META API

SPECIFICATION AND DESCRIPTION

version 1.2   October 2022

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GLOSSARY

GEODATA	Standard Dataflow definition for all cross-border parcels of the group in order to Standardize the Data exchange with BU and partners, Improve the Delivery process, Transfer 100% of data collected for cross-border parcels, Improve the quality of the data exchange within the Group.
GEOAPI	DPD group internal and external webservices format, based on GeoData
META API	Meta API is an ambition to create a one stop shop API for DPD Customers, centralizing all services around a parcel lifecycle. Architecture for API services may rely of Group IT applications or BU webservices. For shipping and label print, the solution aims to build a Central technical layer on top of existing BU IT interfaces in DPD Group. The ambition of the initiative is to facilitate IT integration of large and medium multi-BU customers.
COLLECTION REQUEST	Collection request service represent an exchange between three entities, where the Customer does not physically have the parcels to be collected. This means that there is a Requester of the service itself, a Sender of a goods and a Receiver of a goods, where all three entities can be placed in one country but also in three different countries
PICKUP SCHEDULING	Pickup service is defined as a process of scheduling a parcel collection at Customer's premises. In Meta API implementation, the service is decorrelated from label printing.
PICKUP POINT DROP OFF SEARCH	Service allowing to search for a PUDO point (Pick Up Drop Off Point) around a given address.
POD	Proof of Delivery - a document confirming that the shipment/good has been delivered to the Receiver
COD	Cash on Delivery service - type of transaction in which the Receiver is due to pay for the amount of the goods now of delivery. Attn: A specific COD clearing schema needs to be put in place between the involved Business Units and the Customer.

INTRODUCTION

The first version of the document describing the process, characteristics, and significance of META API solution.

The first version was released in early February 2022 as a draft version.

The second improved and corrected version was released in the middle of June 2022.

PROJECT DESCRIPTION

Brief

Meta API is an ambition to create a one stop shop API for DPD Customers, centralizing all services around a parcel lifecycle.

Architecture for API services may rely of Group IT applications or BU webservices. For shipping and label print, the solution aims to build a Central technical layer on top of existing BU IT interfaces in DPD Group. The ambition of the initiative is to facilitate IT integration of large and medium multi-BU customers.
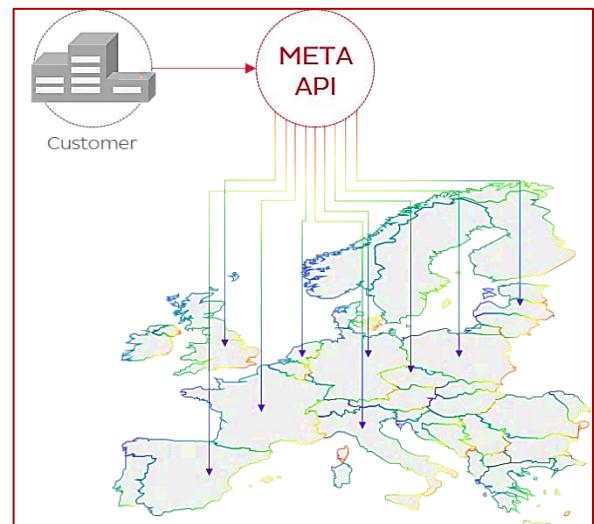
While domestic or single-BU shippers enjoy local BU tools that are perfectly suited for the task, multi-BU customers are fully exposed to the Group complexity. Integration projects for large key accounts often span over a period of multiple months due to the necessity of IT developments on multiple local systems.

The "Centralized API" architecture moves away from the approach where local BU solutions tend to be replaced. Instead, **Meta API integrates local BU APIs to a single IT interface for the shipper**, thus transferring part of the integration effort from the customer to Central IT.

Business Unit web services and shipping solutions experience little to no impact from integration with Meta API. Central solution effectively emulates shipper's calls with BU in local web service signatures.

From shipper's perspective, Business Units in scope of the Meta API solution act as a single IT entity with consistent web services, processes, signatures. As such, in the target scenario, shipper's effort for IT integration with multiple BUs should be reduced significantly.

Non-technical integration of shipper with local BU tools, namely for creation and configuration of accounts and contracts are still required.

Limitations

By design, Meta API solution does not replace BU solutions but builds yet additional layer on top of it. Any technical issues such as high latency, low performance or insufficient availability of BU local web services will persist after Meta API integration.

Adding a technical layer on top of existing stack, Meta API project needs to aim for minimal possible technical overhead.

SCOPE

Customer segment
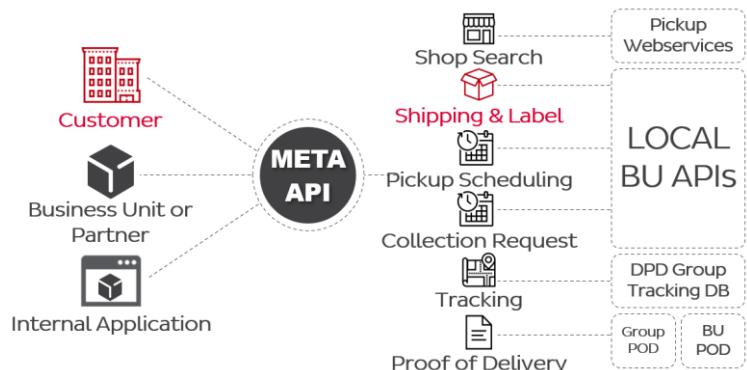
META API is targeting following types of shippers:

- currently integrated with several BU APIs, seeking to simplify the IT setup

- currently integrated with one BU, seeking to expand integration scope while limiting IT effort

- shippers with other integrations whose operational setup can support API integration

- new multi-BU customer integrations

- new single-BU customer integrations, looking for a scalable solution that can be easily expanded to additional markets through the same IT channels

SIZE	IT SETUP	SHIPPING SOLUTION PARCEL RANGE	CUSTOMER PARCEL RANGE
Ad-hoc and C2	Web solutions	✔	
Small	Standalone solutions	✔	
Small	Plugins	✔	
Medium	Web services / API	✔	✔
Large	Self-printing / EDI		✔

Functional scope

It should be noted that shipping solutions and related webservices aim to satisfy the needs of a large local customer base. Further, local APIs can be called by non-customer users, such as BU web-tools, thus further expanding their functional scope outside of the typical API shipper needs. To address the key requirements of the customer segment targeted by Meta API, it was decided to limit the exposure of Meta API to the strictly necessary capabilities of local BU APIs.

Meta API services	
Integrated through BU capabilities	Integrated through DPD Group capabilities
• Shipping and label generation • Collection request service • Pickup service Scheduling	• Tracking • POD (Proof of Delivery) • Pickup Shop Search

Note: This document focuses exclusively on **Shipment and Label generation**. For information on Collection, Pickup Scheduling, Tracking, POD access or Pickup Shop Search, please contact your DPD IT representative.

LABEL GENERATION

Purpose

The goal of the Meta API solution is to offer a single point interface with Group Business Units while keeping additional integration costs low.

Shipper will communicate with Meta API in "**Shipper GeoAPI**" format regardless of the Business Unit. One of the functions of the Meta API solutions is to translate Shipper's call in Business Unit's format. This integration must cover the following aspects:

- ❖ Field and data structures mapping between GeoAPI JSON and BU webservice

- ❖ Conversion of formats and units for certain fields

- ❖ Emulation of the workflow logic where the BU API requires to generate a label in several steps/calls. This exchange must only exist between Meta API and BU API. Shipper must be presented with a single label generation service.

- ❖ Other necessary adjustments of the call for the BU API

Effectively, Meta API implementation should offer the following added value:

META API ↔ SHIPPER	META API ↔ BU
➔ Allows a unique technical endpoint to many BU Webservices ➔ Simplifies and harmonizes BU API interfaces and API logic ➔ Allows effortless IT integration with additional BUs at minimal effort for Shipper	➔ Emulates Shipper's behaviour with no additional implementation or configuration from BU side

Technical endpoints

PREPRODUCTION

https://api-preprod.dpsin.dpdgroup.com:8443/shipping/v1/login

https://api-preprod.dpsin.dpdgroup.com:8443/shipping/v1/shipment

PRODUCTION

https://api.dpdgroup.com/shipping/v1/login

https://api.dpdgroup.com/shipping/v1/shipment

Authentication strategy

Meta API solution acts as a **gateway to local BU shipping solutions**. As such, shipper integration through Meta API requires the BU integration teams to secure **Customer accounts in local tools** during the integration process.

In the first version of the Meta API solution, it is not planned to propose a Single Sign-On type of mechanics.

However, in order to abstract some of the BU technical processes, the proposed solution aims to facilitate authentication and bring down the login mechanics to a unique and simplified workflow.

Authentication between the Shipper and Meta API is based on API Keys for TRACKING, PICKUP and POD services.

For SHIPPING service, authentication between the Shipper and META-API / BU API is based on Shipper login created during the Shipper integration process in BU. It generates a **token** that will be used for shipment, collection request, pickup scheduling.

CUSTOMER	Authentication		Authentication	
	BU shipping credentials + BU number	**META API shipping login**	Depending on the BU Shipping credentials + token	BU SHIPPING API
	Shipping API token	**META API shipping & label**		
		META API Pickup scheduling		
		META API collection request		
	API key	**META API Tracking**	Internal DPD services	
		META API Pickup shop search		
		META API POD		

Authentication process

The shipper will authenticate with a specific login method.

A request with the couple of headers:

X-DPD-BUCODE, X-DPD-LOGIN and **X-DPD-PASSWORD** will authenticate the shipper to the specific BU API through META-API and will retrieve to the shipper a **JWT TOKEN**.

X-DPD-BUCODE: code of the BU (see table below)

X-DPD-LOGIN: login given by the BU

X-DPD-PASSWORD: password given by the BU

In addition to the stated values, parameters that must be added only for SEUR:

X-DPD-CLIENTID and **X-DPD-CLIENTSECRET**

BU CODE	BU NAME	BU DEFAULT COUNTRY
001	DPD Germany	DE
002	Chronopost France	FR
010	DPD Netherlands	NL
011	DPD UK	GB
014	DPD Austria	AT
015	DPD Czech Republic	CZ
016	DPD Slovakia	SK
017	DPD Hungary	HU
018	DPD Bulgaria	BG
020	SEUR	ES
021	DPD Poland	PL
023	BRT	IT
026	DPD Slovenia	SI
028	DPD Croatia	HR
030	DPD Portugal	PT
031	DPD Estonia	EE
032	DPD Lithuania	LT
033	DPD Latvia	LV
034	DPD Belgium	BE
036	DPD Switzerland	CH
038	DPD France	FR
041	DPD Romania	RO
046	DPD Ireland	IE

Once the token retrieved, it can be used for label generation through Shipment method for up to 24 hours.

Exception*: The token for SEUR will expire only after 30minutes.

SHIPMENT SERVICE

Functional view

The shipment service is one of the services exposed by META API. It will retrieve to the shipper a ShipmentID and a Label in exchange to Shipment prealert information (sender, receiver, parcel …).

The Shipper sends Shipment data in a specific format (common format for all BUs) and the service will:

- ☐ Read the shipment data sent by the Shipper
- ☐ Make transformations
  - o Format change
  - o Calculations and transformations
- ☐ Create the API call(s) to the BU API (shipment creation, label retrieval)
- ☐ Get the data from the BU API
- ☐ Make some transformations
  - o Format change
  - o Errors management
- ☐ Respond to the Shipper with the label

1) All exchanges between the Shipper and Meta API are done consistently in GeoAPI format. All exchanges between Meta API and the Business Unit are done following BU API signatures. Shipment and label generation rely on successful conversion of Customer's API call from Group GeoAPI format to local BU Webservice signature format. Use of GeoAPI standardization is invariable from customer perspective and carries on from one BU to another.

2) Meta API solution will force standardized field format requirements to Shipper through GeoAPI. Central solution will convert field formats for the BU as specified in the BU API documentation.

3) Data requirements are strictly dependent on the BU. It is the responsibility of the Business Unit to ensure proper data quality from the customer during the integration process. (see Chapter Data Structure for BU data requirements)

4) Any intermediary service calls are handled only between Meta API and BU API. Solution aims to expose to Shipper a "one call" label generation service.

Query parameters

The following parameters are accepted in the shipping call query:

LabelPrintFormat	string	Mandatory
LabelPaperFormat	string	Optional
LabelPrinterStartPosition	string	Optional
debug	boolean	Optional

Please see the next chapter for additional details on data structure, BU label format support and debug mode activation.

DATA STRUCTURE

This section presents the whole data structure, starting from parameter name, parameter type, maximum length and whether this parameter is mandatory or not, as under the business unit, intending to organize one shipment through the META API. In short, the data structure from SWAGGER is demonstrated.

The data of certain parameters must be entered in a specified form by the driver, when creating a request, which the system will transform into explicit final forms, authentic to each Business Units.

Parameter Name (Input)	Type	Format
Weight	String	**Grams**
Dimensions	String	**Centimetres**
Country Code	String	**2 (AN) ISO 3166-1 alpha-2 format,** **3 (AN) ISO 3166-1 alpha-3 format,** **3 (N) Numeric**

Legend:

✓	Data is available and is mandatory in Business Unit
✓	Data is available and is optional in Business Unit
(empty)	Data is not processed in the Business Unit, but can still be provided to Meta API

Recommendation: during the integration, we recommend that the customer identifies the maximum required data set for the group of countries affected by the integration. For the sake of simplicity, this data set can then be provided in Meta API in all markets. The Group solution will manage local BU data forwarding when required. Data provided in BUs that do not require the field will simply be ignored in the Group API.

Data Type: address

Field Name	Type	Length	Meta API Mandatory	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
companyName	string	35	NO							✓**				✓				✓		✓4	✓
name1	string	35	NO	✓	✓	✓	✓	✓	✓2	✓	✓2	✓	✓3		✓	✓	✓	✓	✓4	
name2	string	35	NO	✓	✓	✓	✓	✓	✓		✓					✓			✓	
street	string	35	YES*	✓	✓	✓	✓	✓	✓2	✓2	✓2	✓	✓3	✓	✓	✓	✓	✓	✓	✓
houseNumber	string	8	NO	✓	✓	✓	✓						✓			✓			✓	
addressLine2	string	35	NO			✓		✓					✓	✓		✓	✓		✓	
addressLine3	string	35	NO													✓			✓	
country	string	3	YES*	✓	✓	✓	✓	✓	✓	✓	✓2	✓	✓	✓	✓	✓	✓	✓	✓	✓
state	string	not sp	NO	✓	✓	✓	✓							✓		✓	✓		✓	
zipCode	string	9	YES*	✓	✓	✓	✓	✓	✓2	✓2	✓2	✓	✓3	✓2	✓	✓	✓	✓	✓	✓
city	string	35	YES*	✓	✓	✓	✓	✓	✓2	✓2	✓2	✓	✓3	✓2	✓	✓	✓	✓1	✓	✓
doorCode	string	35	NO												✓				✓	
building	string	35	NO																✓	
department	string	35	NO																✓	
interphoneName	string	35	NO												✓				✓	
siteId	string	not sp	NO																	✓
siteType	string	not sp	NO																	✓
streetId	string	not sp	NO																	✓
streetType	string	not sp	NO																	✓
complexId	string	not sp	NO																	✓
complexType	string	not sp	NO																	✓
complexName	string	not sp	NO																	✓
blockNo	string	not sp	NO																	✓
entranceNo	string	not sp	NO																	✓
apartmentNo	string	not sp	NO																	✓
poiId	string	not sp	NO																	✓
floor	string	not sp	NO																✓	✓

* : Mandatory if ADDRESS block initiated

** : PL: one of the fields (name1 or companyNmae needs to be fullfied)

*1: Mandatory if no pickup centre on receiver side, not mandatory on sender side

*2: Mandatory on receiver side, not mandatory on sender side

*3: Mandatory if destination=address (receiver side)

*4: One of these fields (parameters) must be indicated in

Data Type: amount

Field Name	Type	Length	Meta API Mandatory	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
amount	Number (float)	Not specified	YES*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
currency	string	3	YES*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓

* : Mandatory if amount block initiated

Data Type: cod (Cash on Delivery)

Field Name	Type	Length	Meta API M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
amount	*Amount*		YES*					✓	✓1	✓	✓		✓	✓		✓		✓	✓	✓
collectType	*String, Enum: Array (s0, s1, s2, s3, s9)*	5	YES*						✓		✓		✓			✓			✓	✓
purpose	*string*	14	NO					✓			✓					✓			✓	
bankCode	*string*	25	NO								✓					✓			✓	
bankName	*string*	27	NO								✓					✓			✓	
bankAccount Number	*string*	25	NO								✓					✓			✓	
bankAccount Name	*string*	30	NO								✓					✓			✓	
iban	*string*	50	NO								✓					✓			✓	
bic	*string*	50	NO								✓2					✓2			✓	

* : **Mandatory if COD block is initiated**

*1: Amount needs to be in destination country currency

*2: BIC = swift code of the bank, mandatory if IBAN is used

Data Type: contactDetails

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
contactPerson	*string*	35	NO	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓4		✓1	✓	✓	✓3
phone1	*string*	30	NO	✓	✓	✓	✓	✓	✓	✓	✓1	✓	✓	✓	✓	✓	✓	✓	✓	✓
phone2	*string*	30	NO		✓					✓2				✓					✓	✓
fax	*string*	30	NO	✓	✓	✓	✓						✓		✓				✓	
email	*string*	100	NO	✓	✓	✓	✓	✓	✓	✓2	✓1	✓	✓	✓		✓		✓	✓	✓

*1: Mandatory on receiver side, not mandatory on sender side

*2: Mandatory on the sender and receiver side if destination = store

*3: Mandatory for Non-private person

*4: contactPerson mandatory on receiver side, on sender side not existing.

Data Type: dimensions

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
length	*integer*	*999*	*NO*	✓	✓	✓	✓	✓		✓		✓		✓		✓		✓	✓	✓
width	*integer*	*999*	*NO*	✓	✓	✓	✓	✓		✓		✓		✓		✓		✓	✓	✓
height	*integer*	*999*	*NO*	✓	✓	✓	✓	✓		✓		✓		✓		✓		✓	✓	✓

Data Type: insurance

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
insuranceAmount	*Amount*		*NO*	✓	✓		✓	✓		✓	✓			✓			✓		✓	
insuranceParcelContent	*string*	*35*	*NO*																	

Data Type: legalEntity

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
businessType	*string, enum, Array*	*[P, B]*	*YES**	✓				✓												✓
eori	*string*	*no spc*	*NO*	✓																
vatNumber	*string*	*no spc*	*NO*	✓										✓				✓		
taxIdType	*string, enum, Array*	*[P, C]*	*NO*																	
taxIdValue	*string*	*20*	*NO*																	
FiscalVatRepresentant	*string*	*20*	*NO*																	

* : Mandatory if legalEntity block initiated

Data Type: parcel

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPP UK	SEUR	DPD HU	SPEEDY
parcelInfos	*ParcelInfos*		NO	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
parcelRank	*string*	3	NO					✓												✓
senderParcelRefs	*string [...]*	*maxItems: 4*	NO	✓	✓	✓	✓		✓	✓2	✓	✓				✓		✓	✓	✓
partnerParcelRefs	*string [...]*	*maxItems: 4*	NO					✓												
insurance	*Insurance*		NO	✓	✓		✓							✓				✓1		
hazardousLimitedQuantities	*boolean*		NO	✓	✓	✓	✓												✓	
hazardous	*hazardous*		NO		✓															
hazardousPackingCode	*string*	3	NO	✓	✓		✓													
parcelContent	*string*	200	NO	✓	✓	✓	✓	✓		✓									✓	✓
cod	*Cod*		NO					✓	✓	✓	✓		✓	✓		✓			✓	✓

*1 : Liability forced to false (not mandatory) if no value, True(mandatory)if field filled

2* **One (first/master) of the reference needs to be mandatory**

Data Type: parcelInfos

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
parcelNumber	*string*	14	NO	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	
parcelNumberCcKey	*string*	1	NO																✓	
dimensions	*Dimensions*		NO	✓	✓	✓	✓											✓		✓
weight	*string*		NO	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓		✓	✓	✓

Data Type : receiver

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
pudoId	*string*	20	NO	✓	✓	✓	✓	✓	✓		✓	✓2	✓1	✓	✓	✓2	✓	✓	✓	✓
address	*address*		NO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
contact	*ContactDetails*		NO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
comment	*string*	no spc	NO	✓	✓	✓	✓		✓			✓		✓	✓	✓		✓	✓	✓
gln	*string*	13	NO																	
legalEntity	*legalEntity*		NO	✓											✓					✓

*1: Mandatory if destination = store

*2 Mandatory if Parcel to Shop has been requested

Data Type: interInvoiceLine

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
invoicePosition	string	6	NO	✓	✓		✓													
quantityOfItems	string	4	NO	✓	✓		✓										✓			
content	string	200	NO	✓	✓		✓										✓			
amountOfPosition	number		NO	✓	✓		✓										✓			
manufacturedCountry	string		NO	✓	✓		✓										✓			
netWeight	string		NO		✓												✓			
grossWeight	string		NO	✓	✓		✓													
customerProductCode	string	255	NO	✓													✓			
productDescription	string	70	NO														✓			
fabricComposition	string	200	NO														✓			
importTarifCode	string		NO	✓	✓		✓										✓			
exportTarifCode	string		NO	✓			✓													
goodsWebPage	string		NO														✓1			

*1: Mandatry for Russia

Data Type: international

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
parcelType	string	2	NO	✓	✓		✓	✓												
customsAmount	amount		NO	✓	✓		✓							✓						
customsAmountEx	amount		NO	✓	✓		✓													
customsTerms	string	7	NO	✓	✓		✓										✓			
customsPaper	string	9	NO	✓	✓		✓										✓			
clearanceStatus	string	6	NO	✓			✓	✓												
customsHighLowValue	string	3	NO																	
customsInvoice	string	35	NO	✓	✓		✓										✓			
customsInvoiceDates	string	4	NO	✓	✓		✓													
importer	Importer		NO	✓	✓		✓													
mrn	string	20	NO	✓	✓		✓										✓			
exporter	Exporter		NO	✓	✓		✓													
numberOfArticles	string	6	NO				✓										✓			
destinationCountryRegistration	string	15	NO																	
exportReason	string	3	NO	✓			✓										✓			
interInvoiceLine	interIinvline		NO	✓	✓		✓													
shipmentContent	string	No spec	NO														✓			

Data Type: exporter

Field Name	Type	Length	Meta api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEEDY
address	Address		NO	✔	✔		✔										✔			
contact	contactDetails		NO	✔	✔		✔										✔			
eori	string		NO	✔			✔										✔			

Data Type: importer

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
address	Address		NO	✔	✔		✔													
contact	contactDetails		NO	✔	✔		✔													
gln	string	13	NO	✔			✔													
vatNumber	string		NO	✔	✔		✔	✔											✔	
customerDefermentNumber	string	35	NO																	
eori	string	20	NO	✔				✔											✔	

Data Type: person

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
PersonalDeliveryType	String, Enum: [s1, s2, s3, s4, s5, s6]	6	NO		✔						✔					✔			✔	
personalAuthorizedName	string	35	NO		✔				✔		✔					✔			✔	
phone1	string		NO		✔															
phone2	string		NO																	
personalIdNumber	string	35	NO		✔				✔		✔					✔			✔	
personalDateOfBirth	string		NO																	
address	address		NO		✔											✔				
contact	string	35	NO																	
fax	string		NO																	
email	string		NO																	
gln	string	13	NO																	
comment	string		NO																	

Data Type : sender

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEDY
customerInfos	*customerInfos*		NO	✓	✓	✓	✓								✓				✓	
address	*address*		NO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
contact	*contactDetails*		NO	✓	✓	✓	✓													✓
comment	*string*		NO	✓	✓	✓	✓					✓		✓			✓	✓	✓	✓
gln	*string*	13	NO	✓	✓	✓	✓													
accountOwner	*string*	3	NO																	
legalEntity	*legalEntity*		NO	✓			✓													✓
addressId	*string*										✓	✓					✓			✓

Data Type : shipment

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEDY
shipmentInfos	*shipmentInfos*		NO	✓	✓	✓	✓													✓
customsReference	*string*	25	NO											✓						✓
sendingDepot	*string*	no spc	NO	✓	✓	✓	✓						✓		✓				✓	
mpsCompleteDelivery	*String,enum :array [s0, s1, s2]*	3	NO	✓	✓	✓	✓													
mpsCompleteDeliveryLabel	*string*	13	NO	✓	✓	✓	✓													
customerReferenceNumbers	*string [...]*	maxItems: 4	NO	✓	✓	✓	✓			✓	✓1	✓	✓	✓	✓	✓1	✓	✓1	✓	
customerBillingReference	*string*	35	NO	✓		✓	✓													
numberOfParcels	*string*	3	YES										✓	✓			✓		✓	✓
sender	*sender*		YES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
receiver	*Receiver*		YES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
international	*international*		NO	✓	✓		✓											✓		
person	*person*		NO	✓	✓		✓													
parcel	*Parcel [...]*		YES*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
pickup	*pickup*		NO																	✓
delivery	*Delivery*		NO																	

*1: One (first/master) of the reference needs to be mandatory

*: Mandatory if data block Shipment is initiated

Data Type: return

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
address	*address*		YES*									✓								
contact	*contactDetails*		NO									✓								
comment	string	No sp	NO									✓								

Return block is mandatory in BALRICS for SWAP service (Product Code: 113)

Data Type: pickup

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
date	string		YES*													✓				✓
fromTime	string		NO													✓				
toTime	string		NO													✓				

*: Mandatory if data block Pickup is initiated

Data Type : customerInfos

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
customerAccountNumber	string	20	NO		✓3	✓1	✓1	✓2		✓	✓2		✓2	✓2	✓	✓2		✓2	✓	✓
customerSubAccountNumber	string	5	NO					✓4												
customerID	string	17	NO	✓4	✓2	✓4	✓4												✓	

*1: Only on receiver side, not mandatory

*2: Only on sender side, mandatory

*3: Mandatory on sender side, not mandatory on receiver side

*4: Only on sender side, not mandatory

Data Type: message

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
messageType	string	20	YES*	✓	✓	✓	✓								✓	✓			✓	
messageDestination	string	5	YES*	✓	✓	✓	✓								✓	✓			✓	
messageLanguage	string	17	NO	✓	✓	✓	✓													

* : Mandatory if **Message** block initiated

Data Type: shipmentInfos

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
shipmentId	string	25	NO	✔	✔	✔	✔			✔										
shipmentIdCKey	string		NO																	
productCode	string		YES	✔	✔	✔	✔		✔		✔	✔			✔		✔	✔	✔	✔
serviceCode	string		NO					✔							✔		✔	✔		
cifcost	*Amount*		NO																	
dimensions	*Dimensions*		NO	✔	✔	✔	✔	✔							✔					
weight	string		NO		✔		✔	✔					✔	✔	✔		✔		✔	✔
exWorksDelivery	boolean		NO	✔	✔	✔	✔	✔					✔	✔			✔			

Data Type : delivery

Field Name	Type	Length	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
dateFrom	string																		
dateTo	string																		
timeFrom	string																		
timeTo	string																		
timeSlotTariff	string																		

Data Type : hazardous

Field Name	Type	Length	Meta Api M	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	DPD HU	SEUR
classCode	string	5	NO		✔														
identificationClass	string	6	NO		✔														
factor	int	3	NO		✔														
notOtherwiseSpecified	string	150	NO		✔														
packingGroup	string	5	NO		✔														
subsidiaryRisk	string	10	NO		✔														
description	string	160	NO		✔														
hazardousWeight	decimal	6	NO		✔														
tunnelRestrictionCode	string		NO		✔														
identificationUnNo	string	4	NO		✔														

Data Output : labelFormat

TYPE	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
PDF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
EPL							✓	✓				✓		✓			
ZPL	✓	✓	✓	✓		✓*	✓	✓		✓	✓	✓			✓	✓	
TIFF							✓										
PPR					✓												
SPD					✓												
Z2D					✓												
THE					✓												
XML					✓		✓										
XML2D					✓												
THEPSG					✓												
ZPLPSG					✓												
ZPL300					✓							✓					
JSON																	
PS							✓										
DATA								✓									
CLP														✓			
HTML														✓			
PNG									✓			✓					

✓* **ZPL** Label Format configuration is supported in HR/SI API via Web portal.

* (BALTICS) To generate digital label, PDF (or any valid value) needs to be provided in the **LabelPrintFormat** parameter, and **qrcode** parameter needs to set as **true**.

Data Output: label/Paper Size

TYPE	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SI	DPD PL	DPD CZ	BALTICS	DPD PT	BRT	DPD FR	DPD SK	DPD UK	SEUR	DPD HU	SPEEDY
A4	✓	✓	✓	✓		✓	✓		✓					✓	✓	✓	✓
A5										✓							
A6	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓			✓	
A7	✓																✓

.

Example of shipment request (DPD Classic – product code 101):

```
[
{
    "customerReferenceNumbers": ["S_2021-12-16_01"],
    "numberOfParcels": "1",
    "parcel": [{
            "parcelInfos": {
                "weight": "6000"
            },
            "senderParcelRefs": ["P_2021-12-16_01"]
        }
    ],
    "receiver": {
        "address": {
            "city": "Courcelles",
            "country": "BE",
            "name1": "DPD BE RECEIVER",
            "street": "Rue de Liege 25",
            "zipCode": "6180"
        }
    },
    "sender": {
        "address": {
            "city": "Mechelen",
            "country": "BE",
            "name1": "DPD BE SENDER",
            "street": "Egide Walschaertsstraat 20",
            "zipCode": "2800"
        }
    },
    "shipmentInfos": {
        "productCode": "101"
    }
}
]
```

Example of shipment response (DPD Classic – product code 101):

```
{
  "shipmentId": "99996150264619",
  "parcelIds": [
    "99996150264619"
  ],
  "label": {
    "base64Data": "JVBERi0x..... …(data cut due to length)",
    "media-type": "application/octet-stream"
  }
}
```

Example of shipment request (DPD Classic – product code 101 - MPS):

```
[
{
  "customerReferenceNumbers": [
    "S_2022-01-24_02"
  ],
  "shipmentInfos": {
    "productCode": "101"
  },
  "sender": {
    "address": {
      "name1": "DPD BE SENDER",
      "street": "Egide Walschaertsstraat 20",
      "country": "BE",
      "zipCode": "2800",
      "city": "Mechelen"
    }
  },
  "receiver": {
    "address": {
      "name1": "DPD BE RECEIVER",
      "street": "Rue de Liege 25",
      "country": "BE",
      "zipCode": "6180",
      "city": "Courcelles"
    }
  },
  "numberOfParcels": "2",
  "parcel": [
    {
      "parcelInfos": {
        "weight": "6000"
      },
      "senderParcelRefs": [
        "P_2022-01-24_02a"
      ]
    },
    {
      "parcelInfos": {
        "weight": "7000"
      },
      "senderParcelRefs": [
        "P_2022-01-24_02b"
      ]
    }
  ]
}
]
```

Example of shipment response (DPD Classic – product code 101 - MPS):

```
{
    "shipmentId": "05308877770438",
    "parcelIds": [
        "05308877770438",
        "05308877770439"
    ],
    "label": {
```

```
            "base64Data":
"JVBERi0xLjQKJeLjz9MKMSAwIG9iago8PC9UeXBlL1hPYmplY3QvU3VidHlwZS9JbWFnZS9XaWR0aCАy
MzMvSGVpZ2h0IDEwMy9GaWx0ZXIvRENURGVjb2RlL0NvbG9yU3BhY2UvRGV2aWNlUkdCL0JpdHNQ
…(data cut due to length)"
            "media-type": "application/octet-stream"
        }
}
```

Example of shipment request (DPD PUDO SHOP – product code 337):

```
[
{
  "customerReferenceNumbers": [
    "S_2022-01-27_09"
  ],
  "shipmentInfos": {
    "productCode": "337"
  },
  "sender": {
    "customerInfos": {
      "customerAccountNumber": "1495"
    },
    "address": {
      "name1": "DPD PL SENDER",
      "street": "Pułkownika Stanisława Dąbka 22A",
      "country": "PL",
      "zipCode": "30-732",
      "city": "Kraków"
    }
  },
  "receiver": {
    "pudoId": "PL50001",
    "address": {
      "name1": "DPD PL RECEIVER",
      "street": "Daniszewska 14",
      "country": "PL",
      "zipCode": "03-230",
      "city": "Warszawa"
    },
    "contact": {
      "phone1": "0123456789",
      "email": "test@dpdgroup.com",
      "contactPerson": "DPD Contact"
    }
  },
  "numberOfParcels": "1",
  "parcel": [
    {
      "parcelInfos": {
        "weight": "6000"
      },
      "senderParcelRefs": [
        "P_2022-01-27_09"
      ]
    }
  ]
}
]
```

Example of shipment response (DPD PUDO SHOP – product code 337):

```
{
      "shipmentId": "0000000857213Q",
      "parcelIds": [
            "0000000857213Q"
      ],
      "label": {
            "base64Data":
"JVBERi0xLjQKJeLjz9MKMiAwIG9iago8PC9GaWx0ZXIvRmxhdGVEZWNvZGUvTGVuZ3RoIDQ5Pj5zdHJl
YW0KeJwr…(data cut due to length)"
       "media-type": "application/octet-stream"
      }
}
```

Example of shipment request (DPD COD B2B – product code 109):

```json
[
{
  "customerReferenceNumbers": [
    "S_2022-02-02_01"
  ],
  "shipmentInfos": {
    "productCode": "109"
  },
  "sender": {
    "address": {
      "name1": "DPD HR SENDER",
      "street": "Ul. Franje Lučića 23",
      "country": "HR",
      "zipCode": "10000",
      "city": "Zagreb"
    }
  },
  "receiver": {
    "address": {
      "name1": "DPD HR RECEIVER",
      "street": "Varaždinska ulica, odvojak 1, kbr.3",
      "country": "HR",
      "zipCode": "42000",
      "city": "Jalkovec"
    },
    "contact": {
      "phone1": "0123456789",
      "email": "test@dpdgroup.com",
      "contactPerson": "DPD Contact"
    }
  },
  "numberOfParcels": "1",
  "parcel": [
    {
      "parcelInfos": {
        "weight": "6000"
      },
      "cod": {
        "amount": {
          "amount": 20,
          "currency": "HRK"
        },
        "purpose": "11",
        "collectType": "s0"
      },
      "senderParcelRefs": [
        "P_2022-02-02_01"
      ]
    }
  ]
}
]
```

Example of shipment response (DPD COD B2B – product code 109):

```
{
      "shipmentId": "17502800003458",
      "parcelIds": [
            "17502800003458"
      ],
      "label": {
            "base64Data": "JVBERi0xLjUKJeLjz9MKNSAwIG9iago8PC9Db2xvclNwY…(data
cut due to length)"
      "media-type": "application/octet-stream"
      }
}
```

Example of shipment request (DPD COD B2C – product code 329):

```
[
{
  "customerReferenceNumbers": [
    "S_2022-01-28_01"
  ],
  "shipmentInfos": {
    "productCode": "329"
  },
  "sender": {
    "address": {
      "name1": "DPD HR SENDER",
      "street": "Ul. Franje Lučića 23",
      "country": "HR",
      "zipCode": "10000",
      "city": "Zagreb"
    }
  },
  "receiver": {
    "address": {
      "name1": "DPD HR RECEIVER",
      "street": "Varaždinska ulica, odvojak 1, kbr.3",
      "country": "HR",
      "zipCode": "42000",
      "city": "Jalkovec"
    },
    "contact": {
      "phone1": "0123456789",
      "email": "test@dpdgroup.com",
      "contactPerson": "DPD Contact"
    }
  },
  "numberOfParcels": "1",
  "parcel": [
    {
      "parcelInfos": {
        "weight": "6000"
      },
      "cod": {
        "amount": {
```

```
        "amount": 20,
        "currency": "HRK"
      },
      "purpose": "11",
      "collectType": "s0"
    },
    "senderParcelRefs": [
      "P_2022-01-28_01"
    ]
  }
 ]
}
]
```

Example of shipment response (DPD Cash on Delivery – product code 329):

```
{
      "shipmentId": "17502800003452",
      "parcelIds": [
          "17502800003452"
      ],
      "label": {
          "base64Data":
"JVBERi0xLjUKJeLjz9MKNSAwIG9iago8PC9Db2xvclNwYWNlL0RldmljZUdyYXkvU3VidHlwZS9JbWFn
ZS9IZWlnaHQgNzkvRmlsdGVyL0ZsYXRlRGVjb2RlL1R5cGUvWE9iamVjdC9EZWNvZGVQYXJtczw8L0…(d
ata cut due to length)"
      "media-type": "application/octet-stream"
      }
}
```

PRODUCT MAPPING

The DPD world offers a variety of services with the aim of ensuring adequate quality, consistency of shipments and customer satisfaction. For that matter, through META API solution, we have implemented a method that will add value and facilitate the process.

In the table below you can find Group product code that Meta API maps and synchronizes with all Business Units Product Code separately.

To harmonize the product view for the convenience of the multi-country customers, Meta API solution proposes high level DPD Group product codes for the key services offered in the Business Units.

Groupe Code	Product Code Domestic	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SL	DPD PL	DPD CZ	BALTICS	DPD UK	DPD FR	DPD SK	SEUR	BRT	DPD HU	SPEEDY BG	SPEEDY RO
101	**D** (Deferred parcel)	✓	✓	✓	✓	*	✓	✓	✓	✓	*	✓	✓	*	✓	✓	✓	✓
102	**Hazardous Goods**		✓															
103	**D,6** (Deferred parcel, Saturday)	✓			✓	*		✓		✓	*		✓	*	✓		✓	
105	**D, EXW** (Deferred parcel, EX Works)		✓		✓	*					*			*	✓			
109	**D, COD** (Deferred parcel, Cash on delivery)					*	✓	✓	✓	✓	*		✓	*	✓	✓	✓	✓
113	**D, SWAP** (Deferred parcel, SWAP)		✓	✓		*	✓		✓	✓	*		✓	*				
136	**XD** (Small parcel)	✓	✓	✓	✓	*	✓				*		✓	*			✓	✓
154	**PL (**Parcel Letter)	✓	✓	✓		*					*			*				
155	**PM2** (Express 18:00)	✓	✓	✓	✓	*		✓	✓		*		✓	*				
179	**AM1** (Express 10:00)	✓	✓	✓	✓	*	✓	✓	✓		*		✓	*		✓		
225	**AM2** (Express 12:00)	✓	✓	✓		*	✓	✓	✓		*		✓	*		✓		
294	**INTERNAT MAIL-BA**		✓			*					*			*				
327	**D,2C** (Deferred parcel, Delivery to Private Consumers/Delivery to private address)	✓	✓	✓	✓	*	✓	✓	✓	✓	*	✓	✓			✓	✓	✓
328	**D,2C, XD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, small parcel)	✓	✓	✓	✓	*	✓				*	✓	✓	*			✓	✓
329	**D,2C, COD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Cash on Delivery)					*	✓	✓	✓	✓	*		✓	*		✓	✓	✓
330	**D,2C, COD, XD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Cash od Delivery, Small parcel)					*	✓				*		✓	*			✓	✓
332	**2C** Return	✓	✓	✓	✓	*	✓	✓		✓	*	✓					✓	
337	**D, 2C, PSD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Parcel to Shop)	✓	✓	✓	✓	*	✓	✓	✓	✓	*	✓	✓	*	✓	✓	✓	✓
338	**D, 2C, PSD, XD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Parcel to Shop, Small Parcel)	✓	✓	✓	✓	*	✓				*	✓	✓	*			✓	✓
350	**AM0** (Express 08:30)		✓			*					*			*				
358	**D,6,2C** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Saturday)	✓			✓	*					*			*			✓	
365	**D-TYRE (**TYRE Service)	✓	✓	✓	✓	*	✓	✓	✓		*			*			✓	
366	**D-B2C-TYRE** (Business to Customer TYRE Service)	✓	✓	✓	✓	*	✓				*			*			✓	
793	**Limited HAZ**	✓	✓		✓	*					*			*				

*CHR FR, SEUR, UK (Domestic Product Management)** – Group code standardisation is not proposed in Meta API for domestic flows in certain BUs. However, providing *local* product codes through Meta API in those BUs is possible. To obtain the list of local BU product codes for domestic flows, please contact your local BU representative.

Groupe Code	Product Code International	DPD NL	DPD DE	DPD CH	DPD BE	CHR FR	DPD HR/SL	DPD PL	DPD CZ	BALTICS	DPD UK	DPD FR	DPD SK	SEUR	BRT	DPD HU	SPEEDY BG	SPEEDY RO
101	**D** (Deferred parcel)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
102	**Hazardous Goods**																	
103	**D,6** (Deferred parcel, Saturday)							✓							✓			
105	**D, EXW** (Deferred parcel, EX Works)		✓												✓			
109	**D, COD** (Deferred parcel, Cash on delivery)						✓	✓	✓	✓						✓	✓	✓
113	**D, SWAP** (Deferred parcel, SWAP)									✓								
136	**XD** (Small parcel)	✓	✓	✓	✓	✓	✓				✓		✓				✓	✓
154	**PL (**Parcel Letter)																	
155	**PM2** (Express 18:00)	✓	✓	✓					✓				✓					
179	**AM1** (Express 10:00)	✓	✓	✓												✓		
225	**AM2** (Express 12:00)	✓	✓													✓		
294	**INTERNAT MAIL-BA**																	
302	**IE2** (International Express)	✓	✓			✓	✓	✓	✓		✓		✓	✓				
327	**D,2C** (Deferred parcel, Delivery to Private Consumers/Delivery to private address)	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓
328	**D,2C, XD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Small parcel)	✓	✓	✓	✓	✓	✓					✓	✓				✓	✓
329	**D,2C, COD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Cash on Delivery)						✓	✓	✓	✓						✓	✓	✓
330	**D,2C, COD, XD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Cash od Delivery, Small parcel)						✓										✓	✓
332	**2C** Return	✓	✓	✓	✓		✓			✓	✓	✓		✓			✓	✓
337	**D, 2C, PSD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Parcel to Shop)	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
338	**D, 2C, PSD, XD** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Parcel to Shop, Small Parcel)	✓	✓	✓	✓	✓	✓					✓	✓				✓	✓
350	**AM0 (**Express 08:30)	✓																
358	**D,6,2C** (Deferred parcel, Delivery to Private Consumers/Delivery to private address, Saturday)																	
365	**D-TYRE (**TYRE Service)	✓	✓	✓	✓		✓	✓	✓									
366	**D-B2C-TYRE (**Business to Customer TYRE Service)	✓	✓	✓	✓		✓											
793	**Limited HAZ**	✓	✓		✓													

DEBUG

Concept

For all scenarios within the testing, we have generated "debug" mode logs to provide internal exchange between Meta API and BU webservice. This is for customer's IT and BU IT's reference, to review the call structure and the process from Business Units perspective. The debug mode can be a useful tool during the troubleshooting for IT support.

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How to set DEBUG (mode)?

In the Shipping call, send the following field in the **QUERY**:

1. Name: **debug**

2. Value: **true**

Debug mode Meta API exchange will encapsulate the exchange between Meta API and BU API.

Attn: The internal exchange can be constituted of two or more API calls. For example: While Meta API label generation is done through a single call to the Group interface, Meta API may return four different calls in the debug mode log:

- Meta API call to BU Shipping service

- BU Shipping service response to Meta API

- Meta API call to BU Label service

- BU Label service response to Meta API

DEBUG example

```
{
"shipmentId": "0123456789",
"parcelIds": [
"0123456789"
],
"label": {
"base64Data": "(...)",
"media-type": "application/pdf"
},
"debugList": [
{
"request": "<SOAP-ENV:Envelope xmlns:SOAP-
ENV=\"http://schemas.xmlsoap.org/soap/envelope/\">
xmlns:ns3=\"http://dpdservices.dpd.com.pl/\">(...)",

"response": "<soap:Envelope
xmlns:soap=\"http://schemas.xmlsoap.org/soap/envelope/\">
xmlns:ns2=\"http://dpdservices.dpd.com.pl/\">(...)",

"methodName": "generatePackagesNumbersV4"
},
{
"request": "<SOAP-ENV:Envelope xmlns:SOAP-
ENV=\"http://schemas.xmlsoap.org/soap/envelope/\">
xmlns:ns3=\"http://dpdservices.dpd.com.pl/\">(...)",

"response": "<soap:Envelope
xmlns:soap=\"http://schemas.xmlsoap.org/soap/envelope/\">
xmlns:ns2=\"http://dpdservices.dpd.com.pl/\">(...)",

"methodName": "generateSpedLabelsV4"
}
]
}
```