



BREXIT MYDHL API IMPLICATIONS

# IMPLEMENTING A DHL INTEGRATED SOLUTION

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## **AUDIENCE**

This document is intended to serve as a guide to assist DHL customers and third party developers during the integration development process. The primary audience of this document is intended to be a trading partner's technical resources and internal DHL EDI support staff.

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## 1 INTRODUCTION

This document is to support customers making changes to their MyDHL API solution in advance of the new trading relationship between UK and the EU from 2021. These changes affect all shipments moving between Great Britain (GB) and EU destinations. At the time of publication, details regarding shipments between GB and Northern Ireland are subject to clarification.

More information will be published when available.

All documentation and specifications for the information below can be obtained from:

SOAP: [www.dhl.co.uk/ess](http://www.dhl.co.uk/ess)

REST: <https://developer.dhl.com/api-reference/dhl-express-mydhl-api>

## 2 PRODUCT CODE CHANGES

New customs procedures will apply when moving goods between GB nations and the EU from 2021. If you're currently trading outside the EU, you'll already be familiar with customs requirements. If you're currently only shipping within the EU now is the time to familiarise yourself with customs procedures. From 1 January 2021, the following products will no longer be able to be used when shipping between GB and the EU.

- **DHL Express Worldwide (eu) – ECX**
- **DHL Economy Select (eu) – ESU**

The products used instead would be as follows

### 2020

Product Name	Content Code	Global Product Code	Local Product Code
DHL Express Worldwide (eu)	ECX	U	U
DHL Economy Select (eu)	ESU	W	X

### 2021

Product Name	Content Code	Global Product Code	Local Product Code
DHL Express Worldwide (doc)	DOX	D	D
DHL Express Worldwide (nondoc)	WPX	P	P
DHL Economy Select (nondoc)	ESI	H	I

In addition to this, when using Timed services, the following changes to product code would be made for

#### DUTIABLE SHIPMENTS ONLY

### 2020

Product Name	Content Code	Global Product Code	Local Product Code
DHL Express 09:00 (doc)	TDK	K	K
DHL Economy 12:00 (doc)	TDT	T	T

### 2021

Product Name	Content Code	Global Product Code	Local Product Code
DHL Express 09:00 (doc)	TDE	E	E
DHL Economy 12:00 (doc)	TDY	Y	Y

### 3 RATE REQUEST

Included in the request, there is an element called **Content**.

Valid values are:

- DOCUMENTS for Non-Dutiable shipments
- NON\_DOCUMENTS for Dutiable shipments

Previously, when requesting capability for shipments between EU countries, DOCUMENTS was always used. From 2021, this value will be NON\_DOCUMENTS if the contents are dutiable and will incur duty and tax charges. DOCUMENTS can still be used if the contents are documents only and will not incur duty and tax charges.

The products returned in the capability response are determined based on this value.

Depending on the nature of the contents of the shipment, if customs duties are applicable, different products may be offered by the DHL web services.



Examples for each service type available with MyDHL API:

### 3.1 SOAP

```
<Content>NON_DOCUMENTS</Content>
```

### 3.2 REST V1

```
"Content": "NON_DOCUMENTS",
```

### 3.3 REST V2

The Rest v2 service utilises a different method with a Boolean true (dutiable) or false (non-dutiable) flag using the isCustomsDeclarable element

Example:

```
"isCustomsDeclarable": true,
```

## 4 SHIPMENT REQUEST

### 4.1 MANDATORY ELEMENTS FOR DUTIABLE SHIPMENTS

#### 4.1.1 BILLING ACCOUNTS

For non-document/dutiable products the DHL account number is specified to be charged for duties and tax payments.

SOAP and RESTv1

- <Billing>
  - <DutyAndTaxPayerAccountNumber>

RESTv2

- "accounts"
  - "typeCode" "duties-taxes"
  - "number"

#### 4.1.2 TERMS OF TRADE (INTERCOMS)

It is necessary to specify the correct terms of trade (incoterms) for the shipment.

SOAP and RESTv1

- <PaymentInfo>

RESTv2

- "incoterm"

Example values to use:

- DDP – Delivery Duty Paid
- DAP – Delivered At Place (previously DDU)

#### 4.1.3 DESCRIPTION AND VALUE DECLARATIONS

This is necessary for all dutiable/non-document shipments to specify the declared value, currency and content description for customs clearance and billing purposes.

SOAP and RESTv1

- <Currency>
- <Commodities>
  - <Description>
  - <CustomsValue>

RESTv2

- “declaredValue”
- “declaredValueCurrency”
- “description”

#### 4.1.4 SPECIFYING DOCUMENTS OR NON\_DOCUMENTS

Previously, when creating shipments between EU countries, DOCUMENTS (non\_dutiable) was always used. From 2021, this value will be NON\_DOCUMENTS (dutiable) if the contents are dutiable and will incur duty and tax charges. DOCUMENTS can still be used if the contents are documents only and will not incur duty and tax charges.

SOAP and RESTv1

- <Content>

RESTv2

- “isCustomsDeclarable” values are true (dutiable) or false (non\_dutiable)

**\*Note:** For dutiable shipments an extra “Waybill Doc” (archive label) will be provided. This must be handed to the collection courier with the commercial documentation. Alternatively, these documents can be sent via DHL Express Paperless Trade (PLT), where this info will be transmitted electronically and does not require printing.

## 4.2 IMPORTANT ADDITIONAL ELEMENTS

Upcoming EU Regulatory Changes in 2021 will require shippers to provide complete & accurate full line item information (i.e. goods descriptions, HS code & value) and as such it is important to include the **<ExportDeclaration>**, including **line items**, elements in any shipment request messages.

### 4.3 USING THE DUTIES & TAXES PAID SERVICE

Where applicable, to ensure that any Duties & Taxes incurred when shipping a declarable product are paid by the shipper, additional information is required in the request message to correctly support DTP shipments.

SOAP and RESTv1

- <ShippingPaymentType> set to 'S'
- <DutyAndTaxPayerAccountNumber> DHL account number to be billed
- <PaymentInfo> set to 'DDP'
- <ServiceType> in the SpecialServices section set to 'DD'

RESTv2

- “accounts”
  - “typeCode” value is “duties-taxes”
  - “number” DHL account number to be billed
- “incoterm” set to “DDP”
- “serviceCode” in the valueAddedServices section set to “DD”

## 5 CUSTOMS PAPERWORK REQUIREMENTS

All dutiable shipments must be accompanied by paperwork for Customs.  
Further information can be found on the DHL website.

[https://www.dhl.co.uk/en/express/customs\\_support.html](https://www.dhl.co.uk/en/express/customs_support.html)

Alternatively, DHL's **Paperless Trade (PLT)** service allows you to electronically transmit Commercial and ProForma Invoices, eliminating the need to print and physically attach them to your shipments.

As well as saving valuable time when preparing shipments, this will help save on paper and printing costs, whilst also making a positive contribution to the environment. PLT is free to use, and is accepted in a large number of destinations worldwide. PLT will be available for shipments to the EU from 2021.

### 5.1 RECEIVING CUSTOMS DOCUMENTATION IMAGES IN THE SHIPMENT VALIDATE RESPONSE

It is now possible to request base64 encoded customs documentation images to be returned in the Shipment Response message.

#### 5.1.1 REQUEST

The following elements/sections are used to specify the content and type required for the commercial documentation:

SOAP and RESTv1

- <CustomsInvoiceTemplate>
- <PaperlessTradeEnabled>
- <LabelOptions>
  - <DHLCustomsInvoiceLanguageCode>
  - <DHLCustomsInvoiceType>
- <InternationalDetail>
  - <Commodities>
  - <Content>
  - <ExportDeclaration>



RESTv2

- “imageOptions”
  - “typeCode”: “invoice”
  - “isRequested”: true
  - “invoiceType”: “commercial”
- “exportDeclaration”

### 5.1.2 RESPONSE

The base64 string for the customs documentation image will be provided in the following element of the response:

SOAP and RESTv1

- <Documents>
  - <Document>
    - <DocumentName>Commercial Invoice</DocumentName>
    - <DocumentFormat>PDF</DocumentFormat>
    - <DocumentImage>**Base64Image**</DocumentImage>

RESTv2

- “documents”:
  - “imageFormat”: “PDF”,
  - “content”: “**Base64Image**”,
  - “typeCode”: “invoice”

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Valid: 09/2020