ShipmentService-Public_3_2
Web Service Reference

Version 3.2.0

19.07.2017

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History

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_3_2

Method name	Description
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/3.2">
  <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>
        <printerLanguage>PDF</printerLanguage>
        <paperFormat>A4</paperFormat>
      </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>
            <city>Aschaffenburg</city>
          </recipient>
```

```
      </generalShipmentData>
      <parcels>
        <parcelLabelNumber></parcelLabelNumber>
      </parcels>
      <productAndServiceData>
        <orderType>consignment</orderType>
      </productAndServiceData>
    </order>
  </ns1:storeOrders>
 </soapenv:Body>
</soapenv:Envelope>
```

Action

http://dpd.com/common/service/ShipmentService/3.2/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/3.2

Namespace: types
Complex Type: address

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

city	xs:string / 1 .. 1 / maxLength: 50	City/town of address owner. For dangerous goods the maximum length is 50, otherwise always 35.
gln	xs:long / 0 .. 1 / maxInclusive: 99999999 99999	International location number of address owner.
customerNumber	xs:string / 0 .. 1 / 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 / 0 .. 1 / maxLength: 35	Contact person of address owner.
phone	xs:string / 0 .. 1 / maxLength: 30	Phone number of address owner. Mandatory if phone is the chosen notification channel. No required data format.
fax	xs:string / 0 .. 1 / maxLength: 30	Fax number of address owner. No required data format.
email	xs:string / 0 .. 1 / maxLength: 50	Email address of address owner. For collection requests the maximum length is 40, otherwise always 50.
comment	xs:string / 0 .. 1 / maxLength: 70	Comment on address owner.
iaccount	xs:string / 0 .. 1 / maxLength: 50	Account allocation or cost center (for VTG) of invoice data for consignments.

Namespace: types
Complex Type: cod

Description

Bundles cash on delivery data.

Field name	Data type / Occurrence / Range	Description
amount	xs:long / 1 .. 1 / maxInclusive: 99999999 99	COD amount in the currency of the destination country. The amount is specified as integer value e.g. 300.00 becomes 30000. Please note the national ceilings for cod in the corresponding relations.
currency	xs:string / 1 .. 1 / length: 3	ISO 4217 alpha-3 currency code (destination country).
inkasso	xs:int / 1 .. 1 / 0 1	Defines collection type. Possible values are: 0 = cash 1 = crossed cheque
purpose	xs:string / 0 .. 1 / maxLength: 14	Purpose of use.
bankCode	xs:string / 0 .. 1 / maxLength: 25	Bank code. If this value is filled, parameters for bankName, bankAccountNumber and bankAccountHolder must also be filled.
bankName	xs:string / 0 .. 1 / maxLength: 27	Bank name. If this value is filled, parameters for bankCode, bankAccountNumber and bankAccountHolder must also be filled.
bankAccountNumber	xs:string / 0 .. 1 / maxLength: 25	Bank account number.

		If this value is filled, parameters for bankCode, bankName and bankAccountHolder must also be filled.
bankAccountHolder	xs:string / 0 .. 1 / maxLength: 30	Account holder. If this value is filled, parameters for bankCode, bankName and bankAccountNumber must also be filled.
iban	xs:string / 0 .. 1 / maxLength: 50	International bank account number . If this value is filled, parameters for bankCode, bankName, bankAccountNumber and bankAccountHolder must also be filled.
bic	xs:string / 0 .. 1 / maxLength: 50	Bank identifier code. If this value is filled, parameters for bankCode, bankName, bankAccountNumber and bankAccountHolder must also be filled.

Namespace: types
Complex Type: delivery

Description

Bundles delivery data.

Field name	*Data type / Occurrence / Range*	*Description*
day	xs:string / 0 .. 1 / maxLength: 20	Allowed delivery days in the week (0 = Sunday, 1 = Monday etc.). Comma separated list of possible delivery days (e.g. "2,3,4,5").
dateFrom	xs:int / 0 .. 1 / maxInclusive: 99999999	Fixed delivery from date - format YYYYMMDD, e.g. 20080213.

dateTo	xs:int / 0 .. 1 / maxInclusive: 99999999	Fixed delivery to date - format YYYYMMDD, e.g. 20080213.
timeFrom	xs:int / 0 .. 1 / maxInclusive: 2400	Time from which the consignee is available - format hhmm (local time receipient country), e.g. 1400 or 0830.
timeTo	xs:int / 0 .. 1 / maxInclusive: 2400	Time until the consignee is available - format hhmm (local time receipient country), e.g. 1600 or 0930.

Namespace: types
Complex Type: faultCodeType

Field name	Data type / Occurrence / Range	Description
faultCode	xs:string / 1 .. 1 /	Possible error codes are: SHIPPING_1 - pickup address is unknown for customer SHIPPING_2 - parcel label print fails COMMON_1 - unexpected runtime error COMMON_2 - mandatory input field is empty COMMON_3 - length of data for field does not fit COMMON_4 - input data contains invalid special character COMMON_5 - a swap parcel is ordered, but there is more than one parcel COMMON_6 - some input data field values result in an invalid combination COMMON_7 - input data contains invalid value COMMON_8 - a field is to be stored in database, but there is not database field mapped for it DATABASE_6 - transfer state of order is to be changed but order is already committed DATABASE_7 - update fails on database level during order storing

| | | DATABASE_8 - delete fails on database level during rollback after some other error
DATABASE_21 - order is to be inserted in databse, but has already a database id
DATABASE_22 - order is to be committed after inserting, but there is no database id for update given
DATABASE_24 - deletion is necessary because of some other error, but no database id for record is given
MPSEXP_1 - parcel label number is already in use
ROUTING_1 - no route could be found for depot and feature
ROUTING_2 - invalid input data
ROUTING_3 - the connection to the database failed
ROUTING_4 - an internal failure occurs
ROUTING_5 - no depot could be found
ROUTING_6 - no pickup date was given
ROUTING_7 - internal extension rule error
ROUTING_8 - malformed zip code
ROUTING_9 - missing country code
ROUTING_10 - missing routing place
ROUTING_11 - missing service code
ROUTING_12 - routing place error
ROUTING_13 - sending date error
ROUTING_14 - service code error
ROUTING_15 - invalid relation of service codes
ROUTING_16 - unknown country code
ROUTING_17 - unknown destination depot
ROUTING_18 - unknown zip code
ROUTING_19 - unknown routing place
ROUTING_20 - unknown service code
ROUTING_21 - invalid service code
ROUTING_21 - parcel is labelled as return parcel but returns is not possible
ROUTING_22 - missing allow
ROUTING_23 - missing routing place or destination depot |
| message | xs:string /
1 .. 1 / | Message with detailed information for the fault (e.g. incorrect field). |

Namespace: types
Complex Type: generalShipmentData

Description

Bundles general shipment data.

Field name	Data type / Occurrence / Range	Description
mpsId	xs:string / 0 .. 1 / length: 25	The shipment number for consignment data. The shipment number is only accepted if the parcel label number is allocated by customer. It starts with one of "MPS", "EXP" or "B2C", the last eight ciphers are the date in format yyyyMMdd.
cUser	xs:string / 0 .. 1 / maxLength: 10	User ID of the person who made the entry.
mpsCustomerReference Number1	xs:string / 0 .. 1 / maxLength: 50	Consignment customer reference number 1 (maximal length 35), also customer reference number for collection request orders (maximal length 50).
mpsCustomerReference Number2	xs:string / 0 .. 1 / maxLength: 35	Consignment customer reference number 2.
mpsCustomerReference Number3	xs:string / 0 .. 1 / maxLength: 35	Consignment customer reference number 3.
mpsCustomerReference Number4	xs:string / 0 .. 1 / maxLength: 35	Consignment customer reference number 4.
identificationNumber	xs:string / 0 .. 1 / maxLength: 999	Serves as unique alphanumeric key of the shipment used by customer. Can obtain up to 999 ciphers.

sendingDepot	xs:string / 1 .. 1 / length: 4	Sending depot for consignment, ordering depot for collection request, customer's depot for pickup information or creating/sending depot for dangerous goods. 4 alphanumeric places, including leading zeros, e.g. 0163.
product	xs:string / 1 .. 1 / CL E830 E10 E12 E18 IE2 PL PL+ MAIL	Selection of product, exactly one per shipment, mandatory for consignment data. Possible values are: CL = DPD CLASSIC E830 = DPD 8:30 E10 = DPD 10:00 E12 = DPD 12:00 E18 = DPD 18:00 IE2 = DPD EXPRESS PL = DPD PARCELLetter PL+ = DPD PARCELLetterPlus MAIL = DPD International Mail
mpsCompleteDelivery	xs:boolean / 0 .. 1 /	Defines if the shipment should be sent as complete delivery. Mandatory for COD. Default value is false.
mpsCompleteDelivery Label	xs:boolean / 0 .. 1 /	Defines if the label for complete delivery is printed for pickup. Default value is false.
mpsVolume	xs:long / 0 .. 1 / maxInclusive: 999999999	Volume per consignment in cm3 (without decimal places).
mpsWeight	xs:long / 0 .. 1 / maxInclusive: 99999999	Shipment weight in grams rounded in 10 gram units without decimal separator (e.g. 300 equals 3kg).
mpsExpectedSending Date	xs:string / 0 .. 1 / 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.
mpsExpectedSending Time	xs:string / 0 .. 1 / 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:address / 1 .. 1 /	Consignment sender's address, collection request customer's address or pickup information customer's address.
recipient	types:address / 1 .. 1 /	Address of the recipient. For parcel shop delivery address of the real recipient.

Namespace: types
Complex Type: hazardous

Description

Bundles hazardous materials data.

Field name	Data type / Occurrence / Range	Description
identificationUnNo	xs:string / 1 .. 1 / length: 4	Defines UN number of hazardous substance. UN numbers range between 0004 and 9004.
identificationClass	xs:string / 1 .. 1 / maxLength: 6	Defines 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 / 0 .. 1 / maxLength: 5	Defines classification code of hazardous substance.
packingGroup	xs:string / 0 .. 1 / maxLength: 5	Defines packing group of hazardous substance. Common values are "I", "II" or "III".
packingCode	xs:string / 1 .. 1 / 0A 0A1 0A2	Defines packing code. Possible values are: 0A = thin sheet packing 0A1 = thin sheet packing with non removable head 0A2 = thin sheet packing with removable head 1A = steel barrel

	1A 1A1 1A2 1B 1B1 1B2 1H 1H1 1H2 3A 3A1 3A2 3B 3B1 3B2 3H 3H1 3H2 4A 4B 4D 4G 4H 4H1 4H2 5H 5M 6H	1A1 = steel barrel with non removable head 1A2 = steel barrel with removable head 1B = aluminium barrel 1B1 = aluminium barrel with non removable head 1B2 = aluminium barrel with removable head 1H = plastics barrel 1H1 = plastics barrel with non removable head 1H2 = plastics barrel with removable head 3A = steel canister 3A1 = steel canister with non removable head 3A2 = steel canister with removable head 3B = aluminium canister, 3B1 = aluminium canister with non removable head 3B2 = aluminium canister with removable head 3H = plastics canister, 3H1 = plastics canister with non removable head 3H2 = plastics canister with removable head 4A = steel crates 4B = aluminium crate 4D = plywood crate 4G = cardboard crate 4H = plastics crate 4H1 = plastics crate plastics expanded 4H2 = plastics crate plastics solid 5H = plastics bags 5M = paper bags 6H = combination packings
description	xs:string / 1 .. 1 / maxLength: 160	Description of hazardous substance (redundant).
subsidiaryRisk	xs:string / 0 .. 1 / maxLength: 10	Subsidiary risk of hazardous substance (redundant).
tunnelRestrictionCode	xs:string / 0 .. 1 / A B C D E	Tunnel restriction code of hazardous substance (redundant). Possible values are "A", "B", "C", "D" or "E".

hazardousWeight	xs:decimal / 1 .. 1 / totalDigits: 6 fractionDigits: 2	Weight of hazardous substance with 4 places before decimal point and 2 decimal places (with separator).
netWeight	xs:decimal / 0 .. 1 / totalDigits: 6 fractionDigits: 2	Net weight of hazardous substance with 4 places before decimal point and 2 decimal places (with separator).
factor	xs:int / 1 .. 1 / maxInclusive: 999	Factor of hazardous substance (redundant). 999 means unlimited.
notOtherwiseSpecified	xs:string / 0 .. 1 / maxLength: 150	A not otherwise specified text which is mandatory for some substances.

Namespace: types
Complex Type: higherInsurance

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

Namespace: types
Complex Type: international

Field name	Data type / Occurrence / Range	Description
parcelType	xs:boolean / 1 .. 1 /	Defines if the type of parcel is "documents" (allowed for air based destination only). Default value is false.
customsAmount	xs:long / 1 .. 1 / maxInclusive: 999999999999	Defines the customs amount in total without decimal separator (e.g. 14.00 = 1400). For documents it is 0.
customsCurrency	xs:string / 1 .. 1 / length: 3	Currency code in ISO 4217 alpha-3 format.
customsTerms	xs:string / 1 .. 1 / 01 02 03 05 06	Declares the customs terms. Possible values are: 01 = DAP, cleared 02 = DDP, delivered duty paid (incl. duties and excl. Taxes 03 = DDP, delivered duty paid (incl duties and taxes) 05 = ex works (EXW) 06 = DAP
customsContent	xs:string / 1 .. 1 / maxLength: 35	Describes the content of the parcel.
customsTarif	xs:string / 0 .. 1 / maxLength: 8	Defines the customs tarif number.
customsPaper	xs:string / 0 .. 1 / maxLength: 20	Lists the accompanying documents. The values are to be combined without separator (e.g. "ABG"). Following values are defined: A = commercial invoice B = pro forma invoice C = export declaration D = EUR1

		E = EUR2 F = ATR G = delivery note H = third party billing I = T1 document
customsEnclosure	xs:boolean / 0 .. 1 /	Defines if the accompanying documents are at the parcel or not. Default value is false.
customsInvoice	xs:string / 0 .. 1 / maxLength: 20	Defines the invoice number.
customsInvoiceDate	xs:int / 0 .. 1 / maxInclusive: 99999999	Defines the invoice date (format YYYYMMDD).
customsAmountParcel	xs:long / 0 .. 1 / maxInclusive: 99999999 9999	Parcel value with two decimal places without separator.
customsOrigin	xs:string / 0 .. 1 / length: 2	Origin country in ISO 3166-1 alpha-2 format (e.g. 'DE').
linehaul	xs:string / 0 .. 1 / AI RO	Defines mode of line haul. Possible values are "AI" for air and "RO" for road.
shipMrn	xs:string / 0 .. 1 / maxLength: 20	Movement reference number of the electronical export declaration.
collectiveCustoms Clearance	xs:boolean / 0 .. 1 /	Flag for determining collective customs clearance. Default value is false.
invoicePosition	xs:string / 0 .. 1 / maxLength: 6	Defines the invoice position.
comment1	xs:string / 0 .. 1 / maxLength: 70	Comment.

comment2	xs:string / 0 .. 1 / maxLength: 70	Second comment.
commercialInvoice ConsigneeVatNumber	xs:string / 0 .. 1 / maxLength: 20	Defines the commercial invoice consignee VAT number.
commercialInvoice Consignee	types:address / 1 .. 1 /	Contains address data of commercial invoice consignee.

Namespace: types
Complex Type: notification

Field name	Data type / Occurrence / Range	Description
channel	xs:int / 1 .. 1 / 1 2 3	Defines channel of notification. Possible values are: 1 = email 2 = telephone 3 = SMS
value	xs:string / 1 .. 1 / maxLength: 50	Value for the chosen channel, i.e. the phone number or the e-mail address. No required data format for SMS and phone.
language	xs:string / 0 .. 1 / length: 2	Language of the notification in ISO 3166-1 alpha-2 format (e.g. 'DE').

Namespace: types
Complex Type: parcel

Field name	Data type / Occurrence / Range	Description
parcelLabelNumber	xs:string / 0 .. 1 / minLength: 11 maxLength: 14	Parcel label number. Number range and validity are checked. Length can be 11 or 14.
customerReference Number1	xs:string / 0 .. 1 / maxLength: 35	Parcel customer reference number 1.
customerReference Number2	xs:string / 0 .. 1 / maxLength: 35	Parcel customer reference number 2.
customerReference Number3	xs:string / 0 .. 1 / maxLength: 35	Parcel customer reference number 3.
customerReference Number4	xs:string / 0 .. 1 / maxLength: 35	Parcel customer reference number 4.
swap	xs:boolean / 0 .. 1 /	Defines if the parcel is a consignment swap parcel. Default value is false.
volume	xs:int / 0 .. 1 / maxInclusive: 999999999	Volume of the single parcel (length/width/height in format LLLWWWHHH) in cm without separators.
weight	xs:int / 0 .. 1 / maxInclusive: 99999999	Parcel weight in grams rounded in 10 gram units without decimal delimiter (e.g. 300 equals 3kg). Consignement allows 8-digit values, collection requests 7-digit and dangerous goods 6-digit.
hazardousLimited Quantities	xs:boolean / 0 .. 1 /	Defines if the parcel is a limited quantities hazardous goods parcel. Default value is false.

higherInsurance	types:higherInsurance / 0 .. 1 /	Defines if the parcel has increased insurance value. Default value is false.
content	xs:string / 0 .. 1 / maxLength: 50	Content of the parcel. Mandatory for increased insurance. For collection requests maximum length is 50, for consignment it is 35.
addService	xs:int / 0 .. 1 / 1 2 3	Additional service. Possible values are: 1 = delivery information 2 = documents return 3 = written permission to deposit goods by sender
messageNumber	xs:int / 0 .. 1 / maxInclusive: 99999	Message number for consignment shipper information. Default value is 1.
function	xs:string / 0 .. 1 / LOCKDZB LOCKASG LOCKEVM LOCKSHOP LOCKTV	Blockable functions, possible values are: LOCKDZB = delivery to a third party with notification of delivery LOCKASG = written permission to deposit goods LOCKEVM = delivery with non-recurring authority LOCKSHOP = parcel shop LOCKTV = appointment
parameter	xs:string / 0 .. 1 / maxLength: 300	Free text for blockable functions.
cod	types:cod / 0 .. 1 /	Contains COD data for COD consignments.
international	types:international / 0 .. 1 /	Contains data for consignments across customs frontiers.
hazardous	types:hazardous / 0 .. 4 /	Contains packing and substance data for dangerous goods.
printInfo1OnParcelLabel	xs:boolean / 0 .. 1 /	Determines if content of parameter info1 will be added on the label of a collection request parcel. Default value is false.
info1	xs:string / 0 .. 1 / maxLength: 29	Information text 1. Will be printed on the parcel label if the flag printInfo1OnParcellabel is set to true.

| info2 | xs:string / 0 .. 1 / maxLength: 30 | Information text 2. Will not be printed on the parcel label. |
| returns | xs:boolean / 0 .. 1 / | Defines if parcel is a return parcel. The return parcel must always be next in order to the corresponding outbound parcel. Default value is false. |

Namespace: types
Complex Type: parcelInformationType

Field name	Data type / Occurrence / Range	Description
parcelLabelNumber	xs:string / 0 .. 1 /	The parcel label number of the corresponding parcel.
dpdReference	xs:string / 0 .. 1 /	The DPD reference for this parcel.

Namespace: types
Complex Type: parcelShopDelivery

Field name	Data type / Occurrence / Range	Description
parcelShopId	xs:long / 1 .. 1 /	Parcel shop ID for parcel shop delivery. Can be obtained from parcel shop finder. Assumes that parameter type of personal delivery is filled with a value from 3 to 5, which means parcel shop delivery. Mandatory in this case.

parcelShopNotification	types:notification / 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 / 1 .. 1 / minInclusive: 1 maxInclusive: 5	Defines type of personal delivery. Possible values are: 1 = department delivery (without personal identification) 2 = personal delivery with personal identification (ID-Check) 3 = personal delivery without personal identification at drop point (e.g. parcel shop) 4 = personal delivery with personal identification at drop point (e.g. parcel shop) 5 = personal delivery with personal identification at drop point plus ID-Check (e.g. parcel shop) For parcel shop delivery the parcel shop id must be declared in productAndServiceData. It can be obtained from parcel shop finder.
floor	xs:string / 0 .. 1 / maxLength: 30	Floor where the personal delivery shall take place. This field is only used for department delivery.
building	xs:string / 0 .. 1 / maxLength: 30	Building where the personal delivery shall take place. This field is only used for department delivery (type 1).

department	xs:string / 0 .. 1 / maxLength: 30	Department where the personal delivery shall take place. This field is only used for department delivery (type 1).
name	xs:string / 0 .. 1 / maxLength: 35	Name of the person authorised to accept the consignment. This field is only used for delivery with ID-Check (types 2 and 4).
phone	xs:string / 0 .. 1 / maxLength: 20	Telephone number of the person authorised to accept the consignment. This field is only used for delivery with ID-Check (types 2 and 4). No required data format.
personId	xs:string / 0 .. 1 / 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 4).

Namespace: types
Complex Type: pickup

Description

Bundles pickup data.

Field name	Data type / Occurrence / Range	Description
tour	xs:int / 0 .. 1 / maxInclusive: 999	Tour number (between 000 and 999).
quantity	xs:int / 1 .. 1 / maxInclusive: 99999	Quantity of pickup parcels. Mandatory for consignment.
date	xs:int / 1 .. 1 / maxInclusive: 99999999	Pickup date in consignments and collection requests. The collection day for advice customers. The from date for pickup information. Format is YYYYMMDD.

		It can also be used as pickup date for collection requests, then format is YYMMDD. Mandatory for consignment.
day	xs:int / 1 .. 1 / maxInclusive: 6	Pickup day of week for consignments and pickup information. Allowed values are 0..6 (0=Sunday, 1=Monday, etc.). Mandatory for consignment.
fromTime1	xs:int / 0 .. 1 / maxInclusive: 2400	From time 1 for consignments and pickup information. Format is hhmm. Mandatory for consignment.
toTime1	xs:int / 0 .. 1 / maxInclusive: 2400	Until time 1 for consignments and pickup information. Format is hhmm. Mandatory for consignment.
fromTime2	xs:int / 0 .. 1 / maxInclusive: 2400	From time 2 for consignments and pickup information. Format is hhmm.
toTime2	xs:int / 0 .. 1 / maxInclusive: 2400	Until time 2 for consignments and pickup information. Format is hhmm.
extraPickup	xs:boolean / 0 .. 1 /	True if extra pickup is requested.
collectionRequest Address	types:address / 0 .. 1 /	Contains pickup address information for consignments and collection requests. Mandatory for consignment.

Namespace: types
Complex Type: printOptions

Description

Options how to return the parcel labels

Field name	Data type / Occurrence / Range	Description
printerLanguage	xs:string / 1 .. 1 / PDF	The language in which the parcel labels should be returned. PDF as file output. In any case the output is base64 encoded.
paperFormat	xs:string / 1 .. 1 / A4 A6 A7	Declares the paper format for parcel label print, either "A4" or "A6". For direct printing the format has to be set to "A6". "A7" only for return labels, other type are not allowed.
printer	types:printer / 0 .. 1 /	Information about the printer. Enabled if direct printing is selected.
startPosition	types:startPosition / 0 .. 1 /	Start position for print on A4 paper.

Namespace: types
Complex Type: printer

Description

Information about the printer, if direct printing is selected.

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

Namespace: types
Complex Type: proactiveNotification

Field name	Data type / Occurrence / Range	Description
channel	xs:int / 1 .. 1 / 1 2 3 6 7	Defines type of proactive notification. Possible values are: 1 = email 2 = telephone 3 = SMS 6 = FAX 7 = postcard
value	xs:string / 1 .. 1 / maxLength: 50	Data for proactive notification, e.g. telephone number, email address, etc. The data format for the proactive message types SMS, phone and FAX is as follows: +international country number#phone number Examples: +49#1725673423 +49#01725673423
rule	xs:int / 1 .. 1 / maxInclusive: 31	Rule for which events a notification is sent. Each event has a certain value. By adding the different values it is possible to build combinations of events, e.g. notification for pick-up and delivery is 5. The different values are: 1 = pick-up 2 = non-delivery 4 = delivery 8 = inbound 16 = out for delivery
language	xs:string / 1 .. 1 / length: 2	Language of the proactive notification in ISO-3166-1 alpha-2 format (e.g. 'DE').

Namespace: types
Complex Type: productAndServiceData

Field name	Data type / Occurrence / Range	Description
orderType	xs:string / 1 .. 1 / consignment collection request order pickup information	Defines the shipment type. Possible values are: consignment collection request order pickup information
saturdayDelivery	xs:boolean / 0 .. 1 /	Defines if saturday delivery is demanded. Only selectable for product "E12". Default value is false.
exWorksDelivery	xs:boolean / 0 .. 1 /	Defines if the recipient has to pay the consignment. Default value is false.
guarantee	xs:boolean / 0 .. 1 /	Set to true if an international shipment shall use Guarantee, only for products NP and E18 in international parcels
tyres	xs:boolean / 0 .. 1 /	Set to true if this consignment contains bulk tyres, only for product NP.
personalDelivery	types:personalDelivery / 0 .. 1 /	Contains information for personal delivery.
pickup	types:pickup / 0 .. 1 /	Contains information for pickup consignments, pickup address for collection requests or details for pickup information.
parcelShopDelivery	types:parcelShopDelivery / 0 .. 1 /	Contains the necessary information, if a parcel shop delivery is intended.
predict	types:notification / 0 .. 1 /	Contains data for interactive notification for consignments. Only channel e-mail and SMS is allowed.
personalDelivery Notification	types:notification / 0 .. 1 /	Contains data for personal delivery notification for consignments.

proactiveNotification	types:proactive Notification / 0 .. 5 /	Contains information of proactive notification for consignments.
delivery	types:delivery / 0 .. 1 /	Contains special delivery data for consignments.
invoiceAddress	types:address / 0 .. 1 /	Contains data about invoice recipient if it differs for consignment.
countrySpecificService	xs:string / 0 .. 1 /	In some relations a specific service code can be set which overwrites the feature selection.

Namespace: types
Complex Type: shipmentResponse

Description

Bundles shipment response data.

Field name	Data type / Occurrence / Range	Description
identificationNumber	xs:string / 0 .. 1 /	Serves as unique alphanumeric key of the shipment used by customer.
mpsId	xs:string / 0 .. 1 / 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 Type / 0 .. * /	Contains information about the single parcels.

faults	types:faultCodeType / 0 .. 3 /	Contains information about errors during shipment order processing.

Namespace: types
Complex Type: shipmentServiceData

Description

Bundles shipment service data.

Field name	Data type / Occurrence / Range	Description
generalShipmentData	types:generalShipment Data / 1 .. 1 /	Contains general data for a shipment.
parcels	types:parcel / 0 .. * /	Contains information for the parcels.
productAndServiceData	types:productAndService Data / 1 .. 1 /	Contains special data for a shipment.

Namespace: types
Complex Type: storeOrders

Field name	Data type / Occurrence / Range	Description
printOptions	types:printOptions / 0 .. 1 /	The Options which should be used for parcel printing.

Field name	Data type / Occurrence / Range	Description
order	types:shipmentService Data / 1 .. 30 /	Contains the whole data for the shipments.

Namespace: types
Complex Type: storeOrdersResponse

Field name	Data type / Occurrence / Range	Description
orderResult	types:storeOrders ResponseType / 1 .. 1 /	Contains return object.

Namespace: types
Complex Type: storeOrdersResponseType

Field name	Data type / Occurrence / Range	Description
parcellabelsPDF	xs:base64Binary / 0 .. 1 /	Contains parcel label PDF data in bytes.
shipmentResponses	types:shipmentResponse / 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.

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

Namespace: types_authentication
Anonymous Complex Type of Element: authenticationFault

Description

The data structure for authentication errors.

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

Simple Types

Namespace: types

URL: http://dpd.com/common/service/types/ShipmentService/3.2

Namespace: types
Simple Type: startPosition

Field name	Data type / Occurrence / Range	Description
startPosition	xs:string / / UPPER_LEFT UPPER_RIGHT LOWER_LEFT LOWER_RIGHT	Start positions

Elements

Namespace: types

URL: http://dpd.com/common/service/types/ShipmentService/3.2

Namespace: types
Element: storeOrders

Field name	Data type / Occurrence / Range	Description
storeOrders	types:storeOrders / 1 .. 1 /	See types:storeOrders

Namespace: types
Element: storeOrdersResponse

Field name	Data type / Occurrence / Range	Description
storeOrdersResponse	types:storeOrders Response / 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*