lt;xs:element name="orgblockId" type="cto:typeOrganisationBlockId"/&gt;     &lt;xs:element name="opta" type="typeLastKnownOPTA" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## Complex Type typeLastKnownOPTA

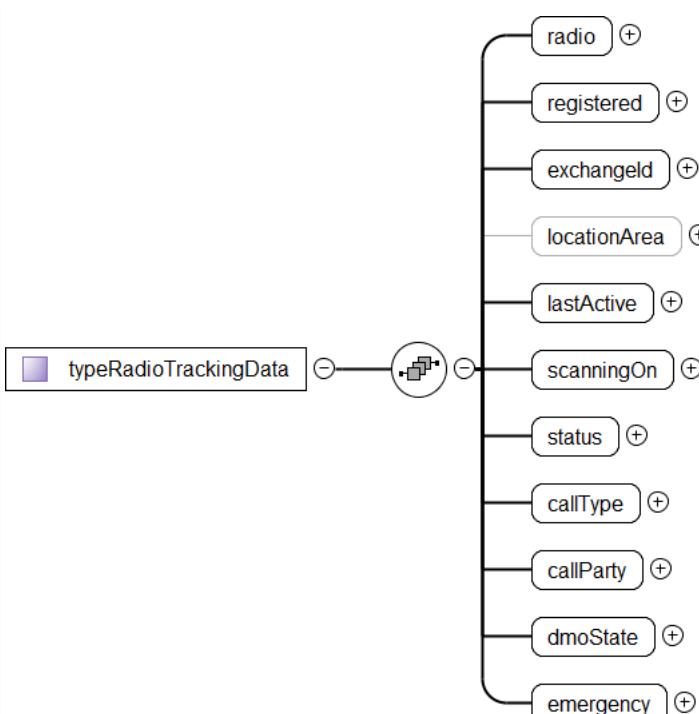
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Diagram	<pre> classDiagram     class typeLastKnownOPTA     class tstamp     class opta      typeLastKnownOPTA "1" -- "1" tstamp     typeLastKnownOPTA "1" -- "1" opta   </pre>
Used by	Element typeRadio/opta
Model	tstamp , opta
Children	opta, tstamp
Source	<pre> &lt;xs:complexType name="typeLastKnownOPTA"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="tstamp" type="xs:dateTime"/&gt;     &lt;xs:element name="opta" type="ct:typeOPTA"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

## Complex Type typeRadioGroupSelection

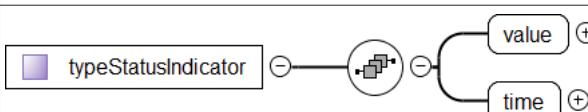
Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes
Annotations	
Diagram	<pre> classDiagram     class typeRadioGroupSelection     class group     class level      typeRadioGroupSelection "1" -- "1" group     typeRadioGroupSelection "1" -- "1" level   </pre>
Model	group , level
Children	group, level
Source	<pre> &lt;xs:complexType name="typeRadioGroupSelection"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="group" type="ct:typeSubscriberAddress"/&gt;     &lt;xs:element name="level" type="typeGroupSelectionLevel"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;   </pre>

## 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	<pre> &lt;xs:complexType name="typeRadioTrackingData"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="radio" type="ct:typeSubscriberAddress"/&gt;     &lt;xs:element name="registered" type="xs:boolean"/&gt;     &lt;xs:element name="exchangeId" type="xs:unsignedLong"/&gt;     &lt;xs:element name="locationArea" type="xs:unsignedShort" minOccurs="0"/&gt;     &lt;xs:element name="lastActive" type="xs:dateTime"/&gt;     &lt;xs:element name="scanningOn" type="xs:boolean"/&gt;     &lt;xs:element name="status" type="typeStatusIndicator"/&gt;     &lt;xs:element name="callType" type="typeCallType"/&gt;     &lt;xs:element name="callParty" type="ct:typeSubscriberAddress"/&gt;     &lt;xs:element name="dmoState" type="xs:boolean"/&gt;     &lt;xs:element name="emergency" type="xs:boolean"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### 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	<pre> &lt;xs:complexType name="typeStatusIndicator"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="value" type="xs:unsignedLong"/&gt;     &lt;xs:element name="time" type="xs:dateTime"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## Simple Type(s)

### Simple Type typeGroupSelectionLevel

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes												
Annotations	Covers tcsScanningPriority_t of the TCS-API.												
Diagram	<p>The diagram shows a UML class named "typeGroupSelectionLevel" with a hollow diamond symbol indicating it is derived from another class. This diamond is connected by a line to a second class named "xs:normalizedString". A callout box points to the "xs:normalizedString" class with the text: "Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of..."</p>												
Type	restriction of xs:normalizedString												
Facets	<table> <tr> <td>enumeration</td> <td>notScanned</td> </tr> <tr> <td>enumeration</td> <td>low</td> </tr> <tr> <td>enumeration</td> <td>normal</td> </tr> <tr> <td>enumeration</td> <td>selected</td> </tr> <tr> <td>enumeration</td> <td>high</td> </tr> <tr> <td>enumeration</td> <td>background</td> </tr> </table>	enumeration	notScanned	enumeration	low	enumeration	normal	enumeration	selected	enumeration	high	enumeration	background
enumeration	notScanned												
enumeration	low												
enumeration	normal												
enumeration	selected												
enumeration	high												
enumeration	background												
Used by	Element typeRadioGroupSelection/level												
Source	<pre>&lt;xs:simpleType name="typeGroupSelectionLevel"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Covers tcsScanningPriority_t of the TCS-API.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:enumeration value="notScanned"/&gt;     &lt;xs:enumeration value="low"/&gt;     &lt;xs:enumeration value="normal"/&gt;     &lt;xs:enumeration value="selected"/&gt;     &lt;xs:enumeration value="high"/&gt;     &lt;xs:enumeration value="background"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>												

### Simple Type typeCallType

Namespace	DR-GW-Interface/DR-GW-Radio.CommonTypes						
Annotations							
Diagram	<p>The diagram shows a UML class named "typeCallType" with a hollow diamond symbol indicating it is derived from another class. This diamond is connected by a line to a second class named "xs:normalizedString". A callout box points to the "xs:normalizedString" class with the text: "Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of..."</p>						
Type	restriction of xs:normalizedString						
Facets	<table> <tr> <td>enumeration</td> <td>unknown</td> </tr> <tr> <td>enumeration</td> <td>no</td> </tr> <tr> <td>enumeration</td> <td>individual</td> </tr> </table>	enumeration	unknown	enumeration	no	enumeration	individual
enumeration	unknown						
enumeration	no						
enumeration	individual						
Used by	Element typeRadioTrackingData/callType						
Source	<pre>&lt;xs:simpleType name="typeCallType"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation/&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:enumeration value="unknown"/&gt;     &lt;xs:enumeration value="no"/&gt;     &lt;xs:enumeration value="individual"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>						