API Integration

Partner API (1.27)

The entire BoxNow API documentation can be found on **www.boxnow.gr/api**

5. Troubleshooting (Error Codes)

6. Appendix (API Endpoints)

1. Set up

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

- **Company name, Address, Tax ID & Contact details (for customers)**. Examples: info@boxnow.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 from us 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.

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

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

Status Code 200

```json
{
 "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 point (PUP) locations where BoxNow 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. 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
locationType	string	Return only locations with given a type. If not present, filter is not applied. • Available values: any-apm, warehouse

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": "warehouse",
      "image": "https://via.placeholder.com/175",
      "lat": "48.940819584637266",
      "lng": "12.366962491028423",
      "title": "Warehouse 1",
      "name": "Main Warehouse",
      "addressLine1": "ΛΕΩΦΟΡΟΣ ΚΗΦΙΣΙΑΣ 155",
      "addressLine2": "ΑΘΗΝΑ",
      "postalCode": "14661",
      "country": "GR",
      "note": "Next to Super market" //can be null
    }
  ]
}
```

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: 48.78081955454138,12.446962472 273063
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	string	Return only locations with given a type. If not present, filter is not applied. • Available values: apm, any-apm

See an example of a successful integration:

GET /api/v1/destinations

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

Status Code 200

```
{
  "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"
    }
  ]
}
```

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:

POST /api/v1/delivery-requests

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

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 Parcel Machine (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 BoxNow internal unique ID used further to refer to the parcel.

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

For delivering to APM where customer will pick up from the same APM you can use both origin and destination location any-APM.

Further responses, which might occur:

Error Code	Description
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.
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.

3.5   Modify your delivery request /delivery-requests/{id}

After a delivery request is created, you can modify only the **"allowReturn"** parameter of the request by calling the PUT method.

Only this parameter is available to you:

Name	Type	Description
orderNumber	string	Unique order reference number you have used to create the delivery request.

See an example of a successful integration:

PUT /api/v1/delivery-requests/{id}

```
curl -X 'PUT' \
 '.../delivery-requests/{id}' \
 -H 'accept: application/json' \
 -H 'Content-Type: application/json' \
 -d '{
```

```
 "allowReturn": true
}'
```

Status Code 200

```
{
 "referenceNumber": "string"
}
```

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.

3.6   See all parcels */parcels*

Use this call to list parcel information related to your delivery requests.

These parameters are available to you:

Name	Type	Description
q	string	Search in: Order ID, Parcel ID, Customer name, Customer email, Customer phone number. • Example: q
limit	number	Number of entries per page • Example: 15 • Default value: 50

orderNumber	string	Return only parcels related to this order number.
parcelId	string	ID of the parcel in our system. Return only parcel(s) with this ID.
paymentMode	string	*Available values* : prepaid, cod (cash-on-delivery) • Default value: prepaid
paymentState	string	*Available values* : pending, paid-by-customer, transferred-to-partner Requires "cod" as paymentMode. If not present, filter is not applied
state*	string	*Available values* : new, in-transit, expired-return, returned, in-final-destination, delivered, lost, canceled, missing
pageToken	string	Set this token to return records for given page. You get this for each response.

*Note: 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 BoxNow 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* - BoxNow pickup courier was unable to obtain the parcel for delivery

See an example of a successful integration:

GET /api/v1/parcels

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

Status Code 200

```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": false,
        "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": {
```

```json
          "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"
        },
        "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"
    }
  ]
}
```

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.

3.7   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. Available values : 200, 300* • Default value*: 200*

*Required values

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
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.
404	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**.

Note: The widget map is communicating only with our Production environment. For the Stage (sandbox) environment, please contact us at **ict@boxnow.gr** for further support.

How to install BoxNow Map Widget:

1. Paste the BoxNow Map Widget JavaScript code into the checkout page (or any other page where you want to display the BoxNow Map Widget).

2. Create new HTML button with class attribute boxnow-widget-button to open BoxNow Map Widget. For example:
    ```
    <a href="javascript:;" class="boxnow-widget-button">Open widget</a>
    ```

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

BoxNow Map Widget (Javascript Code):

```
<div id="boxnowmap"></div>

<script type="text/javascript">
var _bn_map_widget_config = {

    partnerId: 123,
    parentElement: "#boxnowmap"

     afterSelect: function(selected){
     alert(selected.boxnowLockerPostalCode);

            alert(selected.boxnowLockerAddressLine1);

     alert(selected.boxnowLockerId);

    }

};

(function(d){var e = d.createElement("script");e.src = "https://widget-
cdn.boxnow.gr/map-widget/client/v1.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="boxnowmap"></div>` and fill `#boxnowmap`. The BoxNow map widget will be 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 `boxnowLockerPostalCode`, `boxnowLockerAddressLine1` and `boxnowLockerId` are the most important).
partnerId	optional	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	Selects a locker immediately after clicking on a locker on the map or in the list (not after clicking on the "select locker" button). Requires `autoclose=false` and `type=iframe`. The possible values are `true` or `false`. The default value is `true`.

`buttonSelector`	optional	You can change the default class name to open the BoxNow Map Widget. Default is `.boxnow-map-widget-button`.
`zip`	optional	If you have set `gps=no`, you can use this parameter to suggest a location on the map. The value can be a ZIP or part of a general address.

** For more integration examples you can refer to: widget-v3.boxnow.gr/developers

4.2 Custom Map Integration

Our widget takes advantage of Google Maps Javascript API:

https://developers.google.com/maps/apis-by-platform

By calling **GET /api/v1/destination**, you can obtain **longitude** as variable **lng** and **latitude** as variable **lat** of each delivery location, that you can then pass to the Google Maps API to display the location on the map:

https://developers.google.com/maps/documentation/javascript/adding-a-google-map

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 all the error codes for *400 Unprocessable entity* responses:

Error Code P400

Invalid request data. Make sure you are sending the request according to the documentation.

Error Code P401

Invalid request origin location reference. Make sure you are referencing a valid location ID from Origins endpoint or valid address.

Error Code P402

Invalid request destination location reference. Make sure you are referencing a valid location ID from Destinations endpoint or valid address.

Error Code P403

You are not allowed to use AnyAPM-SameAPM delivery. Contact support if you believe this is a mistake.

Error Code P404

Invalid import CSV. See error contents for additional info.

Error Code P405

Invalid phone number. Make sure you are sending the phone number in full international format, e.g. +30 xx x xxx xxxx.

Error Code P406

Invalid compartment/parcel size. Make sure you are sending one of required sizes 1, 2 or 3 (Small, Medium or Large). Size is required when sending from AnyAPM directly.

Error Code P407

Invalid country code. Make sure you are sending country code in ISO 3166-1 alpha-2 format, e.g. GR.

Error Code P410

Order number conflict. You are trying to create a delivery request for order ID that has already been created. Choose another order ID.

Error Code P411

You are not eligible to use Cash-on-delivery payment type. Use another payment type or contact our support.

Error Code 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.

Error Code P430

Parcel not ready for AnyAPM confirmation. Parcel is probably already confirmed or being delivered. Contact support if you believe this is a mistake.

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 BoxNow 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 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`	1 *Available values*: 1, 2, 3
locationType	*array*	Return only locations with given types. If not present, filter is not applied.	*Available values* : any-apm, warehouse
name	*string*	Return only locations with matching name	N/A

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"
     }
   ]
}
```

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`	1 *Available values*: 1, 2, 3
locationType	*array*	Return only locations with given types. If not present, filter is not applied.	*Available values* : any-apm, apm
name	*string*	Return only locations with matching name	N/A

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):

```json
{
  "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",
    "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"
```

```
    }
  ]
}
}
```

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 Simple Delivery Request

TYPE	Endpoint	Description
POST	…/api/v1/simple-delivery-requests	Create delivery request order with minimum amount of data

Parameters:

N/A

Request body (example):

```
{
  "origin": {
    "code": "123"
  },
  "destination": {
```

```
    "contactPhoneNumber": "+30 21 4 655 1234",
    "contactEmail": "string",
    "contactName": "Yiannis Papadopoulos",
    "id": "123"
  },
  "paymentMode": "prepaid",
  "amountToBeCollected": "25.50",
  "allowReturn": true,
  "parcelSize": 1,
  "parcels": [
    {
      "id": "string",
      "name": "Smartphone",
      "value": "3.45",
      "weight": 0,
      "size": 0,
      "originDeliveryParcelId": "415-02914-308",
      "destinationDeliveryParcelId": "415-02914-308"
    }
  ]
}
```

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
503	Service Unavailable	N/A

6.3.3 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
```

Responses:

Code	Description	Example Value
200	OK	Below ↓

```
[
  {
    "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

6.3.4 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

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

6.3.5 Address Delivery Request

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

Parameters:

N/A

Request body (example):

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

Responses:

Code	Description	Example Value
200	OK	Below ↓

```
{
  "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	N/A

	message). You are to modify the request before sending it again.	
402	Location error. No location can be found for the request	N/A
503	Service Unavailable	N/A

6.3.6 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:

Code	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/delivery-requests/{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:

Code	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, in-transit, 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 ↓

```
{
  "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",
```

```
        "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

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

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