



---

## ShipmentService-Public\_4\_5 Web Service Reference

Version 4.5.0

28.01.2026

NETWORK  
MEMBER OF



## Table of contents

|                               |          |
|-------------------------------|----------|
| <b>History .....</b>          | <b>4</b> |
| <b>Methods .....</b>          | <b>6</b> |
| storeOrders .....             | 7        |
| <b>Complex Types .....</b>    | <b>9</b> |
| types .....                   | 9        |
| OutputType .....              | 9        |
| additionalInvoiceLine .....   | 10       |
| address .....                 | 12       |
| addressWithBusinessUnit ..... | 14       |
| addressWithType .....         | 16       |
| delivery .....                | 19       |
| faultCodeType .....           | 20       |
| generalShipmentData .....     | 22       |
| hazardous .....               | 25       |
| higherInsurance .....         | 27       |
| international .....           | 28       |
| invoiceConsigneeAddress ..... | 32       |
| invoiceConsignorAddress ..... | 34       |
| notification .....            | 37       |
| parcel .....                  | 37       |
| parcelInformationType .....   | 40       |
| parcelShopDelivery .....      | 41       |
| personalDelivery .....        | 42       |
| pickup .....                  | 43       |
| printOption .....             | 45       |

|                                                             |           |
|-------------------------------------------------------------|-----------|
| printOptions.....                                           | 46        |
| printer .....                                               | 46        |
| proactiveNotification .....                                 | 47        |
| productAndServiceData .....                                 | 48        |
| returnAddress.....                                          | 50        |
| senderAddress .....                                         | 53        |
| shipmentResponse .....                                      | 56        |
| shipmentServiceData .....                                   | 57        |
| storeOrders .....                                           | 57        |
| storeOrdersResponse .....                                   | 58        |
| storeOrdersResponseType.....                                | 58        |
| <b>types_authentication.....</b>                            | <b>59</b> |
| Anonymous Complex Type of Element: authentication .....     | 59        |
| Anonymous Complex Type of Element: authenticationFault..... | 60        |
| <b>Simple Types .....</b>                                   | <b>61</b> |
| <b>types .....</b>                                          | <b>61</b> |
| OutputEncodingType .....                                    | 61        |
| OutputFormatType.....                                       | 62        |
| startPosition.....                                          | 62        |
| <b>Elements .....</b>                                       | <b>63</b> |
| <b>types .....</b>                                          | <b>63</b> |
| storeOrders .....                                           | 63        |
| storeOrdersResponse .....                                   | 63        |
| <b>types_authentication.....</b>                            | <b>64</b> |
| authentication .....                                        | 64        |
| authenticationFault.....                                    | 64        |

## History

### Version 4.5.0

- Added fields softwareVersion, mpsBillReferenceNumber and crossBorderType in GeneralShipmentData
- Additional address fields added: additionalInfo2, additionalInfo3, eori, vatNumber, taxIdType, taxIdValue and accountOwner
- New OutputFormatType "ZPL300" for ZPL printers with 300 dpi
- New field outputEncoding and customsOriginAlphanumeric in PrintOption with the options "CP850", "CP1252", "UTF8"
- Other improvements for ZPL printing: Set Barcode orientation, use RAM instead of Flash memory
- Added customsInvoice, customsInvoiceDate, reasonForExport, clearanceCleared, exportMrn, originalExportMrn, incoterm, incotermLocationTown, incotermLocationCountryCode, paymentTerm, packagingCost, packagingCostCurrency, shippingCost, shippingCostCurrency, insuranceCost and insuranceCostCurrency to international block
- Added recipientCountryTarif, senderCountryTarif unitPrice, customsAuthorizationNumber, proofOfOriginReferenceNumber, proofOfOriginDate, proofOfOriginType and preferentialOriginRequested to international (additionalInvoiceLine) block
- Added additionalInfo to hazardous block
- Removed customsOrigin, customsTerms, shipMrn, commercialInvoiceConsigneeVatNumber commercialInvoiceConsignorVatNumber and customsTarif from international block
- Added eori and vatNumber to commercialInvoiceConsignee block
- Added eori to commercialInvoiceConsignor block
- Restored "EXPRESS" banner on parcel labels of Food Express deliveries
- Restored functionality of digital parcel label (PKPASS format)
- Phased out services DPD 10:00, DPD Priority and thermo print formats DPL and PDL
- Unified weight formats for parcels and hazardous data

### Version 4.4.0

- The new type addressWithBusinessUnit includes all fields of address plus business unit.
- The new type addressWithType includes all fields of addressWithBusinessUnit plus address type.
- Sender and recipient in GeneralShipmentData have been changed to addressWithType.
- The type invoiceConsigneAddress in International has been changed to addressWithBusinessUnit.
- The international block has been moved from parcel to productAndServiceData.
- New fields numberOfArticle and countryRegistrationNumber have been added to international block.
- The fields customsAmountParcel, customsContent and customsTarif have been removed from international block and customsTerms can now also be 07 = "DAP enhanced, duty and taxes were pre-paid by the receiver".
- New fields productFabricCompositon, productCode and productShortDescription have been added to additionalInvoiceLine.
- New field parcelShopPudold has been added to the parcelShopDelivery block.  
a new field returnAddress has been added.
- The field addService has been expanded with additional values.
- The field function can now also be LOCKZBK = "Delivery to mail-/parcelbox (without signature)".

- The number of parcels has been changed from unbounded to 100.
- In parcel, the minimum value of volume has been changed to 1001001.
- The field cod in parcel has been removed. Therefore COD is no longer allowed.
- Email pattern has been changed for all addresses.
- The product DPD PARCELLetterPlus (PL+ in generalShipmentData) has been removed.
- The day has been removed from pickup block and quantity as well as date are optional now.
- New pattern for all time fields added.

#### **Version 4.3.0**

- New structure for parcel labels, now including ZPL labels and other types.
- New fields for ParcelLock in Pickup (boxId and boxTan).
- New field mobile in type address.
- New fields customsAmountExport, customsCurrencyExport, commercialInvoiceConsignor, commercialInvoiceConsignorVatNumber, additionalInvoiceLines in type international.
- New type additionalInvoiceLine.
- Changed field extraPickup in type pickup from Boolean to Integer and invoicePosition in type international from String to Integer.
- Changed field length of field email in type address, customsAmount, customsAmountParcel, customsContent, customsTarif in type international, parcelClass in type parcel, phone in type personalDelivery.
- New product DPD MAX (MAX in generalShipmentData).
- New product DPD Priority (PM4 in generalShipmentData).
- New feature DPD Food (DID).

#### **Version 3.2.0**

- New field extraPickup in pickup.
- New field startPosition in printOptions.

#### **Version 3.1.0**

- New field tyres in productAndServiceData.
- Field customerNumber in sender/recipient address and field invoicePosition in international must be numeric.
- Parcelblock is optional, for only one parcel with no additional data.
- Return parcel label in format A7 support.
- Return parcel label receipt support.
- Variable sender address support.
- Parcel with 0kg weight handle as classic parcel.

#### **Version 3.0.0**

- New field countrySpecificService in productAndServiceData.
- Removed field paperFormat in storeOrders.
- Introduced new element printOptions in storeOrders with paperformat, printertype and printer options.

## Methods

Following methods are available for the service **ShipmentService-Public\_4\_5**

| <i>Method name</i> | <i>Description</i>                                                      |
|--------------------|-------------------------------------------------------------------------|
| storeOrders        | Stores up to 30 shipments and creates corresponding shipment documents. |

## Method: storeOrders

### Description

Stores up to 30 shipments and creates corresponding shipment documents.

Sample request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns="http://dpd.com/common/service/types/Authentication/2.0" xmlns:ns1="http://dpd.com/common/service/types/ShipmentService/4.5">
  <soapenv:Header>
    <ns:authentication>
      <delisId><your delisId></delisId>
      <authToken><your authToken></authToken>
      <messageLanguage>de_DE</messageLanguage>
    </ns:authentication>
  </soapenv:Header>
  <soapenv:Body>
    <ns1:storeOrders>
      <printOptions>
        <printOption>
          <outputFormat>PDF</outputFormat>
          <paperFormat>A4</paperFormat>
        </printOption>
      </printOptions>
      <order>
        <generalShipmentData>
          <identificationNumber>77777</identificationNumber>
          <sendingDepot>0163</sendingDepot>
          <product>CL</product>
          <mpsCompleteDelivery>0</mpsCompleteDelivery>
          <sender>
            <name1>Abholer1</name1>
            <street>Strasse 1</street>
            <country>DE</country>
            <zipCode>11111</zipCode>
            <city>Ort1</city>
            <customerNumber>12345679</customerNumber>
          </sender>
          <recipient>
            <name1>Test-Empfaenger</name1>
            <street>Test-Strasse</street>
            <state>BY</state>
            <country>DE</country>
            <zipCode>63741</zipCode>
          </recipient>
        </generalShipmentData>
      </order>
    </ns1:storeOrders>
  </soapenv:Body>
</soapenv:Envelope>
```

```

        <city>Aschaffenburg</city>
      </recipient>
    </generalShipmentData>
    <parcels>
      <parcelLabelNumber><your parcelLabelNumber></parcelLabelNumber>
      <weight>100</weight>
    </parcels>
    <productAndServiceData>
      <orderType>consignment</orderType>
    </productAndServiceData>
  </order>
</ns1:storeOrders>
</soapenv:Body>
</soapenv:Envelope>

```

### Action

<http://dpd.com/common/service/ShipmentService/4.5/storeOrders>

### Input

The input for method storeOrders is as follows:

| Name             | Element                             |
|------------------|-------------------------------------|
| authentication * | types_authentication:authentication |
| parameters       | types:storeOrders                   |

\* header parameter

### Output

The output for method storeOrders is as follows:

| Name   | Element                   |
|--------|---------------------------|
| return | types:storeOrdersResponse |

### Faults

The defined faults for method storeOrders are as follows:

| Name                | Element                                  |
|---------------------|------------------------------------------|
| AuthenticationFault | types_authentication:authenticationFault |



## Complex Types

### Namespace: types

URL: <http://dpd.com/common/service/types/ShipmentService/4.5>

Namespace: types

### Complex Type: OutputType

#### Description

Contains the output data, e.g. parcel labels.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                                                                                              |
|-------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| format            | types:OutputFormatType /<br>1 .. 1 /          | The type of the output data.<br>Supported types are:<br>PDF,<br>ZPL,<br>ZPL300,<br>PKPASS,<br>BARCODE_IMAGE,<br>MULTIPAGE_IMAGE |
| content           | xs:base64Binary /<br>1 .. 1 /                 | The output data                                                                                                                 |

Namespace: types

## Complex Type: additionalInvoiceLine

### Description

Bundles information about an invoice position for international parcels.

| Field name                    | Data type /<br>Occurrence /<br>Range                                          | Description                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| customsInvoicePosition        | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999               | Number of invoice position.                                                                           |
| quantityItems                 | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999                | Number of items.                                                                                      |
| customsContent                | xs:string /<br>0 .. 1 /<br>maxLength: 200                                     | Content.                                                                                              |
| customsAmountLine             | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999<br>999999 | Value of invoice position (in invoice currency) with two decimal digits without separator.            |
| customsOrigin                 | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999                  | Country of origin (ISO 3166) of the article, 3 digit numeric.                                         |
| customsOrigin<br>Alphanumeric | xs:string /<br>0 .. 1 /<br>length: 2                                          | Country of origin (ISO 3166) of the article, 2 digit alphanumeric.                                    |
| customsNetWeight              | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999            | Parcel net weight in gramm rounded in 10 gramm units without decimal delimiter (e.g. 300 equals 3kg). |

|                              |                                                                   |                                                                                                                          |
|------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| customsGrossWeight           | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999 | Parcel gross weight in gramm rounded in 10 gramm units without decimal delimiter (e.g. 300 equals 3kg).                  |
| productFabricComposition     | xs:string /<br>0 .. 1 /<br>maxLength: 200                         | Description of fabric composition (for DPD DIRECT Servicecode 370).                                                      |
| recipientCountryTarif        | xs:string /<br>0 .. 1 /<br>maxLength: 20                          | Customs tariff number (HSCODE) applicable for the customs clearance gateway and/or destination country.                  |
| senderCountryTarif           | xs:string /<br>0 .. 1 /<br>maxLength: 20                          | Customs tariff number (HSCODE) applicable for the customs clearance gateway and/or sending country.                      |
| productCode                  | xs:string /<br>0 .. 1 /<br>maxLength: 255                         | Internal customer product code (for DPD DIRECT Servicecode 370).                                                         |
| productShortDescription      | xs:string /<br>0 .. 1 /<br>maxLength: 40                          | Short description of the product (for DPD DIRECT Servicecode 370).                                                       |
| unitPrice                    | xs:string /<br>0 .. 1 /<br>maxLength: 15                          | Price for a single item of an article.<br>QITEMS * UNITPRICE = CAMOUNTLINE<br>With two decimal places without separator. |
| customsAuthorizationNumber   | xs:string /<br>0 .. 1 /<br>maxLength: 35                          | In case of request for preferential origin regime, sender must provide customs authorization number.                     |
| proofOfOriginReferenceNumber | xs:string /<br>0 .. 1 /<br>maxLength: 35                          | In case of request for preferential origin regime, sender must provide reference number of proof of origin.              |
| proofOfOriginDate            | xs:string /<br>0 .. 1 /<br>maxLength: 20                          | In case of request for preferential origin regime, sender must provide date of proof of origin (format YYYYMMDD).        |
| proofOfOriginType            | xs:string /<br>0 .. 1 /<br>maxLength: 35                          | In case of request for preferential origin regime, sender must provide type of proof of origin.                          |
| preferentialOriginRequested  | boolean /<br>0 .. 1 /                                             | Flag indicating the explicit request from shipper to apply a preferential origin regime.                                 |

Namespace: types

## Complex Type: address

### Description

Bundles address data.

| Field name | Data type / Occurrence / Range                                              | Description                                                                                    |
|------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| name1      | xs:string /<br>1 .. 1 /<br>maxLength: 50                                    | Name of address owner. (The maximum length is 35)                                              |
| name2      | xs:string /<br>0 .. 1 /<br>maxLength: 35                                    | Second name of address owner.                                                                  |
| street     | xs:string /<br>1 .. 1 /<br>maxLength: 50                                    | Street of address owner. (The maximum length is 35)                                            |
| houseNo    | xs:string /<br>0 .. 1 /<br>maxLength: 8                                     | House number of address owner.                                                                 |
| state      | xs:string /<br>0 .. 1 /<br>length: 2                                        | State of address owner in ISO 3166-2 code (e.g. BY = Bayern).                                  |
| country    | xs:string /<br>1 .. 1 /<br>length: 2                                        | Country of address owner in ISO 3166-1 alpha-2 format (e.g. 'DE').                             |
| zipCode    | xs:string /<br>1 .. 1 /<br>maxLength: 9                                     | Zip code of address owner.                                                                     |
| city       | xs:string /<br>1 .. 1 /<br>maxLength: 50                                    | City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35. |
| gln        | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999<br>99999 | International Location Number (ILN) or Global Location Number (GLN) of address owner.          |

|                |                                                                                                                                                                                                                             |                                                                                                                                                                                                                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| customerNumber | xs:string /<br>0 .. 1 /<br>maxLength: 17                                                                                                                                                                                    | Customer number of address owner. Maximum length is 17 for consignment and pickup information, 11 for collection request. Mandatory for sender's address.                                                      |
| contact        | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                    | Contact person of address owner.                                                                                                                                                                               |
| phone          | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Phone number of address owner. Mandatory if phone is the chosen notification channel. If SMS notification is chosen, either mobile or phone must be filled.                                                    |
| mobile         | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Mobile phone number of address owner. If SMS notification is chosen, either mobile or phone must be filled.                                                                                                    |
| fax            | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Fax number of address owner. No required data format.                                                                                                                                                          |
| email          | xs:string /<br>0 .. 1 /<br>pattern: [w\p{L}!#\$%&'*/+<br>/=?^_`{}~]+(\.[w\p{L}!#\$<br>%&'*/+/?^_`{}~-]+)*@[w<br>]\p{L}-]*(\.[w\p{L}-]+)*<br>(\.[a-zA-Z][\a-zA-Z0-9]{0,<br>61}[a-zA-Z0-9])<br>minLength: 5<br>maxLength: 100 | The email address including at minimum one "@" character as a delimiter between addresser and domain.<br><br>The domain must include at minimum one "." as a delimiter between domain-name and domain-country. |
| comment        | xs:string /<br>0 .. 1 /<br>maxLength: 70                                                                                                                                                                                    | Comment on address owner.                                                                                                                                                                                      |
| iaccount       | xs:string /<br>0 .. 1 /<br>maxLength: 50                                                                                                                                                                                    | Account allocation or cost center (for VTG) of invoice data for consignments.                                                                                                                                  |

Namespace: types

**Complex Type: addressWithBusinessUnit**

**Description**

Bundles address data.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                                 |
|-------------------|-----------------------------------------------|--------------------------------------------------------------------|
| name1             | xs:string /<br>1 .. 1 /<br>maxLength: 50      | Name of address owner. (The maximum length is 35)                  |
| name2             | xs:string /<br>0 .. 1 /<br>maxLength: 35      | Second name of address owner.                                      |
| street            | xs:string /<br>1 .. 1 /<br>maxLength: 50      | Street of address owner. (The maximum length is 35)                |
| houseNo           | xs:string /<br>0 .. 1 /<br>maxLength: 8       | House number of address owner.                                     |
| state             | xs:string /<br>0 .. 1 /<br>length: 2          | State of address owner in ISO 3166-2 code (e.g. BY = Bayern).      |
| country           | xs:string /<br>1 .. 1 /<br>length: 2          | Country of address owner in ISO 3166-1 alpha-2 format (e.g. 'DE'). |

|                |                                                                                                                                                                                                                             |                                                                                                                                                                                                            |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| zipCode        | xs:string /<br>1 .. 1 /<br>maxLength: 9                                                                                                                                                                                     | Zip code of address owner.                                                                                                                                                                                 |
| city           | xs:string /<br>1 .. 1 /<br>maxLength: 50                                                                                                                                                                                    | City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35.                                                                                                             |
| gln            | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999<br>99999                                                                                                                                                | International Location Number (ILN) or Global Location Number (GLN) of address owner.                                                                                                                      |
| customerNumber | xs:string /<br>0 .. 1 /<br>maxLength: 17                                                                                                                                                                                    | Customer number of address owner. Maximum length is 17 for consignment and pickup information, 11 for collection request. Mandatory for sender's address.                                                  |
| contact        | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                    | Contact person of address owner.                                                                                                                                                                           |
| phone          | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Phone number of address owner. Mandatory if phone is the chosen notification channel. If SMS notification is chosen, either mobile or phone must be filled.                                                |
| mobile         | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Mobile phone number of address owner. If SMS notification is chosen, either mobile or phone must be filled.                                                                                                |
| fax            | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Fax number of address owner. No required data format.                                                                                                                                                      |
| email          | xs:string /<br>0 .. 1 /<br>pattern: [w\p{L}!#\$%&'+<br>/=/?^_`{}~]+(\.[w\p{L}!#\$<br>%&'+/=/?^_`{}~]+)*@[w<br>][w\p{L}-]*(\.[w\p{L}-]+)*<br>(\.[a-zA-Z][\a-zA-Z0-9]{0,<br>61}[a-zA-Z0-9])<br>minLength: 5<br>maxLength: 100 | The email address including at minimum one "@" character as a delimiter between addresser and domain.<br>The domain must include at minimum one "." as a delimiter between domain-name and domain-country. |

|              |                                                           |                                                                               |
|--------------|-----------------------------------------------------------|-------------------------------------------------------------------------------|
| comment      | xs:string /<br>0 .. 1 /<br>maxLength: 70                  | Comment on address owner.                                                     |
| iaccount     | xs:string /<br>0 .. 1 /<br>maxLength: 50                  | Account allocation or cost center (for VTG) of invoice data for consignments. |
| businessUnit | xs:string /<br>0 .. 1 /<br>pattern: [0-9]{3}<br>length: 3 | Business unit of address owner.                                               |

Namespace: types

### Complex Type: addressWithType

#### Description

Bundles address data.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                  |
|-------------------|-----------------------------------------------|-----------------------------------------------------|
| name1             | xs:string /<br>1 .. 1 /<br>maxLength: 50      | Name of address owner. (The maximum length is 35)   |
| name2             | xs:string /<br>0 .. 1 /<br>maxLength: 35      | Second name of address owner.                       |
| street            | xs:string /<br>1 .. 1 /<br>maxLength: 50      | Street of address owner. (The maximum length is 35) |
| houseNo           | xs:string /<br>0 .. 1 /<br>maxLength: 8       | House number of address owner.                      |



|                |                                                                             |                                                                                                                                                             |
|----------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| state          | xs:string /<br>0 .. 1 /<br>length: 2                                        | State of address owner in ISO 3166-2 code (e.g. BY = Bayern).                                                                                               |
| country        | xs:string /<br>1 .. 1 /<br>length: 2                                        | Country of address owner in ISO 3166-1 alpha-2 format (e.g. 'DE').                                                                                          |
| zipCode        | xs:string /<br>1 .. 1 /<br>maxLength: 9                                     | Zip code of address owner.                                                                                                                                  |
| city           | xs:string /<br>1 .. 1 /<br>maxLength: 50                                    | City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35.                                                              |
| gln            | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999<br>99999 | International Location Number (ILN) or Global Location Number (GLN) of address owner.                                                                       |
| customerNumber | xs:string /<br>0 .. 1 /<br>maxLength: 17                                    | Customer number of address owner. Maximum length is 17 for consignment and pickup information, 11 for collection request. Mandatory for sender's address.   |
| contact        | xs:string /<br>0 .. 1 /<br>maxLength: 35                                    | Contact person of address owner.                                                                                                                            |
| phone          | xs:string /<br>0 .. 1 /<br>maxLength: 30                                    | Phone number of address owner. Mandatory if phone is the chosen notification channel. If SMS notification is chosen, either mobile or phone must be filled. |
| mobile         | xs:string /<br>0 .. 1 /<br>maxLength: 30                                    | Mobile phone number of address owner. If SMS notification is chosen, either mobile or phone must be filled.                                                 |
| fax            | xs:string /<br>0 .. 1 /<br>maxLength: 30                                    | Fax number of address owner. No required data format.                                                                                                       |

|                 |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| email           | xs:string /<br>0 .. 1 /<br>pattern: [w\p{L}!#\$%&'*/<br>/= ?^_`{ } ~ - ] + ( \. [w\p{L}!#\$<br>%&'*/ = ?^_`{ } ~ - ] + ) * @ [w<br>][w\p{L} \ - ] * ( \. [w\p{L} \ - ] + ) *<br>( \. [a-zA-Z][\ - a-zA-Z0-9]{0,<br>61}[a-zA-Z0-9])<br>minLength: 5<br>maxLength: 100 | The email address including at minimum one "@" character as a delimiter between addresser and domain.<br>The domain must include at minimum one "." as a delimiter between domain-name and domain-country. |
| comment         | xs:string /<br>0 .. 1 /<br>maxLength: 70                                                                                                                                                                                                                             | Comment on address owner.                                                                                                                                                                                  |
| iaccount        | xs:string /<br>0 .. 1 /<br>maxLength: 50                                                                                                                                                                                                                             | Account allocation or cost center (for VTG) of invoice data for consignments.                                                                                                                              |
| businessUnit    | xs:string /<br>0 .. 1 /<br>pattern: [0-9]{3}<br>length: 3                                                                                                                                                                                                            | Business unit of address owner.                                                                                                                                                                            |
| addressType     | xs:string /<br>0 .. 1 /<br>PRV<br>COM                                                                                                                                                                                                                                | Address Type. Allowed values are:<br>PRV = Private customer<br>COM = Commercial customer                                                                                                                   |
| additionalInfo2 | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                                                             | Address line 2. Additional information about the address. Only necessary for certain receiving countries, e.g. ES.                                                                                         |
| additionalInfo3 | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                                                             | Address line 3. Additional information about the address. Only necessary for certain receiving countries, e.g. ES.                                                                                         |
| eori            | xs:string /<br>0 .. 1 /<br>maxLength: 20                                                                                                                                                                                                                             | European tax number.                                                                                                                                                                                       |
| vatNumber       | xs:string /<br>0 .. 1 /<br>maxLength: 20                                                                                                                                                                                                                             | VAT number.                                                                                                                                                                                                |

|            |                                          |                                                                                                   |
|------------|------------------------------------------|---------------------------------------------------------------------------------------------------|
| taxIdType  | xs:string /<br>0 .. 1 /<br>P<br>C        | Type of document. Allowed values are:<br>P = Passport Number<br>C = CNPJ (or CPF) Number (Brazil) |
| taxIdValue | xs:string /<br>0 .. 1 /<br>maxLength: 20 | Document information.                                                                             |

Namespace: types

### Complex Type: delivery

#### Description

Bundles delivery data.

| Field name | Data type /<br>Occurrence /<br>Range                                      | Description                                                                                                                              |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| day        | xs:string /<br>0 .. 1 /<br>maxLength: 20                                  | Allowed delivery days in the week (0 = Sunday, 1 = Monday etc.).<br>Comma separated list of the possible delivery days (e.g. "2,3,4,5"). |
| dateFrom   | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999         | Fixed delivery from date - format YYYYMMDD, e.g. 20080213.                                                                               |
| dateTo     | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999         | Fixed delivery to date - format YYYYMMDD, e.g. 20080213.                                                                                 |
| timeFrom   | xs:string /<br>0 .. 1 /<br>pattern: ([01]\d 2[0-3])([0-5]\d)<br>length: 4 | Time from which the consignee is available - format HHMM (local time recipient country), e.g. 1400 or 0830.                              |
| timeTo     | xs:string /<br>0 .. 1 /<br>pattern: ([01]\d 2[0-3])([0-5]\d)<br>length: 4 | Time until the consignee is available - format HHMM (local time recipient country), e.g. 1600 or 0930.                                   |

Namespace: types

## Complex Type: faultCodeType

### Description

Bundles fault code type data.

| Field name | Data type / Occurrence / Range | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| faultCode  | xs:string / 1 .. 1 /           | <p>Possible error codes are:</p> <p>SHIPPING_1 - Pickup address is unknown for customer,</p> <p>SHIPPING_2 - Parcel label print fails,</p> <p>COMMON_1 - Unexpected runtime error,</p> <p>COMMON_2 - Mandatory input field is empty,</p> <p>COMMON_3 - Length of data for field does not fit,</p> <p>COMMON_4 - Input data contains invalid special character,</p> <p>COMMON_5 - A swap parcel is ordered, but there is more than one parcel,</p> <p>COMMON_6 - Some input data field values result in an invalid combination,</p> <p>COMMON_7 - Input data contains invalid value,</p> <p>COMMON_8 - A field is to be stored in database, but there is not database field mapped for it,</p> <p>DATABASE_6 - Transfer state of order is to be changed but order is already committed,</p> <p>DATABASE_7 - Update fails on database level during order storing,</p> <p>DATABASE_8 - Delete fails on database level during rollback after some other error,</p> <p>DATABASE_21 - Order is to be inserted in database, but has already a database id,</p> <p>DATABASE_22 - Order is to be committed after inserting, but there is no database id for update given,</p> <p>DATABASE_24 - Feletion is necessary because of some other error, but no database id for record is given,</p> <p>MPSEXP_1 - Parcel label number is already in use,</p> <p>ROUTING_1 - No route could be found for depot and feature,</p> <p>ROUTING_2 - Invalid input data,</p> <p>ROUTING_3 - The connection to the database failed,</p> <p>ROUTING_4 - An internal failure occurs,</p> |

|         |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                         | ROUTING_5 - No depot could be found,<br>ROUTING_6 - No pickup date was given,<br>ROUTING_7 - Internal extension rule error,<br>ROUTING_8 - Malformed zip code,<br>ROUTING_9 - Missing country code,<br>ROUTING_10 - Missing routing place,<br>ROUTING_11 - Missing service code,<br>ROUTING_12 - Routing place error,<br>ROUTING_13 - Sending date error,<br>ROUTING_14 - Service code error,<br>ROUTING_15 - Invalid relation of service codes,<br>ROUTING_16 - Unknown country code,<br>ROUTING_17 - Unknown destination depot,<br>ROUTING_18 - Unknown zip code,<br>ROUTING_19 - Unknown routing place,<br>ROUTING_20 - Unknown service code,<br>ROUTING_21 - Invalid service code,<br>ROUTING_21 - Parcel is labelled as return parcel<br>but returns is not possible,<br>ROUTING_22 - Missing allow,<br>ROUTING_23 - Missing routing place or destination<br>depot. |
| message | xs:string /<br>1 .. 1 / | Message with detailed information for the fault (e.g.<br>incorrect field).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Namespace: types

## Complex Type: generalShipmentData

### Description

Bundles general shipment data.

| <i>Field name</i>           | <i>Data type / Occurrence / Range</i>    | <i>Description</i>                                                                                                                                                                                                                             |
|-----------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| mpsId                       | xs:string /<br>0 .. 1 /<br>maxLength: 25 | The shipment number for consignment data.<br>The shipment number is only accepted if the parcel label number is allocated by customer.<br>It starts with one of "MPS", "EXP" or "B2C", the last eight ciphers are the date in format YYYYMMDD. |
| cUser                       | xs:string /<br>0 .. 1 /<br>maxLength: 10 | User ID of the person who made the entry.                                                                                                                                                                                                      |
| mpsCustomerReferenceNumber1 | xs:string /<br>0 .. 1 /<br>maxLength: 50 | Consignment customer reference number 1 (maximal length 35),<br>also customer reference number for collection request orders (maximal length 50).                                                                                              |
| mpsCustomerReferenceNumber2 | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Consignment customer reference number 2.                                                                                                                                                                                                       |
| mpsCustomerReferenceNumber3 | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Consignment customer reference number 3.                                                                                                                                                                                                       |
| mpsCustomerReferenceNumber4 | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Consignment customer reference number 4.                                                                                                                                                                                                       |

|                              |                                                                                 |                                                                                                                                                                                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| mpsBillReference<br>Number   | xs:string /<br>0 .. 1 /<br>maxLength: 35                                        | Customer reference for billing or clearing.                                                                                                                                                                                                                                                           |
| identificationNumber         | xs:string /<br>0 .. 1 /<br>maxLength: 999                                       | Serves as unique alphanumeric key of the shipment<br>used by customer.                                                                                                                                                                                                                                |
| sendingDepot                 | xs:string /<br>1 .. 1 /<br>pattern: [0-9]{4}<br>length: 4                       | Sending depot for consignment, ordering depot for<br>collection request,<br>customer's depot for pickup information or creating/<br>sending depot for dangerous goods.<br>Four alphanumeric positions, including leading<br>zeros, e.g. 0163.                                                         |
| product                      | xs:string /<br>1 .. 1 /<br>CL<br>E830<br>E12<br>E18<br>IE2<br>PL<br>MAIL<br>MAX | Selection of product, exactly one per shipment,<br>mandatory for consignment data. Possible values<br>are:<br>CL = DPD CLASSIC<br>E830 = DPD 8:30<br>E12 = DPD 12:00<br>E18 = DPD 18:00<br>IE2 = DPD Express International<br>PL = DPD PARCELletter<br>MAIL = DPD International Mail<br>MAX = DPD MAX |
| mpsCompleteDelivery          | xs:boolean /<br>0 .. 1 /                                                        | Specifies if this shipment should be sent as<br>complete delivery. Default value is false.                                                                                                                                                                                                            |
| mpsCompleteDelivery<br>Label | xs:boolean /<br>0 .. 1 /                                                        | Specifies if the label for complete delivery is printed<br>for pickup. Default value is false.                                                                                                                                                                                                        |
| mpsVolume                    | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999              | Volume per consignment in cm3 (without positions<br>after the decimal point).                                                                                                                                                                                                                         |
| mpsWeight                    | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999              | Shipment weight in grams rounded in 10 gram units<br>without decimal point (e.g. 300 equals 3kg).                                                                                                                                                                                                     |

|                        |                                                                                                                         |                                                                                                                                                                                                                                                      |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| mpsExpectedSendingDate | xs:string /<br>0 .. 1 /<br>pattern: [2][0-9]{3}([0][0-9][1][0-2])(0[1-9][12][0-9]3[01])                                 | Date when the shipment is expected to be transferred to the system. Format is YYYYMMDD.                                                                                                                                                              |
| mpsExpectedSendingTime | xs:string /<br>0 .. 1 /<br>pattern: (([1][0-9][2][0-3][0][0-9])([0-5][0-9])([0-5][0-9]))([0-9]([0-5][0-9])([0-5][0-9])) | Time when the shipment is expected to be transferred to the system. Format is HHMMSS.                                                                                                                                                                |
| sender                 | types:senderAddress /<br>0 .. 1 /                                                                                       | Consignment sender's address, collection request customer's address or pickup information customer's address.                                                                                                                                        |
| recipient              | types:addressWithType /<br>0 .. 1 /                                                                                     | Address of the recipient. For parcel shop delivery address of the real recipient.                                                                                                                                                                    |
| returnAddress          | types:returnAddress /<br>0 .. 1 /                                                                                       | Return address in the event of unsuccessful delivery.                                                                                                                                                                                                |
| softwareVersion        | xs:string /<br>0 .. 1 /<br>maxLength: 50                                                                                | Name and version of Client-Software.                                                                                                                                                                                                                 |
| crossBorderType        | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 2                                                              | Type of shipment in cross-border context<br>0 = International standard process. The package crosses a border or sender and recipient are located outside Germany.<br>1 = Direct Injection<br>2 = Direct Infeed<br>Otherwise the field is left blank. |



Namespace: types

## Complex Type: hazardous

### Description

Bundles hazardous materials data.

| Field name          | Data type / Occurrence / Range                                                                                                                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| identificationUnNo  | xs:string /<br>1 .. 1 /<br>length: 4                                                                                                            | Declares UN number of hazardous substance. UN numbers range between 0004 and 9004.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| identificationClass | xs:string /<br>1 .. 1 /<br>maxLength: 6                                                                                                         | Declares class of hazardous substance. Possible values range from 1 to 9. Subclasses are specified as position after decimal point (e.g. class 1 is "explosives", class 1.6 is "extremely insensitive explosives").                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| classificationCode  | xs:string /<br>0 .. 1 /<br>maxLength: 5                                                                                                         | Declares classification code of hazardous substance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| packingGroup        | xs:string /<br>0 .. 1 /<br>maxLength: 5                                                                                                         | Declares packing group of hazardous substance. Valid values are "I", "II" and "III".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| packingCode         | xs:string /<br>1 .. 1 /<br>0A<br>0A1<br>0A2<br>1A<br>1A1<br>1A2<br>1B<br>1B1<br>1B2<br>1H<br>1H1<br>1H2<br>3A<br>3A1<br>3A2<br>3B<br>3B1<br>3B2 | Declares packing code.<br>Possible values are:<br>0A = Thin sheet packing,<br>0A1 = Thin sheet packing with non removable head,<br>0A2 = Thin sheet packing with removable head,<br>1A = Steel barrel,<br>1A1 = Steel barrel with non removable head,<br>1A2 = Steel barrel with removable head,<br>1B = Aluminium barrel,<br>1B1 = Aluminium barrel with non removable head,<br>1B2 = Aluminium barrel with removable head,<br>1H = Plastics barrel,<br>1H1 = Plastics barrel with non removable head,<br>1H2 = Plastics barrel with removable head,<br>3A = Steel canister,<br>3A1 = Steel canister with non removable head,<br>3A2 = Steel canister with removable head,<br>3B = Aluminium canister,<br>3B1 = Aluminium canister with non removable head,<br>3B2 = Aluminium canister with removable head, |

|                       |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | 3H<br>3H1<br>3H2<br>4A<br>4B<br>4D<br>4G<br>4H<br>4H1<br>4H2<br>5H<br>5M<br>6H | 3H = Plastics canister,<br>3H1 = Plastics canister with non removable head,<br>3H2 = Plastics canister with removable head,<br>4A = Steel crates,<br>4B = Aluminium crate,<br>4D = Plywood crate,<br>4G = Cardboard crate,<br>4H = Plastics crate,<br>4H1 = Plastics crate plastics expanded,<br>4H2 = Plastics crate plastics solid,<br>5H = Plastics bags,<br>5M = Paper bags,<br>6H = Combination packings. |
| description           | xs:string /<br>1 .. 1 /<br>maxLength: 160                                      | Description of hazardous substance (redundant).                                                                                                                                                                                                                                                                                                                                                                |
| subsidiaryRisk        | xs:string /<br>0 .. 1 /<br>maxLength: 10                                       | Subsidiary risk of hazardous substance (redundant).                                                                                                                                                                                                                                                                                                                                                            |
| tunnelRestrictionCode | xs:string /<br>0 .. 1 /<br>A<br>B<br>C<br>D<br>E<br>-                          | Tunnel restriction code of hazardous substance.<br>Possible values are "A", "B", "C", "D", "E" or "-".                                                                                                                                                                                                                                                                                                         |
| hazardousWeight       | xs:int /<br>1 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999                | Weight of hazardous substance in grams rounded in 10 gram units without decimal point (e.g. 300 equals 3kg). Consignment allows 6-digit values.                                                                                                                                                                                                                                                                |
| netWeight             | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999                | Net Weight of the explosive mass of this hazardous substance in 1 gram units without decimal point (e.g. 3000 equals 3kg). Consignment allows 6-digit values.                                                                                                                                                                                                                                                  |

|                       |                                                              |                                                                        |
|-----------------------|--------------------------------------------------------------|------------------------------------------------------------------------|
| factor                | xs:int /<br>1 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999 | Factor of hazardous substance (redundant), 999 means unlimited.        |
| notOtherwiseSpecified | xs:string /<br>0 .. 1 /<br>maxLength: 150                    | A not otherwise specified text which is mandatory for some substances. |
| additionalInfo        | xs:string /<br>0 .. 1 /<br>maxLength: 150                    | Additional information about the hazardous substance.                  |

Namespace: types

## Complex Type: higherInsurance

### Description

Bundles data for higher insurance.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i>                            | <i>Description</i>                                                           |
|-------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------|
| amount            | xs:long /<br>1 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999<br>99 | Increased insurance value with 2 decimal point positions without separators. |
| currency          | xs:string /<br>1 .. 1 /<br>length: 3                                     | Currency code for increased insurance in format ISO 4217 alpha 3.            |

Namespace: types

## Complex Type: international

### Description

Bundles express international data.

| Field name            | Data type / Occurrence / Range                                                | Description                                                                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| parcelType            | xs:boolean /<br>0 .. 1 /                                                      | Specifies if the type of this parcel is "Documents" (allowed for air based destination only), not by default.                                                                                                                                                                             |
| customsAmount         | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999<br>999999 | Declared customs amount (in invoice currency) in total with two decimal digits without separator (e.g. 14.00 = 1400), for "Documents" it is set to >= 0.                                                                                                                                  |
| customsCurrency       | xs:string /<br>0 .. 1 /<br>length: 3                                          | Invoice currency code in ISO 4217 alpha 3 format.                                                                                                                                                                                                                                         |
| customsAmountExport   | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999<br>999999 | Converted customs amount (in export currency) in total with two decimal digits without separator (14, 00 = 1400), for "Documents" it is set to >= 0.                                                                                                                                      |
| customsCurrencyExport | xs:string /<br>0 .. 1 /<br>length: 3                                          | Export currency code in ISO 4217 alpha 3 format.                                                                                                                                                                                                                                          |
| customsPaper          | xs:string /<br>0 .. 1 /<br>maxLength: 20                                      | Declares accompanying documents without separator (e.g. "ABG"), composed by following values:<br>A = Commercial invoice,<br>B = Pro forma invoice,<br>C = Export declaration,<br>D = EUR1,<br>E = EUR2,<br>F = ATR,<br>G = Delivery note,<br>H = Third party billing,<br>I = T1 document. |

|                             |                                                                   |                                                                                               |
|-----------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| customsEnclosure            | xs:boolean /<br>0 .. 1 /                                          | Specifies if the accompanying documents are at the parcel or not (not by default).            |
| customsInvoice              | xs:string /<br>0 .. 1 /<br>maxLength: 20                          | Declares the invoice number.                                                                  |
| customsInvoiceDate          | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999 | Declares the invoice date in format YYYYMMDD.                                                 |
| customsOrder                | xs:string /<br>0 .. 1 /<br>maxLength: 25                          | Central customs order number for collective customs clearance.                                |
| linehaul                    | xs:string /<br>0 .. 1 /<br>AI<br>RO                               | Declares mode of line haul, possible values are "AI" for Air or "RO" for Road.                |
| collectiveCustoms Clearance | xs:boolean /<br>0 .. 1 /                                          | Flag for determining collective customs clearance. Default value is false.                    |
| invoicePosition             | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999   | Declares the invoice position.                                                                |
| comment1                    | xs:string /<br>0 .. 1 /<br>maxLength: 70                          | Comment.                                                                                      |
| comment2                    | xs:string /<br>0 .. 1 /<br>maxLength: 70                          | Second comment.                                                                               |
| numberOfArticle             | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99       | Real number of commodities. The number of additionalInvoiceLines must be equal to this value. |

|                                |                                                       |                                                                                                                                                                |
|--------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| countryRegistration<br>Number  | xs:string /<br>0 .. 1 /<br>maxLength: 15              | Destination country registration information:<br>Registration number or FDA.                                                                                   |
| reasonForExport                | xs:string /<br>0 .. 1 /<br>01<br>02<br>03             | Reason for export:<br>01 = Sale<br>02 = Return/Replacement<br>03 = Gift<br>Default = 01                                                                        |
| commercialInvoice<br>Consignee | types:invoiceConsignee<br>Address /<br>0 .. 1 /       | Contains address data of commercial invoice<br>consignee.                                                                                                      |
| commercialInvoice<br>Consignor | types:invoiceConsignor<br>Address /<br>0 .. 1 /       | Contains address data of commercial invoice<br>consignor.                                                                                                      |
| additionalInvoiceLines         | types:additionalInvoice<br>Line /<br>0 .. 99 /        | Contains additional invoice lines.                                                                                                                             |
| clearanceCleared               | xs:string /<br>0 .. 1 /<br>N<br>F<br>E<br>T<br>I<br>H | (N)o<br>(F)ree<br>(E)xport cleared<br>(T)ransit cleared<br>(I)mport cleared<br>(H)ybrid<br>Must always be filled with "F" for collective customs<br>clearance. |
| exportMrn                      | xs:string /<br>0 .. 1 /<br>maxLength: 20              | MRN of the electronic export declaration.                                                                                                                      |
| originalExportMrn              | xs:string /<br>0 .. 1 /<br>maxLength: 20              | To use in case of return.<br>Contains initial export MRN, so that return customs<br>procedure may be applied instead of import<br>customs procedure.           |
| incoterm                       | xs:string /<br>0 .. 1 /<br>EXW<br>DAP<br>DDP          | Incoterm on commercial invoice, as defined by<br>International Chamber of Commerce (ICC)<br>EXW = Ex Works<br>DAP<br>DDP                                       |

|                              |                                             |                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| incotermLocationTown         | xs:string /<br>0 .. 1 /<br>maxLength: 35    | Incoterm city of location, as defined by International Chamber of Commerce (ICC).<br>Depending on the incoterm, it can be place of delivery, destination, port of destination, etc.                                                                                                                                                                           |
| incotermLocationCountry Code | xs:string /<br>0 .. 1 /<br>maxLength: 3     | Incoterm country of location, as defined by International Chamber of Commerce (ICC).<br>Depending on the incoterm, can be place of delivery, destination, port of destination... ) All three ISO 3166 standards will be accepted:<br>- ISO 3166-1: 2 Alphanumeric Characters<br>- ISO 3166-1: 3 Alphanumeric Characters<br>- ISO 3166-1: 3 Numeric Characters |
| paymentTerm                  | xs:string /<br>0 .. 1 /<br>A<br>B<br>C<br>D | A = Customs duties and taxes are borne by the recipient (DAP)<br>B = Customs duties and taxes are borne by the sender (eDAP)<br>C = Customs duties are borne by the sender, taxes by the recipient<br>D = Customs duties are borne by the recipient, taxes by the sender                                                                                      |
| packagingCost                | xs:string /<br>0 .. 1 /<br>maxLength: 15    | Corresponds to packaging cost on commercial invoice.                                                                                                                                                                                                                                                                                                          |
| packagingCostCurrency        | xs:string /<br>0 .. 1 /<br>length: 3        | Corresponds to packaging cost currency on commercial invoice.                                                                                                                                                                                                                                                                                                 |
| shippingCost                 | xs:string /<br>0 .. 1 /<br>maxLength: 15    | Corresponds to the shipping costs on the commercial invoice, with two decimal places without separators.                                                                                                                                                                                                                                                      |
| shippingCostCurrency         | xs:string /<br>0 .. 1 /<br>length: 3        | Corresponds to shipping cost currency on commercial invoice.                                                                                                                                                                                                                                                                                                  |
| insuranceCost                | xs:string /<br>0 .. 1 /<br>maxLength: 15    | Corresponds to the insurance costs on the commercial invoice.                                                                                                                                                                                                                                                                                                 |
| insuranceCostCurrency        | xs:string /<br>0 .. 1 /<br>length: 3        | Corresponds to insurance cost currency on commercial invoice.                                                                                                                                                                                                                                                                                                 |

Namespace: types

## Complex Type: invoiceConsigneeAddress

### Description

Bundles address data.

| Field name | Data type /<br>Occurrence /<br>Range     | Description                                                                                    |
|------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| name1      | xs:string /<br>1 .. 1 /<br>maxLength: 50 | Name of address owner. (The maximum length is 35)                                              |
| name2      | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Second name of address owner.                                                                  |
| street     | xs:string /<br>1 .. 1 /<br>maxLength: 50 | Street of address owner. (The maximum length is 35)                                            |
| houseNo    | xs:string /<br>0 .. 1 /<br>maxLength: 8  | House number of address owner.                                                                 |
| state      | xs:string /<br>0 .. 1 /<br>length: 2     | State of address owner in ISO 3166-2 code (e.g. BY = Bayern).                                  |
| country    | xs:string /<br>1 .. 1 /<br>length: 2     | Country of address owner in ISO 3166-1 alpha-2 format (e.g. 'DE').                             |
| zipCode    | xs:string /<br>1 .. 1 /<br>maxLength: 9  | Zip code of address owner.                                                                     |
| city       | xs:string /<br>1 .. 1 /<br>maxLength: 50 | City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35. |



|                |                                                                                                                                                                                                                                    |                                                                                                                                                                                                            |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| gln            | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999<br>99999                                                                                                                                                        | International Location Number (ILN) or Global Location Number (GLN) of address owner.                                                                                                                      |
| customerNumber | xs:string /<br>0 .. 1 /<br>maxLength: 17                                                                                                                                                                                           | Customer number of address owner. Maximum length is 17 for consignment and pickup information, 11 for collection request. Mandatory for sender's address.                                                  |
| contact        | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                           | Contact person of address owner.                                                                                                                                                                           |
| phone          | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                           | Phone number of address owner. Mandatory if phone is the chosen notification channel. If SMS notification is chosen, either mobile or phone must be filled.                                                |
| mobile         | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                           | Mobile phone number of address owner. If SMS notification is chosen, either mobile or phone must be filled.                                                                                                |
| fax            | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                           | Fax number of address owner. No required data format.                                                                                                                                                      |
| email          | xs:string /<br>0 .. 1 /<br>pattern: [\w\p{L}!#\$%&'*/+<br>/=?^_`{ }~-]+\.[\w\p{L}!#\$<br>%&'*/+/?^_`{ }~-]+)*@[\w<br>][\w\p{L}\-]*\.[\w\p{L}\-]*<br>\.[a-zA-Z][\a-zA-Z0-9]{0,<br>61}[a-zA-Z0-9])<br>minLength: 5<br>maxLength: 100 | The email address including at minimum one "@" character as a delimiter between addresser and domain.<br>The domain must include at minimum one "." as a delimiter between domain-name and domain-country. |
| comment        | xs:string /<br>0 .. 1 /<br>maxLength: 70                                                                                                                                                                                           | Comment on address owner.                                                                                                                                                                                  |

|              |                                                           |                                                                               |
|--------------|-----------------------------------------------------------|-------------------------------------------------------------------------------|
| iaccount     | xs:string /<br>0 .. 1 /<br>maxLength: 50                  | Account allocation or cost center (for VTG) of invoice data for consignments. |
| businessUnit | xs:string /<br>0 .. 1 /<br>pattern: [0-9]{3}<br>length: 3 | Business unit of address owner.                                               |
| eori         | xs:string /<br>0 .. 1 /<br>maxLength: 20                  | European tax number.                                                          |
| vatNumber    | xs:string /<br>0 .. 1 /<br>maxLength: 20                  | VAT number.                                                                   |

Namespace: types

### Complex Type: invoiceConsignorAddress

#### Description

Bundles address data.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                |
|-------------------|-----------------------------------------------|---------------------------------------------------|
| name1             | xs:string /<br>1 .. 1 /<br>maxLength: 50      | Name of address owner. (The maximum length is 35) |
| name2             | xs:string /<br>0 .. 1 /<br>maxLength: 35      | Second name of address owner.                     |

|                |                                                                             |                                                                                                                                                           |
|----------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| street         | xs:string /<br>1 .. 1 /<br>maxLength: 50                                    | Street of address owner. (The maximum length is 35)                                                                                                       |
| houseNo        | xs:string /<br>0 .. 1 /<br>maxLength: 8                                     | House number of address owner.                                                                                                                            |
| state          | xs:string /<br>0 .. 1 /<br>length: 2                                        | State of address owner in ISO 3166-2 code (e.g. BY = Bayern).                                                                                             |
| country        | xs:string /<br>1 .. 1 /<br>length: 2                                        | Country of address owner in ISO 3166-1 alpha-2 format (e.g. 'DE').                                                                                        |
| zipCode        | xs:string /<br>1 .. 1 /<br>maxLength: 9                                     | Zip code of address owner.                                                                                                                                |
| city           | xs:string /<br>1 .. 1 /<br>maxLength: 50                                    | City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35.                                                            |
| gln            | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999<br>99999 | International Location Number (ILN) or Global Location Number (GLN) of address owner.                                                                     |
| customerNumber | xs:string /<br>0 .. 1 /<br>maxLength: 17                                    | Customer number of address owner. Maximum length is 17 for consignment and pickup information, 11 for collection request. Mandatory for sender's address. |

|          |                                                                                                                                                                                                                             |                                                                                                                                                                                                            |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| contact  | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                    | Contact person of address owner.                                                                                                                                                                           |
| phone    | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Phone number of address owner. Mandatory if phone is the chosen notification channel. If SMS notification is chosen, either mobile or phone must be filled.                                                |
| mobile   | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Mobile phone number of address owner. If SMS notification is chosen, either mobile or phone must be filled.                                                                                                |
| fax      | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                    | Fax number of address owner. No required data format.                                                                                                                                                      |
| email    | xs:string /<br>0 .. 1 /<br>pattern: [w\p{L}!#\$%&'*/+<br>/=?^_`{ }~-]+\.[w\p{L}!#\$<br>%&'*/+/?^_`{ }~-]*@[w<br>][w\p{L}\-]*\.[w\p{L}\-]*<br>\.[a-zA-Z][\a-zA-Z0-9]{0,<br>61}[a-zA-Z0-9])<br>minLength: 5<br>maxLength: 100 | The email address including at minimum one "@" character as a delimiter between addresser and domain.<br>The domain must include at minimum one "." as a delimiter between domain-name and domain-country. |
| comment  | xs:string /<br>0 .. 1 /<br>maxLength: 70                                                                                                                                                                                    | Comment on address owner.                                                                                                                                                                                  |
| iaccount | xs:string /<br>0 .. 1 /<br>maxLength: 50                                                                                                                                                                                    | Account allocation or cost center (for VTG) of invoice data for consignments.                                                                                                                              |
| eori     | xs:string /<br>0 .. 1 /<br>maxLength: 20                                                                                                                                                                                    | European tax number.                                                                                                                                                                                       |

Namespace: types

## Complex Type: notification

### Description

Bundles notification data.

| <i>Field name</i> | <i>Data type / Occurrence / Range</i>     | <i>Description</i>                                                                                    |
|-------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|
| channel           | xs:int /<br>1 .. 1 /<br>1<br>2<br>3       | Declares channel of notification.<br>Possible values are:<br>1 = Email,<br>2 = Telephone,<br>3 = SMS. |
| value             | xs:string /<br>1 .. 1 /<br>maxLength: 100 | Value for the chosen channel, i.e. the phone number or the e-mail address.                            |
| language          | xs:string /<br>0 .. 1 /<br>length: 2      | Language of the notification in ISO 3166-1 alpha-2 format (e.g. 'DE').                                |

Namespace: types

## Complex Type: parcel

### Description

Bundles parcel data.

| <i>Field name</i> | <i>Data type / Occurrence / Range</i>    | <i>Description</i>                                          |
|-------------------|------------------------------------------|-------------------------------------------------------------|
| parcelLabelNumber | xs:string /<br>0 .. 1 /<br>minLength: 11 | Parcel label number. Number range and validity are checked. |

|                            |                                                                          |                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | maxLength: 14                                                            |                                                                                                                                                                                          |
| customerReferenceNumber1   | xs:string /<br>0 .. 1 /<br>maxLength: 35                                 | Parcel customer reference number 1.                                                                                                                                                      |
| customerReferenceNumber2   | xs:string /<br>0 .. 1 /<br>maxLength: 35                                 | Parcel customer reference number 2.                                                                                                                                                      |
| customerReferenceNumber3   | xs:string /<br>0 .. 1 /<br>maxLength: 35                                 | Parcel customer reference number 3.                                                                                                                                                      |
| customerReferenceNumber4   | xs:string /<br>0 .. 1 /<br>maxLength: 35                                 | Parcel customer reference number 4.                                                                                                                                                      |
| swap                       | xs:boolean /<br>0 .. 1 /                                                 | Specifies if this parcel is a consignment swap parcel. Default value is false.                                                                                                           |
| volume                     | xs:int /<br>0 .. 1 /<br>minInclusive: 1001001<br>maxInclusive: 999999999 | Volume of single parcel (length/width/height in format LLLWWWHHH) in cm without separators.                                                                                              |
| weight                     | xs:int /<br>1 .. 1 /<br>minInclusive: 1<br>maxInclusive: 99999999        | Parcel weight in grams rounded in 10 gram units without decimal point (e.g. 300 equals 3kg). Consignment allows 8-digit values, collection requests 7-digit and dangerous goods 6-digit. |
| hazardousLimitedQuantities | xs:boolean /<br>0 .. 1 /                                                 | Specifies if this parcel is a limited quantities hazardous goods parcel. Default value is false.                                                                                         |
| higherInsurance            | types:higherInsurance /<br>0 .. 1 /                                      | Specifies if this parcel has increased insurance value. Default value is false.                                                                                                          |
| content                    | xs:string /<br>0 .. 1 /<br>maxLength: 50                                 | Content of this parcel, only used for higher insurance or collection request, mandatory for higher insurance.<br>For collection requests maximum length is 50, for consignment it is 35. |
| addService                 | xs:int /<br>0 .. 1 /<br>minInclusive: 1                                  | Additional service.<br>Possible values are:<br>1 = Delivery information,                                                                                                                 |

|                         |                                                                                           |                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | maxInclusive: 8                                                                           | 2 = Documents return,<br>3 = Written permission to deposit goods by sender,<br>4 = Department delivery,<br>5 = Online permission to deposit goods,<br>6 = Parcel box,<br>7 = Information at indoor scanning,<br>8 = Locking out-for-delivery.                                                                                              |
| messageNumber           | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999                            | Message number for consignment shipper information. Default value is 1.                                                                                                                                                                                                                                                                    |
| function                | xs:string /<br>0 .. 1 /<br>LOCKDZB<br>LOCKASG<br>LOCKEVM<br>LOCKSHOP<br>LOCKTV<br>LOCKZBK | Blockable functions.<br>Possible values are:<br>LOCKDZB = Delivery to a third party with notification of delivery,<br>LOCKASG = Written permission to deposit goods,<br>LOCKEVM = Delivery with non-recurring authority,<br>LOCKSHOP = Parcel shop,<br>LOCKTV = Appointment,<br>LOCKZBK = Delivery to mail-/parcelbox (without signature). |
| parameter               | xs:string /<br>0 .. 1 /<br>maxLength: 300                                                 | Free text for blockable functions.                                                                                                                                                                                                                                                                                                         |
| hazardous               | types:hazardous /<br>0 .. 4 /                                                             | Contains packing and substance data for dangerous goods.                                                                                                                                                                                                                                                                                   |
| printInfo1OnParcelLabel | xs:boolean /<br>0 .. 1 /                                                                  | Flag for determining if content of parameter info1 will be added on the label of a collection request parcel. Default value is false.                                                                                                                                                                                                      |
| info1                   | xs:string /<br>0 .. 1 /<br>maxLength: 29                                                  | Information text 1. This will be printed on the parcel label if the flag printInfo1OnParcellabel is set to true.                                                                                                                                                                                                                           |
| info2                   | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                  | Information text 2. This will not be printed on the parcel label.                                                                                                                                                                                                                                                                          |
| returns                 | xs:boolean /<br>0 .. 1 /                                                                  | Specifies if parcel is a return parcel. Default value is false.                                                                                                                                                                                                                                                                            |

|             |                                          |                                                                             |
|-------------|------------------------------------------|-----------------------------------------------------------------------------|
| parcelClass | xs:string /<br>0 .. 1 /<br>maxLength: 50 | Parcel class. See Parcelclass in MPSEXPDATA specification for valid values. |
|-------------|------------------------------------------|-----------------------------------------------------------------------------|

Namespace: types

## Complex Type: parcelInformationType

### Description

Bundles parcel information type data.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                                                                                                   |
|-------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| parcelLabelNumber | xs:string /<br>0 .. 1 /                       | The parcel label number of the corresponding parcel.                                                                                 |
| dpdReference      | xs:string /<br>0 .. 1 /                       | The DPD reference for this parcel.                                                                                                   |
| output            | types:OutputType /<br>0 .. * /                | The content for the parcel.<br>PDF, BARCODE_IMAGE, MULTIPAGE_IMAGE,<br>PKPASS as file output; ZPL and ZPL300 for direct<br>printing. |



Namespace: types

## Complex Type: parcelShopDelivery

### Description

Bundles parcel shop delivery data.

| Field name             | Data type /<br>Occurrence /<br>Range                                             | Description                                                                       |
|------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| parcelShopId           | xs:long /<br>0 .. 1 /<br>minInclusive: 1<br>maxInclusive: 999999999<br>999999999 | Parcel shop ID for parcel shop delivery. Can be obtained from parcel shop finder. |
| parcelShopPudold       | xs:string /<br>0 .. 1 /<br>maxLength: 20                                         | ID of PUDO point.                                                                 |
| parcelShopNotification | types:notification /<br>1 .. 1 /                                                 | Contains data for personal notification for parcel shop consignments.             |

Namespace: types

## Complex Type: personalDelivery

### Description

Bundles personal delivery data.

| Field name | Data type / Occurrence / Range                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| type       | xs:int /<br>1 .. 1 /<br>minInclusive: 1<br>maxInclusive: 5 | Declares type of personal delivery.<br>Possible values are:<br>1 = Department delivery (without personal identification),<br>2 = Personal delivery with personal identification (ID-Check),<br>3 = Personal delivery without personal identification at drop point (e.g. parcel shop),<br>4 = Personal delivery with personal identification at drop point (e.g. parcel shop),<br>5 = Personal delivery with personal identification at drop point plus ID-Check (e.g. parcel shop).<br>For parcel shop delivery the parcel shop id must be declared in productAndServiceData. It can be obtained from parcel shop finder. |
| floor      | xs:string /<br>0 .. 1 /<br>maxLength: 30                   | Floor where the personal delivery should take place. This field is only used for department delivery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| building   | xs:string /<br>0 .. 1 /<br>maxLength: 30                   | Building where the personal delivery should take place. This field is only used for department delivery (type 1).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| department | xs:string /<br>0 .. 1 /<br>maxLength: 30                   | Department where the personal delivery should take place. This field is only used for department delivery (type 1).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| name       | xs:string /<br>0 .. 1 /<br>maxLength: 35                   | Name of the person authorised to accept the consignment. This field is only used for delivery with ID-Check (types 2 and 5).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| phone      | xs:string /<br>0 .. 1 /<br>maxLength: 30                   | Telephone number of the person authorised to accept the consignment. This field is only used for delivery with ID-Check (types 2 and 5).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| personId   | xs:string /<br>0 .. 1 /<br>maxLength: 35                   | Personal identification number of the person authorised to accept the consignment. This field is only used for delivery with ID-Check (types 2 and 5).                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Namespace: types

## Complex Type: pickup

### Description

Bundles pickup data.

| Field name | Data type / Occurrence / Range                                               | Description                                                                                                                                                                                                                                                              |
|------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| tour       | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999                 | Tour number (between 000 and 999).                                                                                                                                                                                                                                       |
| quantity   | xs:int /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999               | Quantity of pickup parcels. Mandatory for consignment.                                                                                                                                                                                                                   |
| date       | xs:string /<br>0 .. 1 /<br>pattern: \d{4}(0[1-9] 1[0-2])(0[1-9] 12)\d{3}[01] | Pickup date in consignments and collection requests. The collection day for advice customers. The from date for pickup information. Format is YYYYMMDD.<br>It can also be used as pickup date for collection requests, then format is YYMMDD. Mandatory for consignment. |
| fromTime1  | xs:string /<br>0 .. 1 /<br>pattern: ([01]\d 2[0-3])([0-5]\d)<br>length: 4    | From time 1 for consignments and pickup information. Format is HHMM.                                                                                                                                                                                                     |
| toTime1    | xs:string /<br>0 .. 1 /<br>pattern: ([01]\d 2[0-3])([0-5]\d)<br>length: 4    | Until time 1 for consignments and pickup information. Format is HHMM.                                                                                                                                                                                                    |

|                              |                                                                          |                                                                                                                                                                                                           |
|------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| fromTime2                    | xs:string /<br>0 .. 1 /<br>pattern: ([01]\d2[0-3])([0-5]\d)<br>length: 4 | From time 2 for consignments and pickup information. Format is HHMM.                                                                                                                                      |
| toTime2                      | xs:string /<br>0 .. 1 /<br>pattern: ([01]\d2[0-3])([0-5]\d)<br>length: 4 | Until time 2 for consignments and pickup information. Format is HHMM.                                                                                                                                     |
| extraPickup                  | xs:int /<br>0 .. 1 /<br>minInclusive: 1<br>maxInclusive: 2               | Determines whether an extra pickup tour is created for this shipment with express service.<br>Possible values are:<br>1 = Extra pickup without express service,<br>2 = Extra pickup with express service. |
| boxId                        | xs:string /<br>0 .. 1 /<br>maxLength: 100                                | The ID of the parcel box.                                                                                                                                                                                 |
| boxTan                       | xs:string /<br>0 .. 1 /<br>maxLength: 6                                  | The TAN of the parcel box for this order.                                                                                                                                                                 |
| collectionRequest<br>Address | types:address /<br>0 .. 1 /                                              | Contains pickup address information for consignments and collection requests. Mandatory for consignment.                                                                                                  |

Namespace: types

## Complex Type: printOption

### Description

Options how to return the parcel labels

| Field name     | Data type /<br>Occurrence /<br>Range      | Description                                                                                                                                                                                                |
|----------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| outputFormat   | types:OutputFormatType /<br>1 .. 1 /      | The format in which the parcel labels should be returned.<br>PDF, BARCODE_IMAGE, MULTIPAGE_IMAGE, PKPASS as file output; ZPL for direct printing.<br>In any case the output is base64 encoded.             |
| outputEncoding | types:OutputEncoding Type /<br>0 .. 1 /   | The encoding in which the parcel labels should be returned.<br>CP850, CP1252, UTF8 as file encoding output.                                                                                                |
| paperFormat    | xs:string /<br>0 .. 1 /<br>A4<br>A6<br>A7 | Declares the paper format for parcel label print, either "A4", "A6" or "A7".<br>For direct printing must be set to "A6". "A7" only prints return labels.<br>For ZPL only "A6" is possible as paper format. |
| printer        | types:printer /<br>0 .. 1 /               | Information about the printer, if direct printing is enabled.                                                                                                                                              |
| startPosition  | types:startPosition /<br>0 .. 1 /         | The start position of the first parcellabel on the first page, if page format A4 is chosen. Ignored on other paperformats                                                                                  |

Namespace: types

## Complex Type: printOptions

### Description

Options how to return the parcel labels

| <i>Field name</i> | <i>Data type / Occurrence / Range</i> | <i>Description</i>                                                                                                                                           |
|-------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| printOption       | types:printOption / 1 .. * /          | The formats in which the parcel labels should be returned.<br>If more than one format is set, the option splitByParcel is set implicitly.                    |
| splitByParcel     | xs:boolean / 0 .. 1 /                 | Determines whether a complete parcel label sheet will be created or a single one for each parcel.<br>If format is BARCODE_IMAGE then this is set implicitly. |

Namespace: types

## Complex Type: printer

### Description

Information about the printer, if direct printing is used.

| <i>Field name</i> | <i>Data type / Occurrence / Range</i> | <i>Description</i>                                                         |
|-------------------|---------------------------------------|----------------------------------------------------------------------------|
| manufacturer      | xs:string / 0 .. 1 /                  | The printer's manufacturer. At the moment only for informational purposes. |
| model             | xs:string / 0 .. 1 /                  | The printer's model. At the moment only for informational purposes.        |

|                  |                                               |                                                                                            |
|------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------|
| revision         | xs:string /<br>0 .. 1 /                       | The printer's revision/version. At the moment only for informational purposes.             |
| offsetX          | xs:decimal /<br>1 .. 1 /                      | The horizontal offset in mm for the direct printer file (Not used with normal PDF output). |
| offsetY          | xs:decimal /<br>1 .. 1 /                      | The vertical offset in mm for the direct printer file (Not used with normal PDF output).   |
| connectionType   | xs:string /<br>1 .. 1 /<br>SERIAL<br>PARALLEL | The connection type of the printer: serial or parallel connection.                         |
| barcodeCapable2D | xs:boolean /<br>1 .. 1 /                      | If the printer can print AZTEC barcodes, set this flag to true.                            |

Namespace: types

## Complex Type: proactiveNotification

### Description

Bundles proactive notification data.

| Field name | Data type /<br>Occurrence /<br>Range          | Description                                                                                                                                                                                                                                                      |
|------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| channel    | xs:int /<br>1 .. 1 /<br>1<br>2<br>3<br>6<br>7 | Declares type of proactive notification.<br>Possible values are:<br>1 = Email,<br>2 = Telephone,<br>3 = SMS,<br>6 = FAX,<br>7 = Postcard.                                                                                                                        |
| value      | xs:string /<br>1 .. 1 /<br>maxLength: 100     | Data for proactive notification, e.g. telephone number, email address, etc.<br>The data format for the proactive message types SMS, phone and FAX is as follows:<br>+international country number#phone number<br>Examples:<br>+49#1725673423<br>+49#01725673423 |

|          |                                          |                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| rule     | xs:int /<br>1 .. 1 /<br>maxInclusive: 31 | Specifies for which events a notification is to be issued.<br>Each event has a certain integer value. By adding the different values, it is possible to build combinations of events, e.g. notification for pick-up and delivery is 5.<br>The different values are:<br>1 = Pick-up,<br>2 = Non-delivery,<br>4 = Delivery,<br>8 = Inbound,<br>16 = Out for delivery.<br>So maximum value can be 31. |
| language | xs:string /<br>0 .. 1 /<br>length: 2     | Language of the proactive notification in ISO-3166-1 alpha-2 format (e.g. 'DE').                                                                                                                                                                                                                                                                                                                   |

Namespace: types

### Complex Type: productAndServiceData

#### Description

Bundles product and service data for ShipmentService.

| Field name       | Data type /<br>Occurrence /<br>Range                                                     | Description                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| orderType        | xs:string /<br>1 .. 1 /<br>consignment<br>collection request order<br>pickup information | Defines the shipment type.<br>Possible values are:<br>- consignment,<br>- collection request order,<br>- pickup information. |
| saturdayDelivery | xs:boolean /<br>0 .. 1 /                                                                 | Specifies if saturday delivery is demanded. Only selectable for product "E12". Default value is false.                       |
| exWorksDelivery  | xs:boolean /<br>0 .. 1 /                                                                 | Specifies if the recipient has to pay the consignment. Default value is false.                                               |
| guarantee        | xs:boolean /<br>0 .. 1 /                                                                 | Set to true if an international shipment should use Guarantee, only for products CL and E18 for international parcels.       |



|                               |                                            |                                                                                                                         |
|-------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| tyres                         | xs:boolean /<br>0 .. 1 /                   | Set to true if this consignment contains bulk tyres, only for product CL.                                               |
| food                          | xs:boolean /<br>0 .. 1 /                   | Set to true if the parcel should deliver as product 'DPD Food'.                                                         |
| personalDelivery              | types:personalDelivery /<br>0 .. 1 /       | Contains information for personal delivery.                                                                             |
| pickup                        | types:pickup /<br>0 .. 1 /                 | Contains information for pickup consignments, pickup address for collection requests or details for pickup information. |
| parcelShopDelivery            | types:parcelShopDelivery /<br>0 .. 1 /     | Contains the necessary information, if a parcel shop delivery is intended.                                              |
| predict                       | types:notification /<br>0 .. 1 /           | Contains data for interactive notification for consignments. The notification type "phone" is forbidden here.           |
| personalDelivery Notification | types:notification /<br>0 .. 1 /           | Contains data for personal delivery notification for consignments.                                                      |
| proactiveNotification         | types:proactive Notification /<br>0 .. 5 / | Contains information of proactive notification for consignments.                                                        |
| delivery                      | types:delivery /<br>0 .. 1 /               | Contains special delivery data for consignments.                                                                        |
| invoiceAddress                | types:address /<br>0 .. 1 /                | Contains data about invoice recipient if it differs for consignment.                                                    |
| countrySpecificService        | xs:string /<br>0 .. 1 /                    | In some relations a specific service code can be set, which overwrites the feature selection.                           |
| international                 | types:international /<br>0 .. 1 /          | Contains data for consignments across customs borders.                                                                  |

Namespace: types

## Complex Type: returnAddress

### Description

Bundles address data.

| Field name | Data type /<br>Occurrence /<br>Range     | Description                                                        |
|------------|------------------------------------------|--------------------------------------------------------------------|
| name1      | xs:string /<br>1 .. 1 /<br>maxLength: 50 | Name of address owner. (The maximum length is 35)                  |
| name2      | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Second name of address owner.                                      |
| street     | xs:string /<br>1 .. 1 /<br>maxLength: 50 | Street of address owner. (The maximum length is 35)                |
| houseNo    | xs:string /<br>0 .. 1 /<br>maxLength: 8  | House number of address owner.                                     |
| state      | xs:string /<br>0 .. 1 /<br>length: 2     | State of address owner in ISO 3166-2 code (e.g. BY = Bayern).      |
| country    | xs:string /<br>1 .. 1 /<br>length: 2     | Country of address owner in ISO 3166-1 alpha-2 format (e.g. 'DE'). |

|                |                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| zipCode        | xs:string /<br>1 .. 1 /<br>maxLength: 9                                                                                                                                                                                                                                  | Zip code of address owner.                                                                                                                                                                                 |
| city           | xs:string /<br>1 .. 1 /<br>maxLength: 50                                                                                                                                                                                                                                 | City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35.                                                                                                             |
| gln            | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 99999999<br>99999                                                                                                                                                                                              | International Location Number (ILN) or Global Location Number (GLN) of address owner.                                                                                                                      |
| customerNumber | xs:string /<br>0 .. 1 /<br>maxLength: 17                                                                                                                                                                                                                                 | Customer number of address owner. Maximum length is 17 for consignment and pickup information, 11 for collection request. Mandatory for sender's address.                                                  |
| contact        | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                                                                 | Contact person of address owner.                                                                                                                                                                           |
| phone          | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                                                                 | Phone number of address owner. Mandatory if phone is the chosen notification channel. If SMS notification is chosen, either mobile or phone must be filled.                                                |
| mobile         | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                                                                 | Mobile phone number of address owner. If SMS notification is chosen, either mobile or phone must be filled.                                                                                                |
| fax            | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                                                                 | Fax number of address owner. No required data format.                                                                                                                                                      |
| email          | xs:string /<br>0 .. 1 /<br>pattern: [w\p{L}!#\$%&'+<br>/= ?^_`{ } ~ - ] + ( \. [w\p{L}!#\$<br>%&'+/= ?^_`{ } ~ - ] + ) * @ [w<br>][w\p{L} \ - ] * ( \. [w\p{L} \ - ] + ) *<br>( \. [a-zA-Z][ \ - a-zA-Z0-9 ] {0,<br>61} [a-zA-Z0-9 ] )<br>minLength: 5<br>maxLength: 100 | The email address including at minimum one "@" character as a delimiter between addresser and domain.<br>The domain must include at minimum one "." as a delimiter between domain-name and domain-country. |

|                 |                                          |                                                                                                                    |
|-----------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| comment         | xs:string /<br>0 .. 1 /<br>maxLength: 70 | Comment on address owner.                                                                                          |
| iaccount        | xs:string /<br>0 .. 1 /<br>maxLength: 50 | Account allocation or cost center (for VTG) of invoice data for consignments.                                      |
| addressType     | xs:string /<br>0 .. 1 /<br>PRV<br>COM    | Address Type. Allowed values are:<br>PRV = Private customer<br>COM = Commercial customer                           |
| companyName     | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Return address Company Name. One of the two fields companyName or name1 is mandatory.                              |
| additionalInfo2 | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Address line 2. Additional information about the address. Only necessary for certain receiving countries, e.g. ES. |
| additionalInfo3 | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Address line 3. Additional information about the address. Only necessary for certain receiving countries, e.g. ES. |

Namespace: types

## Complex Type: senderAddress

### Description

Bundles address data.

| <i>Field name</i> | <i>Data type / Occurrence / Range</i>    | <i>Description</i>                                                                             |
|-------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| name1             | xs:string /<br>1 .. 1 /<br>maxLength: 50 | Name of address owner. (The maximum length is 35)                                              |
| name2             | xs:string /<br>0 .. 1 /<br>maxLength: 35 | Second name of address owner.                                                                  |
| street            | xs:string /<br>1 .. 1 /<br>maxLength: 50 | Street of address owner. (The maximum length is 35)                                            |
| houseNo           | xs:string /<br>0 .. 1 /<br>maxLength: 8  | House number of address owner.                                                                 |
| state             | xs:string /<br>0 .. 1 /<br>length: 2     | State of address owner in ISO 3166-2 code (e.g. BY = Bayern).                                  |
| country           | xs:string /<br>1 .. 1 /<br>length: 2     | Country of address owner in ISO 3166-1 alpha-2 format (e.g. 'DE').                             |
| zipCode           | xs:string /<br>1 .. 1 /<br>maxLength: 9  | Zip code of address owner.                                                                     |
| city              | xs:string /<br>1 .. 1 /<br>maxLength: 50 | City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35. |

|                |                                                                                                                                                                                                                                      |                                                                                                                                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| gln            | xs:long /<br>0 .. 1 /<br>minInclusive: 0<br>maxInclusive: 999999999<br>99999                                                                                                                                                         | International Location Number (ILN) or Global Location Number (GLN) of address owner.                                                                                                                      |
| customerNumber | xs:string /<br>0 .. 1 /<br>maxLength: 17                                                                                                                                                                                             | Customer number of address owner. Maximum length is 17 for consignment and pickup information, 11 for collection request. Mandatory for sender's address.                                                  |
| contact        | xs:string /<br>0 .. 1 /<br>maxLength: 35                                                                                                                                                                                             | Contact person of address owner.                                                                                                                                                                           |
| phone          | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                             | Phone number of address owner. Mandatory if phone is the chosen notification channel. If SMS notification is chosen, either mobile or phone must be filled.                                                |
| mobile         | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                             | Mobile phone number of address owner. If SMS notification is chosen, either mobile or phone must be filled.                                                                                                |
| fax            | xs:string /<br>0 .. 1 /<br>maxLength: 30                                                                                                                                                                                             | Fax number of address owner. No required data format.                                                                                                                                                      |
| email          | xs:string /<br>0 .. 1 /<br>pattern: [\w\p{L}!#\$%&'*/+<br>/=/?^_`{ }~-]+\.[\w\p{L}!#\$<br>%&'*/+/?^_`{ }~-]+)*@[\w<br>][\w\p{L}\-]*\.[\w\p{L}\-]*<br>(\.[a-zA-Z][\a-zA-Z0-9]{0,<br>61}[a-zA-Z0-9])<br>minLength: 5<br>maxLength: 100 | The email address including at minimum one "@" character as a delimiter between addresser and domain.<br>The domain must include at minimum one "." as a delimiter between domain-name and domain-country. |
| comment        | xs:string /<br>0 .. 1 /<br>maxLength: 70                                                                                                                                                                                             | Comment on address owner.                                                                                                                                                                                  |

|                 |                                                           |                                                                                                                    |
|-----------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| iaccount        | xs:string /<br>0 .. 1 /<br>maxLength: 50                  | Account allocation or cost center (for VTG) of invoice data for consignments.                                      |
| businessUnit    | xs:string /<br>0 .. 1 /<br>pattern: [0-9]{3}<br>length: 3 | Business unit of address owner.                                                                                    |
| addressType     | xs:string /<br>0 .. 1 /<br>PRV<br>COM                     | Address Type. Allowed values are:<br>PRV = Private customer<br>COM = Commercial customer                           |
| additionalInfo2 | xs:string /<br>0 .. 1 /<br>maxLength: 35                  | Address line 2. Additional information about the address. Only necessary for certain receiving countries, e.g. ES. |
| additionalInfo3 | xs:string /<br>0 .. 1 /<br>maxLength: 35                  | Address line 3. Additional information about the address. Only necessary for certain receiving countries, e.g. ES. |
| eori            | xs:string /<br>0 .. 1 /<br>maxLength: 20                  | European tax number.                                                                                               |
| vatNumber       | xs:string /<br>0 .. 1 /<br>maxLength: 20                  | VAT number.                                                                                                        |
| taxIdType       | xs:string /<br>0 .. 1 /<br>P<br>C                         | Type of document. Allowed values are:<br>P = Passport Number<br>C = CNPJ (or CPF) Number (Brazil)                  |
| taxIdValue      | xs:string /<br>0 .. 1 /<br>maxLength: 20                  | Document information.                                                                                              |
| accountOwner    | xs:string /<br>0 .. 1 /<br>maxLength: 3                   | Owner of the customer account customer. This owner is responsible to bill the parcel.                              |

Namespace: types

## Complex Type: shipmentResponse

### Description

Bundles shipment response data.

| <i>Field name</i>    | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                                                                                                                                                      |
|----------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| identificationNumber | xs:string /<br>0 .. 1 /<br>maxLength: 999     | Serves as unique alphanumeric key of the shipment used by customer.                                                                                                                     |
| mpsId                | xs:string /<br>0 .. 1 /<br>maxLength: 25      | The shipment number for consignment data. If ordertype is pickup information, the shipment number is an internal database ID, which is necessary for technical support requests at DPD. |
| parcelInformation    | types:parcelInformation<br>Type /<br>0 .. * / | Contains information about the single parcels.                                                                                                                                          |
| faults               | types:faultCodeType /<br>0 .. 3 /             | Contains information about errors during shipment order processing.                                                                                                                     |



Namespace: types

### Complex Type: shipmentServiceData

#### Description

Bundles shipment service data.

| <i>Field name</i>     | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                    |
|-----------------------|-----------------------------------------------|---------------------------------------|
| generalShipmentData   | types:generalShipment<br>Data /<br>1 .. 1 /   | Contains general data for a shipment. |
| parcels               | types:parcel /<br>0 .. 100 /                  | Contains information for the parcels. |
| productAndServiceData | types:productAndService<br>Data /<br>1 .. 1 / | Contains special data for a shipment. |

Namespace: types

### Complex Type: storeOrders

#### Description

Stores up to 30 shipments and creates corresponding shipment documents.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                    |
|-------------------|-----------------------------------------------|-------------------------------------------------------|
| printOptions      | types:printOptions /<br>0 .. 1 /              | The Options which should be used for parcel printing. |
| order             | types:shipmentService<br>Data /<br>1 .. 30 /  | Contains the whole data for the shipments.            |

Namespace: types

### Complex Type: storeOrdersResponse

#### Description

Contains return object.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i>   | <i>Description</i>      |
|-------------------|-------------------------------------------------|-------------------------|
| orderResult       | types:storeOrders<br>ResponseType /<br>1 .. 1 / | Contains return object. |

Namespace: types

### Complex Type: storeOrdersResponseType

#### Description

Bundles storeOrders response data.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                               |
|-------------------|-----------------------------------------------|--------------------------------------------------|
| output            | types:OutputType /<br>0 .. 1 /                | Contains parcel label data in bytes.             |
| shipmentResponses | types:shipmentResponse<br>/<br>0 .. * /       | Contains response data for every shipment order. |

**Namespace: types\_authentication**

URL: <http://dpd.com/common/service/types/Authentication/2.0>

Namespace: types\_authentication

**Anonymous Complex Type of Element: authentication**

**Description**

The data structure for authentication data.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i>             | <i>Description</i>                                                                                        |
|-------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| delisId           | xsd:string /<br>1 .. 1 /<br>minLength: 8<br>maxLength: 10 | The delis user id for authentication.                                                                     |
| authToken         | xsd:string /<br>1 .. 1 /<br>minLength: 0<br>maxLength: 64 | The token for authentication. Field authToken of Login, as a result of Method "getAuth" of LoginService.  |
| messageLanguage   | xsd:string /<br>1 .. 1 /<br>minLength: 5<br>maxLength: 5  | The language (Java format) for messages.<br>"de_DE" for german messages.<br>"en_US" for english messages. |

Namespace: types\_authentication

### Anonymous Complex Type of Element: authenticationFault

#### Description

The data structure for authentication errors.

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i>              | <i>Description</i>                                                                               |
|-------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| errorCode         | xsd:string /<br>1 .. 1 /                                   | The error code. Valid codes:<br>NoAccessAuthenticationFault=-1<br>NoRightsAuthenticationFault=-2 |
| errorMessage      | xsd:string /<br>1 .. 1 /<br>minLength: 1<br>maxLength: 255 | The error message text.                                                                          |

## Simple Types

### Namespace: types

URL: <http://dpd.com/common/service/types/ShipmentService/4.5>

Namespace: types

### Simple Type: OutputEncodingType

| <i>Field name</i>  | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>                                   |
|--------------------|-----------------------------------------------|------------------------------------------------------|
| OutputEncodingType | xs:string /<br>/<br>CP850<br>CP1252<br>UTF8   | Enum of content encoding in parcel information type. |

Namespace: types

**Simple Type: OutputFormatType**

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i>                                          | <i>Description</i>                                 |
|-------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|
| OutputFormatType  | xs:string /<br>/<br>PDF<br>ZPL<br>ZPL300<br>PKPASS<br>BARCODE_IMAGE<br>MULTIPAGE_IMAGE | Enum of content format in parcel information type. |

Namespace: types

**Simple Type: startPosition**

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i>                              | <i>Description</i> |
|-------------------|----------------------------------------------------------------------------|--------------------|
| startPosition     | xs:string /<br>/<br>UPPER_LEFT<br>UPPER_RIGHT<br>LOWER_LEFT<br>LOWER_RIGHT | Start positions    |

## Elements

### Namespace: types

URL: <http://dpd.com/common/service/types/ShipmentService/4.5>

Namespace: types

#### Element: storeOrders

| <i>Field name</i> | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>    |
|-------------------|-----------------------------------------------|-----------------------|
| storeOrders       | types:storeOrders /<br>1 .. 1 /               | See types:storeOrders |

Namespace: types

#### Element: storeOrdersResponse

| <i>Field name</i>   | <i>Data type /<br/>Occurrence /<br/>Range</i> | <i>Description</i>            |
|---------------------|-----------------------------------------------|-------------------------------|
| storeOrdersResponse | types:storeOrders<br>Response /<br>1 .. 1 /   | See types:storeOrdersResponse |

**Namespace: types\_authentication**

URL: <http://dpd.com/common/service/types/Authentication/2.0>

Namespace: types\_authentication

**Element: authentication**

Anonymous Complex Type *types\_authentication:authentication*

Namespace: types\_authentication

**Element: authenticationFault**

Anonymous Complex Type *types\_authentication:authenticationFault*