Smartpost Open API

Version	Description of Change	Author	Date
0.1	Draft	Priit Joa	28-12-2022
1.0	First version	Priit Joa	08-02-2023
1.1	Get Places returns for FI the place ID for sync.	Priit Joa	13-03-2023
1.2	Place response contains fields group_id, group_name, group_sort, created_date, updated_date	Priit Joa	30-03-2023

Endpoints

Environment	Endpoint
Production	http://my.smartpost.ee/

Authentication

Not needed

API Requests

1 Places

GET /api/ext/v1/places?
Parameters: country={country}&type={type}&filter={filter}
Headers: Content-Type: application/json / application/xml

Input parameters

Parameter name	Description	Possible value	Required
country	Country Code	EE, FI, LV, LT	Yes
type	Destination Type: APT - Blue Box IPB - White Box PO - Post office Pudo - Parcel point If no type given, all those types are returned	apt, ipb, po, pudo	
filter	Additional filtering: Express = parcel terminals in Estonia with Express delivery option	express	

Response

Field name	Description	Data type
item/place_id	Parcel terminal ID for EE, LV, LT. For FI - shows place unique ID for sync	String
item/name	Destination name	String
item/city	Destination city	String
item/address	Destination address	String
item/country	Destination country code	String
item/postalcode	Destination postal code (zip code)	String
item/routingcode	Destination routing code	String
item/availability	Time frame when location is open	String

item/description	A short description of the location	String
item/type	Place type	String
item/lat	Latitude	Number
item/lng	Longitude	Number
item/group_id	Region ID	Number
item/group_name	Region Name	String
item/group_sort	Region Sorting	Number
item/created_date	Place created DateTime	Date Time
item/updated_date	Place updated DateTime	Date Time

Response example

```json
{
  "places": {
    "item": [
      {
        "place_id": "01007220",
        "name": "Tallinna Lasnamäe Maksimarket",
        "city": "Tallinn",
        "address": "J.Smuuli tee 43",
        "country": "EE",
        "postalcode": "11415",-
        "routingcode": "3203",
        "availability": "E-P 8:00-22:00",
        "description": "vasakpoolse sissepääsu juures",
        "type": "apt",
        "lat": "59.4280",
        "lng": "24.8385"
        "group_id": 1,
        "group_name": "Harjumaa",
        "group_sort": 998,
        "created_date": "2019-09-06 13:49:04",
        "updated_date": "2023-03-30 08:15:23"
      }
    ]
  }
}
```

2 Courier visit times

GET /api/ext/v1/courier-visit-times?
Parameters: place_id={place_id}
Headers: Content-Type: application/json / application/xml

Input parameters

Parameter name	Description	Possible value	Required
place_id	Parcel terminal ID		
type	Filter parcel terminals in Estonia with Express delivery option	express	

Response

Field name	Description	Data type
item/place_id	Parcel terminal ID	String
item/day	Day number (1 = Monday)	Number
item/in	Time 24h format	Time
item/out	Time 24h format	Time
item/express_in	Time 24h format	Time
item/express_out	Time 24h format	Time

Response example

```
{
  "visit_times": {
    "item": [
      {
        "place_id": "01007174",
        "day": 1,
        "in": "12:00",
```

```
        "out": "18:00",
        "express_in": "",
        "express_out": ""
      }
    ]
  }
}
```

Error Codes

001 = required input missing,
005 = not numeric,
006 = unknown destination (place_id),
031 = Barcode not valid,
041 = Invalid input given,