API Integration

Partner API (1.49)

The entire BOX NOW API documentation can be found on **https://www.BOX NOW.gr/en/partner-api**

1. Set up

To use our API, you must first **register your company with our sales team**. To do that, reach out to us at **sales@BOX NOW.gr** with the following information:

- **Company name, Address, Tax ID & Contact details (for customers)**. Examples: info@BOX NOW.gr, phone number (e.g. 210-1234567)

- **Phone numbers** of users that will have access to the Partner Portal system. We will use these numbers for 'One Time Password' (OTP) SMS authentications during log-in.

- **All addresses of pickup points** where we will be picking up your orders for delivery. Examples: Warehouses, Stores etc.

After you are successfully registered, you will receive the following:

OAUTH_CLIENT_ID

Keep this value private and safe! This is your OAuth2 Client ID that you will use to authenticate with the Partner API.

OAUTH_CLIENT_SECRET

Keep this value private and safe! This is your OAuth2 Client Secret that you will use to authenticate with the Partner API.

API_URL

This is your Base URL for the Partner API, to which you will then append the relevant endpoint paths.

2. Environments

Stage (Sandbox)

An environment with limited functionalities, where you can test the integration.

Production

Use this environment with **caution**, as it is *live* and connected to real end-users.

3. Requesting a Delivery (Process)

Follow these steps to successfully request a delivery and perform other related actions:

3.1. Authentication /auth-sessions

Authentication is based on OAuth 2.0 standard, Client Credentials grant. Client ID and Secret **MUST** be passed to you from BOX NOW support in advance
In order to use the API, you **must attach the access token to Authorization header as a Bearer token**.

See an example of a successful integration:

POST /api/v1/auth-sessions

```
{
  "grant_type": "client_credentials",
  "client_id": "string",
  "client_secret": "string"
}
```

```
∨ {
  grant_type*          string
                       example: client_credentials
                       The grant_type parameter must be set to client_credentials.

  client_id*           string
                       Your application's Client ID. You can get this from our support

  client_secret*       string
                       Your application's Client Secret. You can get this from our support
```

Status Code 200

```
"access_token": "client_credentials",
"token_type": "Bearer",
"expires_in": 3600
```

Further responses, which might occur:

Error Code	Description
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.
403	Account disabled. Your account had been disabled, contact support.

3.2. List all available origins */origins*

This call will list all available pick-up points locations where BOX NOW can pick up all your parcels from – typically your warehouses.

You can list all your warehouses using */origins API* call, which has the same parameters as */destinations API* call where you do not specify parameters latlng, radius or requiredSize, but you specify locationType as "warehouse". You refer to this location by its ID (locationId).

Moreover there is one specific location called Any APM that can be listed by the same way and using locationType as "any-apm", it returns just one location – any-apm with ID: 2. You can refer to it by its ID (locationId). Usage of this will be explained in the next section.

Below is the parameter available for you to filter all Origin locations:

Name	Type	Description
lating	String	If applied, only locations in the specified radius from this gps coordinate, are returned

radius	Number	Radius in meters to return only locations within selected radius from given GPS location. Ignored if latlng is not present. Default value: 25000
requiredSize	Number	Return only locations that can accept a package of your requiredSize
locationType	Array[string]	Return only locations with given a type. If not present, filter is not applied. Available values: any-apm, warehouse, depot
name	String	Return only locations with matching name
regionLanguageTag	String	example el-GR
X-PartnerID	String	Partner ID you want to manage. You can list partners you are allowed to manage from /entrusted-partners endpoint.

See an example of a successful integration:

GET /api/v1/origins

```
curl -X 'GET' \
 '…/origins \
-H 'accept: application/json'
```

Status Code 200

```json
{
  "data": [
    {
      "id": "string",
      "type": "apm",
      "image": "https://via.placeholder.com/150",
      "lat": "48.78081955454138",
      "lng": "12.446962472273063",
      "region": "el-GR",
      "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
      "addressLine2": "string",
      "postalCode": "15121",
      "country": "GR",
      "note": "You can find it behind the pet shop"
    }
  ]
}
```

Further responses, which might occur:

Error Code	Description
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.
403	Account disabled. Your account had been disabled, contact support.

3.3. List all available destinations */destinations*

This call will list all available APM (**A**utomatic **P**arcel **M**achine) locations where we can deliver your parcel to.

Below are the parameters available for you to filter all APM locations:

Name	Type	Description
latlng	string	If applied, only locations in the specified radius from these gps coordinates are returned. Example: 48.78081955454138,12.446962472273063
radius	number	Radius in meters to return only locations within a selected radius from given GPS location. Ignored if **latlng** is not present. Example: 1000 Default Value: 25000

requiredSize	number	Return only locations that can accept a package of your **requiredSize**. Example: 1
locationType	array[string]	Return only locations with given types. If not present, filter is not applied. Available values : apm, any-apm, warehouse, depot
name	String	Return only locations with matching name
regionLanguageTag	String	example el-GR
limit	number	Limit the number of returned results. If not defined, all results are returned.
X-PartnerID	String	Partner ID you want to manage.You can list partners you are allowed to manage from /entrusted-partners endpoint.

See an example of a successful integration:

GET /api/v1/destinations

```
curl -X 'GET' \
 '.../destinations \
 -H 'accept: application/json'
```

Status Code 200

```json
{
  "data": [
    {
      "id": "string",
      "type": "apm",
      "image": "https://via.placeholder.com/150",
      "lat": "48.78081955454138",
      "lng": "12.446962472273063",
      "region": "el-GR",
      "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
      "addressLine2": "string",
      "postalCode": "15121",
      "country": "GR",
      "note": "You can find it behind the pet shop",
      "expectedDeliveryTime": "2021-06-07T12:33:18.723Z"
    }
  ]
}
```

Alternatively, refer to **section 4** for a JavaScript snippet you can embed into your web to display all available APMs via a pop-up / iframe widget, or for a brief description of a successful custom map integration.

id

When requesting a delivery, you will refer to these records by **id** – More commonly: **locationId**

Further responses, which might occur:

Error Code	Description
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.
403	Account disabled. Your account had been disabled, contact support.

3.4. Request a delivery */delivery-requests*

Use this call to order a delivery of a parcel (or multiple parcels).
This is *the main call* you will be using to create any type of delivery requests.

Once a **successful request** for delivery is made:

- (optional) We will send you an email notifying you of a successful delivery request creation with a PDF label attached. Parameter *notifyOnAccepted* needs to be populated for this function (See **Appendix 6.3**).

- (Described below) Alternatively, you should fetch the PDF label for each parcel using the GET **/parcels/{id}/label.pdf** call, print it and stick it to the parcel(s).

- We will send a courier to pick up the parcel(s) at the agreed pick-up times.

- We will also notify the customer that:
  1. we have received a delivery order and that a parcel will be delivered to them.
  2. we have successfully delivered their parcel(s) to the specified destination APM, with the necessary details for collecting the parcel(s).

See an example of a successful integration:

```
  "orderNumber": "string",
  "invoiceValue": "25.50",
  "paymentMode": "prepaid",
  "amountToBeCollected": "0.00",
  "allowReturn": true,
  "origin": {
   "contactNumber": "+30 21 4 655 1234",
   "contactEmail": "partner.example@BOX NOW.gr",
   "contactName": "Kostas Kostantinidis",
   "locationId": string"
  },
  "destination": {
   "contactNumber": "+30 69 1 234 1234",
   "contactEmail": "customer.example@BOX NOW.gr",
   "contactName": "Yiannis Papadopoulos",
   "locationId": string"
  },
  "items": [
   {
    "id": string",
    "name": "Smartphone","value":
    "3.45",
    "weight": 0
   }
  ]
```

POST /api/v1/delivery-requests

items: weight

If the parcel weight is unknown, pass **0**.

These parameters are the main identifiers of pick up & delivery locations:

origin: locationId

The warehouse where the parcel will be picked up from.

destination: locationId

Automatic **P**arcel **M**achine (APM) where the parcel will be delivered to.

Also, do not forget to pass us the following personal details with each delivery request:

- **Sender:**

  - Name
- **Recipient:**

  - Name

  - Phone number

  - Email

Status Code 200

```
"referenceNumber": "string",
"parcels": [
 {
   "id": "string"
 }
]
```

Note: In the above example, the "items" correspond to parcels, but item ID is eshop unique ID (reference number, if you will). If you do not have unique ID of each item then create it by order number combined with sequential item number or any other way. While **parcel ID** *(parcels: id)* is BOX NOW internal unique ID used further to refer to the parcel.

For sending from APM you can use origin "any-APM" and destination specific APM.

Further responses, which might occur:

Error Code	Description
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.
403	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.

3.5 Fetch a shipping label */parcels/{id}/label.{type}*

Use this call to request a .pdf or .zpl file with a label you should print a stick onto each parcel.

Only this parameter is available to you:

Name	Type	Description
id*	string	Unique parcel ID. You have received parcel ID after a successful delivery request creation or you can list all parcels, see …/parcels Example: 1234567890 Parcel ID is always a 10-digit number.

type*	string	Available values: pdf, zpl (zebra printer language)
dpi	number	Only applies to ZPL. 200 or 300 supported. Available values : 200, 300 Default value : 200
width	number	Label width in mm. Only applies to ZPL. Default value : 100
printerModel	string	Example: ZQ310
X-PartnerID	string	Partner ID you want to manage. You can list partners you are allowed to manage from /entrusted-partners endpoint.

See an example of a successful integration:

GET /api/v1/parcels/{id}/label.pdf

```
curl -X 'GET' \
 '.../parcels/{id}/label.pdf' \
 -H 'accept: application/pdf'
```

Status Code 200

.pdf file with the corresponding label

Alternatively, to print all shipping labels at once for your order, you can replace the /parcels/{id} part with /delivery-requests/{orderNumber}: See an example of a successful integration:

GET /api/v1/delivery-requests

```
curl -X 'GET' \
 '.../delivery-requests/{orderNumber}/label.pdf' \
 -H 'accept: application/pdf'
```

Status Code 200

.pdf file with all the corresponding shipping labels of the specific order

Further responses, which might occur:

Error Code	Description
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.
403	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.

3.6 Cancel parcel delivery */api/v1/parcels/{id}:cancel*

You can cancel a parcel label after you create it. Canceling a canceled parcel has no effect.

IMPORTANT: You can only cancel a parcel label when the status of a parcel is "New". For other instances please refer to **care@BOX NOW.gr** or **ict@boxnow.gr**

Name	Type	Description
id*	string	Unique parcel ID. You have received parcel ID after a successful delivery request creation or you can list all parcels, see …/parcels Example: 1234567890 Parcel ID is always a 10-digit number.
X-PartnerID	string	Partner ID you want to manage. You can list partners you are allowed to manage from /entrusted-partners endpoint.

See an example of a successful integration:

POST /api/v1/parcels/{id}:cancel

Status Code 200

Further responses, which might occur:

Error Code	Description
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.

403	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.

4 Destination Map (Widget/Custom)

4.1 Widget Integration

As an alternative to integrating our API, you can embed our out-of-the-box widget into your checkout page. This widget is communicating with our API and includes the same data you can access via **GET /api/v1/destination**.

You can find the widget via this link: https://widget-v5.BOX NOW.gr/devs

Note: The widget map is communicating only with our Production environment.

How to install BOX NOW Map Widget
1. *Paste the BOX NOW Map Widget JavaScript code into the checkout page (or any other page where you want to display the BOX NOW Map Widget).*
2. *Create new HTML button with class attribute BOX NOW-widget-button to open BOX NOW Map Widget. For example:*

> *Open widget*

3. *Create function for accept data from selected locker (id, address, name, etc.)*

BOX NOW Map Widget (Javascript Code):

```
<div id="BOX NOWmap"></div>

<script type="text/javascript">
var _bn_map_widget_config = {
    partnerId: 123,
    parentElement: "#BOX NOWmap"
                        afterSelect: function(selected){
        alert(selected.BOX NOWLockerPostalCode);
                        alert(selected.BOX NOWLockerAddressLine1);
        alert(selected.BOX NOWLockerId);
    }
};
(function(d){var e = d.createElement("script");
e.src = "https://widget-cdn.BOX NOW.gr/map-widget/client/v5.js";
e.async = true;e.defer =true;
d.getElementsByTagName("head")[0].appendChild(e);
})(document);

</script>
```

Note: The most important is variable _bn_map_widget_config. With this variable you can setup all required options, as shown below.

Name	Usage	Description
parentElement	required	Please fill CSS selector for Map Widget container. For example, just create `<div id="BOX NOWmap"></div>` and fill `#BOX NOWmap`. The BOX NOW map widget willbe placed inside this element.
afterSelect	required for `type:iframe` and `type:popup`	Function that is triggered when the lock is selected. Included one parameter (object) contains all information about locker (properties `BOX NOWLockerPostalCode`, `BOX NOWLockerAddressLine1` and `BOX NOWLockerId` are the most important).

`partnerId`	required	Please use your `partnerId`
`type`	optional	Use `iframe`, `popup` or `navigate`. Default is `iframe`.
`gps`	optional	Use it if you want to change the user's location request immediately after displaying the map. Possible options are `true` or `false`. Default is `true`.
`autoclose`	optional	Use it when you want to change what happens after you select a locker. For `type:iframe`, the default value is `true`, which means that the map will be hidden when the locker is selected. For `type:popup`, `autoclose` is always `true`. The possible values are `true` or `false`. The default value is `true`.
`autoselect`	optional	The possible values are true or false. For type:iframe the default value is true. If value is true you can select a locker immediately after clicking on a locker on the map or in the list. If value is false, you can select a locker only after clicking the 'select locker' button. For type:popup, value is required and should be false. for type:iframe optional for type:popup required
`buttonSelector`	optional	You can change the default class name to open the BOX NOW Map Widget. Default is `.BOX NOW-map-widget-button`.

zip	optional	If you have set gps=false, you can use this parameter to suggest a location on the map. The value can be a ZIP or part of a general address.

Other useful JSON variables from the API, includes:

- **id** for locker ID

- **image** for a url with image of the locker

- **name** of the specific APM

- **addressLine1** and **addressLine2**

- **postalCode**

- **note** for a detailed description of the locker's location.

5 Troubleshooting (Error Codes)

Description of codes for `400 Bad Request` responses

- **P400** - Invalid request data. Make sure are sending the request according to this documentation.
- **P401** - Invalid request origin location reference. Make sure you are referencing a valid location ID from Origins endpoint or valid address.
- **P402** - Invalid request destination location reference. Make sure you are referencing a valid location ID from Destinations endpoint or valid address.
- **P403** - You are not allowed to use AnyAPM-SameAPM delivery. Contact support if you believe this is a mistake.
- **P404** - Invalid import CSV. See error contents for additional info.
- **P405** - Invalid phone number. Make sure you are sending the phone number in full international format, e.g. +30 xx x xxx xxxx.
- **C404** - Invalid phone number. Make sure you are sending the phone number in full international format, e.g. +30 xx x xxx xxxx.
- **P406** - Invalid compartment/parcel size. Make sure you are sending one of required sizes 1, 2 or 3. Size is required when sending from AnyAPM directly.
- **P407** - Invalid country code. Make sure you are sending country code in ISO 3166-1 alpha-2 format, e.g. GR.
- **P408** - Invalid amountToBeCollected amount. Make sure you are sending amount in the valid range of (0, 5000>
- **P409** - Invalid delivery partner reference. Make sure you are referencing a valid delivery partner ID from Delivery partners endpoint.
- **P410** - Order number conflict. You are trying to create a delivery request for order ID that has already been created. Choose another order id.
- **P411** - You are not eligible to use Cash-on-delivery payment type. Use another payment type or contact our support.
- **P412** - You are not allowed to create customer returns deliveries. Contact support if you believe this is a mistake.

- **P413** - Invalid return location reference. Make sure you are referencing a valid location warehouse ID from Origins endpoint or valid address.
- **P415** - You are not allowed to create delivery to home address. Contact support if you believe this is a mistake.
- **P416** - You are not allowed to use COD payment for delivery to home address. Contact support if you believe this is a mistake.
- **P420** - Parcel not ready for cancel. You can cancel only new, undelivered, or parcels that are not returned or lost. Make sure parcel is in transit and try again.
- **P430** - Parcel not ready for AnyAPM confirmation. Parcel is probably already confirmed or being delivered. Contact support if you believe this is a mistake.
- **P440** - Ambiguous partner. Your account is linked to multiple partners and is unclear on whose behalf you want to perform this action. Send **X-PartnerID** header with ID of the partner you want to manage. You can get list of available Partner IDs from /entrusted-partners endpoint.
- **P441** - Invalid X-PartnerID header. Value you provided for X-PartnerID header is either invalid or references partner you don't have access to. Make sure you are sending ID from /entrusted-partners endpoint.
- **P442** - Invalid limit query parameter. The query limit for this API has been exceeded. Please reduce the size of your query (max allowed is 100).

Description of codes for `403 Forbidden` responses

- **X403** - Account disabled. Your account had been disabled, contact support.
- **P414** - Unauthorized parcel access. You are trying to access information to parcel/s that don't belong to you. Make sure you are requesting information for parcels you have access to.

Description of codes for `503 Service Unavailable` responses

Code Description

P600 Locker bridge communication failed. There has been some error when communicating with the locker bridge. Try again later or contact support.

P610 Geolocation API failed. There has been some error when translating address to gps coordinates. Try again later or contact support.

If you are having troubles integrating our API into your online store based on the current documentation, reach out to us at **ict@boxnow.gr**.

6 Appendix (API Endpoints)

Below you can find all the API endpoints/calls with regards to the complete structure of the BOX NOW Partner API:

6.1 Authentication

TYPE	Endpoint	Description
POST	…/api/v1/auth-sessions	Obtain authentication tokens

Parameters:

N/A

Request body (example):

```
{
  "grant_type": "client_credentials",
  "client_id": "string",
  "client_secret": "string"
}
```

Responses:

Code	Description	Example Value
200	OK	Below 🗗

```
{
  "access_token": "eyJz93a...k4laUWw",
  "token_type": "Bearer",
  "expires_in": 3600
}
```

Code	Description	Example Value
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A

403	Account disabled. Your account had been disabled, contact support.	
		N/A

6.2 Locations

6.2.1 ORIGINS

TYPE	Endpoint	Description
GET	…/api/v1/origins	List available origins to pickup the order from

Parameters:

Name	Type	Description	Example
latlng	*string*	If applied only locations in the specified radiusfrom this gps coord are returned	48.78081955454138, 12.446962472273063
radius	*number*	Radius in meters to return only locations within selected radius from given GPS location. Ignoredif `latlng` is not present.	1000 *Default Value*: 25000
requiredSize	number	Return only locations that can accept a package of your requiredSize	1 *Available values*: *0,* 1, 2, 3
locationType	*Array[string]*	Return only locations with given types. If not present, filter is not applied.	*Available values* : any-apm, warehouse, depot
name	*string*	Return only locations with matching name	*ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ*
regionLanguageTag	String	BCP 47 language tag format	*el-GR*
X-PartnerID	String	Partner ID you want to manage. You can list partners you are allowed to manage from /entrusted-partners endpoint.	*1*

Note: In case of Any APM please disregard the value 0 in requiredSize, as it is necessaryto set a value in that case.

Request body (example):
N/A

Responses:

Code	Description	Example Value
200	OK	Below

```json
{
  "data": [
    {
      "id": "string",
      "type": "apm",
      "image": "https://via.placeholder.com/150",
      "lat": "48.78081955454138",
      "lng": "12.446962472273063",
      "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
      "addressLine2": "string",
      "postalCode": "15121",
      "country": "GR",
      "note": "You can find it behind the pet shop"
    }
  ]
}
```

Code	Description	Example Value
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A

6.2.2 DESTINATIONS

TYPE	Endpoint	Description
GET	…/api/v1/destinations	List available destinations to deliver the order to

Parameters:

Name	Type	Description	Example
latlng	*string*	If applied only locations in the specified radius from this gps coord are returned	48.78081955454138, 12.446962472273063
radius	*number*	Radius in meters to return only locations within selected radius from given GPS location. Ignored if latlng is not present.	1000 *Default Value*: 25000
requiredSize	*number*	Return only locations that can accept a package of your requiredSize	*Available values*: 0 1, 2, 3
locationType	*Array[string]*	Return only locations with given types. If not present, filter is not applied.	*Available values* : any-apm, apm, warehouse, depot
name	*string*	Return only locations with matching name	*ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ*
regionLanguageTag	*String*	BCP 47 language tag format	el-GR
X-PartnerID	String	Partner ID you want to manage. You can list partners you are allowed to manage from /entrusted-partners endpoint.	*1*
limit	number	Limit the number of returned results. If not defined, all results are returned.	

Request body (example):
N/A

Responses:

Code	Description	Example Value
200	OK	Below 🡇

```
{
  "data": [
    {
      "id": "string",
      "type": "apm",
      "image": "https://via.placeholder.com/150",
      "lat": "48.78081955454138",
      "lng": "12.446962472273063",
      "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
      "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
      "addressLine2": "string",
      "postalCode": "15121",
      "country": "GR",
      "note": "You can find it behind the pet shop",
      "expectedDeliveryTime": "2021-06-07T12:33:18.723Z"
    }
  ]
}
```

Code	Description	Example Value
400	The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A

6.3 Delivery Requests

6.3.1 Complex Delivery Request

TYPE	Endpoint	Description
POST	…/api/v1/delivery-requests	Create a delivery request for your order

Parameters:
N/A

Request body (example):

```
{
  "overwriteSenderShippingLabelInfo": {
    "row1": "string",
    "row2": "string",
    "row3": "string",
    "row4": "string"
  },
  "typeOfService": "same-day",
  "description": "string",
  "orderNumber": "string",
  "invoiceValue": "25.50",
  "paymentMode": "prepaid",// "cod"
  "amountToBeCollected": "25.50",
  "allowReturn": true,
  },
  "origin": {
    "contactNumber": "+30 21 4 655 1234",
    "contactEmail": "string",
    "contactName": "Yiannis Papadopoulos",
    "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
    "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
    "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
    "addressLine2": "string",
    "postalCode": "15121",
    "country": "GR",
    "note": "You can find it behind the pet shop",
    "locationId": "string"
  },
  "destination": {
    "contactNumber": "+30 21 4 655 1234",
    "contactEmail": "string",
    "contactName": "Yiannis Papadopoulos",
    "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
    "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
    "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
    "addressLine2": "string",
    "postalCode": "15121",
    "country": "GR",
    "note": "You can find it behind the pet shop",
    "locationId": "string"
  },
  "items": [
    {
      "id": "string",
      "name": "Smartphone",
      "value": "3.45",
      "weight": 0,
      "compartmentSize": 0,
    }
  ]
}
```

Responses:

Code	Description	Example Value
200	OK	Below ⬇

```
{
  "id": "string",
  "parcels": [
    {
      "id": "string"
    }
  ]
}
```

Code	Description	Example Value
400	Bad Request. The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A

6.3.2 CSV Delivery Request

TYPE	Endpoint	Description
POST	…/api/v1/delivery-requests:fromCsv	Create a delivery request from CSV

Parameters:

N/A

Request body (example):

- **type * Required** string

- **file * Required**
  string($binary)

CSV Example (Delivery from a warehouse):

```
from_location,destination_location,customer_phone_number,customer_email,customer
_full_name,number_of_parcels(default 1),payment_mode(cod, prepaid -
default),amount_to_be_collected(default 0.00),price_currency(default EUR)
1,2,+30 21 4 655 1234,someone@example.com,Yiannis Papadopoulos,3,cod,24.00,EUR
```

CSV Example (Delivery from AnyAPM):

```
destination_location,parcel_size,customer_phone_number,customer_email,customer_f
ull_name,number_of_parcels(default 1),payment_mode(cod, prepaid -
default),amount_to_be_collected(default 0.00),price_currency(default EUR)
2,1,+30 21 4 655 1234,someone@example.com,Yiannis Papadopoulos,3,cod,24.00,EUR
```

Request body

Responses:

Code	Description	Example Value
200	OK	Below ⬇

```json
[
  {
    "id": "string",
    "destination": {
      "contactName": "Yiannis Papadopoulos"
    },
    "parcels": [
      {
        "id": "string",
        "labelUrl":
"https://www.w3.org/WAI/ER/tests/xhtml/testfiles/resources/pdf/dummy.pdf"
      }
    ]
  }
]
```

Code	Description	Example Value
400	Bad Request. The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A

6.3.3 Return Delivery Request

TYPE	Endpoint	Description
POST	…/api/v1/delivery-requests:customerReturns	Create a request delivery of parcel that customer would like to return

Parameters:
N/A

Request body (example):

```
{
  "sender": {
    "contactPhoneNumber": "+30 21 4 655 1234",
    "contactEmail": "string",
    "contactName": "Yiannis Papadopoulos"
  },
  "destination": {
    "locationId": "string"
  },
  "parcels": [
    {
      "id": "string",
      "name": "Smartphone",
      "value": "3.45",
      "weight": 0,
      "size": 0
    }
  ]
}
```

Responses:

Code	Description	Example Value
200	OK	Below ⬇

```
{
  "id": "string",
  "orderNumber": "12309284",
  "labels": [
    {
      "type": "pdf",
      "mimetype": "application/pdf",
      "url":
"https://www.w3.org/WAI/ER/tests/xhtml/testfiles/resources/pdf/dummy.pdf"
    }
  ],
  "parcels": [
    {
      "id": "string",
      "labels": [
        {
          "type": "pdf",
          "mimetype": "application/pdf",
          "url":
"https://www.w3.org/WAI/ER/tests/xhtml/testfiles/resources/pdf/dummy.pdf"
        }
      ]
    }
  ]
}
```

Code	Description	Example Value
400	Bad Request. The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A

6.3.4 Address Delivery Request

TYPE	Endpoint	Description
POST	…/api/v1/deliveryrequests:checkAddressDelivery	Check if address for delivery is available

Parameters:
N/A

Request body (example):

```json
{
  "address": "48 Themistokli Dervi Ave, Cyprus",
  "radius": 500,
  "compartmentSize": 0
}
```

Responses:

Code	Description	Example Value
200	OK	Below

```json
{
  "id": "string",
  "type": "apm",
  "image": "https://via.placeholder.com/150",
  "lat": "48.78081955454138",
  "lng": "12.446962472273063",
  "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
  "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
  "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
  "addressLine2": "string",
  "postalCode": "15121",
  "country": "GR",
  "note": "You can find it behind the pet shop",
  "expectedDeliveryTime": "2021-06-07T12:33:18.723Z",
  "distance": 123
}
```

Code	Description	Example Value
400	Bad Request. The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
402	Location error. No location can be found for the request	N/A
503	Service Unavailable	N/A

6.3.5 Update Delivery Request

TYPE	Endpoint	Description
PUT	…/api/v1/delivery-requests:{orderNumber}	Update a created delivery request.

Parameters:

Name	Type	Description	Example
orderNumber*	*string*	Unique order number in Your system. The same you use to create the delivery request.	N/A

Required value

You can only update the "allowReturn" variable.

Request body (example):

```
{
  "allowReturn": true
}
```

Responses:

Code	Description	Example Value
200	OK	Below ⮷

```
{
  "id": "string"
}
```

Code	Description	Example Value
400	Bad Request. The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A

402	Location error. No location can be found for the request	N/A
404	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.	N/A

6.4 Labels

6.4.1 Single Shipping Label

TYPE	Endpoint	Description
GET	… /api/v1/parcels/{id}/label.{type}	Get printable label for parcel.

Parameters:

Name	Type	Description	Example
Id*	*string*	Unique parcel ID. You have received parcel ID after a successful delivery request creation or you can list all parcels, see `/parcels`	Unique 10-digit parcel ID. Example: 1234567890
type*	*string*	The output format of the file you want your shipping label	*Available values*: .pdf, .zpl
dpi	*number*	Only applies to .zpl (Zebra Printing Language). 200 or 300 supported.	*Available values*: 200, 300 *Default value*: 200

Required value

Request body (example):
N/A

Responses:

Cod	Description	Example Value
200	OK	String (below) 🞃

```
string
```

Code	Description	Example Value
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A
404	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.	N/A

6.4.2 Multiple Shipping Labels

TYPE	Endpoint	Description
GET	… /api/v1/deliveryrequests/{orderNumber}/label.{type}	Get shipping labels for all parcels in a delivery request.

Parameters:

Name	Type	Description	Example
orderNumber*	string	Unique order number in Your system. The same you use to create the delivery request.	N/A
type*	string	The output format of the file you want your shipping label	Available values: .pdf, .zpl

dpi	*number*	Only applies to .zpl (Zebra Printing Language). 200 or 300 supported.	*Available values*: 200, 300 *Default value*: 200

***Required value**

Request body (example):
N/A

Responses:

Cod	Description	Example Value
200	OK	String (below) □

`string`

Code	Description	Example Value
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A
404	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.	N/A

6.5 Parcels

6.5.1 Confirm AnyAPM Parcel Delivery

TYPE	Endpoint	Description
POST	…/api/v1/parcels/{id}:confirm-anyapm-delivery	Confirm parcel has been delivered to AnyAPM

Parameters:

Name	Type	Description	Example
id*	string	Unique parcel ID. You have received parcel ID after a successful delivery request creation or you can list all parcels, see /parcels	Unique 10-digit parcel ID. Example: 1234567890

Required value

Request body (example):

N/A

Responses:

Code	Description	Example Value
200	OK	N/A
400	Bad Request. The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A
404	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.	N/A
503	Service Unavailable	N/A

6.5.2 Cancel Parcel

TYPE	Endpoint	Description
POST	…/api/v1/parcels/{id}:cancel	Cancel parcel delivery

Note: Cancelling a cancelled parcel has no effect.

Parameters:

Name	Type	Description	Example
id*	_string_	Unique parcel ID. You have received parcel ID after a successful delivery request creation or you can list all parcels, see `/parcels`	Unique 10-digit parcel ID. Example: 1234567890

*** Required value**

Request body (example):
N/A

Responses:

Code	Description	Example Value
200	OK	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A
403	Account disabled. Your account had been disabled, contact support.	N/A
404	Resource not found. You are authorized but the requested resource does not exist. Make sure the requested URL is correct.	N/A

6.5.3 Parcel Information

TYPE	Endpoint	Description
GET	… /api/v1/parcels	List all parcel info related to your delivery requests

Parameters:

Name	Type	Description	Example
q	*string*	Search in: Order ID, Parcel ID, Customer name, Customer email, Customer phone number	N/A
limit	*number*	Page size	24 *Default Value*: 50
orderNumber	*string*	Order number in your system. Return only parcels related to this order number.	N/A
parcelId	*string*	ID of the parcel in our system. Return only parcel/s with this ID.	N/A
paymentState	*string*	The payment state of a parcel.	*Available values*: pending, paid-by-customer, transferred-to-partner
paymentMode	*string*	The payment method selected for the parcel	*Available values*: prepaid, cod *Default value*: prepaid
state	*array [string]*	The state of the parcel during the whole process.	*Available values:* new, intransit, expired-return, returned, in-final-destination, delivered, wait-for-load, lost, cancelled, missing

pageToken	string	Set this token to return records for given page. You get this for each response.	N/A

Request body (example):
N/A

Responses:

Code	Description	Example Value
200	OK	Below

```json
{
  "pagination": {
    "first": "string",
    "last": "string",
    "next": "string",
    "prev": "string"
  },
  "count": 0,
  "data": [
    {
      "id": "string",
      "state": "new",
      "name": "Smartphone",
      "value": "4.56",
      "weight": "1.6",
      "compartmentSize": 0,
      "originDeliveryRefId": "string",
      "destinationDeliveryRefId": "string",
      "itemRefId":  "string",
      "allowReturn": true,
      "deliveryRequest": {
        "typeOfService": "same-day",
        "description": "string",
        "orderNumber": "string",
        "invoiceValue": "25.50",
        "paymentMode": "prepaid",
        "amountToBeCollected": "25.50",
        "allowReturn": true,
        "notifyOnAccepted": "partner@example.com",
        "notifySMSOnAccepted": "+30 21 4 655 1234",
        "origin": {
          "contactNumber": "+30 21 4 655 1234",
          "contactEmail": "string",
          "contactName": "Yiannis Papadopoulos",
          "deliveryPartnerId": "7983",
          "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
          "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
          "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
          "addressLine2": "string",
          "postalCode": "15121",
          "country": "GR",
          "note": "You can find it behind the pet shop",
          "locationId": "string"
        },
        "destination": {
          "contactNumber": "+30 21 4 655 1234",
          "contactEmail": "string",
          "contactName": "Yiannis Papadopoulos",
          "deliveryPartnerId": "7983",
          "title": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
```

```json
        "name": "ΠΑΝΤΕΛΟΓΛΟΥ ΔΗΜΗΤΡΗΣ",
        "addressLine1": "ΛΕΩΦΟΡΟΣ ΕΙΡΗΝΗΣ 28",
        "addressLine2": "string",
        "postalCode": "15121",
        "country": "GR",
        "note": "You can find it behind the pet shop",
        "locationId": "string"
      },
      "items": [
        {
          "id": "string",
          "name": "Smartphone",
          "value": "3.45",
          "weight": 0,
          "compartmentSize": 0,
          "originDeliveryParcelId": "415-02914-308",
          "destinationDeliveryParcelId": "415-02914-308"
        }
      ]
    },
    "events": [
      {
        "type": "new",
        "locationDisplayName": "Ελληνικά Ταχυδρομεία",
        "postalCode": "104 37",
        "createTime": "2021-06-07T12:33:18.723Z"
      }
    ],
    "parcelLabelUrl":
"https://www.w3.org/WAI/ER/tests/xhtml/testfiles/resources/pdf/dummy.pdf",
    "orderLabelUrl":
"https://www.w3.org/WAI/ER/tests/xhtml/testfiles/resources/pdf/dummy.pdf",
    "cancelationRequested": true,
    "payment": {
      "mode": "prepaid",
      "price": {
        "amount": "string",
        "currency": "string"
      },
      "state": "pending"
    },
    "createTime": "2021-06-07T12:33:18.723Z",
"updateTime": "2021-06-07T12:33:18.723Z"       }
  ]
}
```

Code	Description	Example Value
400	Bad Request. The server cannot or will not process the request due to something that is perceived to be your error (e.g., malformed request syntax, invalid request message). You are to modify the request before sending it again.	N/A
401	Not Authorized. You are either using an expired Access token to access the data or trying to initialize Auth session with invalid data.	N/A

403	Account disabled. Your account had been disabled, contact support.	N/A

<u>*Note</u>: The aforementioned "state" parameter refers to the status of a parcel in a given timeframe. Following are the definitions of each parcel type event (state):

• new - Parcel has been registered in the system

• delivered - Parcel has been delivered

• expired-return - Parcel expired and will be returned to the sender

• returned - Parcel has been returned to the sender

• in-transit - Parcel is being transferred to a specific location.

• in-depot - Parcel is in one of our warehouses

• in-final-destination - Parcel has reached its final destination, waiting for pickup

• cancelled - Parcel order had been canceled by the sender

• wait-for-load - Parcel is waiting in a specific APM to be taken over by BOX NOW courier for either to be returned to the sender or transferred to another APM.

• accepted-for-return - Parcel has been accepted from customer and will be returned to the sender

• missing - BOX NOW pickup courier was unable to obtain the parcel for delivery

6.6   Delivery Partners

TYPE	Endpoint	Description
GET	… /api/v1/ delivery-partners	List of available delivery partners

Parameters:
N/A

Request body (example):
N/A

Responses:

Code	Description	Example Value
200	OK	Below 🔲

```
{
  "data": [
    {
      "id": "string",
"name": "DHL"
    }
  ]
}
```

Code	Description	Example Value
403	Account disabled. Your account had been disabled, contact support.	N/A