



LIVESOFT API STOCK AND TRANSPORT

VERSION 1.1.12

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Changes

Date	Change
06.07.2017	Added track_parcel method

Test and production environment

Our API currently has 2 environments: test and production:

Environment	Address
Test	http://test.livesoft.ee/
Production	http://e3.livesoft.ee/

Both environments have the same access.

Access

Each API user has a unique hash which is used to identify them on the server side. The hash is given out only by LiveSoft's IT department.

The hash has to be used with each API request in the request URL.

Example:

http://test.livesoft.ee/api/index.php?method=my_unique_hash



Create new purchase

Key name	Type	Mandatory	Description
ext_id	Int	Yes	Your system ID
date_of_creation	String	Yes	YYYY-MM-DD
items	Array	Yes	Array of items to import

<Items> key name	Type	Mandatory	Description
sku_id	String	Yes	The name of the article in LiveSoft system
quantity	Int	Yes	Quantity of article to import.

Request JSON:

http://test.livesoft.ee/api/index.php?purchase=my_unique_hash

Create new purchase request	 Purchase
Create new purchase success response	 Purchase success

Create new purchase error response	 Purchase error
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Check purchase stock status

Request JSON:

http://test.livesoft.ee/api/index.php?stock=my_unique_hash

Check import status request:	 Check status




Create New Order

An order consists of delivery address, delivery recipient, order price and items to be sent.

Request JSON:

Key name	Type	Mandatory	Description
ext_id	Int	Yes	Your order system ID.
date_of_creation	String	No	YYYY-MM-DD.
first_name	String	Yes	Receiver's first name
last_name	String	Yes	Receiver's last name
zip_code	String	Yes	Delivery zip codes
delivery_country	String	Yes	Delivery country
delivery_city	String	Yes	2 letter delivery country code
delivery_region	String	No	Delivery region
delivery_area	String	No	Delivery area
delivery_street	String	Yes	Delivery street
delivery_house	String	No	Delivery house number
delivery_flat	String	No	Delivery flat number
delivery_phone	String	No	Receiver phone number
doc_invoice	String	No	Custom document HTML
doc_return_form	String	No	Custom document HTML
delivery_price	Decimal	No	Proce for delivery
total_price	Decimal	Yes	End price.
currency	String	No	Delivery country currency
items	Array	Yes	Array <items>

Array <Items> properties	Type	Mandatory	Description
sku_id	String	Yes	The article that exists in our system
quantity	Int	Yes	The quantity of the article

Create new order request:	 Orders
Success response:	 Orders success response
Error response:	 Orders error response



Send JSON request as raw input to this address:

http://test.livesoft.ee/api/index.php?orders=my_unique_hash

Check Order Status

This method tracks an order status via DPD.

Key name	Type	Mandatory	Description
Ids	Array	Yes	An array of our IDs

Status request:	 Status
Status success response:	 Status success response
Status error response:	Empty array in JSON format

Key name	Type	Description
id	Int	LiveSoft System ID
ext_id	Int	Your System ID
status	String	Current order status
delivery_history	Array	Carrier Delivery history. If available

tracking_number	String	Carrier parcel tracking number, if available
zip_code	String	Original delivery zip code
delivery_country	String	Original delivery country code
delivery_city	String	Original delivery city
delivery_street	String	Original delivery street
first_name	String	Original first name
last_name	String	Original last name
date_of_delivery	String	Original date of delivery
company_name	String	Original delivery company name
order_nr	String	Original order_nr
total_price	Float	Original delivery price

Send JSON request as raw input to this address:

http://test.livesoft.ee/api/index.php?status=my_unique_hash

Delivery History is only supplied if you are using DPD's E-Shop services. In all other cases, delivery history will be an empty array.

```
"delivery_history": [
  {
    "2017-04-27 13:04:14": "DELIVERED"
  },
  {
    "2017-04-27 07:57:39": "OUT FOR DELIVERY"
  },
  {
    "2017-04-27 06:56:17": "INBOUND SCAN"
  },
  {
    "2017-04-26 19:45:37": "PICK-UP SCAN"
  }
]
```

Instead of you having to parse the **delivery history** array and attempt to find the current status for yourself, we offer a convenient way of skipping that process by directly giving you the end status of the current order.

Here is the list of all possible statuses:

List of parcel Statuses	Description
STR	Parcel is in storehouse (default)
WAY	Parcel was picked up by a carier service.
POD	Parcel is near delivery
PAY	Parcel is delivered.
RET	Parcel was returned. (This is a bad thing)

Please note, we generate the status value is based on delivery history above. The status may not match parcel's real status accurately. This is because DPD E-Shop does not provide any way of fetching the status reliably. However, in most cases it is good enough.

PDF document attachment

You can attach a PDF document to your order.

http://test.livesoft.ee/api/index.php?receive_pdf=my_unique_hash

receive_pdf	Type	Mandatory	Description
Id	Int	Yes	Our System ID
PDF	String	Yes	Base64 encoded string

Attach PDF request:	 Attach PDF
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Check amount if items in stock

in_stock	Type	Description
Items	Array	Array containing strings of article names

Check request:	 Check Stock
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Track parcel

This method tracks an order status via UPS.

Send JSON request as raw input to this address:

http://test.livesoft.ee/api/index.php?track_parcel=my_unique_hash




Request:

Key name	Type	Mandatory	Description
Ids	Array	Yes	An array of our IDs

Response:

Key name	Type	Description
id	Int	LiveSoft System ID
ext_id	Int	Your System ID
status	String	Current order status
total_price	Float	Order original price
parcel_status	Array	Parcel status container
parcel_status/status	String	Request status 'success' or 'error'.
parcel_status/parcelStatus	String	Parcel Status from UPS
parcel_status/statusDescription	String	UPS status description
parcel_status/code	String	UPS status code
delivery_address	Array	Delivery address container
delivery_address/zip_code	String	Original delivery zip code
delivery_address/delivery_country	String	Original delivery country code
delivery_address/delivery_city	String	Original delivery city
delivery_address/delivery_street	String	Original delivery street
receiver_information	Array	Receiver information container
receiver_information/first_name	String	Original first name
receiver_information/last_name	String	Original last name
receiver_information/company_name	String	Original delivery company name

Summary:

Track request:	 Track request
Track success response:	 Track success response
Track error response:	 Track error response

Status types:

Parcel Status	Status Description	Code
In Transit	Unknown*	Unknown*
Delivered	Unknown*	Unknown*
Exception	Unknown*	Unknown*
Pickup	Unknown*	Unknown*
Manifest Pickup	Order Processed: Ready for UPS	MP

*Unknown: These values are unavailable in this version of the documentation.