PackageSender API

API integration and models description v2.0

November 2025

Contents

PackageSender API interfaces

This document describes the API interfaces between PackageSender PMS system and external (ERP, Warehousing) software.

Swagger URL: https://packagesender.com/swagger/ui/index

Important

Testing of the API is done by setting the »IsTest« flag!!!

API authentication

Before accessing other API interfaces, authentication is required.

To authenticate, obtain an access token that must be included in all subsequent API requests.

PackageSender implements the OAuth 2.0 protocol, an industry-standard framework for secure and delegated authorization.

Endpoint: https://packagesender.com/oauth/token

REQUEST

Method: **POST**
Body: **x-www-form-urlencoded**

Name	Type	Description
username	String	Your PackageSender PMS login username
password	String	Yout PackageSender PMS login password
grant_type	String const	password

Example

RESPONSE

The result will be a JSON with the following:

Name	Type	Description
access_token	String	Access token as string
token_type	String const	Token type is »bearer«
expires_in	int	Expiration time in seconds

Example
```
{
    "access_token": "4CSiU5G3ddnS87MSxNRUzjpcD0vY7XORGUzL4-rOtNi.......",
```

```json
    "token_type": "bearer",
    "expires_in": 43199
}
```

```json
    "token_type": "bearer",
    "expires_in": 43199
}
```

Start price

With this API you can calculate package/document start price by providing the package type, relation and weight.

Endpoint: https://packagesender.com/api/pricing/start

REQUEST

Method: **POST**
Header**: Authorization Bearer {auth_token_here}**
Body: **applicationa/json**

Name	Type	Description
CurrencyCode	String	EUR
Fast	Boolean	True/False
Insurance	Enum	CoverageUpTo200EUR = 1 CoverageUpTo2000 = 2
OfferType	Enum	Personal=1 Business = 2
NumberOfPackages	Integer	Number of packages to send
PackageType	Enum	Document = 1 Package = 2
Wight	Float	Package weight in kg
From	**Complex**	
Code	String	ISO 2 or 3-letter country code (example Slovenia SI or SVN)
To	**Complex**	
Code	String	ISO 2 or 3-letter country code (example Slovenia SI or SVN)

Example

Header if you are authenticated (Business partner)

Request and response

POST   ∨   https://packagesender.com/api/pricing/start

Params   Authorization ●   Headers (8)   **Body** ●   Pre-request Script   Tests   Settings

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   **JSON** ∨

```json
1  {
2      "OfferType": 2,
3      "Weight": 2.0,
4      "Fast": false,
5      "PackageType": 2,
6      "From": {
7          "Code": "SVN"
8      },
9      "To": {
10         "Code": "AUT"
11     },
12     "NumberOfPackages": 1,
13     "Insurance": 1,
14     "CurrencyCode": "EUR"
15 }
```

Body   Cookies   Headers (9)   Test Results

Pretty   Raw   Preview   Visualize   JSON ∨

```json
1  {
2      "FastToReferenceCountry": false,
3      "Partner": 3,
4      "RoutingPartner": 0,
5      "Price": 11.26,
6      "RoutingPrice": 0.0,
7      "DeliveryTime": {
8          "FromDays": 1,
9          "ToDays": 0
10     },
11     "PricingTargetWeight": 2.0,
12     "OnlyFast": false
13 }
```

Order

With this api, PMS can receive an order, validate it, store it into the database and generate package tracking numbers and labels.

Endpoint: https://packagesender.com/api/v2/business/order

REQUEST

Method: **POST**
Header: **Authorization Bearer {auth_token_here}**
Body: **application/json**

Name	Type	Description
IsTest	Boolean	Determine if request is in testing or production mode
Fast	Boolean	True if you want fast delivery. For economy mode is false.
From	String	ISO 2 or 3-letter country code (example Slovenia SI or SVN)
To	String	ISO 2 or 3-letter country code
Insurance	Boolean	If you want to include insurance for packages
InsuranceAmount	Decimal	Amount to be insured
PickupData	**Complex**	
Date	String	Pickup date formated as **dd.MM.yyyy** (example 23.12.2020)
CompanyName	String	Pickup place company name
Name	String	Pickup place contact person name and surname
Phone	String	Pickup place phone number like +xxx xx xxx xxx
Street	String	Pickup street and number
Zip	String	Pickup zip code
City	String	Pickup postname or city
Email	String	Pickup contact email
DeliveryData	**Complex**	
CompanyName	String	Delivery copany name
Name	String	Delivery constact name and surname
Phone	String	Delivery phone number like +xxx xx xxx xxx
Street	String	Delivery street and number
Zip	String	Delivery zip code
City	String	Delivery post name or city
Email	String	Delivery contact Email
Packages	**Array<Complex>**	
PieceNumber	Integer	Your package number 1,2,3 – N, it will connect your package and tn
Weight	Float	Package weight in kilograms
Width	Integer	Package Width dimension in centimeters
Height	Integer	Package Height dimension in centimeters

Length	Integer	Package Lenght dimension in centimeters
Value	Decimal	Package value in EUR
ContentDescription	String	Package content description
IsCOD	Boolean	Cash on delivery flag
CODAmount	Decimal	COD amount (must be > 0 when IsCOD=true)
Proforma	Complex	Proforma invoice data for international shipments
ProformaType	Enum	UserInvoice = 0, InputItems = 1
InvoiceDate	String	dd.MM.yyyy format
InvoiceNumber	String	Invoice number
Currency	String	Invoice currency
InvoicePDFFile	String	Base64-encoded PDF
Items	Array<Complex>	
Position	Integer	Position in the list
Description	String	Description of the item
Quantity	Integer	Quantity of the item
PricePerItem	Decimal	Value of each individual item
Weight	Double	Weight of each individual item

VALIDATION

COD validation: *CODAmount* must be > 0 when *IsCOD* is true

Proforma validation:

- Required for non-EU shipments
- Not required for EU-to-EU shipments
- All proforma fields are mandatory when proforma is required
- At least one item must be provided

Pickup Date Validation Rules

The pickup date must adhere to specific validation rules that depend on the shipment route, carrier, and the time when the order is created.

The following rules apply:

General Rules

- Pickup dates cannot fall on weekends (Saturday or Sunday)
- Pickup date must be today or a future date
- Date format must be dd.MM.yyyy

Route-Specific Rules

SLOVENIA → SLOVENIA

Carrier: DPD (packages up to 30 kg)

- Before 14:30: Pickup can be scheduled for the same day

- After 14:30: Pickup is scheduled for the next business day

SLOVENIA → FOREIGN

Weight limits vary by destination country (up to 30 kg or 40 kg depending on the country).

DPD and GLS:

- Before 14:30: Pickup can be scheduled for the same day
- After 14:30: Pickup is scheduled for the next business day

DHL:

- Before 15:30: Pickup can be scheduled for the same day
- After 15:30: Pickup is scheduled for the next business day

FOREIGN → SLOVENIA

DPD and GLS:

- Monday to Thursday before 14:30: Pickup is scheduled for the next
- business day (+1 day)
- Monday to Thursday after 14:30: Pickup is scheduled for the second
- business day (+2 days)
- Friday before 14:30: Pickup is scheduled for Monday
- Friday after 14:30: Pickup is scheduled for Tuesday
- Weekend (Saturday/Sunday): Pickup is scheduled for Tuesday

DHL:

- Monday to Friday before 15:00: Pickup can be scheduled for the same
- day
- Monday to Friday after 15:00: Pickup is scheduled for the next
- business day
- Friday after 15:00: Pickup is scheduled for Monday
- Weekend (Saturday/Sunday): Pickup is scheduled for Monday

FOREIGN → FOREIGN

DPD:

- Before 14:30: Pickup is scheduled for the next business day (+1 day)
- After 14:30: Pickup is scheduled in two business days (+2 days)

DHL:

- Before 14:00: Pickup can be scheduled for the same day
- After 14:00: Pickup is scheduled for the next business day

Example

	Params	Authorization ●	Headers (8)	Body ●	Pre-request Script	Tests	S

Headers   ⌀ Hide auto-generated headers

	KEY	VALUE	DES
☑	Authorization ⓘ	Bearer -vGVGM9Hxi7tQchJ6XBQ13W4KA4...	
☑	Content-Type ⓘ	application/json	
☑	Content-Length ⓘ	<calculated when request is sent>	
☑	Host ⓘ	<calculated when request is sent>	
☑	User-Agent ⓘ	PostmanRuntime/7.26.8	
☑	Accept ⓘ	*/*	
☑	Accept-Encoding ⓘ	gzip, deflate, br	
☑	Connection ⓘ	keep-alive	
	Key	Value	De

POST ▼	https://packagesender.com/api/v1/business/order

Params   Authorization ●   Headers (8)   **Body ●**   Pre-request Script   Tests   Settings

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   JSON ▼

```json
{
  "IsTest": true,
  "Fast": false,
  "From": "SI",
  "To": "BA",
  "PickupData": {
    "Date": "24.12.2020",
    "CompanyName": "Test Company d.o.o.",
    "Name": "Pickup Surname",
    "Phone": "+38651000999",
    "Street": "Dunajska 116",
    "Zip": "1000",
    "City": "Ljubljana",
    "Email": "info@packagesender.com"
  },
  "DeliveryData": {
    "CompanyName": "Delivery Company d.o.o.",
    "Name": "Delivery Surname",
    "Phone": "+38651000999",
    "Street": "Dunajska 116",
    "Zip": "20000",
    "City": "Maribor",
    "Email": "info@packagesender.com"
  },
  "Packages": [
    {
      "PieceNumber": 1,
      "Weight": 0.5,
      "Width": 10,
      "Height": 15,
      "Length": 20,
      "Value": 120,
      "ContentDescription": "content of package toys"
    }
  ],
  "Insurance": false,
  "InsuranceAmount": 0
}
```

RESPONSE

Name	Type	Description
OrderId	Integer	PS order id
Scuccess	Boolean	If request is succes or not

Errors	Array<String>	List of errors inside of your request
PackagesData		
PSPackageId	Integer	PS package id
PieceNumber	Integer	Your peace/package number returned
LabelData	String	PDF label encoded as Base64 string
TrackingNumber	String	Package tracking number
Warning	String	Possible warning for this packeg

Example:

```json
{
    "OrderId": 12345,
     "PackagesData": [
          {
             "PSPackageId": 1,
             "PieceNumber": 1,
             "LabelData": "Label PDF encoded as Base64 string",
             "TrackingNumber": "Test0000000",
             "Warning": "This is TEST response"
          }
        ],
    "Success": true
    "Errors": [],
}
```

Load Order by ID

Retrieves order details by order ID. Users can only access their own orders unless they have admin privileges.

Endpoint: https://packagesender.com/api/v2/business/order/{id}

REQUEST

Method: **GET**

Header: **Authorization Bearer {auth_token_here}**

Parameter: **id** – ID of the order (required)

RESPONSE: The whole Order object

Add Comment to Order

Endpoint: https://packagesender.com/api/v2/business/order/comment

REQUEST

Method: **POST**

Header: **Authorization Bearer {auth_token_here}**

Body: **application/json**

Name	Type	Description
OrderId	int	Order ID
Message	String	Comment content

Example:

```
{
    "OrderId": 126402,
    "Message": "test"
}
```

RESPONSE:

Name	Type	Description
Id	int	ID of the created comment
OrderId	int	Order ID
Message	String	Content of the comment
CommentTime	DateTime	Creation date and time of the comment

Example:

```
{
    "Id": 65455,
    "OrderId": 126402,
    "Message": "test",
    "CommentTime": "2025-11-04T07:11:02.7569887+01:00"
}
```

Cancel Order

Endpoint: https://packagesender.com/api/v2/business/order/cancel

REQUEST:

Method: **POST**

Header: **Authorization Bearer {auth_token_here}**

Body: **application/json**

Name	Type	Description
OrderId	int	Order ID
Message	String	Cancellation reason

RESPONSE:

Name	Type	Description
OrderId	int	Order ID
OrderStatus	Enum	Created = 1, Processed =2, Canceled = 3, Completed = 4

Country

This API returns list of supported countries or country data by county code

Endpoints:

https://packagesender.com/api/v2/business/country
https://packagesender.com/api/v2/business/country/{code}

REQUEST

Method: **GET**
Header: **Authorization Bearer {auth_token_here}**

RESPONSE

Response is array or one entity of country:

Name	Type	Description
Name_EN	String	English country name
Name_SL	String	Slovenian country name
Code	String	3-letter ISO country code
Code2	String	2-letter ISO country code

Track

This API returns package statuses and tracking data.

Endpoint: http://packagesender.com/api/v2/business/tracking/{trackingNumber}

REQUEST

Method: **GET**
Url parameters: **trackingNumber**
Header: **Authorization Bearer {auth_token_here}**

RESPONSE

Name	Type	Description
PackageNumber	String	Package tracking number (same as input)
Items		
EventNumber	String	Event position number
Date	String	Event date in format ddMMyyyy
Time	String	Event time in format hhMM
Location	String	Event location name
Description	String	Event description
Statuses	Dictionaray<String, boolean>	**Status names and boolean status for it (true if is passed):** `Preadvice, transit, werhouse, delivery, delivered`

Statuses dictionary represents this visualization (if true circle filled orange):

Preadvice   Transit   Final warehouse   In delivery   Delivered

Example:

```
{
  "PackageNumber": "16962012160567",
  "Items": [
    {
      "EventNumber": "18",
      "Date": "17032021",
      "Time": "0756",
      "Location": "DPD data centre",
      "Description": "Order information has been transmitted to DPD."
    },
    {
      "EventNumber": "15",
      "Date": "17032021",
      "Time": "1633",
      "Location": "Maribor (SI)",
      "Description": "Parcel handed to DPD"
    },
    {
      "EventNumber": "10",
      "Date": "17032021",
      "Time": "1856",
      "Location": "Maribor (SI)",
      "Description": "In transit."
    },
    {
      "EventNumber": "5",
      "Date": "17032021",
```

```json
      "Time": "1856",
      "Location": "Maribor (SI)",
      "Description": "In transit."
    }
  ],
  "Statuses": {
    "preadvice": true,
    "transit": true,
    "werhouse": false,
    "delivery": false,
    "delivered": false
  }
}
```