

Schema documentation for DR-GW-SDS.Events.xsd

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Namespace: "DR-GW-Interface/DR-GW-SDS.Events"

Schema(s)

Main schema DR-GW-SDS.Events.xsd

Namespace	DR-GW-Interface/DR-GW-SDS.Events
Annotations	Version 1.2
Properties	<div>attribute form default: unqualified</div> <div>element form default: qualified</div>

Element(s)

Element SDS_Response

Namespace	DR-GW-Interface/DR-GW-SDS.Events
Annotations	
Diagram	
Type	ct:typeResponse
Properties	content: complex
Model	ct:requestId, ct:result
Children	ct:requestId, ct:result
Instance	<pre><SDS_Response xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{1,1}</ct:requestId> <ct:result>{1,1}</ct:result> </SDS_Response></pre>
Source	<pre><xs:element name="SDS_Response" type="ct:typeResponse"> <xs:annotation></pre>

```
<xs:documentation/>
</xs:annotation>
</xs:element>
```

Element SDS_SendEvent

Namespace	DR-GW-Interface/DR-GW-SDS.Events
Annotations	An message reference is returned in the response for later message identification in case delivery and/or consume requests were asked. Is only valid for SDS-TL.
Diagram	
Type	extension of ct:typeEvent
Type hierarchy	<ul style="list-style-type: none"> ct:typeEvent
Properties	content: complex
Model	ct:requestId{0,1} , ct:result{0,1} , msgRef{0,1} , sds
Children	ct:requestId, ct:result, msgRef, sds
Instance	<pre><SDS_SendEvent xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{0,1}</ct:requestId> <ct:result>{0,1}</ct:result> <msgRef>{0,1}</msgRef> <sds>{1,1}</sds> </SDS_SendEvent></pre>
Source	<pre><xs:element name="SDS_SendEvent"> <xs:annotation> <xs:documentation>An message reference is returned in the response for later message identification in case delivery and/or consume requests were asked. Is only valid for SDS-TL.</ xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="ct:typeEvent"> <xs:sequence> <xs:element name="msgRef" type="xs:unsignedByte" minOccurs="0" default="0"/> <xs:element name="sds" type="ctS:typeSDS"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

Element SDS_SendEvent / msgRef

Namespace	DR-GW-Interface/DR-GW-SDS.Events
Diagram	
Type	xs:unsignedByte

Properties	content:	simple
	minOccurs:	0
	default:	0
Source	<xs:element name="msgRef" type="xs:unsignedByte" minOccurs="0" default="0" />	

Element SDS_sendEvent / sds

Namespace	DR-GW-Interface/DR-GW-SDS.Events	
Diagram		
Type	typeSDS	
Properties	content:	complex
Model	protocol{0,1} , sdsType , msgRef{0,1} , report{0,1} , sdsdata , source{0,1} , target , forward{0,1} , validity{0,1} , tstamp{0,1} , encryption{0,1} , e2eegroup{0,1} , shortFormReportAllowed{0,1}	
Children	e2eegroup, encryption, forward, msgRef, protocol, report, sdsType, sdsdata, shortFormReportAllowed, source, target, tstamp, validity	
Instance	<pre><sds xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ctS="DR-GW-Interface/DR-GW-SDS.CommonTypes"> <ctS:protocol>{0,1}</ctS:protocol> <ctS:sdsType>{1,1}</ctS:sdsType> <ctS:msgRef>{0,1}</ctS:msgRef> <ctS:report>{0,1}</ctS:report> <ctS:sdsdata>{1,1}</ctS:sdsdata> <ctS:source>{0,1}</ctS:source> <ctS:target>{1,1}</ctS:target> <ctS:forward>{0,1}</ctS:forward> <ctS:validity>{0,1}</ctS:validity> <ctS:tstamp>{0,1}</ctS:tstamp> <ctS:encryption>{0,1}</ctS:encryption> <ctS:e2eegroup>{0,1}</ctS:e2eegroup> <ctS:shortFormReportAllowed>{0,1}</ctS:shortFormReportAllowed> </sds></pre>	
Source	<xs:element name="sds" type="ctS:typeSDS" />	

Element SDS_ReceiveEvent

Namespace	DR-GW-Interface/DR-GW-SDS.Events
Annotations	ReceiveEvent is fired upon received SDS.
Diagram	
Type	extension of ct:typeEvent
Type hierarchy	<ul style="list-style-type: none"> ct:typeEvent
Properties	content: complex
Model	ct:requestId{0,1} , ct:result{0,1} , sds
Children	ct:requestId, ct:result, sds
Instance	<pre><SDS_ReceiveEvent xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{0,1}</ct:requestId> <ct:result>{0,1}</ct:result> <sds>{1,1}</sds> </SDS_ReceiveEvent></pre>
Source	<pre><xs:element name="SDS_ReceiveEvent"> <xs:annotation> <xs:documentation>ReceiveEvent is fired upon received SDS.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="ct:typeEvent"> <xs:sequence> <xs:element name="sds" type="ctS:typeSDS"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

Element SDS_ReceiveEvent / sds

Namespace	DR-GW-Interface/DR-GW-SDS.Events
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Diagram	
Type	typeSDS
Properties	content: complex
Model	protocol{0,1} , sdsType , msgRef{0,1} , report{0,1} , sdsdata , source {0,1} , target , forward{0,1} , validity{0,1} , tstamp{0,1} , encryption{0,1} , e2eegroup{0,1} , shortFormReportAllowed{0,1}
Children	e2eegroup, encryption, forward, msgRef, protocol, report, sdsType, sdsdata, shortFormReportAllowed, source, target, tstamp, validity
Instance	<pre><sds xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ctS="DR-GW-Interface/DR-GW-SDS.CommonTypes"> <ctS:protocol>{0,1}</ctS:protocol> <ctS:sdsType>{1,1}</ctS:sdsType> <ctS:msgRef>{0,1}</ctS:msgRef> <ctS:report>{0,1}</ctS:report> <ctS:sdsdata>{1,1}</ctS:sdsdata> <ctS:source>{0,1}</ctS:source> <ctS:target>{1,1}</ctS:target> <ctS:forward>{0,1}</ctS:forward> <ctS:validity>{0,1}</ctS:validity> <ctS:tstamp>{0,1}</ctS:tstamp> <ctS:encryption>{0,1}</ctS:encryption> <ctS:e2eegroup>{0,1}</ctS:e2eegroup> <ctS:shortFormReportAllowed>{0,1}</ctS:shortFormReportAllowed> </sds></pre>
Source	<pre><xs:element name="sds" type="ctS:typeSDS" /></pre>

Element SDS_ReportEvent

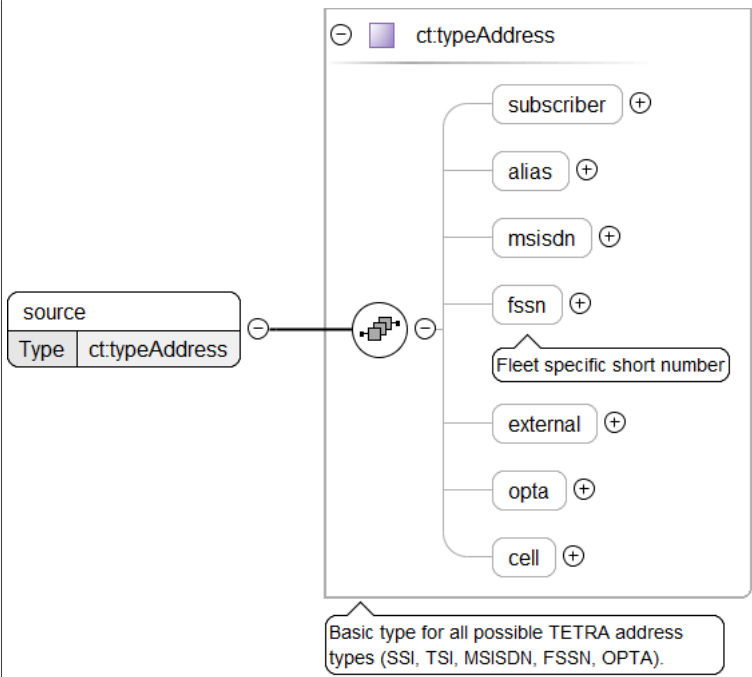
Namespace	DR-GW-Interface/DR-GW-SDS.Events
Annotations	ReportEvent is fired whenever the delivery or consume report is received.

Diagram	<p>The diagram illustrates the extension of the <code>ct.typeEvent</code> base type into the <code>SDS_ReportEvent</code> type. <code>SDS_ReportEvent</code> is shown as an extension base with a choice of <code>requestId</code> and <code>result</code>. It also includes five required attributes: <code>source</code> (type <code>ct:typeAddress</code>), <code>target</code> (type <code>ct:typeAddress</code>), <code>msgRef</code> (type <code>xs:unsignedByte</code>), <code>deliveryStatus</code> (type <code>xs:unsignedByte</code>), and <code>tstamp</code> (type <code>xs:dateTime</code>). A note indicates that <code>ReportEvent</code> is fired whenever the delivery or consume report is received.</p>
Type	extension of <code>ct.typeEvent</code>
Type hierarchy	<ul style="list-style-type: none"> <code>ct.typeEvent</code>
Properties	content: complex
Model	<code>ct:requestId{0,1}</code> , <code>ct:result{0,1}</code> , <code>source</code> , <code>target</code> , <code>msgRef</code> , <code>deliveryStatus</code> , <code>tstamp</code>
Children	<code>ct:requestId</code> , <code>ct:result</code> , <code>deliveryStatus</code> , <code>msgRef</code> , <code>source</code> , <code>target</code> , <code>tstamp</code>
Instance	<pre><SDS_ReportEvent xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:requestId>{0,1}</ct:requestId> <ct:result>{0,1}</ct:result> <source>{1,1}</source> <target>{1,1}</target> <msgRef>{1,1}</msgRef> <deliveryStatus>{1,1}</deliveryStatus> <tstamp>{1,1}</tstamp> </SDS_ReportEvent></pre>
Source	<pre><xs:element name="SDS_ReportEvent"> <xs:annotation> <xs:documentation>ReportEvent is fired whenever the delivery or consume report is received.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="ct:typeEvent"> <xs:sequence> <xs:element name="source" type="ct:typeAddress"/> <xs:element name="target" type="ct:typeAddress"/> <xs:element name="msgRef" type="xs:unsignedByte"/> <xs:element name="deliveryStatus" type="xs:unsignedByte"/> <xs:element name="tstamp" type="xs:dateTime"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

Element `SDS_ReportEvent` / `source`

Namespace	DR-GW-Interface/DR-GW-SDS.Events
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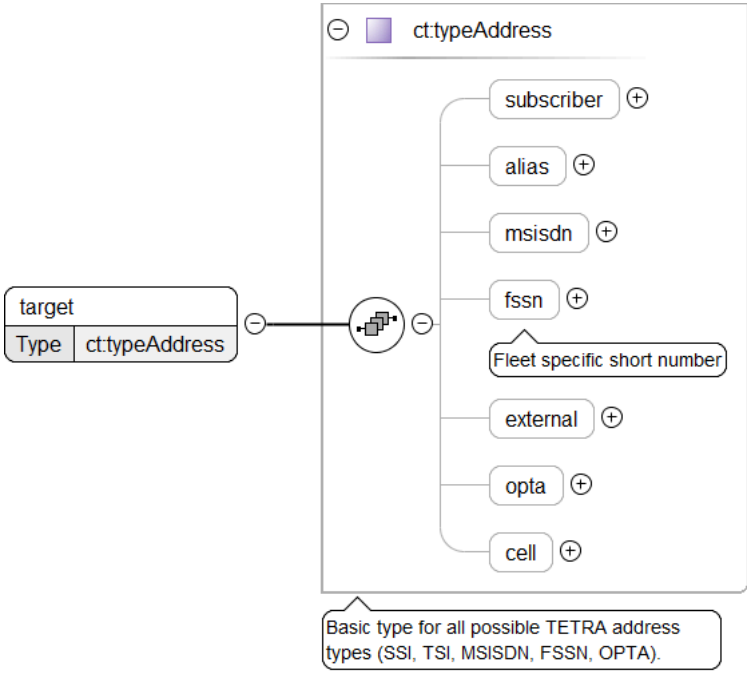
Diagram



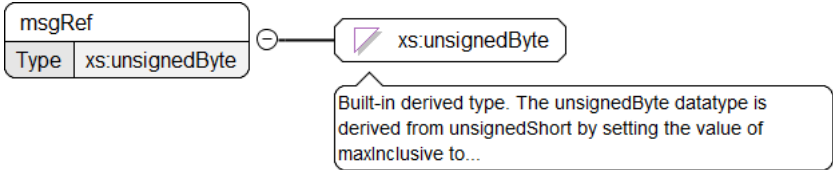
Type	ct:typeAddress
Properties	content: complex
Model	ct:subscriber{0,1} , ct:alias{0,1} , ct:msisdn{0,1} , ct:fssn{0,1} , ct:external{0,1} , ct:opta{0,1} , ct:cell{0,1}
Children	ct:alias, ct:cell, ct:external, ct:fssn, ct:msisdn, ct:opta, ct:subscriber
Instance	<pre><source xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:subscriber>{0,1}</ct:subscriber> <ct:alias>{0,1}</ct:alias> <ct:msisdn>{0,1}</ct:msisdn> <ct:fssn>{0,1}</ct:fssn> <ct:external>{0,1}</ct:external> <ct:opta>{0,1}</ct:opta> <ct:cell>{0,1}</ct:cell> </source></pre>
Source	<pre><xs:element name="source" type="ct:typeAddress"/></pre>

Element SDS_ReportEvent / target

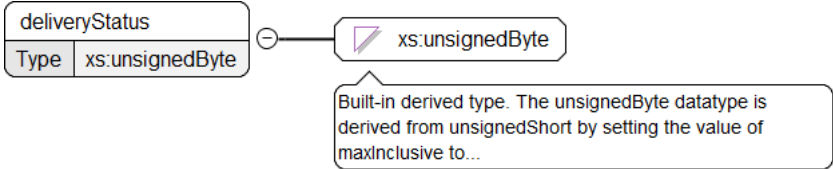
Namespace	DR-GW-Interface/DR-GW-SDS.Events
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Diagram	
Type	ct:typeAddress
Properties	content: complex
Model	ct:subscriber{0,1} , ct:alias{0,1} , ct:msisdn{0,1} , ct:fssn{0,1} , ct:external{0,1} , ct:opta{0,1} , ct:cell{0,1}
Children	ct:alias, ct:cell, ct:external, ct:fssn, ct:msisdn, ct:opta, ct:subscriber
Instance	<pre><target xmlns="DR-GW-Interface/DR-GW-SDS.Events" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:subscriber>{0,1}</ct:subscriber> <ct:alias>{0,1}</ct:alias> <ct:msisdn>{0,1}</ct:msisdn> <ct:fssn>{0,1}</ct:fssn> <ct:external>{0,1}</ct:external> <ct:opta>{0,1}</ct:opta> <ct:cell>{0,1}</ct:cell> </target></pre>
Source	<pre><xs:element name="target" type="ct:typeAddress"/></pre>

Element SDS_ReportEvent / msgRef

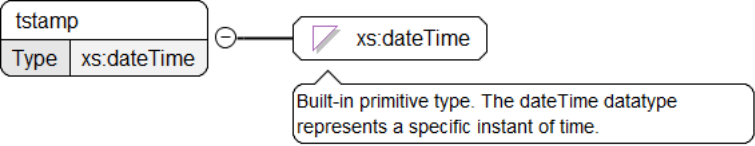
Namespace	DR-GW-Interface/DR-GW-SDS.Events
Diagram	
Type	xs:unsignedByte
Properties	content: simple
Source	<pre><xs:element name="msgRef" type="xs:unsignedByte"/></pre>

Element SDS_ReportEvent / deliveryStatus

Namespace	DR-GW-Interface/DR-GW-SDS.Events
Diagram	

Type	xs:unsignedByte
Properties	content: simple
Source	<code><xs:element name="deliveryStatus" type="xs:unsignedByte"/></code>

Element SDS_ReportEvent / tstamp

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

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

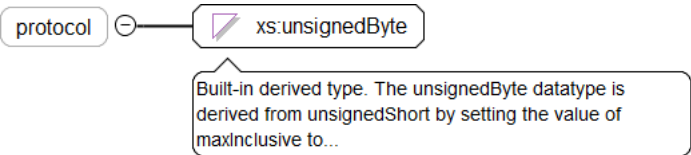
Schema(s)

Imported schema DR-GW-SDS.CommonTypes.xsd


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

Element(s)

Element typeSDS / protocol

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Diagram	
Type	xs:unsignedByte
Properties	content: simple minOccurs: 0
Source	<code><xs:element name="protocol" type="xs:unsignedByte" minOccurs="0"/></code>

Element typeSDS / sdsType


Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Diagram	
Type	typeSDSType
Properties	content: simple
Facets	enumeration 0 SDS1. enumeration 1 SDS2.

	enumeration	2	SDS3.
	enumeration	3	SDS4.
	enumeration	4	SDS-TL.
	enumeration	5	Status.
Source	<xs:element name="sdsType" type="typeSDSType"/>		

Element typeSDS / msgRef

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

Element typeSDS / report

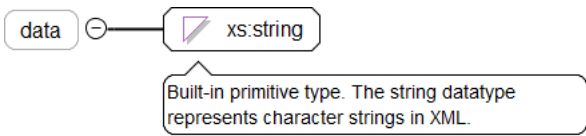
Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes		
Diagram			
Type	typeReport		
Properties	content:	simple	
	minOccurs:	0	
	default:	none	
Facets	enumeration	none	
	enumeration	delivery	
	enumeration	consume	
	enumeration	both	
Source	<xs:element name="report" type="typeReport" default="none" minOccurs="0"/>		

Element typeSDS / sdsdata

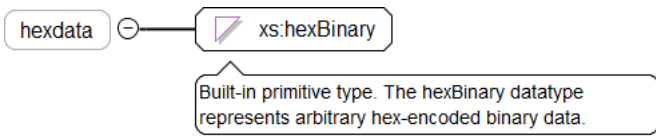
Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes		
Diagram			
Type	typeSDSData		
Properties	content:	complex	

Model	data{0,1} , hexdata{0,1} , hexdatalength{0,1}
Children	data, hexdata, hexdatalength
Instance	<pre><sdsdata xmlns="DR-GW-Interface/DR-GW-SDS.CommonTypes"> <data>{0,1}</data> <hexdata>{0,1}</hexdata> <hexdatalength>{0,1}</hexdatalength> </sdsdata></pre>
Source	<pre><xs:element name="sdsdata" type="typeSDSData"/></pre>

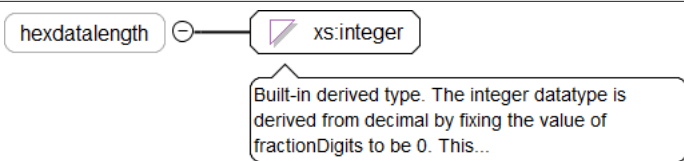
Element typeSDSData / data

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes				
Diagram					
Type	xs:string				
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	<pre><xs:element name="data" type="xs:string" minOccurs="0"/></pre>				

Element typeSDSData / hexdata

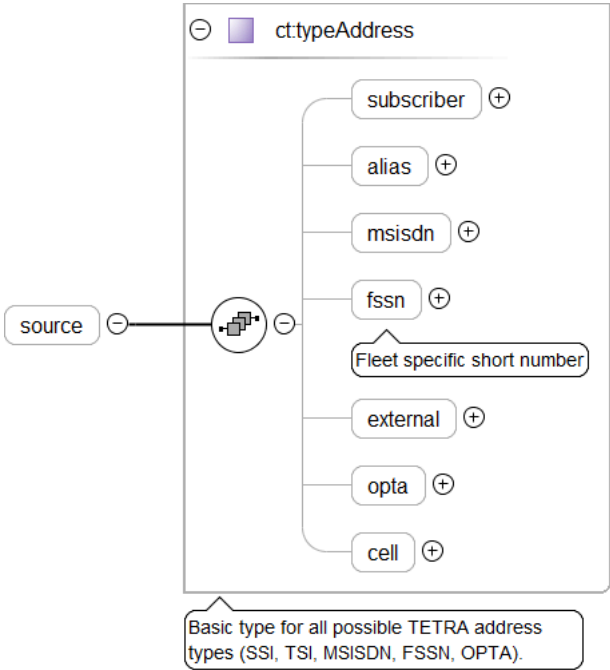
Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes				
Diagram					
Type	xs:hexBinary				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre><xs:element name="hexdata" type="xs:hexBinary" minOccurs="0"/></pre>				

Element typeSDSData / hexdatalength

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes				
Diagram					
Type	xs:integer				
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	<pre><xs:element name="hexdatalength" type="xs:integer" minOccurs="0"/></pre>				

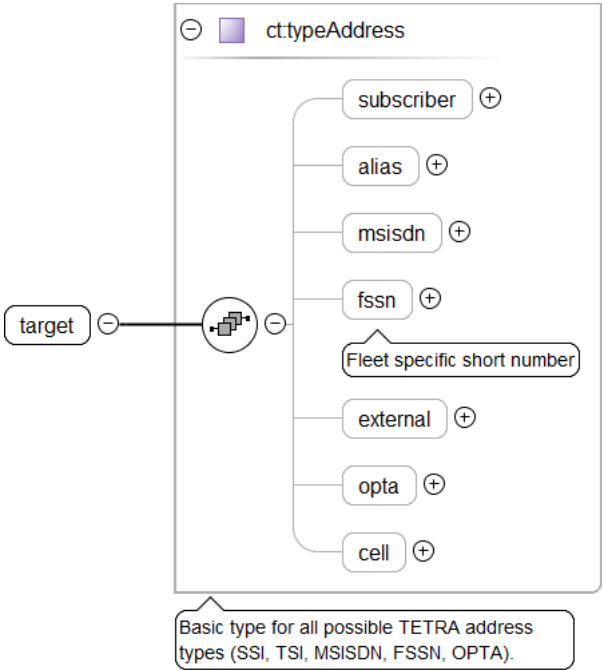
Element typeSDS / source

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
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Diagram					
Type	ct:typeAddress				
Properties	<table><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: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				
Instance	<pre><source xmlns="DR-GW-Interface/DR-GW-SDS.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:subscriber>{0,1}</ct:subscriber> <ct:alias>{0,1}</ct:alias> <ct:msisdn>{0,1}</ct:msisdn> <ct:fssn>{0,1}</ct:fssn> <ct:external>{0,1}</ct:external> <ct:opta>{0,1}</ct:opta> <ct:cell>{0,1}</ct:cell> </source></pre>				
Source	<pre><xs:element name="source" type="ct:typeAddress" minOccurs="0" /></pre>				

Element typeSDS / target

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
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Diagram	
Type	ct:typeAddress
Properties	content: complex
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
Instance	<pre><target xmlns="DR-GW-Interface/DR-GW-SDS.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:subscriber>{0,1}</ct:subscriber> <ct:alias>{0,1}</ct:alias> <ct:msisdn>{0,1}</ct:msisdn> <ct:fssn>{0,1}</ct:fssn> <ct:external>{0,1}</ct:external> <ct:opta>{0,1}</ct:opta> <ct:cell>{0,1}</ct:cell> </target></pre>
Source	<pre><xs:element name="target" type="ct:typeAddress"/></pre>

Element typesDS / forward

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
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Diagram	<p>Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).</p>
Type	ct:typeAddress
Properties	content: complex minOccurs: 0
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
Instance	<pre><forward xmlns="DR-GW-Interface/DR-GW-SDS.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:subscriber>{0,1}</ct:subscriber> <ct:alias>{0,1}</ct:alias> <ct:msisdn>{0,1}</ct:msisdn> <ct:fssn>{0,1}</ct:fssn> <ct:external>{0,1}</ct:external> <ct:opta>{0,1}</ct:opta> <ct:cell>{0,1}</ct:cell> </forward></pre>
Source	<pre><xs:element name="forward" type="ct:typeAddress" minOccurs="0"/></pre>

Element typesDS / validity

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Diagram	<p>Validity of the SDS in case store and forward center is used. The unit is seconds. Infinte validity is represented by...</p>
Type	typeSDSValidity
Properties	content: complex minOccurs: 0
Model	value
Children	value
Instance	<pre><validity xmlns="DR-GW-Interface/DR-GW-SDS.CommonTypes"> <value>{1,1}</value> </validity></pre>
Source	<pre><xs:element name="validity" type="typeSDSValidity" minOccurs="0"/></pre>

Element typeSDSValidity / value

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

Element typeSDS / tstamp

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Diagram	
Type	xs:dateTime
Properties	content: simple minOccurs: 0
Source	<code><xs:element name="tstamp" type="xs:dateTime" minOccurs="0" /></code>

Element typeSDS / encryption

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Diagram	
Type	xs:boolean
Properties	content: simple minOccurs: 0 default: true
Source	<code><xs:element name="encryption" type="xs:boolean" default="true" minOccurs="0" /></code>

Element typeSDS / e2eegroup

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex minOccurs: 0
Model	ct:ssi ct:tsi
Children	ct:ssi, ct:tsi
Instance	<code><e2eegroup xmlns="DR-GW-Interface/DR-GW-SDS.CommonTypes" xmlns:ct="DR-GW-Interface/CommonTypes"></code>

	<pre><ct:ssi>{1,1}</ct:ssi> <ct:tsi>{1,1}</ct:tsi> </e2eegroup></pre>
Source	<pre><xs:element name="e2eegroup" type="ct:typeSubscriberAddress" minOccurs="0"/></pre>

Element typeSDS / shortFormReportAllowed

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes						
Diagram							
Type	xs:boolean						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>default:</td><td>false</td></tr> </table>	content:	simple	minOccurs:	0	default:	false
content:	simple						
minOccurs:	0						
default:	false						
Source	<pre><xs:element name="shortFormReportAllowed" type="xs:boolean" default="false" minOccurs="0"/></pre>						

Complex Type(s)

Complex Type typeSDS

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Annotations	
Diagram	
Used by	Elements SDS_ReceiveEvent/sds, SDS_SendEvent/sds
Model	protocol{0,1} , sdsType , msgRef{0,1} , report{0,1} , sdsdata , source{0,1} , target , forward{0,1} , validity{0,1} , tstamp{0,1} , encryption{0,1} , e2eegroup{0,1} , shortFormReportAllowed{0,1}
Children	e2eegroup, encryption, forward, msgRef, protocol, report, sdsType, sdsdata, shortFormReportAllowed, source, target, tstamp, validity

Source	<pre> <xs:complexType name="typeSDS"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="protocol" type="xs:unsignedByte" minOccurs="0"/> <xs:element name="sdsType" type="typeSDSType"/> <xs:element name="msgRef" type="xs:unsignedByte" minOccurs="0"/> <xs:element name="report" type="typeReport" default="none" minOccurs="0"/> <xs:element name="sdsdata" type="typeSDSData"/> <xs:element name="source" type="ct:typeAddress" minOccurs="0"/> <xs:element name="target" type="ct:typeAddress"/> <xs:element name="forward" type="ct:typeAddress" minOccurs="0"/> <xs:element name="validity" type="typeSDSValidity" minOccurs="0"/> <xs:element name="tstamp" type="xs:dateTime" minOccurs="0"/> <xs:element name="encryption" type="xs:boolean" default="true" minOccurs="0"/> <xs:element name="e2eegroup" type="ct:typeSubscriberAddress" minOccurs="0"/> <xs:element name="shortFormReportAllowed" type="xs:boolean" default="false" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
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Complex Type typeSDSData

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Annotations	2 ways of encoding the SDS. When sent from DF-Client to DF-Gateway at least one node must be present, otherwise it will be discarded as not valid. When sent from DF-Gateway to DF-Client both nodes must be present, as it is unclear if the DF-Client supports the encoding inside raw "hexdata", so the readable decoded content must be present to. The default charset used within the "data" node is ISO-8859-15.
Diagram	
Used by	Element typeSDS/sdsdata
Model	data{0,1} , hexdata{0,1} , hexdatalength{0,1}
Children	data, hexdata, hexdatalength
Source	<pre> <xs:complexType name="typeSDSData"> <xs:annotation> <xs:documentation>2 ways of encoding the SDS. When sent from DF-Client to DF-Gateway at least one node must be present, otherwise it will be discarded as not valid. When sent from DF-Gateway to DF-Client both nodes must be present, as it is unclear if the DF-Client supports the encoding inside raw "hexdata", so the readable decoded content must be present to. The default charset used within the "data" node is ISO-8859-15.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="data" type="xs:string" minOccurs="0"/> <xs:element name="hexdata" type="xs:hexBinary" minOccurs="0"/> <xs:element name="hexdatalength" type="xs:integer" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

Complex Type typeSDSValidity

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes
Annotations	Validity of the SDS in case store and forward center is used. The unit is seconds. Infinte validity is represented by 0xFFFFFFFF
Diagram	

Used by	Element typeSDS/validity
Model	value
Children	value
Source	<pre><xs:complexType name="typeSDSValidity"> <xs:annotation> <xs:documentation>Validity of the SDS in case store and forward center is used. The unit is seconds. Infinte validity is represented by 0xFFFFFFFF</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="value" type="xs:unsignedLong" /> </xs:sequence> </xs:complexType></pre>

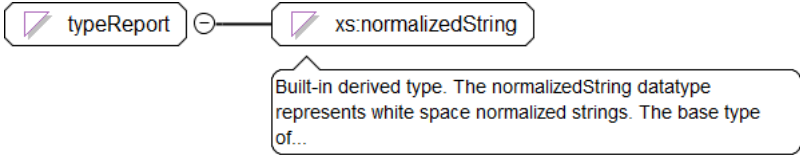
Simple Type(s)

Simple Type typeSDSType

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes		
Annotations			
Diagram	<div><div><div>✍ typeSDSType</div><div>⊖</div><div><div>✍ xs:byte</div><div><div>Built-in derived type. The byte datatype is derived from short by setting the value of maxInclusive to be 127 and...</div></div></div></div></div>		
Type	restriction of xs:byte		
Facets	enumeration	0	SDS1.
	enumeration	1	SDS2.
	enumeration	2	SDS3.
	enumeration	3	SDS4.
	enumeration	4	SDS-TL.
	enumeration	5	Status.
Used by	Element	typeSDS/sdsType	
Source	<pre><xs:simpleType name="typeSDSType"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:restriction base="xs:byte"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>SDS1.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>SDS2.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>SDS3.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>SDS4.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>SDS-TL.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Status.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre>		

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

Simple Type typeReport

Namespace	DR-GW-Interface/DR-GW-SDS.CommonTypes								
Annotations									
Diagram									
Type	restriction of xs:normalizedString								
Facets	<table> <tr> <td>enumeration</td><td>none</td></tr> <tr> <td>enumeration</td><td>delivery</td></tr> <tr> <td>enumeration</td><td>consume</td></tr> <tr> <td>enumeration</td><td>both</td></tr> </table>	enumeration	none	enumeration	delivery	enumeration	consume	enumeration	both
enumeration	none								
enumeration	delivery								
enumeration	consume								
enumeration	both								
Used by	Element typeSDS/report								
Source	<pre><xs:simpleType name="typeReport"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:restriction base="xs:normalizedString"> <xs:enumeration value="none"/> <xs:enumeration value="delivery"/> <xs:enumeration value="consume"/> <xs:enumeration value="both"/> </xs:restriction> </xs:simpleType></pre>								

Namespace: "DR-GW-Interface/CommonTypes"

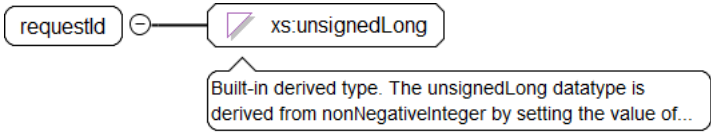
Schema(s)

Imported schema CommonTypes.xsd

Namespace	DR-GW-Interface/CommonTypes				
Annotations	Version 1.2				
Properties	<table> <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 ct:typeResponse / ct:requestId

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

Element ct:typeResponse / ct:result

Namespace	DR-GW-Interface/CommonTypes
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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	<pre><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></pre>
Source	<pre><xs:element name="result" type="ct:typeResult"/></pre>

Element ct:typeResult / ct:responseCode

Namespace	DR-GW-Interface/CommonTypes												
Diagram													
Type	ct:typeResponseCode												
Properties	content: simple												
Facets	<table> <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> <tr><td>enumeration</td><td>not_authorized_error</td></tr> <tr><td>enumeration</td><td>temporary_failure</td></tr> <tr><td>enumeration</td><td>subscription_failed</td></tr> </table>	enumeration	success	enumeration	final_response_pending	enumeration	error	enumeration	not_authorized_error	enumeration	temporary_failure	enumeration	subscription_failed
enumeration	success												
enumeration	final_response_pending												
enumeration	error												
enumeration	not_authorized_error												
enumeration	temporary_failure												
enumeration	subscription_failed												
Source	<pre><xs:element name="responseCode" type="ct:typeResponseCode"/></pre>												

Element ct:typeResult / ct:sourceSystem

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

Element ct:typeResult / ct:result

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

Element ct:typeEvent / ct:requestId

Namespace	DR-GW-Interface/CommonTypes				
Diagram					
Type	xs:unsignedLong				
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><xs:element name="requestId" type="xs:unsignedLong" minOccurs="0"/></code>				

Element ct:typeEvent / ct:result

Namespace	DR-GW-Interface/CommonTypes				
Diagram					
Type	ct:typeResult				
Properties	<table> <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><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></pre>				
Source	<code><xs:element name="result" type="ct:typeResult" minOccurs="0"/></code>				

Element ct:typeAddress / ct:subscriber

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

Element ct:typeSubscriberAddress / ct:ssi

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

Element ct:typeSubscriberAddress / ct:tsi

Namespace	DR-GW-Interface/CommonTypes		
Diagram			
Type	ct:typeTSI		
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> </table>	content:	complex
content:	complex		
Model	ct:mnc , ct:mcc , ct:ssi		
Children	ct:mcc, ct:mnc, ct:ssi		
Instance	<pre><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></pre>		
Source	<pre><xs:element name="tsi" type="ct:typeTSI"/></pre>		

Element **ct:typeTSI** / **ct:mnc**

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

Element **ct:typeTSI** / **ct:mcc**

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

Element **ct:typeTSI** / **ct:ssi**

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

Element **ct:typeAddress** / **ct:alias**

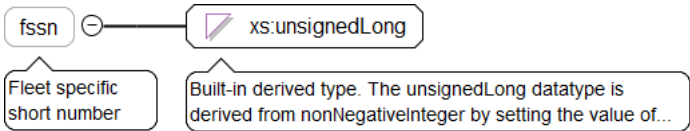
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:normalizedString
Properties	content: simple minOccurs: 0
Source	<code><xs:element name="alias" type="xs:normalizedString" minOccurs="0" /></code>

Element **ct:typeAddress** / **ct:msisdn**

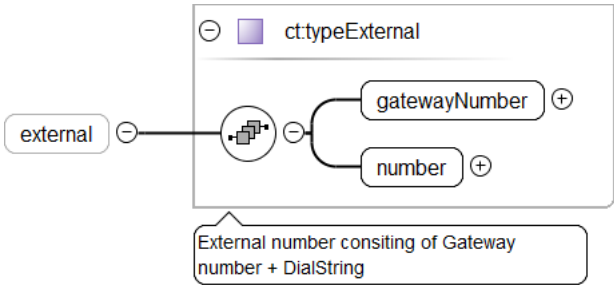
Namespace	DR-GW-Interface/CommonTypes
Diagram	

Type	ct:typeDialString	
Properties	content:	simple
	minOccurs:	0
Facets	maxLength	24
Source	<code><xs:element name="msisdn" type="ct:typeDialString" minOccurs="0"/></code>	

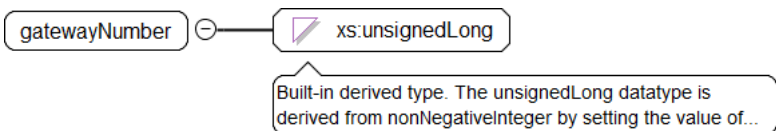
Element `ct:typeAddress` / `ct:fssn`

Namespace	DR-GW-Interface/CommonTypes	
Annotations	Fleet specific short number	
Diagram		
Type	xs:unsignedLong	
Properties	content:	simple
	minOccurs:	0
Source	<pre> <xs:element name="fssn" type="xs:unsignedLong" minOccurs="0"> <xs:annotation> <xs:documentation>Fleet specific short number</xs:documentation> </xs:annotation> </xs:element> </pre>	

Element `ct:typeAddress` / `ct:external`

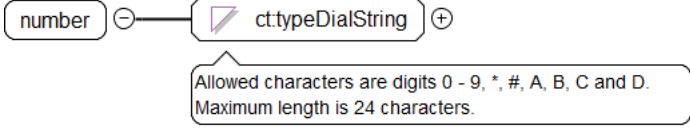
Namespace	DR-GW-Interface/CommonTypes	
Diagram		
Type	ct:typeExternal	
Properties	content:	complex
	minOccurs:	0
Model	ct:gatewayNumber, ct:number	
Children	ct:gatewayNumber, ct:number	
Instance	<pre> <ct:external xmlns:ct="DR-GW-Interface/CommonTypes"> <ct:gatewayNumber>{1,1}</ct:gatewayNumber> <ct:number>{1,1}</ct:number> </ct:external> </pre>	
Source	<code><xs:element name="external" type="ct:typeExternal" minOccurs="0"/></code>	

Element `ct:typeExternal` / `ct:gatewayNumber`

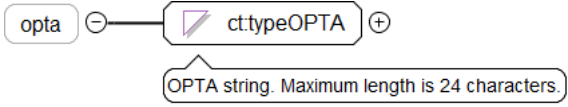
Namespace	DR-GW-Interface/CommonTypes	
Diagram		
Type	xs:unsignedLong	

Properties	content: simple
Source	<code><xs:element name="gatewayNumber" type="xs:unsignedLong" /></code>

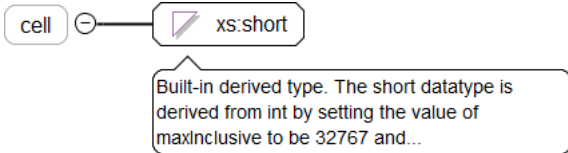
Element `ct:typeExternal` / `ct:number`

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

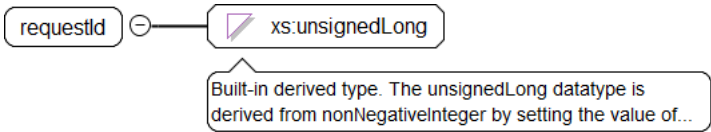
Element `ct:typeAddress` / `ct:opta`

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

Element `ct:typeAddress` / `ct:cell`

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

Element `ct:typeRequest` / `ct:requestId`

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

Source	<code><xs:element name="requestId" type="xs:unsignedLong" /></code>
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Complex Type(s)

Complex Type ct:typeResponse

Namespace	DR-GW-Interface/CommonTypes
Annotations	Response contains result of execution of any method.
Diagram	
Used by	Element SDS_Response
Model	ct:requestId , ct:result
Children	ct:requestId, ct:result
Source	<pre> <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> </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	
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> <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> </pre>

Complex Type ct:typeEvent

Namespace	DR-GW-Interface/CommonTypes
Diagram	

Used by	Elements SDS_ReceiveEvent, SDS_ReportEvent, SDS_SendEvent
Model	ct:requestId{0,1} , ct:result{0,1}
Children	ct:requestId, ct:result
Source	<pre> <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> </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	
Used by	Elements SDS_ReportEvent/source, SDS_ReportEvent/target, typeSDS/forward, typeSDS/source, typeSDS/target
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> <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> </pre>

Complex Type ct:typeSubscriberAddress

Namespace	DR-GW-Interface/CommonTypes
Annotations	
Diagram	

Used by	Elements ct:typeAddress/ct:subscriber, typeSDS/e2eegroup
Model	ct:ssi ct:tsi
Children	ct:ssi, ct:tsi
Source	<pre> <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> </pre>

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> <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> </pre>

Complex Type ct:typeExternal

Namespace	DR-GW-Interface/CommonTypes
Annotations	External number consiting of Gateway number + DialString
Diagram	<p>External number consiting of Gateway number + DialString</p>
Used by	Element ct:typeAddress/ct:external
Model	ct:gatewayNumber , ct:number
Children	ct:gatewayNumber, ct:number
Source	<pre> <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> </pre>

Complex Type ct:typeRequest

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Model	ct:requestId
Children	ct:requestId
Source	<pre><xs:complexType name="typeRequest"> <xs:sequence> <xs:element name="requestId" type="xs:unsignedLong" /> </xs:sequence> </xs:complexType></pre>

Complex Type ct:typeEmpty

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

Simple Type(s)

Simple Type ct:typeResponseCode

Namespace	DR-GW-Interface/CommonTypes												
Diagram													
Type	restriction of xs:normalizedString												
Facets	<table> <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> <tr><td>enumeration</td><td>not_authorized_error</td></tr> <tr><td>enumeration</td><td>temporary_failure</td></tr> <tr><td>enumeration</td><td>subscription_failed</td></tr> </table>	enumeration	success	enumeration	final_response_pending	enumeration	error	enumeration	not_authorized_error	enumeration	temporary_failure	enumeration	subscription_failed
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><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></pre>												

Simple Type ct:typeSourceSystem

Namespace	DR-GW-Interface/CommonTypes
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Diagram									
Type	restriction of xs:normalizedString								
Facets	<table> <tr> <td>enumeration</td><td>DR-GW</td></tr> <tr> <td>enumeration</td><td>TCS-API</td></tr> <tr> <td>enumeration</td><td>TETRA</td></tr> <tr> <td>enumeration</td><td>TACTILON-API</td></tr> </table>	enumeration	DR-GW	enumeration	TCS-API	enumeration	TETRA	enumeration	TACTILON-API
enumeration	DR-GW								
enumeration	TCS-API								
enumeration	TETRA								
enumeration	TACTILON-API								
Used by	Element ct:typeResult/ct:sourceSystem								
Source	<pre><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></pre>								

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	<pre><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></pre>

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	Element ct:typeAddress/ct:opta
Source	<pre><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></pre>

```
</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	<pre> graph LR typeAddressingStyle -- restriction --> xs_normalizedString[xs:normalizedString] typeAddressingStyle --- desc1[Describes the IP addressing style. Unicast or multicast.] xs_normalizedString --- desc2[Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...] </pre>				
Type	restriction of xs:normalizedString				
Facets	<table> <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><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></pre>				