Shipment Status (DHL Global Forwarding)

v 1.0.2

Division: DHL Global Forwarding

Best for:

- Providing access to the **latest shipment event**
- **Business customers** of **DHL Global Forwarding**
- Air and Ocean **Freight** shipments

Region: Global
Used for: Tracking

Overview

ShipmentStatus API allows developer to use shipment's housebill number (DHL shipment number) to request for shipment status information. The response includes the shipment's latest timestamp, origin and destination, package count and weight.

API also allows query using customer's reference, container number or masterbill number. To do that, use GET /housebill-number to get a list of housebill numbers for a given reference, like, customer's reference, container number or masterbill number. Use the housebill number list returned by the response to perform the next step, GET /shipment-tracking.

Please see API specification for more details.

If you wish to query the all historic events please use ShipmentTracking API.

SCOPE

The Shipment Status (DHL Global Forwarding) API provides access to tracking services relating to various products at DHL Global Forwarding.

Using the API

You must have an eligible housebill number (DHL shipment number) for the shipment and an API subscription key (this key needs to be either passed through a query string parameter or specified in the request header).

Shipment Status (DHL Global Forwarding) - Environment: Production - Rate Limit: Starter API product is auto-approved. It is meant for users with low usage and for users to try out the API without having to wait for approval. Higher rate limit API product (Standard and Internal rate limit) requires approval from DHL team.

User Guide

Get Access

You must request credentials for any applications you develop

To register your app and get your API subscription keys:

1. Click My Apps on the portal website.
2. Click Add Developer App.
   The "Add App" form appears.
3. Complete the Add App form.
   You can select the APIs you want to access.
4. When you have completed the form, click the Add App button.
   The "Approved" label will appear next to the app name when the app has been approved.
   Note: Additional verification steps may be required for some applications.

Authentication

Every call to the API requires a subscription key. This key needs to be either passed through a query string parameter or specified in the request header (DHL-API-Key).

To view your API subscription keys:

1. From the My Apps screen, click on the name of your app.
   The Details screen appears.

2. If you have access to more than one API, click the name of the relevant API.
   Note: The APIs are listed under the "Credentials" section.
3. Click the **Show** link below the asterisks that is hiding the *Consumer Key*.
   The *Consumer Key* appears.

Environments

The addressable API base URL/URI environment is:

Environment	Description
https://api.dhl.com/dgff/transportation/shipment-status	Production environment

Rate limits

Rate limits protect the DHL infrastructure from suspicious requests that exceed defined thresholds.

The table below details the main request limits:

Service Level	Maximum calls	Approval
Starter	50 per day	Auto Approved
Standard	2500 per day	Verification and approval required

| Internal | 5000 per day | Verification and approval required |

Please contact dgf.apisupport@dhl.com if you need higher throughput.

When the limit is reached, you will receive an HTTP Status code:

```
HTTP/1.1 429 Too Many Requests
```

Additional Information

Permitted HTTP methods

- GET for retrieving data

Message Definition

Elements	Data Type	Length (min..max)	Cardinality (min..max)	Description	Code List

ShipmentStatus	GROUP		1..1	Root Element	
MessageHeader	GROUP		1..1	Attributes describing the message	
Version	String		1..1	Version of the Schema e.g. 1.0	
SenderID	String		0..1	Included for possible future use	
ReceiverID	String		0..1	Included for possible future use	
MessageID	String		1..1	Unique ID	
CreationDateTime	DateTime		1..1	Creation DateTime	
Shipment	GROUP		1..1	Shipment Details	
HousebillNumber	String	1..35	1..1	Housebill Number	
HouseFileNumber	String	1..35	0..1	Internal Number	
Origin	GROUP		1..1	Origin Details	

	LocationCode	String	3..5	1..1	3-character Location Code	
	LocationName	String	1..35	0..1	Location Name	
	CountryCode	String	2	0..1	ISO 2-character country code	
Destination		GROUP		1..1	Destination Details	
	LocationCode	String	3..5	1..1	3-character Location Code	
	LocationName	String	1..35	0..1	Location Name	
	CountryCode	String	2	1..1	ISO 2-character country code	
ProductType		String	1..10	1..1	Product Type	ProductType
TotalPackages		Integer		1..1	Total number of packages	
TotalWeight		Decimal		1..1	Total Shipment weight (in kilograms)	
	@uom	String	1..3	1..1	Total Shipment weight uom	

					Default to KGM	
TotalVolume		Decimal		1..1	Total Shipment volume (in cubic meters)	
	@uom	String	1..3	1..1	Total Shipment volume uom Default to MTQ	
Timestamp		GROUP		1..1	Current Status of shipment	
	TimestampCode	String		0..1	Status Code	EventAirCode EventOceanCode EventDomesticCode
	TimestampDescription	String		1..1	Current Status textual description	
	TimestampDateTime	DateTime		1..1	Current Status Date Time	

Show Full Table

Code List

EventAirCode

EventDomesticCode

EventOceanCode

ProductType

Legal Terms

specifics for the use of STATUS Data

- Data requested and received via this Shipment Status (DHL Global Forwarding) API, such as transport status, estimated delivery time, including the tracking/housebill number is hereinafter referred to as "Status Data".
- Status Data is Confidential Information in the meaning of section "Communication" of the General Developer Portal Terms of Use. Other than set forth below You must not reveal and/or provide third parties with the Status Data and/or analyze, modify such data in any form and/or derive data/information especially for competitive purposes from it without our prior written consent.
- Status Data is provided to You and/or the entity you are authorized to represent (hereinafter "You"/"Your") under the prerequisite, that You retrieved the according housebill number (DHL shipment number) in compliance with the applicable law, especially in the field of data protection and competition law and that You use the Status Data solely for Your own or Your customers' legitimate tracking purposes.
- The use and submission of Status Data – including submission to any of Your subcontractors – shall always be in compliance with applicable laws and regulations, including – without limitation – data protection laws and competition/antitrust law.

- You shall not combine Status Data with advertisement or present it in a way that it could be regarded as advertisement.
- Unless otherwise agreed, You shall delete the housebill number (DHL shipment number) and Status Data which You received via the Shipment Status (DHL Global Forwarding) API 30 days after the delivery (of the shipment) to the recipient is completed.
- Status Data shall be used in accordance with the following specification:
  - Display "Delivered by Deutsche Post DHL Group" in text (minimum font size) as soon as it is presented/submitted to recipient
- Please note, that we provide free text boxes (e.g. for customer references) to improve the functionalities and user experience of the Shipment Status (DHL Global Forwarding) API. We explicitly ask you to refrain from sending any personal or business critical data and/or information as free text. It is within your sole responsibility to ensure that the data or information you send does not infringe upon applicable law, esp. data protection law, and that you are entitled to use the respective data and/or information accordingly.
- If You are neither the shipper/sender nor the recipient of the DHL Global Forwarding shipment/s, the Status Data refers to,
  - You shall ensure, that you are authorized to act on behalf of the sender and/or the recipient;
  - You shall make the sender and/or the recipient aware of the restrictions set out in this User Guide just as the General Developer Portal Terms of Use;
  - You shall make the sender aware of the necessity to inform the recipient transparently about the processing of his/her personal data according to applicable data protection laws;
  - You shall inform the sender and/or recipient transparently that the use of Your Application may result in the disclosure of data being subject to postal secrecy and data protection laws to third parties (including You).

Reference Docs

Download API Spec

Shipment Status API allows developer to request for latest shipment's information.

`[ Base URL: api.dhl.com/dgff/transportation ]`

https

Default

Endpoints

GET

`/shipment-status`

/shipment-status

GET

`/housebill-numbers`

/housebill-numbers