

# Schema documentation for DR-GW-System.Events.xsd

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## Table of Contents

Namespace: "DR-GW-Interface/DR-GW-System.Events"	2
Schema(s)	2
Main schema DR-GW-System.Events.xsd	2
Element(s)	2
Element Sys_TETRAStatesEvent	2
Element Sys_TETRAStatesEvent / tcsState	3
Element Sys_TETRAStatesEvent / dxtState	3
Element Sys_TETRAStatesEvent / cddconnectionState	3
Element Sys_TETRAStatesEvent / cddserverState	4
Element Sys_LogEvent	4
Element Sys_LogEvent / value	5
Element Sys_LogEvent / text	5
Namespace: "DR-GW-Interface/DR-GW-System.CommonTypes"	5
Schema(s)	5
Imported schema DR-GW-System.CommonTypes.xsd	5
Simple Type(s)	5
Simple Type typeSystemElementState	5
Namespace: "DR-GW-Interface/CommonTypes"	6
Schema(s)	6
Imported schema CommonTypes.xsd	6
Element(s)	6
Element ct:typeEvent / ct:requestId	6
Element ct:typeEvent / ct:result	6
Element ct:typeResult / ct:responseCode	7
Element ct:typeResult / ct:sourceSystem	7
Element ct:typeResult / ct:result	7
Element ct:typeTSI / ct:mnc	8
Element ct:typeTSI / ct:mcc	8
Element ct:typeTSI / ct:ssi	8
Element ct:typeExternal / ct:gatewayNumber	8
Element ct:typeExternal / ct:number	9
Element ct:typeSubscriberAddress / ct:ssi	9
Element ct:typeSubscriberAddress / ct:tsi	9
Element ct:typeAddress / ct:subscriber	9
Element ct:typeAddress / ct:alias	10
Element ct:typeAddress / ct:msisdn	10
Element ct:typeAddress / ct:fssn	10
Element ct:typeAddress / ct:external	11
Element ct:typeAddress / ct:opta	11
Element ct:typeAddress / ct:cell	11
Element ct:typeRequest / ct:requestId	12
Element ct:typeResponse / ct:requestId	12
Element ct:typeResponse / ct:result	12
Complex Type(s)	12
Complex Type ct:typeEvent	12
Complex Type ct:typeResult	13
Complex Type ct:typeTSI	13
Complex Type ct:typeExternal	14
Complex Type ct:typeSubscriberAddress	14
Complex Type ct:typeAddress	14
Complex Type ct:typeRequest	15
Complex Type ct:typeResponse	15
Complex Type ct:typeEmpty	16
Simple Type(s)	16
Simple Type ct:typeResponseCode	16
Simple Type ct:typeSourceSystem	16
Simple Type ct:typeDialString	17
Simple Type ct:typeOPTA	17
Simple Type ct:typeAddressingStyle	17

## Namespace: "DR-GW-Interface/DR-GW-System.Events"

### Schema(s)

#### Main schema DR-GW-System.Events.xsd

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

### Element(s)

#### Element Sys\_TETRAStatesEvent

Namespace	DR-GW-Interface/DR-GW-System.Events
Annotations	Indication of the subsystem state updates. Contains current states of all subsystem known by the TCS.
Diagram	<pre> classDiagram     class ct_typeEvent["ct.typeEvent (extension base)"] {         requestId         result     }     class Sys_TETRAStatesEvent {         &lt;&lt;extension of ct.typeEvent&gt;&gt;         tcsState ctS.typeSystemElementState         dxtState ctS.typeSystemElementState         cddconnectionState ctS.typeSystemElementState         cddserverState ctS.typeSystemElementState     }     ct_typeEvent &lt; -- Sys_TETRAStatesEvent     </pre>
Type	extension of ct:typeEvent
Type hierarchy	<ul style="list-style-type: none"> <li>ct:typeEvent</li> </ul>
Properties	content: complex
Model	ct:requestId{0,1} , ct:result{0,1} , tcsState{0,1} , dxtState{0,1} , cddconnectionState{0,1} , cddserverState{0,1}
Children	cddconnectionState, cddserverState, ct:requestId, ct:result, dxtState, tcsState
Instance	<pre> &lt;Sys_TETRAStatesEvent xmlns="DR-GW-Interface/DR-GW-System.Events" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:requestId&gt;{0,1}&lt;/ct:requestId&gt;   &lt;ct:result&gt;{0,1}&lt;/ct:result&gt;   &lt;tcsState&gt;{0,1}&lt;/tcsState&gt;   &lt;dxtState&gt;{0,1}&lt;/dxtState&gt;   &lt;cddconnectionState&gt;{0,1}&lt;/cddconnectionState&gt;   &lt;cddserverState&gt;{0,1}&lt;/cddserverState&gt; &lt;/Sys_TETRAStatesEvent&gt; </pre>
Source	<pre> &lt;xs:element name="Sys_TETRAStatesEvent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Indication of the subsystem state updates. Contains current states of all subsystem known by the TCS.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="ct:typeEvent"&gt;         &lt;xs:sequence&gt; </pre>

```

<xs:element name="tcsState" type="ctS:typeSystemElementState" minOccurs="0"/>
<xs:element name="dxtState" type="ctS:typeSystemElementState" minOccurs="0"/>
<xs:element name="cddconnectionState" type="ctS:typeSystemElementState" minOccurs="0"/>
<xs:element name="cddserverState" type="ctS:typeSystemElementState" minOccurs="0"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

### Element Sys\_TETRAStatesEvent / tcsState

Namespace	DR-GW-Interface/DR-GW-System.Events		
Diagram			
Type	typeSystemElementState		
Properties	content:	simple	
	minOccurs:	0	
Facets	enumeration	unknown	Unknown state.
	enumeration	ok	Connection or server is working.
	enumeration	n_Ok	Connection or server is not working.
Source	<code>&lt;xs:element name="tcsState" type="ctS:typeSystemElementState" minOccurs="0"/&gt;</code>		

### Element Sys\_TETRAStatesEvent / dxtState

Namespace	DR-GW-Interface/DR-GW-System.Events		
Diagram			
Type	typeSystemElementState		
Properties	content:	simple	
	minOccurs:	0	
Facets	enumeration	unknown	Unknown state.
	enumeration	ok	Connection or server is working.
	enumeration	n_Ok	Connection or server is not working.
Source	<code>&lt;xs:element name="dxtState" type="ctS:typeSystemElementState" minOccurs="0"/&gt;</code>		

### Element Sys\_TETRAStatesEvent / cddconnectionState

Namespace	DR-GW-Interface/DR-GW-System.Events		
Diagram			
Type	typeSystemElementState		
Properties	content:	simple	
	minOccurs:	0	
Facets	enumeration	unknown	Unknown state.
	enumeration	ok	Connection or server is working.
	enumeration	n_Ok	Connection or server is not

	working.
Source	<code>&lt;xs:element name="cddconnectionState" type="ctS:typeSystemElementState" minOccurs="0" /&gt;</code>

## Element Sys\_TETRAStatesEvent / cddserverState

Namespace	DR-GW-Interface/DR-GW-System.Events		
Diagram			
Type	typeSystemElementState		
Properties	content:	simple	
	minOccurs:	0	
Facets	enumeration	unknown	Unknown state.
	enumeration	ok	Connection or server is working.
	enumeration	n_Ok	Connection or server is not working.
Source	<code>&lt;xs:element name="cddserverState" type="ctS:typeSystemElementState" minOccurs="0" /&gt;</code>		

## Element Sys\_LogEvent

Namespace	DR-GW-Interface/DR-GW-System.Events
Annotations	Transmits additional information (errors, notices) in both numeric and textual form.
Diagram	
Type	extension of ct:typeEvent
Type hierarchy	<ul style="list-style-type: none"><li>ct:typeEvent</li></ul>
Properties	content: complex
Model	ct:requestId{0,1} , ct:result{0,1} , value{0,1} , text{0,1}
Children	ct:requestId, ct:result, text, value
Instance	<pre>&lt;Sys_LogEvent xmlns="DR-GW-Interface/DR-GW-System.Events" xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:requestId&gt;{0,1}&lt;/ct:requestId&gt;   &lt;ct:result&gt;{0,1}&lt;/ct:result&gt;   &lt;value&gt;{0,1}&lt;/value&gt;   &lt;text&gt;{0,1}&lt;/text&gt; &lt;/Sys_LogEvent&gt;</pre>
Source	<pre>&lt;xs:element name="Sys_LogEvent"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Transmits additional information (errors, notices) in both numeric and textual form.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:complexType&gt;     &lt;xs:complexContent&gt;       &lt;xs:extension base="ct:typeEvent"&gt;         &lt;xs:sequence&gt;           &lt;xs:element name="value" type="xs:hexBinary" minOccurs="0"/&gt;           &lt;xs:element name="text" type="xs:normalizedString" minOccurs="0"/&gt;         &lt;/xs:sequence&gt;       &lt;/xs:extension&gt;     &lt;/xs:complexContent&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

```
<xs:element name="text" type="xs:normalizedString" minOccurs="0"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>
```

## Element Sys\_LogEvent / value

Namespace	DR-GW-Interface/DR-GW-System.Events				
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	<code>&lt;xs:element name="value" type="xs:hexBinary" minOccurs="0"/&gt;</code>				

## Element Sys\_LogEvent / text

Namespace	DR-GW-Interface/DR-GW-System.Events				
Diagram					
Type	xs:normalizedString				
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;xs:element name="text" type="xs:normalizedString" minOccurs="0"/&gt;</code>				

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

### Schema(s)

#### Imported schema DR-GW-System.CommonTypes.xsd

Namespace	DR-GW-Interface/DR-GW-System.CommonTypes				
Annotations	Version 1.1.1				
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				

### Simple Type(s)

#### Simple Type typeSystemElementState

Namespace	DR-GW-Interface/DR-GW-System.CommonTypes
Annotations	Specifies connection, server or unit state.
Diagram	

Type	restriction of xs:normalizedString		
Facets	enumeration	unknown	Unknown state.
	enumeration	ok	Connection or server is working.
	enumeration	n_Ok	Connection or server is not working.
Used by	Elements	Sys_TETRAStatesEvent/cddconnectionState, Sys_TETRAStatesEvent/cddserverState, Sys_TETRAStatesEvent/dxtState, Sys_TETRAStatesEvent/tcsState	
Source	<pre>&lt;xs:simpleType name="typeSystemElementState"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Specifies connection, server or unit state.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:enumeration value="unknown"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Unknown state.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="ok"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Connection or server is working.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;     &lt;xs:enumeration value="n_Ok"&gt;       &lt;xs:annotation&gt;         &lt;xs:documentation&gt;Connection or server is not working.&lt;/xs:documentation&gt;       &lt;/xs:annotation&gt;     &lt;/xs:enumeration&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&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:typeEvent / ct:requestId

Namespace	DR-GW-Interface/CommonTypes
Diagram	<pre> classDiagram     class requestId {         xs:unsignedLong     }     requestId --&gt; "0..1"     </pre> <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	<pre> &lt;xs:element name="requestId" type="xs:unsignedLong" minOccurs="0"/&gt; </pre>

#### Element ct:typeEvent / ct:result

Namespace	DR-GW-Interface/CommonTypes
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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>&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;xs:element name="result" type="ct:typeResult" minOccurs="0"/&gt;</pre>				

#### Element ct:typeResult / ct:responseCode

Namespace	DR-GW-Interface/CommonTypes												
Diagram													
Type	ct:typeResponseCode												
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> </table>	content:	simple										
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>&lt;xs:element name="responseCode" type="ct:typeResponseCode"/&gt;</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> </table>	enumeration	DR-GW	enumeration	TCS-API	enumeration	TETRA
enumeration	DR-GW						
enumeration	TCS-API						
enumeration	TETRA						
Source	<pre>&lt;xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0"/&gt;</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>&lt;xs:element name="result" type="xs:unsignedLong" minOccurs="0"/&gt;</code>				

### Element ct:typeTSI / ct:mnc

Namespace	DR-GW-Interface/CommonTypes		
Diagram			
Type	xs:unsignedShort		
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		
Source	<code>&lt;xs:element name="mnc" type="xs:unsignedShort"/&gt;</code>		

### Element ct:typeTSI / ct:mcc

Namespace	DR-GW-Interface/CommonTypes		
Diagram			
Type	xs:unsignedShort		
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		
Source	<code>&lt;xs:element name="mcc" type="xs:unsignedShort"/&gt;</code>		

### Element ct:typeTSI / 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	<code>&lt;xs:element name="ssi" type="xs:unsignedLong"/&gt;</code>		

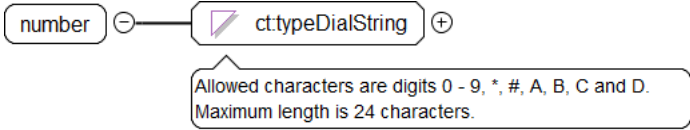
### Element ct:typeExternal / ct:gatewayNumber

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

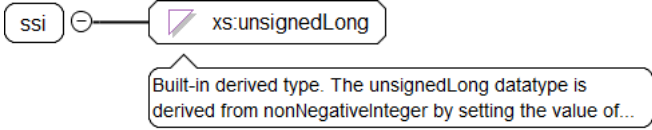


Properties	content: simple
Source	<a href="#">&lt;xs:element name="gatewayNumber" type="xs:unsignedLong" /&gt;</a>

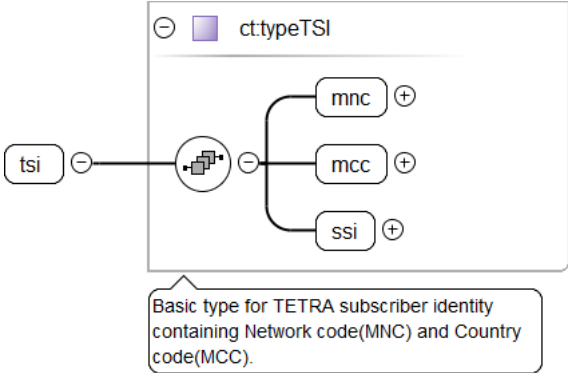
## Element `ct:typeExternal` / `ct:number`

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

## Element `ct:typeSubscriberAddress` / `ct:ssi`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	xs:unsignedLong
Properties	content: simple
Source	<a href="#">&lt;xs:element name="ssi" type="xs:unsignedLong" /&gt;</a>

## Element `ct:typeSubscriberAddress` / `ct:tsi`

Namespace	DR-GW-Interface/CommonTypes
Diagram	
Type	ct:typeTSI
Properties	content: complex
Model	ct:mnc , ct:mcc , ct:ssi
Children	ct:mcc, ct:mnc, ct:ssi
Instance	<pre>&lt;ct:tsi xmlns:ct="DR-GW-Interface/CommonTypes"&gt;   &lt;ct:mnc&gt;{1,1}&lt;/ct:mnc&gt;   &lt;ct:mcc&gt;{1,1}&lt;/ct:mcc&gt;   &lt;ct:ssi&gt;{1,1}&lt;/ct:ssi&gt; &lt;/ct:tsi&gt;</pre>
Source	<a href="#">&lt;xs:element name="tsi" type="ct:typeTSI" /&gt;</a>

## Element `ct:typeAddress` / `ct:subscriber`

Namespace	DR-GW-Interface/CommonTypes
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Diagram	
Type	ct:typeSubscriberAddress
Properties	content: complex minOccurs: 0
Model	ct:ssi   ct:tsi
Children	ct:ssi, ct:tsi
Instance	<pre>&lt;ct:subscriber 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;/ct:subscriber&gt;</pre>
Source	<pre>&lt;xs:element name="subscriber" type="ct:typeSubscriberAddress" minOccurs="0"/&gt;</pre>

### Element ct:typeAddress / ct:alias

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

### Element ct:typeAddress / ct:msisdn

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

### 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:number&gt;{1,1}&lt;/ct:number&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	content: simple
	minOccurs: 0

Source	<code>&lt;xs:element name="cell" type="xs:short" minOccurs="0"/&gt;</code>
--------	--

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

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

## Element `ct:typeResponse` / `ct:requestId`

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

## Element `ct:typeResponse` / `ct:result`

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

## Complex Type(s)

### Complex Type `ct:typeEvent`

Namespace	DR-GW-Interface/CommonTypes
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Diagram	
Used by	Elements Sys_LogEvent, Sys_TETRAStatesEvent
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: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> &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>

## Complex Type ct:typeTSI

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

Source	<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>
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## Complex Type ct:typeExternal

Namespace	DR-GW-Interface/CommonTypes
Annotations	External number consisting of Gateway number + DialString
Diagram	
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:typeSubscriberAddress

Namespace	DR-GW-Interface/CommonTypes
Annotations	
Diagram	
Used by	Element ct:typeAddress/ct:subscriber
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>

## Complex Type ct:typeAddress

Namespace	DR-GW-Interface/CommonTypes
Annotations	Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA).

Diagram	
Model	ct:subscriber{0,1} , ct:alias{0,1} , ct:msisdn{0,1} , ct:fssn{0,1} , ct:external{0,1} , ct:opta{0,1} , ct:cell{0,1}
Children	ct:alias, ct:cell, ct:external, ct:fssn, ct:msisdn, ct:opta, ct:subscriber
Source	<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:element name="cell" type="xs:short" minOccurs="0"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## Complex Type ct:typeRequest

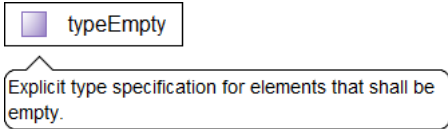
Namespace	DR-GW-Interface/CommonTypes
Diagram	
Model	ct:requestId
Children	ct:requestId
Source	<pre> &lt;xs:complexType name="typeRequest"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="requestId" type="xs:unsignedLong"/&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>

## 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

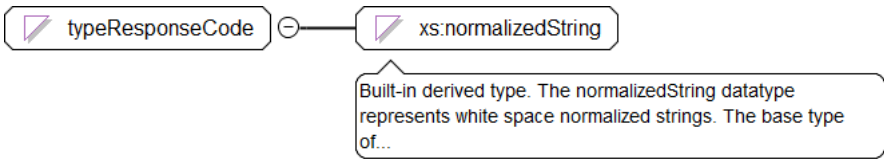
Source	<pre> &lt;xs:complexType name="typeResponse"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Response contains result of execution of any method.&lt;/xs:documentation&gt;   &lt;/xs:annotation&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="requestId" type="xs:unsignedLong" /&gt;   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

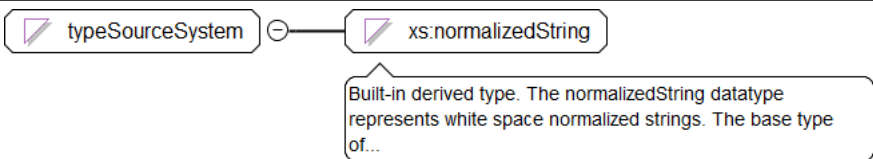
Namespace	DR-GW-Interface/CommonTypes
Annotations	Explicit type specification for elements that shall be empty.
Diagram	
Source	<pre> &lt;xs:complexType name="typeEmpty"&gt;   &lt;xs:annotation&gt;     &lt;xs:documentation&gt;Explicit type specification for elements that shall be empty.&lt;/   &lt;/xs:annotation&gt;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

## Simple Type(s)

### Simple Type ct:typeResponseCode

Namespace	DR-GW-Interface/CommonTypes												
Diagram													
Type	restriction of xs:normalizedString												
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> <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> &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;   &lt;xs:restriction base="xs:normalizedString"&gt;     &lt;xs:enumeration value="DR-GW"/&gt;     &lt;xs:enumeration value="TCS-API"/&gt;     &lt;xs:enumeration value="TETRA"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</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>&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: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>&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:typeAddressingStyle

Namespace	DR-GW-Interface/CommonTypes	
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Annotations	Describes the IP addressing style. Unicast or multicast.				
Diagram	<pre> graph LR     typeAddressingStyle -- restriction --&gt; xs_normalizedString[xs:normalizedString]     </pre> <p>Describes the IP addressing style. Unicast or multicast.</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>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>				