DPD integration API

API documentation v2.3

Contents

Document version

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DPD Integration tools

There are these interfaces available:

- Web Service interface –application interfaces (API) – SOAP and REST for ordering and obtaining DPD pickup points network list
- Web portal – user interface

In web portal you can find information necessary for integration – such as identifiers, but also you can see all your orders processed via API.

Before you start to order shipment transfer, you can set and verify your interface communication within the test environment. Within the testing environment, you are free to create any shipment order, so you can test each of your user stories, but unable to sent the real shipment and notifications.

Web Service interface will be described in more details within this document. Web portal manual is not in the scope of this document, but will be introduced shortly within the separate chapter.

Integration necessaries

To realize API integration, you will need following necessaries:

- **Test environment access** – testing environment is limited for the allowed IPs only. Before you begin, you need to contact DPD integration support to allow your IP.

- **Login** – process the registration at Web portal setting your login name and password.

- **DelisID** – unique customer identifier assigned by DPD

* necessary only if you would like to order the COD (Cash on Delivery) shipment service

- **API key** – unique authentication key required to access API

- **Pickup address id** – unique identifier of your pickup address, that will be automatically assigned after you create the pickup address within the web portal. You can be granted to have more than 1 pickup address. It depends on type of cooperation.

- **Bank account id** – to order COD (Cash on Delivery) shipment, it is necessary to add your bank account and request its approval. You can find in the web portal application. You have to reference it in your shipment order requests by the identifier whereby you order COD additional service. Until your bank account is approved, all your COD orders are with this bank account, but all downstream systems of DPD are not informed about this specific connection, and your order COD detail are without bank connection detail.

- **Parcel range** – assigned parcel numbers you can use within your shipment orders. Those are assigned by the registration activation. If you consumed all your parcel numbers, DPD Integration support can assign a new parcel range for you. Knowing assigned parcel range is necessary if you are managing parcel order numbers (parcelno) at your side. This is less common as opposite, you create orders without knowing order numbers (parcelno) and DPD system assign these for your order.

Testing and Live environments are separated. To Go Live, you have to process the registration and your profile settings on Live environment. Assigned identifiers should be different from the testing ones.

DPD Portal

DPD portal is a web application available in both testing and live environment. Testing environment is accessible only from allowed IPs.

Registration

To use DPD portal, you have to process through the registration first:

1. Access the web portal and follow the Free registration link as illustrated on the figures below

2. Integration API is available only for invoiced organization. Choose *"Organization"* address type and *option "I would like to become an invoiced customer"* in Other Information section. If you already are an invoiced customer with assigned DelisId, choose option *"I am already an invoiced customer"*. Fill in and submit the form providing all the required information. Specified email address will be your signing name – **login**. You will receive email with further instructions to complete the registration.

Figure 1: Registration step 1

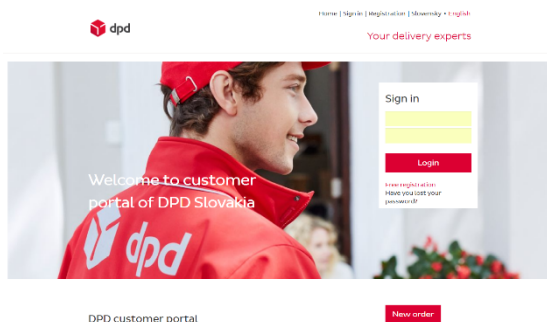*Figure 2: Registration step 2*

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3. After the registration is completed, ***contact the DPD integration team***, that will approve your registration and ***activate your account***. While activating your account, DPD integration team will also approve your pickup addresses and bank account and assign the **parcel range** for you. Only approved pickup address and bank account can be used.

API Identifiers

As mentioned above, you can reference sender address and bank account by specifying the assigned identifier. These identifiers can be found in a Settings Section as shown in the figures below.

Pickup addresses

Pickup address is the address that will be used to collect the ordered shipment by courier. Your default pickup address is the one specified by the registration. You can specify more pickup addresses. Each of the pickup addresses has to be approved by the DPD integration team. While using testing environment, this is not done automatically and you have to contact DPD integration team to do that for you. While using live environment, this is handle by process people of sales and customer support take care of.

- In the most left column (ID), there is the pickup address identifier.
- In the Confirmation status column, there is the status of the address approval. Status Approved is required to use this address.
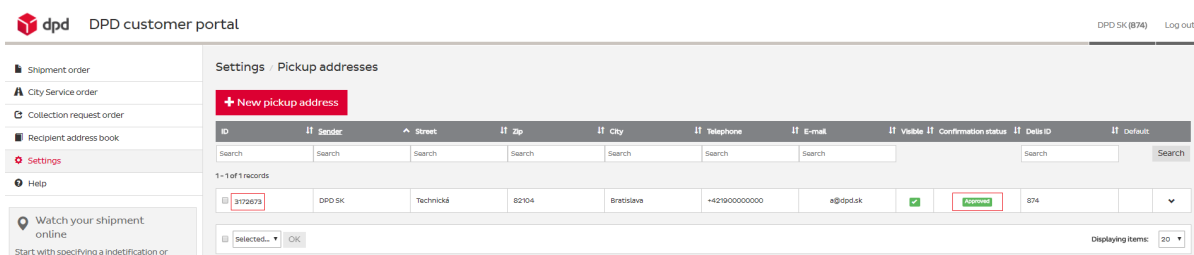
Figure 3: Settings > Pickup addresses

DelisId

DelisId is your unique customer number. You can find this in the Settings Pickup address section, too.
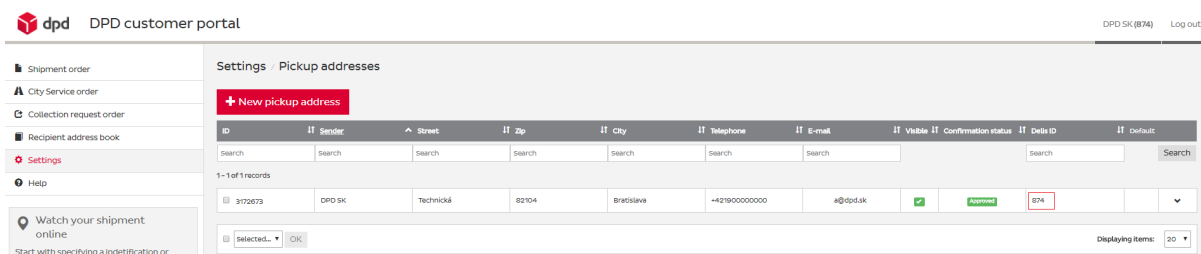
Figure 4: Settings > Pickup addresses - DelisID

Bank account

Bank account is the account where the collected COD money will be posted by DPD. This have to be approved, too.
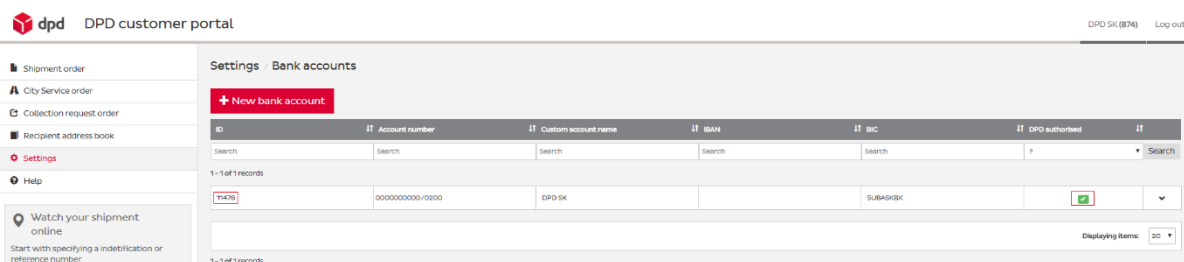
Figure 5: Settings > Bank Accounts

Shipment Orders List

All the shipment orders you created are listed in the "Shipment Order Section". You can see the order details clicking the arrow in the most right column.

Figure 6: Shipment order List

Figure 7: Shipment Order Detail
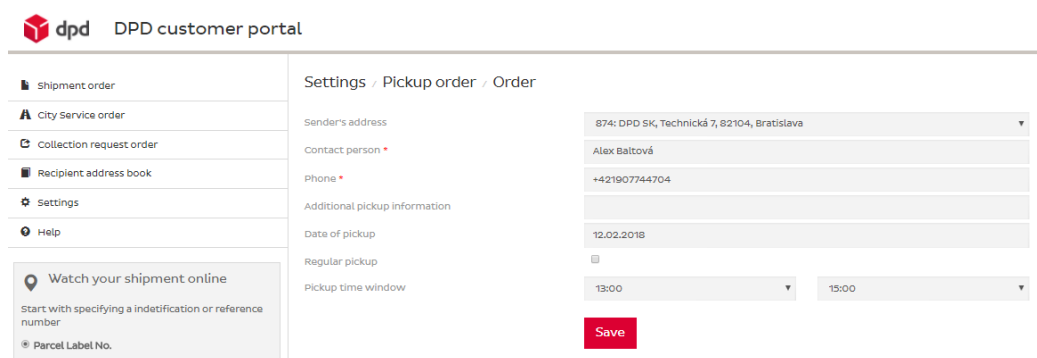
Pickup Order

To set the pickup order means to specify the date and time, when the courier will pick up your ordered shipments. You can set:

- onetime pickup - courier will come only once on the day and time you specified
- regular pickup - courier will come regularly on the specified day and time

Onetime Pickup

To order onetime pickup, specify the date and time interval, when you will be ready to drop off the ordered shipment to courier. It is recommended to order the pickup a day before to be sure, that the courier should fulfil your request. The smaller time interval you can specify is two hours. You can order a pickup from one of your approved pickup (sender) addresses.

Figure 8: Onetime pickup order

Regular Pickup

To order regular pickup, specify a week day(s) and, time interval and a date of the first pickup, when you will be ready to drop off the ordered shipment to courier.

For example, if you specify Monday, time interval 10:00 – 12:00 and a first day of pickup 13th of February, courier will come each Monday after 13th of February in this time. In this example, the first Monday after this date is 19th of February.

Quick Start

1. Setting the testing environment

DPD provides the testing environment, that is dedicated for the integration implementation and testing. Within the testing shipment, you are free to create any shipment so you can test each of your user stories, but unable to sent the real shipment and notifications.

1.1 Testing environment access

Within the testing environment, there is available :
- portal web application » https://capi.dpdportal.sk
- Shipment API » https://capi.dpdportal.sk/apix/shipment .

Access is limited to the user IP. To access the testing API contact DPD Integration support.

1.2 Testing DPD portal user registration

Register at https://capi.dpdportal.sk. To activate your account, contact DPD Integration support, that will provide the API authorization key and testing parcel range. Have your login (email) you used for registration prepared.

1.3 Choose the web service types

DPD API provides both :
- SOAP Web Service » https://capi.dpdportal.sk/apix/shipment » definition: https://capi.dpdportal.sk/apix/shipment/?wsdl
- JSON-RPC2 » https://capi.dpdportal.sk/apix/shipment/json

Choose the service that will most conform to your needs.

1.4 Test your WS endpoint

Before you start the implementation, realize your testing web service request to test connectivity and provided credentials and identifiers.

1.5 Implement and test web service client

Implement the web service client conforming your required usage scenarios. All your assigned unique identifiers, and the shipments you create are available in the test dpd portal web application.

2. GO Live

Before you can GO LIVE, you need to repeat the previous steps on the production environment, your testing credentials and parameters will differ on live environment.

2.1 DPD portal user registration

Process the user registration. Contact DPD integration support to get live API key and to assigne your parcel range.

2.2 Test production service

Live services are available here :
- SOAP Web Service (https://api.dpdportal.sk/shipment) » definition: https://api.dpdportal.sk/shipment/?wsdl
- JSON-RPC2 (https://api.dpdportal.sk/shipment/json).

Retest the production endpoint using provided live parameters.

2.3 GO LIVE

After everything works fine, you can plan your deployment. It is recommended to contact the DPD integration support, who can help you to ease the deployment process.

DPD Products and Services

There are more DPD products including additional services to provide the proper required quality and conform of the transport of your shipments. In this chapter, we will introduce the products and services you can order using our Shipment API. All DPD products and services are always up-to-date available at your company webpage: https://www.dpd.com/sk_en/business_customers/produkty_a_sluzby

DPD Products

DPD Classic (1)

Our Classic parcel service is the most economical solution for domestic shipping. It provides the transfer of the parcel from one of your approved pickup addresses to a recipient business address. This service is appropriate for **business customers**. It provides these benefits:

- Standard delivery time just next day.
- Includes insurance of up to 2 500 € per parcel, Higher insurance available.
- Three delivery attempts,
- Online proof of delivery, including recipient's confirmation of receipt (P.O.D.) on the Internet

This product is specified by the product code **1**.

DPD Express services, DPD Guarantee, DPD 18 (2)

Your shipments will arrive quickly and safely in 15 countries. You can plan your shipments precisely using our delivery time calculator. Why not test it for yourself!

- Delivery at specified date in the ever-growing number of European countries.
- Excellent value for money.
- Prompt information ensures security and transparency.
- Insurance up to 520 €.
- Ability to track shipments online.

Product is specified by product code **2**.

DPD Express services, DPD 10 (3), DPD 12 (4)

DPD provide express services related to time of delivery of your consignments.

- DPD 10:00 – product code 3, delivery is made until 10:00

- DPD 12:00 – product code 4, delivery is made until 12:00

DPD 10:00 and DPD 12:00 services are available only for domestic shipping and specific areas (ranges of zip codes). Available cities/towns are displayed on our company webpage or could be obtained from integration

support by request. If you order express service and consignee zip is not actually available, you will not be able to create order and you obtain validation error.

DPD Home (9)

The product DPD Home offers a responsible service of high-quality delivery of the consignments to **private persons**. It provides the transfer of the parcel from one of your approved pickup addresses to a recipient home address. It provides these benefits:
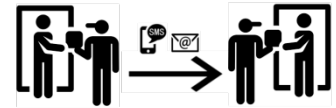
- Recipient is notified of delivery one day in advance by an SMS or email.
- Recipient has a possibility to change the day and/or address of delivery.
- Recipient is notified about the delivery time window with SMS/email sent in the day of delivery.
- Recipient has a possibility to pay for the COD with a bank card.
- If a courier doesn't reach a recipient at home, he shall leave notification in his letterbox.

This product is specified by the product code **9**.

ParcelShop Delivery (17)

The product ParcelShop Delivery offers you to address a parcel to one of our pickup points. The receiver will not be dependent on courier's arrival and is free to pick up his parcel whenever it is suitable for him.
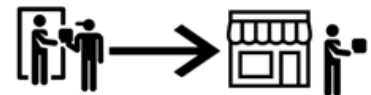
- Recipient is notified on delivery to Parcel Shop with information when he can pick up the package.
- Parcel is deposited in the Pickup within 7 working days.

This product is specified by the product code **17.**

To be able to order delivery to DPD Pickup point, you need to identify ID of desired DPD Pickup point. To do so you could retrieve available points using web service request. See chapter DPD Pickup point finder.

City Service (10)

The City Service is suitable for the delivery of urgent consignments, documents, samples or contracts which the sender needs to deliver to the addressee as fast as possible.

Parcels up to the weight of 31.5 kg can be delivered with the product City Service and combining the City Service with the product Exchange Parcel the DPD clients may send urgent consignments, for example the already signed contracts, back immediately. **This service is only available within Bratislava yet.**

This product is specified by the product code **10.**

DPD Additional Services

Collection Request

We pick up the goods which are to be returned and then deliver them to you or to a third party, the manufacturer, for example collecting broken goods from your customers and transport it to repair center.

SWAP
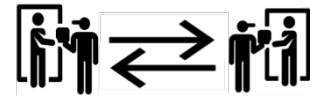
Swap service is the service allowing you to send the parcel to your recipient and take the back parcel from the recipient and deliver it back to you. It is the ideal solution for complaints and guarantee claims. We collect the new goods from you, bring them to the customer, and then bring the faulty shipment back to you. The benefits are no delays for your customers, and the best possible goods-flow monitoring for you.

There are two types of SWAP service. Transfer of two shipments is realized: main parcel and back parcel. Back parcel is picked up while delivering the main parcel.

- **AB** – Pick Up of the parcel on approved sender address A and transfer to chosen address B; pick up of the return parcel on address B and transfer it to address A.

- **ABC** – Pick Up of the parcel on approved sender address A and transfer to chosen address B; Pick Up of the return parcel at address B and transfer it to chosen address C.

Tires

Special service for transporting the tires.

C.O.D (Cash on Delivery)

If you like to play it safe when it comes to payment processing, simply make use of our cash-on-delivery service. It's easy, quick and safe too, thanks to the automatic insurance against loss and damage up to the C.O.D. amount specified.

We will only deliver your parcel in return for immediate payment - with a maximum amount of 6 640 €. The C.O.D. amount will be transferred to your account to 10 working days.

COD service is by default available for all domestic orders. For other countries (list currently consist of Poland, Czech Republic and Hungary) you have to be approved and informed about prerequisites to be able to use this service from your DPD sales representative.

Saturday Delivery

If you need a delivery of your shipment to the consignee during weekend, you can use the service Saturday Delivery. Your shipment will be delivered on Saturday till 5 pm but standardly before 12 o'clock. You can use Saturday Delivery only for the chosen cities.

ID Check

If you want to be really sure, we offer an ID-check with our domestic shipment. Delivery is exclusively to the person you nominate, who must produce their identification document

(identity card, passport or driving license). The delivery is documented in our system together with a section of the ID number, and so can be easily tracked by you.

Notifications

Prior notification of delivery of a parcel in the form of SMS to the consignee's mobile phone one day before arrival of a DPD courier. Additional service Prior SMS notification is conditional on sending a file in a prescribed form to the specified e-mail address, on working days from 15:00 to 19:00.

Availability of additional services for products

	COD	Saturday	Id Check	SMS	SWAP	Tyres	Collection request
DPD Classic	✔	✔	✔	✔	✔	✔	✔
DPD Home	✔	✔	✔	✔	✔	✔	✔
ParcelShop	✔	✘	✔	✔	✘	✘	✘
CityService	✔	✘	✘	✘	✔	✘	✔
DPD 10:00 / 12:00 / 18:00	✔	✘	✔	✔	✔	✘	✘

Shipment Service Parameters

There are two shipment service interfaces – SOAP and JSON, those are described in detail in the next chapters. Both interfaces comply with the structure and validation conditions described below.

Request parameters

Request is structured, it consists of authentication header and the body, containing the information necessary to order the shipment transfer.

Header

Parameter	Mandatory	Value	Description
ClientKey	Y	[a-Z0-9]{32}	assigned authorization key issued by the DPD integration support
Email	Y	[a-Z0-9@._]{5,50}	dpdportal user registration email
Password	N		dpdportal password

Body

Parameter	Mandatory	Value	Description
reference	Y	[a-Z0-9]{1,35}	user shipment identifier, you will retrieve it in response
delisId	Y	[A-Z0-9]{6}	valid customer number assigned by DPD
note	N	[a-Z0-9]{1,35}	shipmen note (displayed on parcel label)
reference1	N	[a-Z0-9]{1,35}	user shipment identifier
reference2	N	[a-Z0-9]{1,35}	user shipment identifier
reference3	N	[a-Z0-9]{1,35}	user shipment identifier
product	Y	[0-9]{1,2}	shipment product identifier
pickup	Y	*complex type*	pickup address and date
addressSender	Y	*complex type*	sender address id, or complete address (for specific product / services)
addressRecipient	Y	*complex type*	recipient address
parcels	Y	*complex type*	parcels can contain one or more parcels
services	N	*complex type*	additional services to the main product
pinCode	N	[0-9]{4,20}	pincode known to recipient to confirm delivery

Pick Up

Specify date and time of the shipment. The date must be in future, availability of the shipment date will be verified.

Parameter	Mandatory	Value	Description
date	Y	YYYYMMDD	date of the pick up of the shipment by courier
timeWindow	N	*complex type*	time interval, when the shipment can be picked up
note	N	[a-Z0-9]{1,70}	user note for the pickup
address	N	*complex type*	For future use (pilot)

Time Window

Specify preffered pick up time interval. This can be specified only in case of standard shipment. The minimum length of the time slot have to be 4 hours.

Parameter	Mandatory	Value	Description
beginning	O	HHMM	Beginning of the pickup time interval
end	O	HHMM	End of the pickup time interval

Address

Specify the address and contact information of transfering parties. In general, you can define address by assigned identifier without the need of specifying of other parameters, or you can exclude id and specify the address by including the other parameters. If standard transfer is ordered, *it is mandatory* to reference the sender address by id. *Only sender address can be referenced by identifier*.

Parameter	Mandatory	Value	Description
id	O	[0-9]{1,10}	sender address identifier created in dpd portal, when used, all other address parameters are optional
type	O	(b2b/b2c/psd)	type of the address according to the type of the sender
name	O	[a-Z]{5,50}	name of the sender
nameDetail	N	[a-Z]{5,50}	additional name detail
street	O	[a-Z]{5,35}	street of the sender
streetDetail	N	[a-Z]{5,35}	additional street detail
houseNumber	O	[0-9]{1,10}	house number
zip	O	[0-9]{1,7}	ZIP code

country	O	[0-9]{3}	numeric country code according to ISO 3166-1 numeric
city	O	[a-Z]{5,35}	delivery city
phone	O	(+)[0-9]{1,29}	valid phone number in e.164 format
email	N	[a-Z0-9@._]{5,50}	valid email address
reference	N	[a-Z]{5,35}	user address reference
note	N	[a-Z0-9]{1,70}	user note
ico	O	[0-9]{6,20}	ICO - sender vat number
vatId	O	[0-9]{6,20}	DIC - sender vat number
vatId2	N	[A-Z0-9]{6,20}	IC DPH - sender vat number

Parcels

Parameter	Mandatory	Value	Description
Parcel	Y	*complex type*	parcels can contain one or more parcels

Parcel

Specify every parcel within your shipment.

Parameter	Mandatory	Value	Description
reference1	O	[a-Z0-9]{1,35}	user reference – will be printed on the label, mandatory if reference 2 is set
reference2	O	[a-Z0-9]{1,35}	user reference – will be printed on the label, mandatory if reference 3 is set
reference3	N	[a-Z0-9]{1,35}	user reference – will be printed on the label
parcelno	N	[0-9]{14}	parcelno from the assigned parcel range, if not filled, parcel number will be assigned by the system
weight	Y	[0-9]{3}(.)[0-9]{1,2}	weight of the parcel. Those weights are available according to country codes : SR (703) : <0.1, 50> ; Other countries : <0.1, 31.5>
height	O	[0-9]{3}	height of the parcel
width	O	[0-9]{3}	width of the parcel
depth	O	[0-9]{3}	depth of the parcel

Services

The main product is selected by specifying product parameter in the request body. Setting the services, you can order additional services.

Parameter	Mandatory	Value	Description
collectionRequest	N	(1/true/TRUE)	If true, collection request service is ordered
cityService	N	*complex type*	If true, city service is ordered

cod	N	*complex type*	if included, cash on delivery service is ordered
swap	N	*complex type*	if included, swap service is ordered
tyre	N	(1/true/TRUE)	if true, tyres will be transffered
saturdayDelivery	N	(1/true/TRUE)	if true, parcel will be delivered even in saturday
notifications	N	complex type	if true, recipient will be notified on parcel delivery
idCheck	N	complex type	if included, control of identity service is included
parcelShopDelivery	N	complex type	If included, parcel shop delivery is ordered
contentCheck	N	complex type	If included, specific type of delivery with step-by-step instruction process is ordered
windowDelivery	N	complex type	(for future use) If included, maximu date of last delivery trial is specified

City Service

City service is a product available only within the constraint zip range. To set the city service, product has to be set to 10 and city service options have to be set within the services parameters.

Available weight: 31.5 kg.

Available services: COD, SWAP.

Parameter	Mandatory	Value	Description
generateLabels	O	(1/true/TRUE)	if true, response will include label references
subProduct	N	[0-9]{1,4}	0 – city service standard 1 – city service 60 (integration support approval is required) 2 – city service 30 (integration support approval is required)

COD

COD is additional service, that allows to withdraw the money from the recipient and post it to the senders bank account. To use this service, it is necessary to set and request the approval of the senders bank account within the DPD portal.

Available countries : Slovakia, Czech republic, Poland & Hungary.

Available currencies : EUR, CZK, PLN, HUF

Available card payment : Slovakia. Card payment has to be allowed in a user settings within the portal to.

Parameter	Mandatory	Value	Description
amount	Y	[0-9]{2}(.)[0-9]{1,2}	amouny of the COD
currency	Y	ISO 4217 code	currency of the COD
bank account	Y	complex type	bank account
variableSymbol	Y	[0-9]{1,10}	variable symbol of the payment
paymentMethod	Y	(0/1)	0 - cash only, 1 - card payment enabled

Bank Account

Bank account is referenced by assigned identifier. To access the identifier set the bank account within the DPD portal and request its approval.

Parameter	Mandatory	Value	Description
id	Y	[0-9]{1,10}	assigned bank account identifier
name	N	[a-Z0-9]{2,25}	name of the bank
prefix	N	[0-9]{1,10}	bank prefix
number	Y	[0-9]{1,30}	bank account number in legacy format
bankCode	Y	[0-9]{4}	bank code, mandatory if legacy format is used
iban	O	[0-9]{4,40}	bank account number in IBAN format
swift	O	[a-Z0-9]{2,20}	swift code of the bank, mandatory if IBAN is used

SWAP

SWAP is additional service allowing to pick up the return parcel from the recipient by delivering the main shipment and to deliver that return parcel back to the sender, or to the another address.

Parameter	Mandatory	Value	Description
type	Y	(AB/ABC)	type of the service
address	O	complex type	address, where the return parcel is to be returned, mandatory if ABC type is used. Structure and parameters conform to address complex type.
note	N	[a-Z0-9]{2,70}	note for return parcel
count	Y	[0-9]{1,2}	return parcels count

Tires

Tires is additional service allowing the transfer of the tires.

Parameter	Mandatory	Value	Description
tyre	N	(1/true/TRUE)	if true, tires will be transferred

Saturday delivery

Saturday delivery is additional service, that provides the 6/7 transfer service.

Parameter	Mandatory	Value	Description
saturdayDelivery	N	(1/true/TRUE)	if true, parcel will be delivered even in saturday

Notifications

Notifications is the additional service, it provides email and/or sms notification of the recipient. One or more notifications of the unique type can be set.

Parameter	Mandatory	Value	Description
Notifications	N	complex type	if true, recipient will be notified on parcel delivery

Notification

PREADVICE – **type 1** - notification is sent a day before delivery.

REDICT – **type 904 -** notification is sent on a day of delivery and it contains the 1 hour time slot of the predicted delivery time.

PARCEL SHOP – **type 902 -** notification is sent when the parcel is ready to pick up at the specified parcel shop.

It is **mandatory** to set the notification when using **products** DPD Home, Parcel Shop delivery and DPD Classic outside the Slovakia. It is optional for the DPD Classic service inside the Slovakia, and it will be extra charged.

Parameter	Mandatory	Value	Description
type	N	(1/3)	1 email (default value), 3 sms
destination	Y	(((+)[0-9]{1,29})/([a-Z0-9@._]{5,50}))	valid phone number in e.164 format or valid email address
rule	N	(1/904/902)	1 (Preadvice notification), 904 (Predict notification), 902 (ParcelShop notification)
language	N	[A-Z]{2}	alpha-2 ISO country code, SK by default

ID Check

ID check is the additional service providing the identity control by the parcel delivery. This is available only within the Slovakia and has to be allowed within the DPD portal user settings.

Parameter	Mandatory	Value	Description
name	Y	[a-Z]{2,35}	name of the recipient
surname	Y	[a-Z]{2,35}	surname of the recipient
document id	Y	[a-Z0-9]{2,35}	document number (ID card, passport, driving license)
street	O	[a-Z]{5,35}	street from document address to be validated
houseNumber	O	[0-9]{1,10}	house number from document address to be validated
zip	O	[0-9]{1,7}	ZIP from document address to be validated
country	O	[0-9]{3}	numeric country code according to ISO 3166-1 from document address to be validated
city	O	[a-Z]{5,35}	City from document address to be validated

Parameter	Mandatory	Value	Description
validToDate	O	[0-9]{8,8}	document validity in YYYYMMDD format

Parcel Shop Delivery

Parcel Shop delivery is a product providing the delivery to one of the DPD parcel shops. Those are identified by the parcel shop id.

Parameter	Mandatory	Value	Description
parcelShopId	Y	[A-Z0-9]{4,10}	recipients parcel shop identifier

Content check service

Courier during delivery initiates specific process which was pre-agreed with sender (DPD customer).

Parameter	Mandatory	Value	Description
type	Y	[A-Z0-9]{4,50}	recipients parcel shop identifier
description	N	[A-Z0-9]{4,300}	Closer description of process

Delivery window service

Indication of last possible date when last delivery trial could be made.

Parameter	Mandatory	Value	Description
dateTo	Y	[0-9]{8,8}	Date of last possible delivery trial in YYYYMMDD format

Response parameters

Body

Parameter	Value	Description
reference	[a-Z0-9]{1,35}	user shipment identifier
ackCode	{success/ successWithWarning / failure / validation}	success – shipment order was created succesfully successWithWarning – shipment order created and raised a problem failure – shipment order was not created validation – shipment order data is invalid, order was not created
success	boolean	TRUE – shipment order was created succesfully FALSE – shipment order was not created
messages	complex type	result messages
mpsid	[a-Z0-9]{1,22}	assigned shipment identifier
label	url	url with the shipment label

Messages

Parameter	Value	Description
message	text	message raised while processing the order

Message attributes

Parameter	Value	Description
envelope	path	path to the element within the tree
element	element name	name of the element

Service Failure

Fault

Parameter	Value	Description
faultcode	text	103 – Authentication failed 401 – Invalid request 500 – Internal server error 519 – Parcel range is unavailable
faultstring	text	failure description
faultactor	text	failure actor

SOAP Shipment Service

Description

	Service Name	**ShipmentService**
	Version	v2
	SOAP version	SOAP 1.1
	Operations	CreateV1, CreateV2
	Definitions part	https://api.dpdportal.sk/shipment?wsdl https://api.dpdportal.sk/xsd_schema/DPDSecurity_v2.xsd https://api.dpdportal.sk/xsd_schema/ShipmentSchema_v2.xsd https://api.dpdportal.sk/xsd_schema/ShipmentSchema_v1.xsd
LIVE	Service Endpoint	https://api.dpdportal.sk/shipment
	Service WSDL	https://api.dpdportal.sk/shipment?wsdl
	Required Role	Active user of testing version of dpdportal
TEST	Test Service Endpoint	https://capi.dpdportal.sk/apix/shipment
	Live Service WSDL	https://capi.dpdportal.sk/apix/shipment?wsdl
	Required role	Active live dpdportal user

Messages structure

Message structure conforms to the shipment schema referenced above. For detailed verification and validation rules of element values, see chapter Shipment Service Parameters.

- Request message

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
  <soapenv:Header>
    <v2:DPDSecurity>
      <v2:SecurityToken>
        <v2:ClientKey>{assigned API key}</v2:ClientKey>
        <v2:Email>{login}</v2:Email>
      </v2:SecurityToken>
    </v2:DPDSecurity>
  </soapenv:Header>
  <soapenv:Body>
    <v21:CreateRequest>
      <v21:shipment>
        <v21:reference>{user reference}</v21:reference>
        <v21:delisId>{assigned customer identifier}</v21:delisId>
        <v21:note>{user note, optional}</v21:note>
        <v21:reference1>{user reference 1}</v21:reference1>
        <v21:reference2>{user reference 2, optional}</v21:reference2>
        <v21:reference3>{user reference 3, optional}</v21:reference3>
        <v21:product>{product identifier}</v21:product>
        <v21:pickup>
          <v21:date>{pickup date}</v21:date>
          <v21:timeWindow>
            <v21:beginning>{start of the pickup time interval}</v21:beginning>
```

```xml
            <v21:end>{end of the pickup time interval}</v21:end>
        </v21:timeWindow>
        <v21:note>{pickup note, optional}</v21:note>
    </v21:pickup>
    <v21:addressSender>
        <v21:id>{assigned sender address id}</v21:id>
    </v21:addressSender>
    <v21:addressRecipient>
        <v21:type>{b2b/b2c/psd}</v21:type>
        <v21:name>{recipient name}</v21:name>
        <v21:nameDetail>{additional name detail, optional}</v21:nameDetail>
        <v21:street>{recipient street}</v21:street>
        <v21:streetDetail>{additional street detail, optional}</v21:streetDetail>
        <v21:houseNumber>{house number}</v21:houseNumber>
        <v21:zip>{zip}</v21:zip>
        <v21:country>{country numeric code}</v21:country>
        <v21:city>{city}</v21:city>
        <v21:phone>{phone in format +4219XXXXXXXX}</v21:phone>
        <v21:email>{valid email address}</v21:email>
        <v21:reference>{user reference, optional}</v21:reference>
        <v21:note>{additional recipient detail, optional}</v21:note>
        <v21:ico>{ICO, optional}</v21:ico>
        <v21:vatId>{DIC, optional}</v21:vatId>
        <v21:vatId2>{IC DPH, optional}</v21:vatId2>
    </v21:addressRecipient>
    <v21:parcels>
        <!-- one or more repetitions -->
        <v21:parcel>
            <v21:reference1>{user parcel reference 1, optional}</v21:reference1>
            <v21:reference2>{user parcel reference 2, optional}</v21:reference2>
            <v21:reference3>{user parcel reference 3, optional}</v21:reference3>
            <v21:parcelno>{parcel number, if not used, it will be automatically assigned}</v21:parcelno>
            <v21:weight>{weight in kg in format XX.X}</v21:weight>
            <v21:height>{height in cm}</v21:height>
            <v21:width>{width in cm}</v21:width>
            <v21:depth>{depth in cm}</v21:depth>
        </v21:parcel>
    </v21:parcels>
    <v21:services>
        <!-- optional, required only if the collection request product is ordered -->
        <v21:collectionRequest>{true/false}</v21:collectionRequest>
        <!-- optional, required only if the City Service product is ordered -->
        <v21:cityService>
            <v21:generateLabels>{true/false}</v21:generateLabels>
            <v21:subProduct>{sub product}</v21:subProduct>
        </v21:cityService>
        <!-- optional, required only if the COD service is ordered -->
        <v21:cod>
            <v21:amount>{amount in format XX.XX}</v21:amount>
            <v21:currency>{currency}</v21:currency>
            <v21:bankAccount>
            <!-- can be referenced by three options -->
                <!-- 1st option: bank account id -->
                <v21:id>{assigned bank account identifier}</v21:id>
                <!-- 2nd option: bank account number in legacy format -->
                <v21:name>{bank account name}</v21:name>
                <v21:prefix>{bank account prefix}</v21:prefix>
                <v21:number>{bank account number}</v21:number>
                <v21:bankCode>{bank code}</v21:bankCode>
                <!--3rd option: bank account number in IBAN format -->
                <v21:iban>{bank account number in IBAN format}</v21:iban>
                <v21:swift>{bank swift code}</v21:swift>
            </v21:bankAccount>
            <v21:variableSymbol>{variable symbol}</v21:variableSymbol>
            <v21:paymentMethod>{0/1 - cash only/credit card}</v21:paymentMethod>
        </v21:cod>
        <!-- optional, required only if the SWAP service is ordered -->
        <v21:swap>
            <v21:type>{AB/ABC}</v21:type>
            <!-- required if the ABC type is chosen, address of recipient C -->
            <v21:address>
                <v21:type>{b2b/b2c}</v21:type>
                <v21:name>{name}</v21:name>
                <v21:nameDetail>{additional name detail, optional}</v21:nameDetail>
                <v21:street>{street}</v21:street>
                <v21:streetDetail>{additional street detail}</v21:streetDetail>
                <v21:houseNumber>{house number}</v21:houseNumber>
                <v21:zip>{zip}</v21:zip>
                <v21:country>{country numeric code}</v21:country>
                <v21:city>{city}</v21:city>
                <v21:phone>{phone number in format +4219XXXXXXXX}</v21:phone>
                <v21:email>{valid email address}</v21:email>
                <v21:reference>{user address reference, optional}</v21:reference>
                <v21:note>{additional address note, optional}</v21:note>
                <v21:ico>{ICO, optional}</v21:ico>
                <v21:vatId>{DIC, optional}</v21:vatId>
                <v21:vatId2>{IC DPH, optional}</v21:vatId2>
            </v21:address>
```

```
                <v21:parcelno>{parcel number, if none specified, it will be automatically
assigned}</v21:parcelno>
                <v21:note>{additional note, optional}</v21:note>
                <v21:count>{BACK parcels count}</v21:count>
            </v21:swap>
            <!-- optional, required if the Home and Parcel Shop Delivery product is ordered -->
            <v21:tyre>{true/false}</v21:tyre>
            <!-- optional, required if the Saturday Delivery service is ordered -->
            <v21:saturdayDelivery>{true/false}</v21:saturdayDelivery>
            <v21:notifications>
            <!-- optional, required only if the SWAP service is ordered -->
                <v21:notification>
                    <v21:destination>{valid email/phone number}</v21:destination>
                    <v21:type>{1/3 – email/phone number}</v21:type>
                    <v21:rule>{1/904/902 – day before delivery/day of delivery/parcelshop}</v21:rule>
                    <v21:language>{language code}</v21:language>
                </v21:notification>
            </v21:notifications>
            <!-- optional, required only if the Identity Check service is ordered -->
            <v21:idCheck>
                <v21:name>{name of the recipient to be checked}</v21:name>
                <v21:surname>{surname of the recipient to be checked}</v21:surname>
                <v21:documentID>{document id to be checked}</v21:documentID>
            </v21:idCheck>
            <!-- optional, required only if the Parcel Shop Delivery product is ordered -->
            <v21:parcelShopDelivery>
                <v21:parcelShopId>{Parcel Shop unique identifier}</v21:parcelShopId>
            </v21:parcelShopDelivery>
            <v21:instruction>{customers instruction on delivery}</v21:instruction>
            <v21:bSign>
                <v21:documents>
                    <v21:document>
                        <v21:fileName>?</v21:fileName>
                        <v21:documentName>?</v21:documentName>
                        <v21:documentType>?</v21:documentType>
                        <v21:copies>?</v21:copies>
                        <v21:copiesToReturn>?</v21:copiesToReturn>
                        <v21:signatureDescriptors>
                            <v21:documentSignatureDescriptor>
                                <v21:signString>?</v21:signString>
                                <v21:mandatory>?</v21:mandatory>
                            </v21:documentSignatureDescriptor>
                        </v21:signatureDescriptors>
                        <v21:checksum>?</v21:checksum>
                        <v21:data>?</v21:data>
                        <v21:documentId>?</v21:documentId>
                        <v21:documentOrder>?</v21:documentOrder>
                        <v21:returnMethod>?</v21:returnMethod>
                    </v21:document>
                </v21:documents>
                <v21:documentCount>?</v21:documentCount>
                <v21:pinCode>?</v21:pinCode>
                <v21:workflowId>?</v21:workflowId>
                <v21:printBatchId>?</v21:printBatchId>
            </v21:bSign>
        </v21:services>
        </v21:shipment>
        </v21:CreateRequest>
    </soapenv:Body>
</soapenv:Envelope>
```

- Response Message

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <SOAP-ENV:Body>
        <ns1:CreateResponse>
            <ns1:result>
                <ns1:reference>{request reference}</ns1:reference>
                <ns1:ackCode>{return code}</ns1:ackCode>
                <ns1:success>{true / false}</ns1:success>
                <ns1:messages>
                    <ns1:message>{response message}</ns1:message>
                </ns1:messages>
                <ns1:mpsid>{shipment identifier}</ns1:mpsid>
                <ns1:label>{shipment label(s) URL} </ns1:label>
            </ns1:result>
        </ns1:CreateResponse>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Usage scenarios

1. Classic Delivery – D (1)

- Request

In example, we order DPD Classic service choosing the product 1.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
   <soapenv:Header>
      <v2:DPDSecurity>
         <v2:SecurityToken>
            <v2:ClientKey>********/v2:ClientKey>
            <v2:Email>portal@user.sk</v2:Email>
         </v2:SecurityToken>
      </v2:DPDSecurity>
   </soapenv:Header>
   <soapenv:Body>
      <v21:CreateRequest>
         <v21:shipment>
            <v21:reference>moja_referencia</v21:reference>
            <v21:delisId>BA0000</v21:delisId>
            <v21:product>1</v21:product>
            <v21:pickup>
               <v21:date>20180129</v21:date>
               <v21:timeWindow>
                  <v21:beginning>1400</v21:beginning>
               </v21:timeWindow>
            </v21:pickup>
            <v21:addressSender>
               <v21:id>1800628</v21:id>
            </v21:addressSender>
            <v21:addressRecipient>
               <v21:type>b2b</v21:type>
               <v21:name>John Doe</v21:name>
               <v21:street>Testing Street</v21:street>
               <v21:houseNumber>9</v21>
               <v21:zip>84105</v21:zip>
               <v21:country>703</v21:country>
               <v21:city>Bratislava</v21:city>
               <v21:phone>+421000000000</v21:phone>
               <v21:email>john@doe.ema</v21:email>
            </v21:addressRecipient>
            <v21:parcels>
               <v21:parcel>
                  <v21:weight>1</v21:weight>
                  <v21:height>1</v21:height>
                  <v21:width>1</v21:width>
                  <v21:depth>1</v21:depth>
               </v21:parcel>
            </v21:parcels>
         </v21:shipment>
      </v21:CreateRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

- Response

Succesfull respons includes the parcel label link.

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
   <SOAP-ENV:Body>
      <ns1:CreateResponse>
         <ns1:result>
            <ns1:reference>moj</ns1:reference>
            <ns1:ackCode>successWithWarning</ns1:ackCode>
            <ns1:success>true</ns1:success>
            <ns1:messages>
               <ns1:message>Shipment was saved successfully but the arrival time
of DPD courier was adjusted based on an existing pickup for the selected
day.</ns1:message>
            </ns1:messages>
            <ns1:mpsid>0650501617231420180207</ns1:mpsid>
            <ns1:label>https://capi.dpdportal.sk/label/?data=5fw7Oko9Zt%2F5AXNSx%
2FNE%2BlAkhZPNLLc2JtnM0%2FkJlaBrJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrM
sN3tvLKq0A5dIniYPqI%2FIFfa%2B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPO
fU6zRCi0nzC07U1qH4ulJMVJiGKUwq797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cb
wcwztuGejHt5dFeOOaTARdDC5xQr7%2F2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj
%2Fo1118aIGH42KgueJMrkYJTEarUpG%2Bh4fa3DZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2MoahqaCK
M1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON3%2BVp0ebo%3D</ns1:label>
         </ns1:result>
```

```
        </ns1:CreateResponse>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

2. Home Delivery – D-B2C (9)

- Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <soapenv:Header>
        <v2:DPDSecurity>
            <v2:SecurityToken>
                <v2:ClientKey>******</v2:ClientKey>
                <v2:Email>portal@user.sk</v2:Email>
            </v2:SecurityToken>
        </v2:DPDSecurity>
    </soapenv:Header>
    <soapenv:Body>
        <v21:CreateRequest>
            <v21:shipment>
                <v21:reference>mojbalik</v21:reference>
                <v21:delisId>BA0000</v21:delisId>
                <v21:product>9</v21:product>
                <v21:pickup>
                    <v21:date>20180215</v21:date>
                    <v21:timeWindow>
                        <v21:beginning>1000</v21:beginning>
                    </v21:timeWindow>
                    <v21:note>?</v21:note>
                </v21:pickup>
                <v21:addressSender>
                    <v21:id>1800628</v21:id>
                </v21:addressSender>
                <v21:addressRecipient>
                    <v21:type>b2c</v21:type>
                    <v21:name>John Doe</v21:name>
                    <v21:street>Testing Street</v21:street>
                    <v21:houseNumber>9</v21:houseNumber>
                    <v21:zip>84105</v21:zip>
                    <v21:country>703</v21:country>
                    <v21:city>Bratislava</v21:city>
                    <v21:phone>+421900000000</v21:phone>
                    <v21:email>john@doe.ema</v21:email>
                </v21:addressRecipient>
                <v21:parcels>
                    <v21:parcel>
                        <v21:weight>1</v21:weight>
                        <v21:height>1</v21:height>
                        <v21:width>1</v21:width>
                        <v21:depth>1</v21:depth>
                    </v21:parcel>
                </v21:parcels>
                <v21:services>
                    <v21:notifications>
                        <v21:notification>
                            <v21:destination>+421901000000</v21:destination>
                            <v21:type>3</v21:type>
                            <v21:rule>904</v21:rule>
                            <v21:language>SK</v21:language>
                        </v21:notification>
                        <v21:notification>
                            <v21:destination>moj@email.sk</v21:destination>
                            <v21:type>1</v21:type>
                            <v21:rule>904</v21:rule>
                            <v21:language>SK</v21:language>
                        </v21:notification>
                    </v21:notifications>
                </v21:services>
            </v21:shipment>
        </v21:CreateRequest>
    </soapenv:Body>
</soapenv:Envelope>
```

- Response

```xml
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <SOAP-ENV:Body>
        <ns1:CreateResponse>
            <ns1:result>
                <ns1:reference>mojbalik</ns1:reference>
```

```
            <ns1:ackCode>successWithWarning</ns1:ackCode>
            <ns1:success>true</ns1:success>
            <ns1:messages>
                <ns1:message>Shipment was saved successfully but the arrival
time of DPD courier was adjusted based on an existing pickup for the selected
day.</ns1:message>
            </ns1:messages>
            <ns1:mpsid>0650501617231720180207</ns1:mpsid>
            <ns1:label>https://capi.dpdportal.sk/label/?data=lcsTGfSLw4Ve1DPhqp
lNDrFTGybwWyzk82qKSh%2Bs1n5rJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN
3tvLKq0A5dIniYPqI%2FIFfa%2B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPO
fU6zRCi0nzC07U1qH4ulJMVJiGKUwq797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8
cbwcwztuGejHt5dFeOOaTARdDC5xQr7%2F2F2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2F
ZWaj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2Bh4fa3DZtX%2Byc%2BBBSn%2Bervt8I0hE7fJVjs2Mo
ahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON3%2BVp0ebo%3D</ns1:label>
        </ns1:result>
    </ns1:CreateResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

3. Classic Delivery with Cash On Delivery – D-COD (1)

- Request

In example we order product DPD Classic (1) including the Cash On Delivery service by filling the COD tree in a request. To order the COD service, you need to add an bank account within the DPD portal and request the approval first.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <soapenv:Header>
        <v2:DPDSecurity>
            <v2:SecurityToken>
                <v2:ClientKey>******</v2:ClientKey>
                <v2:Email>portal@user.sk</v2:Email>
            </v2:SecurityToken>
        </v2:DPDSecurity>
    </soapenv:Header>
    <soapenv:Body>
        <v21:CreateRequest>
            <v21:shipment>
                <v21:reference>moj</v21:reference>
                <v21:delisId>874</v21:delisId>
                <v21:product>1</v21:product>
                <v21:pickup>
                    <v21:date>20180215</v21:date>
                    <v21:timeWindow>
                        <v21:beginning>1000</v21:beginning>
                    </v21:timeWindow>
                </v21:pickup>
                <v21:addressSender>
                    <v21:id>1800628</v21:id>
                </v21:addressSender>
                <v21:addressRecipient>
                    <v21:type>b2b</v21:type>
                    <v21:name>John Doe</v21:name>
                    <v21:street>Testing Street</v21:street>
                    <v21:houseNumber>9</v21:houseNumber>
                    <v21:zip>84105</v21:zip>
                    <v21:country>703</v21:country>
                    <v21:city>Bratislava</v21:city>
                    <v21:phone>+421900000000</v21:phone>
                    <v21:email>john@doe.ema</v21:email>
                </v21:addressRecipient>
                <v21:parcels>
                    <v21:parcel>
                        <v21:weight>1</v21:weight>
                        <v21:height>1</v21:height>
                        <v21:width>1</v21:width>
                        <v21:depth>1</v21:depth>
                    </v21:parcel>
                </v21:parcels>
                <v21:services>
                    <v21:cod>
                        <v21:amount>10.00</v21:amount>
                        <v21:currency>EUR</v21:currency>
                        <v21:bankAccount>
                            <v21:id>9123</v21:id>
                        </v21:bankAccount>
                        <v21:variableSymbol>111111</v21:variableSymbol>
                        <v21:paymentMethod>1</v21:paymentMethod>
                    </v21:cod>
                </v21:services>
```

```
            </v21:shipment>
        </v21:CreateRequest>
    </soapenv:Body>
</soapenv:Envelope>
```

- Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <SOAP-ENV:Body>
        <ns1:CreateResponse>
            <ns1:result>
                <ns1:reference>moj</ns1:reference>
                <ns1:ackCode>successWithWarning</ns1:ackCode>
                <ns1:success>true</ns1:success>
                <ns1:messages>
                    <ns1:message>Shipment was saved successfully but the arrival
time of DPD courier was adjusted based on an existing pickup for the selected
day.</ns1:message>
                </ns1:messages>
                <ns1:mpsid>0650501617231620180207</ns1:mpsid>
                <ns1:label>https://capi.dpdportal.sk/label/?data=HZypH3qDwPm3oO8V8Q
zGa2MlZkKtiCxBrDRiRydxFkFrJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN3t
vLKq0A5dIniYPqI%2FIFfa%2B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU
6zRCi0nzC07U1qH4ulJMVJiGKUwq797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cb
wcwztuGejHt5dFeOOaTARdDC5xQr7%2F2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZW
aj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2Bh4fa3DZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2Moah
qaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON3%2BVp0ebo%3D</ns1:label>
            </ns1:result>
        </ns1:CreateResponse>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4. Exchange Home Delivery – D-SWAP-B2C

- Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <soapenv:Header>
        <v2:DPDSecurity>
            <v2:SecurityToken>
                <v2:ClientKey></v2:ClientKey>
                <v2:Email>portal@user.sk</v2:Email>
            </v2:SecurityToken>
        </v2:DPDSecurity>
    </soapenv:Header>
    <soapenv:Body>
        <v21:CreateRequest>
            <v21:shipment>
                <v21:reference>moj</v21:reference>
                <v21:delisId>874</v21:delisId>
                <v21:product>9</v21:product>
                <v21:pickup>
                    <v21:date>20180209</v21:date>
                    <v21:timeWindow>
                        <v21:beginning>1000</v21:beginning>
                    </v21:timeWindow>
                </v21:pickup>
                <v21:addressSender>
                    <v21:id>1800628</v21:id>
                </v21:addressSender>
                <v21:addressRecipient>
                    <v21:type>b2c</v21:type>
                    <v21:name>John Doe</v21:name>
                    <v21:nameDetail>?</v21:nameDetail>
                    <v21:street>Testing Street</v21:street>
                    <v21:houseNumber>9</v21:houseNumber>
                    <v21:zip>84105</v21:zip>
                    <v21:country>703</v21:country>
                    <v21:city>Bratislava</v21:city>
                    <v21:phone>+421900000000</v21:phone>
                    <v21:email>john@doe.ema</v21:email>
                </v21:addressRecipient>
                <v21:parcels>
                    <v21:parcel>
                        <v21:weight>1</v21:weight>
                        <v21:height>1</v21:height>
                        <v21:width>1</v21:width>
                        <v21:depth>1</v21:depth>
```

```
                </v21:parcel>
            </v21:parcels>
             <v21:services>
                <v21:swap>
                    <v21:type>ABC</v21:type>
                     <v21:address>
                        <v21:type>b2b</v21:type>
                        <v21:name>Jozko Mrkvicka</v21:name>
                        <v21:street>Mrkvickova</v21:street>
                        <v21:houseNumber>4</v21:houseNumber>
                        <v21:zip>84501</v21:zip>
                        <v21:country>703</v21:country>
                        <v21:city>Bratislava</v21:city>
                        <v21:phone>+421900000000</v21:phone>
                        <v21:email>jozko@mrkvic.ka</v21:email>
                     </v21:address>
                    <v21:count>1</v21:count>
                </v21:swap>
                <v21:notifications>
                    <v21:notification>
                        <v21:destination>+421901000000</v21:destination>
                        <v21:type>3</v21:type>
                        <v21:rule>904</v21:rule>
                        <v21:language>SK</v21:language>
                    </v21:notification>
                    <v21:notification>
                        <v21:destination>moj@email.sk</v21:destination>
                        <v21:type>1</v21:type>
                        <v21:rule>904</v21:rule>
                        <v21:language>SK</v21:language>
                    </v21:notification>
                </v21:notifications>
            </v21:services>
        </v21:shipment>
    </v21:CreateRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

- Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <SOAP-ENV:Body>
        <ns1:CreateResponse>
            <ns1:result>
                <ns1:reference>moj</ns1:reference>
                <ns1:ackCode>success</ns1:ackCode>
                <ns1:success>true</ns1:success>
                <ns1:messages>
                    <ns1:message>Objednávka bola úspešne uložená.</ns1:message>
                </ns1:messages>
                <ns1:mpsid>065050161723182018020 7</ns1:mpsid>
                <ns1:label>https://capi.dpdportal.sk/label/?data=fyLRxGPNaSa%2FzOnMEsqV
uX1OBVEbr8oAeraj2myDoESTkqfGnFFZ4YKkKazd8Ijs9UqUkjFf%2BMzrWEMggEvfIvvk%2BsxH%2BAAId
xhKu5yJtSydijjOCutlPdsCpys%2B7%2Bi0GG2ORr2kfgDwgGNzb9QWA4JZaMgv%2FlzRNzNnKn1A4otRYU
Wm4jYqmUmcU8VX1ZcyLGCfqP02iDGg%2F7Ei21ctxFEMqkmIepd9O3Mtnk9xwffGGL5E1X%2FKQjePOdzzI
DJGLFqFWVxFPyljzrr7h13pWl6ZgjJICGkEefF%2BmRVnIcz0ofgiacYzzKJkWuTlD6tuz2RkQ1xC88Wzqd
IF7%2B2ZNXGuPW0Ir53nn0aeZLlmcsQFq%2B01d3skzhv99mzsGcqWVV0AkMKeMFLDG%2FDrsk%2BrXqwcT
s6VrQoGu4raWO1rp4NM5EP14BtcS9w1G1gzTs9K0yeoHP5HMrjHUxcEc89CnQ%3D%3D</ns1:label>
            </ns1:result>
        </ns1:CreateResponse>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

5. Classic Tires Delivery

- Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
   <soapenv:Header>
      <v2:DPDSecurity>
         <v2:SecurityToken>
            <v2:ClientKey>******</v2:ClientKey>
            <v2:Email>portal@user.sk</v2:Email>
         </v2:SecurityToken>
      </v2:DPDSecurity>
   </soapenv:Header>
   <soapenv:Body>
      <v21:CreateRequest>
         <v21:shipment>
            <v21:reference>moj</v21:reference>
            <v21:delisId>874</v21:delisId>
            <v21:product>1</v21:product>
            <v21:pickup>
               <v21:date>20180215</v21:date>
               <v21:timeWindow>
                  <v21:beginning>1000</v21:beginning>
               </v21:timeWindow>
            </v21:pickup>
            <v21:addressSender>
               <v21:id>1800628</v21:id>
            </v21:addressSender>
            <v21:addressRecipient>
               <v21:type>b2b</v21:type>
               <v21:name>John Doe</v21:name>
               <v21:street>Testing Street</v21:street>
               <v21:houseNumber>9</v21:houseNumber>
               <v21:zip>84105</v21:zip>
               <v21:country>703</v21:country>
               <v21:city>Bratislava</v21:city>
               <v21:phone>+421900000000</v21:phone>
               <v21:email>john@doe.ema</v21:email>
            </v21:addressRecipient>
            <v21:parcels>
               <v21:parcel>
                  <v21:weight>10</v21:weight>
                  <v21:height>1</v21:height>
                  <v21:width>1</v21:width>
                  <v21:depth>1</v21:depth>
               </v21:parcel>
            </v21:parcels>
            <v21:services>
               <v21:tyre>true</v21:tyre>
            </v21:services>
         </v21:shipment>
      </v21:CreateRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

- Response

```xml
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
   <SOAP-ENV:Body>
      <ns1:CreateResponse>
         <ns1:result>
            <ns1:reference>moj</ns1:reference>
            <ns1:ackCode>successWithWarning</ns1:ackCode>
            <ns1:success>true</ns1:success>
            <ns1:messages>
               <ns1:message>Objednávka bola úspešne uložená ns1:message>
            </ns1:messages>
            <ns1:mpsid>0650501617232420180207</ns1:mpsid>
            <ns1:label>https://capi.dpdportal.sk/label/?data=siF9vOOJJ6HCaBmEa76hsD
xLBSxGIQYj0PnzGxcYERxrJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN3tvLKq0A5d
IniYPqI%2FIFfa%2B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU6zRCi0nzC07U
1qH4ulJMVJiGKUwq797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeO
OaTARdDC5xQr7%2F2F2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15Uyl0uAEF%2FZWaj%2Fo1118aIGH42Kgue
JMrkYJTEarUpG%2Bh4fa3DZtX%2Byc%2BBBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2F
puR40EEQYcmsmVON3%2BVp0ebo%3D</ns1:label>
         </ns1:result>
      </ns1:CreateResponse>
   </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

6. City Service – SD

- Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
   <soapenv:Header>
      <v2:DPDSecurity>
         <v2:SecurityToken>
            <v2:ClientKey>******</v2:ClientKey>
            <v2:Email>portal@user.sk</v2:Email>
         </v2:SecurityToken>
      </v2:DPDSecurity>
   </soapenv:Header>
   <soapenv:Body>
      <v21:CreateRequest>
         <v21:shipment>
            <v21:reference>moj</v21:reference>
            <v21:delisId>874</v21:delisId>
             <v21:product>10</v21:product>
            <v21:pickup>
               <v21:date>20180215</v21:date>
               <v21:timeWindow>
                  <v21:beginning>1000</v21:beginning>
               </v21:timeWindow>
            </v21:pickup>
            <v21:addressSender>
               <v21:type>b2b</v21:type>
               <v21:name>Tester Testovic</v21:name>
               <v21:street>Cikkerova</v21:street>
               <v21:houseNumber>2</v21:houseNumber>
               <v21:zip>84105</v21:zip>
               <v21:country>703</v21:country>
               <v21:city>Bratislava</v21:city>
               <v21:phone>+421900000000</v21:phone>
               <v21:email>john@doe.ema</v21:email>
             </v21:addressSender>
            <v21:addressRecipient>
               <v21:type>b2b</v21:type>
               <v21:name>John Doe</v21:name>
               <v21:street>Cikkerova</v21:street>
               <v21:houseNumber>2</v21:houseNumber>
               <v21:zip>84105</v21:zip>
               <v21:country>703</v21:country>
               <v21:city>Bratislava</v21:city>
               <v21:phone>+421900000000</v21:phone>
               <v21:email>john@doe.ema</v21:email>
            </v21:addressRecipient>
            <v21:parcels>
               <v21:parcel>
                  <v21:weight>10</v21:weight>
                  <v21:height>1</v21:height>
                  <v21:width>1</v21:width>
                  <v21:depth>1</v21:depth>
               </v21:parcel>
            </v21:parcels>
            <v21:services>
                <v21:cityService>
                  <v21:generateLabels>true</v21:generateLabels>
                  <v21:subProduct>0</v21:subProduct>
                </v21:cityService>
             </v21:services>
         </v21:shipment>
      </v21:CreateRequest>
   </soapenv:Body>
</soapenv:Envelope>
```

- Response

```xml
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
   <SOAP-ENV:Body>
      <ns1:CreateResponse>
         <ns1:result>
            <ns1:reference>moj</ns1:reference>
            <ns1:ackCode>success</ns1:ackCode>
            <ns1:success>true</ns1:success>
            <ns1:messages>
               <ns1:message>Objednávka bola úspešne uložená.</ns1:message>
            </ns1:messages>
            <ns1:mpsid>0650501617233420180208</ns1:mpsid>

<ns1:label>https://capi.dpdportal.sk/label/?data=kxvZoHjijr4E7icKSvnd%2FH2MKhl7rhVT
```

```
GvA1dciLiitrJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN3tvLKq0A5dIniYPqI%2F
IFfa%2B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU6zRCi0nzC07U1qH4ulJMVJ
iGKUwq797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeOOaTARdDC5x
Qr7%2F2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj%2Fo1118aIGH42KgueJMrkYJTEar
UpG%2Bh4fa3DZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYc
msmVON3%2BVp0ebo%3D</ns1:label>
            </ns1:result>
        </ns1:CreateResponse>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

7. International DPD Classic – D

International shipment is the shipment where the delivery is realized accross the Slovakia border. In this case, it is always necessary to fill the Notification service. The Predict notification will be sent in the recipients country

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v2="http://www.dpdportal.sk/XMLSchema/DPDSecurity/v2"
xmlns:v21="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <soapenv:Header>
        <v2:DPDSecurity>
            <v2:SecurityToken>
                <v2:ClientKey>6f2c7185171f3580fe82368c5bf97fe9</v2:ClientKey>
                <v2:Email>abaltova@dpd.sk</v2:Email>
            </v2:SecurityToken>
        </v2:DPDSecurity>
    </soapenv:Header>
    <soapenv:Body>
        <v21:CreateRequest>
            <v21:shipment>
                <v21:reference>moj</v21:reference>
                <v21:delisId>874</v21:delisId>
                <v21:product>1</v21:product>
                <v21:pickup>
                    <v21:date>20180328</v21:date>
                    <v21:timeWindow>
                        <v21:beginning>1000</v21:beginning>
                    </v21:timeWindow>
                </v21:pickup>
                <v21:addressSender>
                    <v21:id>1800628</v21:id>
                </v21:addressSender>
                <v21:addressRecipient>
                    <v21:type>b2b</v21:type>
                    <v21:name>John Doe</v21:name>
                    <v21:street>Testing Street</v21:street>
                    <v21:houseNumber>9</v21:houseNumber>
                    <v21:zip>10000</v21:zip>
                    <v21:country>203</v21:country>
                    <v21:city>Praha</v21:city>
                    <v21:phone>+421900000000</v21:phone>
                    <v21:email>john@doe.ema</v21:email>
                </v21:addressRecipient>
                <v21:parcels>
                    <v21:parcel>
                        <v21:weight>10</v21:weight>
                        <v21:height>10</v21:height>
                        <v21:width>10</v21:width>
                        <v21:depth>10</v21:depth>
                    </v21:parcel>
                </v21:parcels>
            </v21:shipment>
            <v21:services>
                <v21:notifications>
                    <v21:notification>
                        <v21:destination>+420901000000</v21:destination>
                        <v21:type>3</v21:type>
                        <v21:rule>904</v21:rule>
                        <v21:language>CZ</v21:language>
                    </v21:notification>
                    <v21:notification>
                        <v21:destination>moj@email.sk</v21:destination>
                        <v21:type>1</v21:type>
                        <v21:rule>904</v21:rule>
                        <v21:language>CZ</v21:language>
                    </v21:notification>
                </v21:notifications>
            </v21:services>
        </v21:CreateRequest>
    </soapenv:Body>
</soapenv:Envelope>
```

- Response

```xml
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns1="http://www.dpdportal.sk/XMLSchema/SHIPMENT/v2">
    <SOAP-ENV:Body>
        <ns1:CreateResponse>
            <ns1:result>
                <ns1:reference>moj</ns1:reference>
                <ns1:ackCode>success</ns1:ackCode>
                <ns1:success>true</ns1:success>
                <ns1:messages>
                    <ns1:message>Objednávka bola úspešne uložená.</ns1:message>
                </ns1:messages>
```

```
                <ns1:mpsid>0650501617234220180327</ns1:mpsid>

<ns1:label>https://capi.dpdportal.sk/label/?data=ve%2BVJpwTiuFFF5ifgqMUyhFwDQBlsVvom8dsS5bF5x1rJvVqS%2BaIINRj
65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN3tvLKq0A5dIniYPqI%2FIFfa%2B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOF
k7lslPOfU6zRCi0nzC07U1qH4ulJMVJiGKUwq797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeOOaTAR
dDC5xQr7%2F2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2Bh4fa3DZtX%2Byc%
2BBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON3%2BVp0ebo%3D</ns1:label>
            </ns1:result>
        </ns1:CreateResponse>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

JSON Shipment Service

Description

	Service Name	**ShipmentService**
	Version	2.0
	Method	create
Test	URI	https://capi.dpdportal.sk
	Resource	/apix/shipment
	HTTP Method	POST
Live	URI	https://api.dpdportal.sk
	Resource	/shipment
	HTTP Method	POST

Messages structure

Message are in JSON Format. For detailed verification and validation rules of element values, see chapter Shipment Service Parameters.

- Request Message

```
{
    "jsonrpc":"2.0",
    "method":"create",
    "params":
    {
        "DPDSecurity":
        {
            "SecurityToken":
            {
                "ClientKey": "{assigned API key}",
                "Email": "{login}"
            }
        },
        "shipment":
        [
            {
                "reference": "{user reference}",
                "delisId": "{assigned customers identifier}",
                "reference1": "{user reference 1, optional}",
                "reference2": "{user reference 2, optional}",
                "reference3": "{user reference 3, optional}",
                "note": "{user note, optional}",
                "product": {product identifier}
                "pickup":
                {
                    "date": "{pickup date in format YYYYMMDD}",
                    "timeWindow":
                    {
                        "beginning": "{pickup interval start in format HH:MM}",
                        "end": "{pickup interval end in format HH:MM}"
                    },
                    "note": "{pickup additional note, optional}"
                },
                "addressSender":
```

```
                    {
                        "id": "{assigned sender address identifier}"
                    },
                    "addressRecipient":
                    {
                        "type": "{b2b/b2c/psd}",
                        "name": "{recipient name}",
                        "nameDetail": "{recipient name detail, optional}",
                        "street": "{recipient street}",
                        "streetDetail": "{recipient street detail, optional}",
                        "houseNumber": "{recipient house number}",
                        "zip": "{zip}",
                        "country": {country numeric code},
                        "city": "{city}",
                        "phone": "{phone number in format +4219XXXXXXXX}",
                        "email": "{valid email address}",
                        "reference": "{users recipient reference, optional}",
                        "note": "{additional address detail, optional}",
                        "ico": "{ICO, optional}",
                        "vatId": "{DIC, optional}",
                        "vatId2": "{IC DPH, optional}"
                    },
                    "parcels":
                    {
                        "parcel":
                        [
                            /* one or more repetitions */
                            {
                                "reference1": "{users parcel reference 1, optional}",
                                "reference2": "{users parcel reference 2, optional}",
                                "reference3": "{users parcel reference 3, optional}",
                                "parcelno": "{parcel number, if non selected, it will be automatically assigned}",
                                "weight": "{parcel weight in kg}",
                                "height": {parcel height in cm},
                                "width": {parcel width in cm},
                                "depth": {parcel depth in cm}
                            }
                        ]
                    },
                    "services":
                    {
                        /* optional, required only if COD service is ordered */
                        "cod":
                        {
                            "amount": "{COD amount}",
                            "currency": "{COD currency}",
                            "bankAccount":
                            {
                            /* There are three possibilities to specify bank account */
                                /* 1: assigned bank account identifier */
                                "id": {bank account id},
                                /* 2: bank account in legacy format */
                                "name: "{bank account name}",
                                "prefix: "{bank account prefix}",
                                "number: "{bank account number}",
                                "bankCode: "{bank code}",
                                /* 3: bank account in IBAN format */
                                "iban: "{bank account number in IBAN format}",
                                "swift": "{SWIFT code}"
                            },
                            "variableSymbol":"{variable symbol}",
                            "paymentMethod": {0/1 - cash only/credit card}
                        },
                        /* optional, required only if SWAP service is ordered */
                        "swap":
                        {
                            "type": "{AB/ABC}",
                            /* required if ABC SWAP type is order */
                            "address":
                            {
                                "type": "{b2b/b2c}",
                                "name": "{recipient name}",
                                "nameDetail": "{recipient name detail, optional}",
                                "street": "{recipient street}",
                                "streetDetail": "{recipient street detail, optional}",
                                "houseNumber": "{recipient house number}",
                                "zip": "{zip}",
                                "country": {country numeric code},
                                "city": "{city}",
                                "phone": "{phone number in format +4219XXXXXXXX}",
                                "email": "{valid email address}",
                                "reference": "{users recipient reference, optional}",
                                "note": "{additional address detail, optional}",
                                "ico": "{ICO, optional}",
                                "vatId": "{DIC, optional}",
                                "vatId2": "{IC DPH, optional}"
                            },
                            "note": "{additional user note on delivery}",
                            "count": {BACK parcels count}
```

```
                },
                /* optional, required only if TYRE service is ordered */
                "tyre": {true/false},
                /* optional, required only if Saturday Delivery service is ordered */
                "saturdayDelivery": {true/false},
                /* optional, required only if Home or Parcel Shop Delivery product is ordered */
                "notifications":
                {
                    /* 1 to 5 repetitions */
                    "notification":
                    [
                        {
                            "destination": "{valid email/phone number}",
                            "type": {1/3 – email/phone},
                            "rule": {1/903/902 – day before delivery, day of delivery, parcel shop delivery},
                            "language": "{language code}"
                        }
                    ]
                },
                "instruction": "{customer instruction on delivery, optional}",
                /* optional, required only if identity check service is ordered */
                "idCheck":
                {
                    "name": "{name of the recipient}",
                    "surname": "{surname of the recipient}",
                    "documentID": "{recipient document identifier}"
                },
                /* optional, required only if Parcel Shop Delivery product is ordered */
                "parcelShopDelivery":
                {
                    "parcelShopId": {Parcel Shop identifier}
                }
            }
        },
        ...
    ]
    },
    "id":"{unique request identifier}"
}
```

- Response Message

```
{
  "jsonrpc": "{json rpc version}",
  "id": "{unique request identifier}",
  "result": {"result": [   {
    "reference": "{user reference}",
    "success": {true/false},
    "ackCode": "{service return code}",
    "messages": ["{service return message}"],
    "mpsid": "{shipment identifier}",
    "label": "{shipment label(s) URL}"
  }]}
}
```

Usage Scenarios

1. Classic Delivery – D (1)

- Request

```
{
    "jsonrpc":"2.0",
    "method":"create",
    "params":
    {
        "DPDSecurity":
        {
            "SecurityToken":
            {
                "ClientKey": "******",
                "Email": "portal@user.sk"
            }
        },
        "shipment":
        [
            {
                "reference": "mojbalik",
                "delisId": "874",
                "note": "poznamka",
                "product": 1,
                "pickup":
                {
                    "date": "20180208",
                    "timeWindow":
                    {
                            "beginning": "1000"
                    }
                },
                "addressSender":
                {
                    "id": "1800628"
                 },
                "addressRecipient":
                {
                    "type": "b2b",
                    "name": "John Doe",
                    "street": "Testerovska",
                    "houseNumber": "4",
                    "zip": "84105",
                    "country": 703,
                    "city": "Bratislava",
                    "phone": "+421900000000",
                    "email": "john@doe.ema",
                    "note": "poznamka"
                },
                "parcels":
                {
                    "parcel":
                    [
                        {
                            "weight": "1",
                            "height": 1,
                            "width": 1,
                            "depth": 1
                        }
                    ]
                },
                "services":
                {
                }
            }
        ]
    },
     "id":"null"
}
```

- Response

```
{
    "jsonrpc": "2.0",
    "id": "null",
    "result": {"result": [    {
        "reference": "mojbalik",
        "success": true,
        "ackCode": "success",
        "messages": ["Objednávka bola úspešne uložená. "],
```

```
        "mpsid": "0650501617232220180207",
        "label":
"https://capi.dpdportal.sk/label/?data=YmT%2Bm1cqlDaw76YkOgcYuW1D%2FhKeQY3%2Fb4stMA
NgDtRrJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN3tvLKq0A5dIniYPqI%2FIFfa%2
B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU6zRCi0nzC07U1qH4ulJMVJiGKUwq
797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeOOaTARdDC5xQr7%2F
2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2B
h4fa3DZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON
3%2BVp0ebo%3D"
    }]}
}
```

2. Home Delivery – D-B2C

● Request

```
{
    "jsonrpc":"2.0",
    "method":"create",
    "params":
    {
        "DPDSecurity":
        {
            "SecurityToken":
            {
                "ClientKey": "******",
                "Email": "portal@user.sk"
            }
        },
        "shipment":
        [
            {
                "reference": "mojbalik",
                "delisId": "874",
                "note": "poznamka",
                "product": 9,
                "pickup":
                {
                    "date": "20180208",
                    "timeWindow":
                    {
                            "beginning": "1000"
                    }
                },
                "addressSender":
                {
                    "id": "1800628"
                  },
                "addressRecipient":
                {
                    "type": "b2c",
                    "name": "John Doe",
                    "street": "Testerovska",
                    "houseNumber": "4",
                    "zip": "84105",
                    "country": 703,
                    "city": "Bratislava",
                    "phone": "+421900000000",
                    "email": "john@doe.ema",
                    "note": "poznamka"
                },
                "parcels":
                {
                    "parcel":
                    [
                        {
                            "weight": "1",
                            "height": 1,
                            "width": 1,
                            "depth": 1
                        }
                    ]
                },
                "services":
                {
                  "notifications":
                    {
                        "notification":
                        [
                            {
                                "destination": "+421900000000",
                                "type": 3,
```

```
                    "rule": 904,
                    "language": "SK"
                }
            ]
        }
    }
  }
  ]
},
  "id":"123"
}
```

- Response

```
{
  "jsonrpc": "2.0",
  "id": "123",
  "result": {"result": [  {
    "reference": "mojbalik",
    "success": true,
    "ackCode": "success",
    "messages": ["Objednávka bola úspešne uložená. "],
    "mpsid": "0650501617232620180207",
    "label":
"https://capi.dpdportal.sk/label/?data=3AxY13zVx0ImxA1J6TM0DIYyjVpYMCCNIcongNDYoXZr
JvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crK1KPrMsN3tvLKq0A5dIniYPqI%2FIFFfa%2B5mooo
OkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU6zRCi0nzC07U1qH4ulJMVJiGKUwq797T2C
DZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeOOaTARdDC5xQr7%2F2FaEoD
9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2Bh4fa3D
ZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON3%2BVp
0ebo%3D"
  }]]}
}
```

3. Classic Delivery with Cash On Delivery – D-COD (1)

- Request

```
{
  "jsonrpc":"2.0",
  "method":"create",
  "params":
  {
      "DPDSecurity":
      {
        "SecurityToken":
          {
            "ClientKey": "******",
            "Email": "portal@user.sk"
          }
      },
      "shipment":
      [
          {
            "reference": "mojbalik",
            "delisId": "874",
            "note": "poznamka",
            "product": 1,
            "pickup":
            {
                "date": "20180208",
                "timeWindow":
                {
                        "beginning": "1000"
                }
            },
            "addressSender":
            {
                "id": "1800628"
             },
            "addressRecipient":
            {
                "type": "b2b",
                "name": "John Doe",
                "street": "Testerovska",
                "houseNumber": "4",
                "zip": "84105",
                "country": 703,
                "city": "Bratislava",
                "phone": "+421900000000",
                "email": "john@doe.ema",
                "note": "poznamka"
            },
            "parcels":
```

```
                {
                    "parcel":
                    [
                        {
                            "weight": "1",
                            "height": 1,
                            "width": 1,
                            "depth": 1
                        }
                    ]
                },
                "services":
                {
                "cod":
                 {
                    "amount": "10.00",
                    "currency": "EUR",
                    "bankAccount":
                        {
                            "id": 9123
                        },
                        "variableSymbol": "123",
                        "paymentMethod": 1
                    }
                }
            }
        ]
    },
    "id":"null"
}
```

- Response

```
{
    "jsonrpc": "2.0",
    "id": "null",
    "result": {"result": [   {
        "reference": "mojbalik",
        "success": true,
        "ackCode": "success",
        "messages": ["Objednávka bola úspešne uložená. "],
        "mpsid": "0650501617233220180207",
        "label":
"https://capi.dpdportal.sk/label/?data=5H571nZfrCHJZNJudf71bq3fWLNhXBxqYqhhEOCZF4xr
JvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crK1KPrMsN3tvLKq0A5dIniYPqI%2FIFFfa%2B5mooo
OkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU6zRCi0nzC07U1qH4ulJMVJiGKUwq797T2C
DZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeOOaTARdDC5xQr7%2F2FaEoD
9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2Bh4fa3D
ZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON3%2BVp
0ebo%3D"
    }]}
}
```

4. Exchange Home Delivery – D-SWAP-B2C

- Request

```
{
    "jsonrpc":"2.0",
    "method":"create",
    "params":
    {
        "DPDSecurity":
        {
            "SecurityToken":
            {
                "ClientKey": "******",
                "Email": "portal@user.sk"
            }
        },
        "shipment":
        [
            {
                "reference": "mojbalik",
                "delisId": "874",
                "note": "poznamka",
                "product": 9,
                "pickup":
                {
                    "date": "20180208",
                    "timeWindow":
                    {
                            "beginning": "1000"
```

```
                    }
                },
                "addressSender":
                {
                    "id": "1800628"
                },
                "addressRecipient":
                {
                    "type": "b2c",
                    "name": "John Doe",
                    "street": "Testerovska",
                    "houseNumber": "4",
                    "zip": "84105",
                    "country": 703,
                    "city": "Bratislava",
                    "phone": "+421900000000",
                    "email": "john@doe.ema",
                    "note": "poznamka"
                },
                "parcels":
                {
                    "parcel":
                    [
                        {
                            "weight": "1",
                            "height": 1,
                            "width": 1,
                            "depth": 1
                        }
                    ]
                },
                "services":
                {
                    "swap":
                    {
                        "type": "ABC",
                        "address":
                        {
                            "type": "b2c",
                            "name": "John Doe",
                            "street": "Testerova",
                            "houseNumber": "7",
                            "zip": "84105",
                            "country": 703,
                            "city": "Bratislava",
                            "phone": "+421900000000",
                            "email": "john@doe.ema"
                        },
                        "note": "moj",
                        "count": 1
                    },
                    "notifications":
                    {
                        "notification":
                        [
                            {
                                "destination": "+421900000000",
                                "type": 3,
                                "rule": 904,
                                "language": "SK"
                            }
                        ]
                    }
                }
            }
        }
    ]
},
    "id":"null"
}
```

- Response

```
{
    "jsonrpc": "2.0",
    "id": "null",
    "result": {"result": [    {
        "reference": "mojbalik",
        "success": true,
        "ackCode": "success",
        "messages": ["Objednávka bola úspešne uložená. "],
        "mpsid": "06505016172330201 80207",
        "label":
"https://capi.dpdportal.sk/label/?data=LU5Qcu%2BDh2op%2F9AUcMVE8kt%2FWZ0fvZ5DiCuqQM
8xTXuTkqfGnFFZ4YKkKazd8Ijs9UqUkjFf%2BMzrWEMggEvfIvvk%2BsxH%2BAAIdxhKu5yJtSydijjOCut
lPdsCpys%2B7%2Bi0GG2ORr2kfgDwgGNzb9QWA4JZaMgv%2FlzRNzNnKn1A4otRYUWm4jYqmUmcU8VX1Zcy
LGCfqP02iDGg%2F7Ei21ctxFEMqkmIepd9O3Mtnk9xwffGGL5E1X%2FkQjePOdzzIDJGLFqFWVxFPyljzrr
7h13pWl6ZgjJICGkEefF%2BmRVnIcz0ofgiacYzzKJkWuTlD6tuz2RkQ1xC88WzgdIF7%2B2ZNXGuPW0Ir5
```

```
3nn0aeZLlmcsQFq%2B0ld3skzhv99mzsGcqWVV0AkMKeMFLDG%2FDrsk%2BrXqwcTs6VrQoGu4raWO1rp4N
M5EP14BtcS9w1G1gzTs9K0yeoHP5HMrjHUxcEc89CnQ%3D%3D"
    }]}
}
```

5. Classic Tyres Delivery – D-TYRE

● Request

```
{
    "jsonrpc":"2.0",
    "method":"create",
    "params":
    {
        "DPDSecurity":
        {
            "SecurityToken":
            {
                "ClientKey": "******",
                "Email": "portal@user.sk"
            }
        },
        "shipment":
        [
            {
                "reference": "mojbalik",
                "delisId": "874",
                "note": "poznamka",
                "product": 1,
                "pickup":
                {
                    "date": "20180208",
                    "timeWindow":
                    {
                            "beginning": "1000"
                    }
                },
                "addressSender":
                {
                    "id": "1800628"
                },
                "addressRecipient":
                {
                            "type": "b2b",
                    "name": "John Doe",
                    "street": "Testerovska",
                    "houseNumber": "4",
                    "zip": "84105",
                    "country": 703,
                    "city": "Bratislava",
                    "phone": "+421900000000",
                    "email": "john@doe.ema",
                    "note": "poznamka"
                },
                "parcels":
                {
                    "parcel":
                    [
                        {
                            "weight": "10",
                            "height": 1,
                            "width": 1,
                            "depth": 1
                        }
                    ]
                },
                "services":
                {
                        "tyre": true
                }
            }
        ]
    },
    "id":"null"
}
```

● Response

```
{
    "jsonrpc": "2.0",
    "id": "null",
    "result": {"result": [    {
        "reference": "mojbalik",
        "success": true,
        "ackCode": "success",
        "messages": ["Objednávka bola úspešne uložená. "],
        "mpsid": "0650501617232520180207",
        "label":
"https://capi.dpdportal.sk/label/?data=tVonM3Zl%2F3F%2FvwDpFCeEehqux4M%2BLXYXmUDgYR
4d4F1rJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN3tvLKq0A5dIniYPqI%2FIFfa%2
B5moooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU6zRCi0nzC07U1qH4ulJMVJiGKUwq
```


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```
797T2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeOOaTARdDC5xQr7%2F
2FaEoD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2B
h4fa3DZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON
3%2BVp0ebo%3D"
    }]]}
}
```

6. CityService – SD

- Request

```
{
    "jsonrpc":"2.0",
    "method":"create",
    "params":
    {
        "DPDSecurity":
        {
            "SecurityToken":
            {
                "ClientKey": "******",
                "Email": "portal@user.sk"
            }
        },
        "shipment":
        [
            {
                "reference": "mojbalik",
                "delisId": "874",
                "note": "poznamka",
                "product": 10,
                "pickup":
                {
                    "date": "20180208",
                    "timeWindow":
                    {
                        "beginning": "1000"
                    }
                },
                "addressSender":
                {
                 "type": "b2b",
                    "name": "Tester Testovic",
                    "street": "Testerovska",
                    "houseNumber": "4",
                    "zip": "84105",
                    "country": 703,
                    "city": "Bratislava",
                    "phone": "+421900000000",
                    "email": "john@doe.ema",
                    "note": "poznamka"
                 },
                "addressRecipient":
                {
                 "type": "b2b",
                    "name": "John Doe",
                    "street": "Cikkerova",
                    "houseNumber": "4",
                    "zip": "84105",
                    "country": 703,
                    "city": "Bratislava",
                    "phone": "+421900000000",
                    "email": "john@doe.ema",
                    "note": "poznamka"
                },
                "parcels":
                {
                    "parcel":
                    [
                        {
                            "weight": "1",
                            "height": 1,
                            "width": 1,
                            "depth": 1
                        }
                    ]
                },
                "services":
                {
                 "cityService":  {
                        "generateLabels": true,
                        "subProduct": 0
                    }
                }
            }
        ]
```

```
    },
      "id":"null"
}
```

- Response

```
{
    "jsonrpc": "2.0",
    "id": "null",
    "result": {"result": [    {
        "reference": "mojbalik",
        "success": true,
        "ackCode": "success",
        "messages": ["Objednávka bola úspešne uložená. "],
        "mpsid": "0650501617233520180208",
        "label":
"https://capi.dpdportal.sk/label/?data=qkCrIDwGUQPae6guYCuAGbf1RL%2BUyEzYxIF6P8EIHf
xrJvVqS%2BaIINRj65i4MU5Sxy3ZZW0yhjQFY%2BMh9crKlKPrMsN3tvLKq0A5dIniYPqI%2FIFfa%2B5mo
ooOkhZgeeINzoGlw4SVv%2BgZh2JVRmxKrPWqKuZOFk7lslPOfU6zRCi0nzC07U1qH4ulJMVJiGKUwq797T
2CDZMZxF3ruC0DEEcjg%2FJ0LIy4%2FOV%2BwALTfq9M8cbwcwztuGejHt5dFeOOaTARdDC5xQr7%2F2FaE
oD9zYY%2FVYqDAKtFXWScDoitqDS15UylOuAEF%2FZWaj%2Fo1118aIGH42KgueJMrkYJTEarUpG%2Bh4fa
3DZtX%2Byc%2BBSn%2Bervt8I0hE7fJVjs2MoahqaCKM1FA1ByqBlBcsPXJe%2FpuR40EEQYcmsmVON3%2B
Vp0ebo%3D"
        }]]}
}
```

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DPD Pickup Point Finder Service

Service definition

Service enables to find DPD pickup point to be able to complete order with DPD Pickup point delivery service (PSD).

Endpoints resides:
- SOAP Web Service » https://api.dpdportal.sk/parcelshop/ » definition: https://api.dpdportal.sk/parcelshop/?wsdl
- JSON-RPC2 » https://api.dpdportal.sk/parcelshop/json

Usage scenarios

Examples provided in JSON-RPC2 show how to get desired information related to sending your parcels to DPD Pickup network.

Get all available points

Method return all available point within network.

- Request

```
{
    "jsonrpc":"2.0",
    "method":"getAll",
    "id":"null"
}
```

```
{
    „jsonrpc": „2.0",
    „id": „null",
    „result": {
        „result": „OK",
        „parcelshops": {
            „parcelshop": [
                {
                    „id": [unikátny identifikátor odberného miesta],
                    „name": [názov odberného miesta],
                    „street": [ulica],
                    „houseno": [popisné číslo],
                    „zip": [PSČ],
                    „city": [mesto],
                    „country": {
                        „id": [unikátny identifikátor krajiny],
                        „code": [kód krajiny],
                        „value": [názov krajiny]
                    },
                    „email": [e-mailová adresa],
                    „phone": [telefónne číslo],
                    „web": [adresa webstránky],
                    „latitude": [zemepisná šírka],
                    „longitude": [zemepisná dĺžka],
                    „properties": {
                        „property": [
                            {
                                „name": [názov vlastnosti],
                                „value": [hodnota vlastnosti]
                            },
                            ...
                        ]
                    },
                    „openingHours": {
                        „day": [
                            {
                                „id": [index dňa; pondelok - 1, utorok - 2,...],
                                „from": [čas od vo formáte HHMM],
                                „to": [čas do vo formáte HHMM]
                            },
                            ...
                        ]
                    },
                    „services": {
                        „code": [
                            [kód služby],
                            ...
```

```
                ]
            }
        },
        ...
        ]
    }
  }
}
```

Get available points close to address point

Method return all available points close to address point defined.

Parameter	Value	Description
city	[a-Z0-9]{1,35}	Name of city
zip	[a-Z0-9]{1,9}	Zipcode
street	[a-Z0-9]{1,35}	Street, optional parameter
radius	[0-9]{2,2}	Radius in km, default 50, if not provided, at least 10km recommended

- Request

```
{
    "jsonrpc":"2.0",
    "method":"getByAddress",
    "params":
    {
        "city":"Bratislava",
        "zip":"82104",
        "street":"Technicka",
        "radius": 10
    },
    "id":"null"
}
```

- Response

```
{
    „jsonrpc": „2.0",
    „id": „null",
    „result": {
        „result": „OK",
        „parcelshops": {
            „parcelshop": [
                {
                    „id": [unikátny identifikátor odberného miesta],
                    „name": [názov odberného miesta],
                    „street": [ulica],
                    „houseno": [popisné číslo],
                    „zip": [PSČ],
                    „city": [mesto],
                    „country": {
                        „id": [unikátny identifikátor krajiny],
                        „code": [kód krajiny],
                        „value": [názov krajiny]
                    },
                    „email": [e-mailová adresa],
                    „phone": [telefónne číslo],
                    „web": [adresa webstránky],
                    „latitude": [zemepisná šírka],
                    „longitude": [zemepisná dĺžka],
                    „properties": {
                        „property": [
                            {
                                „name": [názov vlastnosti],
                                „value": [hodnota vlastnosti]
                            },
                            ...
                        ]
                    },
                    „openingHours": {
                        „day": [
                            {
                                „id": [index dňa; pondelok - 1, utorok - 2,...],
```

```
                            „from": [čas od vo formáte HHMM],
                            „to": [čas do vo formáte HHMM]
                    },
                    ...
                ]
            },
            „services": {
                „code": [
                    [kód služby],
                    ...
                ]
            }
        },
        ...
    ]
    }
}
```

Parcel Life Cycle Service

Service definition

Service enable sender obtain information about status of orders created in DPD based on DPD order number (parcelno) happening during parcel transporation.

End point:

- REST Web Service » https://tracking.dpd.de/rest/plc/en_EN/{parcelno}
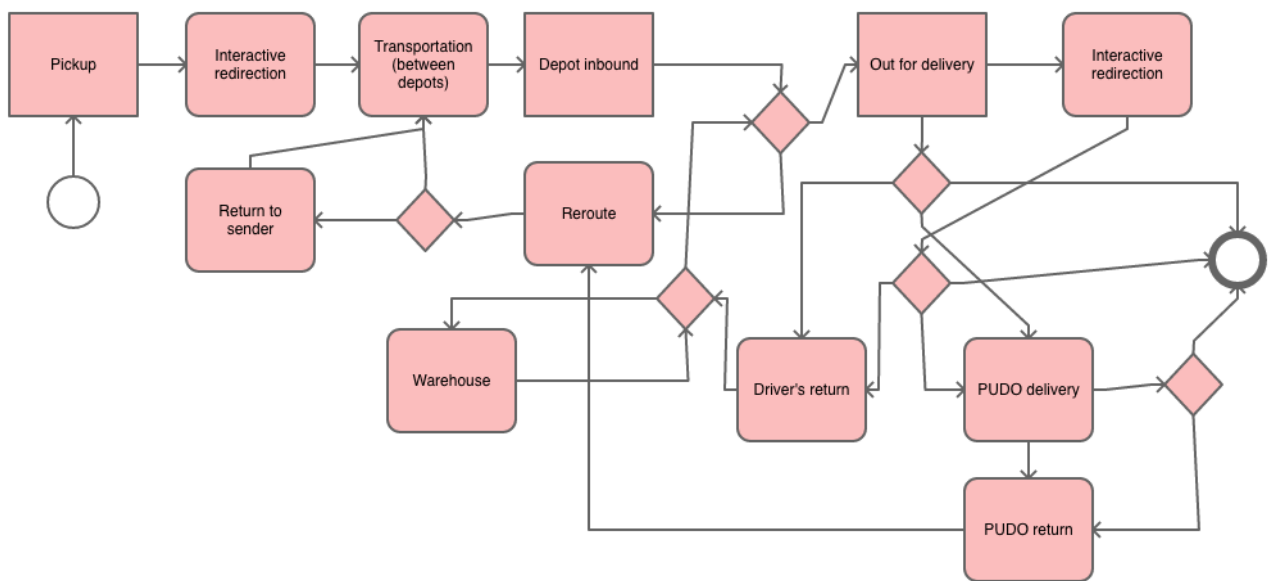
Transportation process

Figure 9: Settings > Diagram depicts hi level picture of processes related to parcel transportation service.

Usage scenarios

Get tracking information

Based on order number (parcelno) you can retrieve only status for any of your orders which was placed within last 6 months.

- Request (GET)

```
https://tracking.dpd.de/rest/plc/en_EN/{parcelno}
```

- Response

```
{
    "parcellifecycleResponse": {
        "parcelLifeCycleData": {
            "shipmentInfo": { .. },
            "statusInfo": [ .. ],
            "contactInfo": [ .. ],
            "scanInfo": {
                "scan": [
                    { .. },
                    { .. },
                    { .. },
                ]
            }
        }
    }
```

```
}

{
    "parcellifecycleResponse": {
        "parcelLifeCycleData": null
    }
}
```

- Response (empty cycle)

```
{
    "parcellifecycleResponse": {
        "parcelLifeCycleData": null
    }
}
```

shipmentInfo

Provides base data about requested shipment.

Property	Type	Description
parcelLabelNumber	varchar(14)	DPD Order number (parcelno)
isOnReroute	bit	Indicates wheter shipment is not in return to sender process.
serviceCode	smallint	Indicator of main service (upon routing is handled)
serviceElements	array	List of basic (elementary) services for order

Table consist only properties worth mention.

statusInfo

Simplified order life cycle. Indicates states (events) already happened (statusHasBeenReached) and which status is currently last valid (isCurrentStatus).

Property	Type	Description
status	Enum, varchar(100)	See table StatusInfo.status
statusHasBeenReached	bit	Indicates status was already reached in context of current last state
isCurrentStatus	bit	Indicate current (last) state of transportation process
depot.number	Varchar(7)	Last ID of DPD depot
date	Date time	Local date and time of event

Table consist only properties worth mention.

StatusInfo.status table

Status (statusInfo.status)	Description	DPD scan events (SC)
DATA_TRANSMITTED	Order information has been transmitted to DPD	SC18, SC77
ACCEPTED	Parcel handed to DPD	SC18, SC15, SC05
HANDOVER_CONSIGNOR_TO_ PARCELSHOP	Parcel handed to Pickup parcelshop by consignor	DOPKY
PICKUP_FROM_PARCELSHOP_ BY_DRIVER	Pick-up from the Pickup parcelshop by DPD driver	DOPKY + SC15

ON_THE_ROAD	The parcel is on it's way to your parcel delivery centre. In transit.	SC10
AT_DELIVERY_DEPOT	At parcel delivery centre	SC02, SC04, SC14
OUT_FOR_DELIVERY	The parcel is on the way to the delivery address.	SC03
HANDOVER_TO_PARCELSHOP	Delivered by driver to Pickup parcelshop	SC23
DELIVERED	Delivered to consignee	SC13
PICKUP_FROM_PARCELSHOP_BY_CONSIGNEE	Collected by consignee from Pickup parcelshop	SC13, DODEY

scanInfo

More detailed list of all events for particular order (parcelno) which happened in chronological order.

Property	Type	Description
date	Date time TZ	Event timestamp with timezone indication (SK +02:00)
integrationDate	Date time TZ	Timestamp when event reached system
scandata.scantype.name	Enum, varchar(100)	See table ScanType.status
scandata.scantype.code	bit	See table ScanType.status
scandata.scanDepot.number	Varchar(7)	Place (depot) where event happened
additionalCodes	array	Exception (additional) codes

Table consist only properties worth mention.

ScanType.name table

scanType.name	Code	Description
SC_18_ADDITIONAL_INFORMATION	18	**Additional info (scan)** Various additional contextual information, related to data exchange and transportation process.
SC_15_DRIVERS_PICK_UP	15	**Driver's pickup** After the parcels have been took-over from the consignor by courier, courier could optionally scan parcels as confirmation of takeover.
SC_05_PICK_UP	05	**Pickup** After the parcels have been picked-up from the consignor, they will be scanned by a DPD member of staff in the dispatch depot. This first time listing of a parcel in the DPD system is called "Pick-up"
SC_10_HUB_SCAN	10	**HUB sort** Sometimes parcels will pass through a so-called HUB on their way from the dispatch depot to the recipient depot on supraregional and cross-border transportation routes. In the HUB the parcels will be scanned and sorted for further transport. Parcels which are transferred in the HUB after the last transport to the respective recipient depot or the next HUB for the day has departed, will be prepared for further shipment on the next day

SC_01_CONSOLIDATION	01	**Consolidation** Parcels with faraway destinations sometimes pass through other depots on their way from the dispatch depot to the recipient depot. These depots are also called "consolidation nodes". During the consolidation process the parcels will be sorted by their destination and consolidated based on the primary direction of their destination.
SC_02_INBOUND	02	**Inbound** All parcels that arrive at a recipient depot during the day will be scanned there. After they have been scanned, they will be listed in the parcel life cycle as "Inbound".
SC_03_OUT_FOR_DELIVERY	03	**Out for delivery** In the recipient depot the parcels will be sorted and added to the recipient delivery process. They will be handed over to the driver and loaded into the delivery vehicles. This process is called "Out-for-delivery".
SC_06_SYSTEM_RETURN	06	**System return** "System return" denotes parcels which have arrived in the wrong depot due to forwarding loading or postcode errors and that are therefore forwarded to another depot or returned to the consignor. The reason for the system return is stated as an exception code in the parcel life cycle.
SC_08_WAREHOUSE	08	**Warehouse** Parcels that are not added to the delivery process in the recipient depot on the same day will be consolidated as "Warehouse" and delivered on the following day. The reason for the warehouse scan is stated as an exception code in the parcel life cycle
SC_13_DELIVERED	13	**Delivery** Those parcels delivered to the recipient and signed for by the recipient are collectively called "Delivery"
SC_23_DPD_PARCELSHOP_DELIVERY	23	**Parcelshop delivery** Parcel delivered by courier to parcelshop.
SC_04_DRIVERS_RETURN_WITHOUT_ DELIVERY_ATTEMPT	04	**Driver's return** Parcels that could not be delivered will be returned by the driver to the depot on the same day. There they will be registered as "Driver's return". The reason why a parcel could not be delivered will be stated as an exception code in the parcel life cycle.
SC_14_NOT_DELIVERED	14	**Delivery attempt not successful** If a parcel cannot be delivered to the recipient, it will be marked as "Delivery attempt not successful". The reason for "Delivery attempt not successful" is stated as an exception code in the parcel life cycle
SC_31_RETURN_ORDER	31 (77)	**Collection request** The customer can place an order with his dispatch depot for a parcel to be collected and returned. For this purpose he indicates the address where the parcel is to be collected. The parcel can be returned to the customer or shipped to a third party (manufacturer etc.).