

# Onfy Integration Guide

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## Overview

This **API** documentation is intended to be used by merchants and developers building integration with Onfy API. This API allows you to synchronise orders with your order management system and communicate updates regarding your order status. To upload your product data you'll need to create a product feed (described below).

This documentation is all the information you might need for the successful integration with Onfy.



If your shop platform is **Mauve**, then the integration is super easy and can be implemented without a single line of code. Just follow [these easy steps](#).

## Product feed

The CSV can be provided either on a server of the shop or can be placed and updated on a FTP space provided by Onfy.

Following fields are required:

Field Name	Description	Required	Example
pzn	Pharmazentralnummer	true	00571748
price	Price of the product	true	34.2
stock_quantity	Availability of product	true	45
max_amount_per_order	The maximum amount which any one buyer would be allowed to purchase	false	3

### CSV example

```
pzn,price,stock_quantity,max_amount_per_order  
00571748,34.2,45,3  
00571749,20.0,100,10  
00571750,1.95,25,5
```

## General

## Base API URL

Base URL for production is <https://merchant-api.onfy.de/api/v1>.

Some **POST** endpoints accept **JSON request body**. For these endpoints you'll need to add header `Content-Type: application/json`. Any other content type is not accepted.

**Please note:** all requests must be made over **HTTPS**. Any call made over HTTP will be rejected.

## Sandbox

Onfy offers you a special sandbox environment, where you can test and try out our API before going live in production.

To get sandbox credentials contact [Onfy Support](#).

Current **base URL for Sandbox API** is <https://onfy-merchant-api.joomdev.net/api/v1>

## HTTP Status Codes

This API refers to the **conventional HTTP response codes** to indicate success or failure:

- **2xx status code** is generally considered successful.
- **4xx status code** means that there was an error with the inputs.
- **5xx status code** means that we've experienced an unexpected error and means we screwed up!

Your code **must** correctly interpret HTTP status codes returned by Onfy API as they are part of the response.

HTTP status codes normally used by Onfy API are:

# HTTP CODE	Aa MEANING	☰ TROUBLESHOOTING
200	<a href="#">Success</a>	All went well. Get your response.
400	<a href="#">Bad request</a>	You need to fix your request to proceed. See the error details in the JSON response. There may be a mistake in the request parameters (e. g. string in JSON integer field) or you're trying to perform an operation that is inconsistent with the current state of the resource (e. g. trying to fulfill a cancelled order).
401	<a href="#">Unauthorized</a>	Please provide a valid access token with your request.
403	<a href="#">Forbidden</a>	You're trying to access a resource that you're not allowed to access. E. g. you're authenticated as one of the merchant's store, but you're trying to access a product or an order from a different store.
404	<a href="#">Not found</a>	You're trying to access a resource that does not exist. E. g. you've accidentally used Joom Product ID in the <code>sku</code> parameter, we cannot find your product with such SKU.
429	<a href="#">Too many requests</a>	You've exceeded our request rate quota. Implement request limiting on your side according to our requirements.
500	<a href="#">Internal server error</a>	Something went wrong on our side. Please try repeating the request a bit later. Probably, we're already aware of the problem and will do our best to fix it, but it may take time. If this error still happens after several retries for a significant amount of time, contact Joom Merchant Support.

## Authorization

API requests are authenticated using an OAuth Bearer token. To obtain Bearer token please contact [Onfy support](#).

To send a request with the Bearer token authorization header, you need to make an HTTP request and provide your Bearer token with the "Authorization: Bearer {token}" header. The client must send this Bearer token in the Authorization header on every request to endpoints.

# Endpoints

## Retrieve Orders

`/orders` GET

Returns orders that satisfy the query.

### Query parameters

Parameter	Type	Required	Description	Example
limit	Int	true	Maximum orders in response. Should be between 1..1000	100

### Response

Parameter	Type	Required	Description	Example
orders	Array	true	List of orders	
orders[].id	String	true	Id of the order set by Onfy	3fa85f64-5717-4562-b3fc-2c963f66afa
orders[].orderNumber	String	true	Human readable Id of the order set by Onfy	434533
orders[].creationTime	string <date-time>	true	Time when the order was placed (ISO 8601, UTC timezone).	2022-07-12T15:52:30.454Z
orders[].status	String	true	Current status of the order.  Allowed values: CREATED, CONFIRMED, SENT_TO_STORE	CREATED
orders[].availableActions	Array<String>	true	List of actions that can be processed on the order. CONFIRM, SEND_TO_STORE	["CONFIRM", "SEND_TO_STORE"]
orders[].deliveryType	String	true	Delivery type	Standard
orders[].buyerInfo	Object	true	Container for shipping address information.	
orders[].buyerInfo.firstName	String	true	First name	John
orders[].buyerInfo.lastName	String	true	Last name	Smith
orders[].buyerInfo.email	String	true	Email	test@test.com
orders[].buyerInfo.phone	String	true	Phone	017742656789
orders[].buyerInfo.countryCode	String	true	Country code	DE
orders[].buyerInfo.zipCode	String	true	Postal code or zip code	10800
orders[].buyerInfo.city	String	true	City	Berlin

Parameter	Type	Required	Description	Example
orders[].buyerInfo.street	String	true	Street	Potsdamer Platz
orders[].buyerInfo.house	String	true	House number	1
orders[].buyerInfo.comment	String	false	Address comment	Mailbox "Smith"
orders[].deliveryPrice	Object	true		
orders[].deliveryPrice.value	Decimal	true	Delivery Price (amount)	3.95
orders[].deliveryPrice.currency	String	true	Delivery Price (currency)	EUR
orders[].itemsPrice	Object	true		
orders[].itemsPrice.value	Decimal	true	Products Price (amount)	10.00
orders[].itemsPrice.currency	String	true	Products Price (currency)	EUR
orders[].totalPrice	Object	true		
orders[].totalPrice.value	Decimal	true	Delivery and products price (amount)	13.95
orders[].totalPrice.currency	String	true	Delivery and products price (currency)	EUR
orders[].totalPriceAfterDiscount	Object	true		
orders[].totalPriceAfterDiscount.value	Decimal	true	Products Price + Delivery price - Discount (amount)	10.00
orders[].totalPriceAfterDiscount.currency	String	true	Products Price + Delivery price - Discount (currency)	EUR
orders[].discountValue	Object	true		
orders[].discountValue.value	Decimal	true	Discount size (amount)	10.00
orders[].discountValue.currency	String	true	Discount size (currency)	EUR
orders[].items	Array	true	List of ordered items (pzn only)	
orders[].items[].id	String	true	Item id	ee2fb40ed107414c8a68681447636de5
orders[].items[].productId	String	true	Product id	f89f0e7d3fb44033ab4fdbef49e0ef15
orders[].items[].productNumber	String	true	PZN	002334422
orders[].items[].productName	String	true	Product name	Test Medicine
orders[].items[].quantity	Integer	true	Amount of items	5
orders[].items[].productPrice	Object	true		
orders[].items[].productPrice.value	Decimal	true	Price for one item (amount)	2.00
orders[].items[].productPrice.currency	String	true	Price for one item (currency)	EUR
orders[].items[].totalPrice	Object	true		

Parameter	Type	Required	Description	Example
orders[].items[].totalPrice.value	Decimal	true	Price for all items (amount)	10.00
orders[].items[].totalPrice.currency	String	true	Price for all items (currency)	EUR
orders[].itemsEan	Array	true	List of ordered items (non-pzn only)	
orders[].itemsEan[].id	String	true	Item id	ee2fb40ed107414c8a68681447636de5
orders[].itemsEan[].productId	String	true	Product id	f89f0e7d3fb44033ab4fdbef49e0ef15
orders[].itemsEan[].productNumber	String	true	EAN	002334422
orders[].itemsEan[].productName	String	true	Product name	Test Medicine
orders[].itemsEan[].quantity	Integer	true	Amount of items	5
orders[].itemsEan[].productPrice	Object	true		
orders[].itemsEan[].productPrice.value	Decimal	true	Price for one item (amount)	2.00
orders[].itemsEan[].productPrice.currency	String	true	Price for one item (currency)	EUR
orders[].itemsEan[].totalPrice	Object	true		
orders[].itemsEan[].totalPrice.value	Decimal	true	Price for all items (amount)	10.00
orders[].itemsEan[].totalPrice.currency	String	true	Price for all items (currency)	EUR

### Response example

```
{
  "orders" : [ {
    "id" : "f0319d12fea24d46b9b97f804e90de19",
    "orderNumber" : "101102",
    "creationTime" : "2022-08-22T09:42:57.373257",
    "status" : "CREATED",
    "availableActions" : [ "CONFIRM", "SEND_TO_STORE" ],
    "deliveryType" : "Standard",
    "buyerInfo" : {
      "firstName" : "test name",
      "lastName" : "test lname",
      "email" : "test email",
      "phone" : "test phone",
      "countryCode" : "DE",
      "zipCode" : "10800",
      "city" : "Berlin",
      "street" : "test street",
      "house" : "test house"
    },
    "deliveryPrice" : {
      "value" : 3.95,
      "currency" : "EUR"
    },
    "itemsPrice" : {
      "value" : 10.00,
      "currency" : "EUR"
    }
  } ]
}
```

```

    },
    "totalPrice" : {
      "value" : 13.95,
      "currency" : "EUR"
    },
    "totalPriceAfterDiscount" : {
      "value" : 11.95,
      "currency" : "EUR"
    },
    "discountValue" : {
      "value" : 2.00,
      "currency" : "EUR"
    }
  }
  "items" : [ {
    "id" : "ee2fb40ed107414c8a68681447636de5",
    "productId" : "f89f0e7d3fb44033ab4fdbef49e0ef15",
    "productNumber" : "1111111",
    "productName" : "Test Medicine",
    "quantity" : 5,
    "productPrice" : {
      "value" : 2.00,
      "currency" : "EUR"
    },
    "totalPrice" : {
      "value" : 10.00,
      "currency" : "EUR"
    }
  } ],
  "itemsEan" : [ {
    "id" : "ee2fb40ed107414c8a68681447636de5",
    "productId" : "f89f0e7d3fb44033ab4fdbef49e0ef15",
    "productNumber" : "1234567890123",
    "productName" : "Test Non-pzn product",
    "quantity" : 5,
    "productPrice" : {
      "value" : 2.00,
      "currency" : "EUR"
    },
    "totalPrice" : {
      "value" : 10.00,
      "currency" : "EUR"
    }
  } ]
} ]
}

```

## Fulfill Order

`/orders/fulfill` **POST**

Fulfills an order in the Onfy system.

This endpoint must be called after you have made some progress on order.

### Request body

Parameter	Type	Required	Description	Example
orderId	String	true	Id of the order set by Onfy	3fa85f64-5717-4562-b3fc-2c963f66afa
action	String	true	Processed action name	CONFIRM
courier	String	false	Shipping company	DHL
trackingNumber	String	false	The unique identifier that your carrier provided	1000000000

#### Request body example

```
{
  "orderId": "f0319d12fea24d46b9b97f804e90de19",
  "action": "CONFIRM",
  "courier": "DHL",
  "trackingNumber": "1000000000"
}
```

## Actions

Name	Description
SEND_TO_STORE	The store have received created order
CONFIRM	The order have been processed by store and send to delivery service

## Cancel Order Total

[/orders/cancel/total](#) **POST**

Cancels an order in the Onfy system.

This endpoint must be called if you want to cancel entire order.

#### Request body

Parameter	Type	Required	Description	Example
orderId	String	true	Id of the order set by Onfy	f0319d12fea24d46b9b97f804e90de19
reason	String	true	Cancel reason	OUT_OF_STOCK
comment	String	false	Comment for the cancellation	Manufacturer cannot deliver the product

#### Request body example

```
{
  "orderId": "f0319d12fea24d46b9b97f804e90de19",
  "reason": "OUT_OF_STOCK",
  "comment": "Manufacturer cannot deliver the product",
}
```

## Reasons

Name	Description
OUT_OF_STOCK	Products are out of stock
WRONG_ITEM	The amount of items is wrong
UNDELIVERED	The order returned back from customer

In other cases please contact Onfy to refund the order.

## Cancel Order Items

`/orders/cancel` **POST**

Cancels order's items in the Onfy system.

This endpoint must be called if you want to cancel part of the order.

### Request body

Parameter	Type	Required	Description	Example
orderId	String	true	Id of the order set by Onfy	f0319d12fea24d46b9b97f804e90de19
reason	String	true	Cancel reason	OUT_OF_STOCK
comment	String	false	Comment for the cancellation	Manufacturer cannot deliver the product
items[]	Array	true	List of ordered items to cancel	
items[].productNumber	String	true	Product pzn	03554928
items[].remainingQuantity	Integer	true	Remaining amount of product in order after refund	0

### Request body example

```
{
  "orderId": "f0319d12fea24d46b9b97f804e90de19",
  "items": [
    {
      "productNumber": "16225037",
      "remainingQuantity": 2
    },
    {
      "productNumber": "03554928",
      "remainingQuantity": 0
    }
  ]
  "reason": "OUT_OF_STOCK",
  "comment": "Manufacturer cannot deliver the product",
}
```

### Reasons

Name	Description
OUT_OF_STOCK	Products are out of stock
WRONG_ITEM	The amount of items is wrong
UNDELIVERED	The order returned back from customer

In other cases please contact Onfy to refund the order.