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

november 5, 2024

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

## Schema(s)

### Main schema `DR-GW-Application.Events.xsd`

| Namespace | DR-GW-Interface/DR-GW-Application.Events | |
|---|---|---|
| Annotations | `Version 1.2` | |
| Properties | attribute form default: | `unqualified` |
| | element form default: | `qualified` |

## Element(s)

### Element `App_Response`

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

## Element `App_GetEvent`

| Namespace | DR-GW-Interface/DR-GW-Application.Events |
|---|---|
| Annotations | |
| Diagram |  |
| Type | extension of ct:typeEvent |
| Type hierarchy | • ct:typeEvent |
| Properties | content:          complex |
| Model | ct:requestId{0,1} , ct:result{0,1} , app |
| Children | app, ct:requestId, ct:result |
| Instance | `<App_GetEvent xmlns="DR-GW-Interface/DR-GW-Application.Events" xmlns:ct="DR-GW-Interface/`<br>`CommonTypes">`<br>  `<ct:requestId>{0,1}</ct:requestId>`<br>  `<ct:result>{0,1}</ct:result>`<br>  `<app>{1,1}</app>`<br>`</App_GetEvent>` |
| Source | `<xs:element name="App_GetEvent">`<br>  `<xs:annotation>`<br>    `<xs:documentation/>`<br>  `</xs:annotation>`<br>  `<xs:complexType>`<br>    `<xs:complexContent>`<br>      `<xs:extension base="ct:typeEvent">`<br>        `<xs:sequence>`<br>          `<xs:element name="app" type="ctA:typeApplication" maxOccurs="1"/>`<br>        `</xs:sequence>`<br>      `</xs:extension>`<br>    `</xs:complexContent>`<br>  `</xs:complexType>`<br>`</xs:element>` |

## Element `App_GetEvent / app`

| Namespace | DR-GW-Interface/DR-GW-Application.Events |
|---|---|
| Diagram |  |
| Type | typeApplication |
| Properties | content:          complex<br>maxOccurs:          1 |
| Model | addr , alias , orgblockId |
| Children | addr, alias, orgblockId |
| Instance | `<app xmlns="DR-GW-Interface/DR-GW-Application.Events" xmlns:ctA="DR-GW-Interface/DR-GW-`<br>`Application.CommonTypes">`<br>  `<ctA:addr>{1,1}</ctA:addr>` |

```
        <ctA:alias>{1,1}</ctA:alias>
        <ctA:orgblockId>{1,1}</ctA:orgblockId>
    </app>
```

| Source | `<xs:element name="app" type="ctA:typeApplication" maxOccurs="1"/>` |
|---|---|

## Element App_GetListEvent

| Namespace | DR-GW-Interface/DR-GW-Application.Events |
|---|---|
| Annotations | |
| Diagram |  |
| Type | extension of ct:typeEvent |
| Type hierarchy | • ct:typeEvent |
| Properties | content:      complex |
| Model | ct:requestId{0,1} , ct:result{0,1} , app* , listEnd{0,1} |
| Children | app, ct:requestId, ct:result, listEnd |
| Instance | `<App_GetListEvent xmlns="DR-GW-Interface/DR-GW-Application.Events" xmlns:ct="DR-GW-Interface/CommonTypes">`<br>`  <ct:requestId>{0,1}</ct:requestId>`<br>`  <ct:result>{0,1}</ct:result>`<br>`  <app>{0,unbounded}</app>`<br>`  <listEnd>{0,1}</listEnd>`<br>`</App_GetListEvent>` |
| Source | `<xs:element name="App_GetListEvent">`<br>`  <xs:annotation>`<br>`    <xs:documentation/>`<br>`  </xs:annotation>`<br>`  <xs:complexType>`<br>`    <xs:complexContent>`<br>`      <xs:extension base="ct:typeEvent">`<br>`        <xs:sequence>`<br>`          <xs:element name="app" type="ctA:typeApplication" minOccurs="0" maxOccurs="unbounded"/>`<br>`          <xs:element name="listEnd" type="xs:boolean" minOccurs="0"/>`<br>`        </xs:sequence>`<br>`      </xs:extension>`<br>`    </xs:complexContent>`<br>`  </xs:complexType>`<br>`</xs:element>` |

## Element App_GetListEvent / app

| Namespace | DR-GW-Interface/DR-GW-Application.Events |
|---|---|
| Diagram |  |

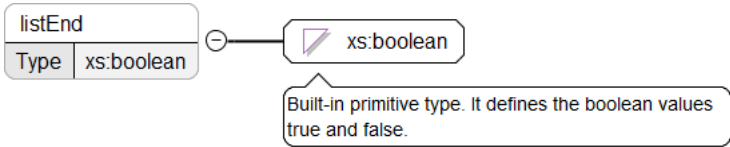| Type | typeApplication | |
|---|---|---|
| Properties | content: | complex |
| | minOccurs: | 0 |
| | maxOccurs: | unbounded |
| Model | addr , alias , orgblockId | |
| Children | addr, alias, orgblockId | |
| Instance | `<app xmlns="DR-GW-Interface/DR-GW-Application.Events" xmlns:ctA="DR-GW-Interface/DR-GW-Application.CommonTypes">`<br>`  <ctA:addr>{1,1}</ctA:addr>`<br>`  <ctA:alias>{1,1}</ctA:alias>`<br>`  <ctA:orgblockId>{1,1}</ctA:orgblockId>`<br>`</app>` | |
| Source | `<xs:element name="app" type="ctA:typeApplication" minOccurs="0" maxOccurs="unbounded"/>` | |

### Element `App_GetListEvent / listEnd`

| Namespace | DR-GW-Interface/DR-GW-Application.Events | |
|---|---|---|
| Diagram |  | |
| Type | xs:boolean | |
| Properties | content: | simple |
| | minOccurs: | 0 |
| Source | `<xs:element name="listEnd" type="xs:boolean" minOccurs="0"/>` | |

## Namespace: "DR-GW-Interface/CommonTypes"
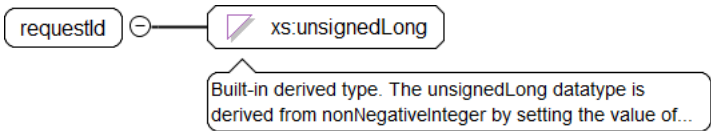
## Schema(s)

### Imported schema `CommonTypes.xsd`

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

## Element(s)

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

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

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

| Namespace | DR-GW-Interface/CommonTypes | |
|---|---|---|

| Diagram |  |
|---|---|
| Type | ct:typeResult |
| Properties | content:      complex |
| Model | ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1} |
| Children | ct:responseCode, ct:result, ct:sourceSystem |
| Instance | `<ct:result xmlns:ct="DR-GW-Interface/CommonTypes">`<br>`  <ct:responseCode>{1,1}</ct:responseCode>`<br>`  <ct:sourceSystem>{0,1}</ct:sourceSystem>`<br>`  <ct:result>{0,1}</ct:result>`<br>`</ct:result>` |
| Source | `<xs:element name="result" type="ct:typeResult"/>` |

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

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

## Element `ct:typeResult / ct:sourceSystem`

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

## Element `ct:typeResult / ct:result`

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|

| Diagram |  |
|---|---|
| Type | xs:unsignedLong |
| Properties | content: simple<br>minOccurs: 0 |
| Source | `<xs:element name="result" type="xs:unsignedLong" minOccurs="0"/>` |

## Element `ct:typeEvent / ct:requestId`

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

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

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram |  |
| Type | ct:typeResult |
| Properties | content: complex<br>minOccurs: 0 |
| Model | ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1} |
| Children | ct:responseCode, ct:result, ct:sourceSystem |
| Instance | `<ct:result xmlns:ct="DR-GW-Interface/CommonTypes">`<br>  `<ct:responseCode>{1,1}</ct:responseCode>`<br>  `<ct:sourceSystem>{0,1}</ct:sourceSystem>`<br>  `<ct:result>{0,1}</ct:result>`<br>`</ct:result>` |
| Source | `<xs:element name="result" type="ct:typeResult" minOccurs="0"/>` |

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

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram |  |

| Type | xs:unsignedLong |
|---|---|
| Properties | content: simple |
| Source | `<xs:element name="ssi" type="xs:unsignedLong"/>` |

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

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram |  Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC). |
| Type | ct:typeTSI |
| Properties | content: complex |
| Model | ct:mnc , ct:mcc , ct:ssi |
| Children | ct:mcc, ct:mnc, ct:ssi |
| Instance | `<ct:tsi xmlns:ct="DR-GW-Interface/CommonTypes">`<br>`  <ct:mnc>{1,1}</ct:mnc>`<br>`  <ct:mcc>{1,1}</ct:mcc>`<br>`  <ct:ssi>{1,1}</ct:ssi>`<br>`</ct:tsi>` |
| Source | `<xs:element name="tsi" type="ct:typeTSI"/>` |

## Element `ct:typeTSI / ct:mnc`

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram |  Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to... |
| 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 |  Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to... |
| Type | xs:unsignedShort |
| Properties | content: simple |
| Source | `<xs:element name="mcc" type="xs:unsignedShort"/>` |

## Element `ct:typeTSI / ct:ssi`

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|

| Diagram |  |
|---|---|
| Type | xs:unsignedLong |
| Properties | content:      simple |
| Source | `<xs:element name="ssi" type="xs:unsignedLong"/>` |

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

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

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

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

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

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

## Element `ct:typeAddress / ct:alias`

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|

| Diagram |  |
|---|---|
| Type | xs:normalizedString |
| Properties | content: simple<br>minOccurs: 0 |
| Source | `<xs:element name="alias" type="xs:normalizedString" minOccurs="0"/>` |

## Element `ct:typeAddress / ct:msisdn`

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

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

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram |  |
| Type | ct:typeExternal |

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

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

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram | <br>OPTA string. Maximum length is 24 characters. |
| Type | ct:typeOPTA |
| Properties | content:     simple<br>minOccurs:     0 |
| Facets | maxLength     24 |
| Source | `<xs:element name="opta" type="ct:typeOPTA" minOccurs="0"/>` |

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

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram | <br>Built-in derived type. The short datatype is derived from int by setting the value of maxInclusive to be 32767 and... |
| Type | xs:short |
| Properties | content:     simple<br>minOccurs:     0 |
| Source | `<xs:element name="cell" type="xs:short" minOccurs="0"/>` |
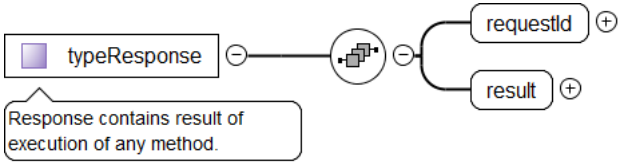
## Element `ct:typeRequest / ct:requestId`

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram | <br>Built-in derived type. The unsignedLong datatype is derived from nonNegativeInteger by setting the value of... |
| Type | xs:unsignedLong |
| Properties | content:     simple |
| Source | `<xs:element name="requestId" type="xs:unsignedLong"/>` |

# 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          App_Response |
| Model | ct:requestId , ct:result |
| Children | ct:requestId, ct:result |
| Source | ```xml<br><xs:complexType name="typeResponse"><br>  <xs:annotation><br>    <xs:documentation>Response contains result of execution of any method.</xs:documentation><br>  </xs:annotation><br>  <xs:sequence><br>    <xs:element name="requestId" type="xs:unsignedLong"/><br>    <xs:element name="result" type="ct:typeResult"/><br>  </xs:sequence><br></xs:complexType><br>``` |

## Complex Type `ct:typeResult`

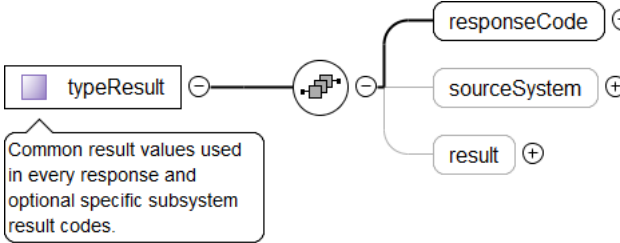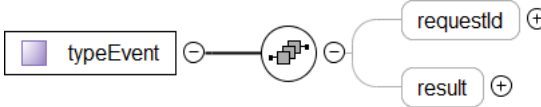| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Annotations | Common result values used in every response and optional specific subsystem result codes. |
| Diagram |  |
| Used by | Elements          ct:typeEvent/ct:result, ct:typeResponse/ct:result |
| Model | ct:responseCode , ct:sourceSystem{0,1} , ct:result{0,1} |
| Children | ct:responseCode, ct:result, ct:sourceSystem |
| Source | ```xml<br><xs:complexType name="typeResult"><br>  <xs:annotation><br>    <xs:documentation>Common result values used in every response and optional specific subsystem<br> result codes.</xs:documentation><br>  </xs:annotation><br>  <xs:sequence><br>    <xs:element name="responseCode" type="ct:typeResponseCode"/><br>    <xs:element name="sourceSystem" type="ct:typeSourceSystem" minOccurs="0"/><br>    <xs:element name="result" type="xs:unsignedLong" minOccurs="0"/><br>  </xs:sequence><br></xs:complexType><br>``` |

## Complex Type `ct:typeEvent`

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram |  |
| Used by | Elements          App_GetEvent, App_GetListEvent |
| Model | ct:requestId{0,1} , ct:result{0,1} |
| Children | ct:requestId, ct:result |
| Source | ```xml<br><xs:complexType name="typeEvent"><br>  <xs:sequence><br>    <xs:element name="requestId" type="xs:unsignedLong" minOccurs="0"/><br>    <xs:element name="result" type="ct:typeResult" minOccurs="0"/><br>  </xs:sequence><br>``` |

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

## Complex Type `ct:typeSubscriberAddress`

| | |
|---|---|
| Namespace | DR-GW-Interface/CommonTypes |
| Annotations | |
| Diagram |  |
| Used by | Elements      ct:typeAddress/ct:subscriber, typeApplication/addr |
| Model | ct:ssi \| ct:tsi |
| Children | ct:ssi, ct:tsi |
| Source | <xs:complexType name="typeSubscriberAddress"><br>  <xs:annotation><br>    <xs:documentation/><br>  </xs:annotation><br>  <xs:choice><br>    <xs:element name="ssi" type="xs:unsignedLong"/><br>    <xs:element name="tsi" type="ct:typeTSI"/><br>  </xs:choice><br></xs:complexType> |

## Complex Type `ct:typeTSI`

| | |
|---|---|
| Namespace | DR-GW-Interface/CommonTypes |
| Annotations | Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC). |
| Diagram |  |
| Used by | Element      ct:typeSubscriberAddress/ct:tsi |
| Model | ct:mnc , ct:mcc , ct:ssi |
| Children | ct:mcc, ct:mnc, ct:ssi |
| Source | <xs:complexType name="typeTSI"><br>  <xs:annotation><br>    <xs:documentation>Basic type for TETRA subscriber identity containing Network code(MNC) and Country code(MCC).</xs:documentation><br>  </xs:annotation><br>  <xs:sequence><br>    <xs:element name="mnc" type="xs:unsignedShort"/><br>    <xs:element name="mcc" type="xs:unsignedShort"/><br>    <xs:element name="ssi" type="xs:unsignedLong"/><br>  </xs:sequence><br></xs:complexType> |

## Complex Type `ct:typeExternal`

| | |
|---|---|
| Namespace | DR-GW-Interface/CommonTypes |
| Annotations | External number consiting of Gateway number + DialString |
| Diagram |  |

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

## Complex Type `ct:typeAddress`

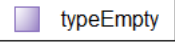| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Annotations | Basic type for all possible TETRA address types (SSI, TSI, MSISDN, FSSN, OPTA). |
| Diagram |  |
| Model | ct:subscriber{0,1} , ct:alias{0,1} , ct:msisdn{0,1} , ct:fssn{0,1} , ct:external{0,1} , ct:opta{0,1} , ct:cell{0,1} |
| Children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

## Complex Type `ct:typeRequest`

| Namespace | DR-GW-Interface/CommonTypes |
|---|---|
| Diagram |  |
| Model | ct:requestId |
| Children | ct:requestId |
| Source | ```xml<br><xs:complexType name="typeRequest"><br>``` |

```
      <xs:sequence>
        <xs:element name="requestId" type="xs:unsignedLong"/>
      </xs:sequence>
</xs:complexType>
```
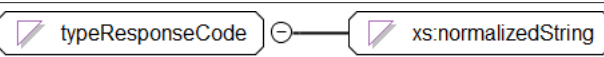
## Complex Type `ct:typeEmpty`
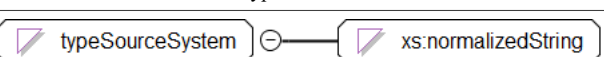
| | |
|---|---|
| Namespace | DR-GW-Interface/CommonTypes |
| Annotations | Explicit type specification for elements that shall be empty. |
| Diagram | typeEmpty<br><br>Explicit type specification for elements that shall be empty. |
| Source | `<xs:complexType name="typeEmpty">`<br>`  <xs:annotation>`<br>`    <xs:documentation>Explicit type specification for elements that shall be empty.</`<br>`xs:documentation>`<br>`  </xs:annotation>`<br>`</xs:complexType>` |

# Simple Type(s)

## Simple Type `ct:typeResponseCode`

| | | |
|---|---|---|
| Namespace | DR-GW-Interface/CommonTypes | |
| Diagram | typeResponseCode — xs:normalizedString<br><br>Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of... | |
| Type | restriction of xs:normalizedString | |
| Facets | enumeration | success |
| | enumeration | final_response_pending |
| | enumeration | error |
| | enumeration | not_authorized_error |
| | enumeration | temporary_failure |
| | enumeration | subscription_failed |
| Used by | Element | ct:typeResult/ct:responseCode |
| Source | `<xs:simpleType name="typeResponseCode">`<br>`  <xs:restriction base="xs:normalizedString">`<br>`    <xs:enumeration value="success"/>`<br>`    <xs:enumeration value="final_response_pending"/>`<br>`    <xs:enumeration value="error"/>`<br>`    <xs:enumeration value="not_authorized_error"/>`<br>`    <xs:enumeration value="temporary_failure"/>`<br>`    <xs:enumeration value="subscription_failed"/>`<br>`  </xs:restriction>`<br>`</xs:simpleType>` | |

## Simple Type `ct:typeSourceSystem`

| | | |
|---|---|---|
| Namespace | DR-GW-Interface/CommonTypes | |
| Diagram | typeSourceSystem — xs:normalizedString<br><br>Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of... | |
| Type | restriction of xs:normalizedString | |
| Facets | enumeration | DR-GW |

| | enumeration | TCS-API |
|---|---|---|
| | enumeration | TETRA |
| | enumeration | TACTILON-API |
| Used by | Element | ct:typeResult/ct:sourceSystem |
| Source | `<xs:simpleType name="typeSourceSystem">`<br>  `<xs:restriction base="xs:normalizedString">`<br>    `<xs:enumeration value="DR-GW"/>`<br>    `<xs:enumeration value="TCS-API"/>`<br>    `<xs:enumeration value="TETRA"/>`<br>    `<xs:enumeration value="TACTILON-API"/>`<br>  `</xs:restriction>`<br>`</xs:simpleType>` | |

## Simple Type `ct:typeDialString`

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

## 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 | `<xs:simpleType name="typeOPTA">`<br>  `<xs:annotation>`<br>    `<xs:documentation>`OPTA string. Maximum length is 24 characters.`</xs:documentation>`<br>  `</xs:annotation>`<br>  `<xs:restriction base="xs:normalizedString">`<br>    `<xs:maxLength value="24"/>`<br>  `</xs:restriction>`<br>`</xs:simpleType>` |

## Simple Type `ct:typeAddressingStyle`

| | |
|---|---|
| Namespace | DR-GW-Interface/CommonTypes |
| Annotations | Describes the IP addressing style. Unicast or multicast. |

| Diagram | |
|---|---|



Describes the IP addressing style. Unicast or multicast.

Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...

| Type | restriction of xs:normalizedString | |
|---|---|---|
| Facets | enumeration | ucast |
| | enumeration | mcast |
| Source | <xs:simpleType name="typeAddressingStyle"> <br>   <xs:annotation> <br>     <xs:documentation>Describes the IP addressing style. Unicast or multicast.</xs:documentation> <br>   </xs:annotation> <br>   <xs:restriction base="xs:normalizedString"> <br>     <xs:enumeration value="ucast"/> <br>     <xs:enumeration value="mcast"/> <br>   </xs:restriction> <br> </xs:simpleType> | |

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

## Schema(s)

### Imported schema `DR-GW-Application.CommonTypes.xsd`

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

## Element(s)

### Element `typeApplication / addr`

| Namespace | DR-GW-Interface/DR-GW-Application.CommonTypes | |
|---|---|---|
| Diagram | | |



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

### Element `typeApplication / alias`

| Namespace | DR-GW-Interface/DR-GW-Application.CommonTypes |
|---|---|
| Diagram | |



Built-in derived type. The normalizedString datatype represents white space normalized strings. The base type of...

| Type | xs:normalizedString |
|---|---|
| Properties | content:        simple |
| Source | `<xs:element name="alias" type="xs:normalizedString"/>` |

## Element `typeApplication / orgblockId`

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

# Complex Type(s)

## Complex Type `typeApplication`

| Namespace | DR-GW-Interface/DR-GW-Application.CommonTypes |
|---|---|
| Annotations | |
| Diagram |  |
| Used by | Elements        App_GetEvent/app, App_GetListEvent/app |
| Model | addr , alias , orgblockId |
| Children | addr, alias, orgblockId |
| Source | `<xs:complexType name="typeApplication">`<br>  `<xs:annotation>`<br>    `<xs:documentation/>`<br>  `</xs:annotation>`<br>  `<xs:sequence>`<br>    `<xs:element name="addr" type="ct:typeSubscriberAddress"/>`<br>    `<xs:element name="alias" type="xs:normalizedString"/>`<br>    `<xs:element name="orgblockId" type="ctO:typeOrganisationBlockId"/>`<br>  `</xs:sequence>`<br>`</xs:complexType>` |

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

# Schema(s)

## Imported schema `DR-GW-OrganisationBlock.CommonTypes.xsd`

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

| | |
|---|---|
| element form default: | `qualified` |

# Element(s)

## Element `typeOrganisationBlockId / orgblockId`

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

## Element `typeOrganisationBlockIdNormal / id1`

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

## Element `typeOrganisationBlockIdNormal / id2`

| | |
|---|---|
| Namespace | DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes |
| Diagram |  |
| Type | xs:unsignedShort |

| Properties | | |
|---|---|---|
| | content: | simple |
| | minOccurs: | 0 |
| Source | `<xs:element name="id2" type="xs:unsignedShort" minOccurs="0"/>` | |

## Element `typeOrganisationBlockIdNormal / id3`

| Namespace | DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes | |
|---|---|---|
| Diagram | id3 ⊖—— xs:unsignedShort<br><br>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to... | |
| Type | xs:unsignedShort | |
| Properties | content: | simple |
| | minOccurs: | 0 |
| Source | `<xs:element name="id3" type="xs:unsignedShort" minOccurs="0"/>` | |

## Element `typeOrganisationBlockIdNormal / id4`

| Namespace | DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes | |
|---|---|---|
| Diagram | id4 ⊖—— xs:unsignedShort<br><br>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to... | |
| Type | xs:unsignedShort | |
| Properties | content: | simple |
| | minOccurs: | 0 |
| Source | `<xs:element name="id4" type="xs:unsignedShort" minOccurs="0"/>` | |

## Element `typeOrganisationBlockIdNormal / id5`

| Namespace | DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes | |
|---|---|---|
| Diagram | id5 ⊖—— xs:unsignedShort<br><br>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to... | |
| Type | xs:unsignedShort | |
| Properties | content: | simple |
| | minOccurs: | 0 |
| Source | `<xs:element name="id5" type="xs:unsignedShort" minOccurs="0"/>` | |

## Element `typeOrganisationBlockIdNormal / id6`

| Namespace | DR-GW-Interface/DR-GW-OrganisationBlock.CommonTypes | |
|---|---|---|
| Diagram | id6 ⊖—— xs:unsignedShort<br><br>Built-in derived type. The unsignedShort datatype is derived from unsignedInt by setting the value of maxInclusive to... | |
| Type | xs:unsignedShort | |
| Properties | content: | simple |
| | minOccurs: | 0 |

| Source | `<xs:element name="id6" type="xs:unsignedShort" minOccurs="0"/>` |
|---|---|

## Element `typeOrganisationBlockId / orgblockIdSimple`

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

## Element `typeOrganisationBlock / orgblockId`

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

## Element `typeOrganisationBlock / alias`

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

# Complex Type(s)

## Complex Type `typeOrganisationBlockId`

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

| Annotations | |
|---|---|
| Diagram |  |
| Used by | Elements      typeApplication/orgblockId, typeOrganisationBlock/orgblockId |
| Model | orgblockId \| orgblockIdSimple |
| Children | orgblockId, orgblockIdSimple |
| Source | <pre><xs:complexType name="typeOrganisationBlockId">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:choice>
    <xs:element name="orgblockId" type="typeOrganisationBlockIdNormal"/>
    <xs:element name="orgblockIdSimple" type="typeOrganisationBlockIdSimple"/>
  </xs:choice>
</xs:complexType></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><xs:complexType name="typeOrganisationBlockIdNormal">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="id1" type="xs:unsignedShort" minOccurs="0"/>
    <xs:element name="id2" type="xs:unsignedShort" minOccurs="0"/>
    <xs:element name="id3" type="xs:unsignedShort" minOccurs="0"/>
    <xs:element name="id4" type="xs:unsignedShort" minOccurs="0"/>
    <xs:element name="id5" type="xs:unsignedShort" minOccurs="0"/>
    <xs:element name="id6" type="xs:unsignedShort" minOccurs="0"/>
  </xs:sequence>
</xs:complexType></pre> |

## Complex Type `typeOrganisationBlock`

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

| Source | ``` <xs:complexType name="typeOrganisationBlock"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:sequence> <xs:element name="orgblockId" type="typeOrganisationBlockId"/> <xs:element name="alias" type="xs:normalizedString"/> </xs:sequence> </xs:complexType> ``` |
|---|---|

## Simple Type(s)

### Simple Type `typeOrganisationBlockIdSimple`

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