

INSTRUCTION FOR TECHNICAL INTEGRATION WITH THE LOVAT SYSTEM

TERMS AND ABBREVIATIONS

API - application Programming Interface. A set of calls provided by the system calls for integration with external software products.

MERCHANT - the owner of an online store.

CUSTOMER - an individual who pays for goods or services.

TRANSACTION - transfer of funds for goods or services received by the customer from the merchant.

TOKEN - a secret string used by the system to identify the merchant and the web-site through which the transaction is registered.

API DESCRIPTION

Send method

Description of the method

The SEND method implements the reception of data on the transaction, taking into account the processing and calculation of VAT and system charges.

REFERRER URL

The method is available at the following URL:

- <https://merchant.lovat.be/api/1/send/{TOKEN}>

CALL OPTIONS

Call parameters are divided into two types:

- Path parameters (token)
- Query parameters (transaction data)

The token is generated in the internal account of the merchant at the first stage of adding the web-site.

The request parameters are generated by the merchant and sent to the server using the POST method in the application / x-www-form-urlencoded or application / json format.

| Parameter | Type / Example | Example Description | Validation |
|------------------------|--|---|--|
| transactionID | String/ 555-yyy | Transaction ID | Maximum 255 characters. Not an empty value |
| transactionDateTime | DateTime / 2017-01-09T08:27:22 +00:00 | Date and time of the transaction in accordance with ISO 8601 GMT | Not an empty value |
| transactionSum | String / 25 | Transaction Amount | Maximum 45 characters. Not an empty value |
| currency | String / "usd", "euro", "rub", "gbp" | Transaction Currency | Maximum 4 characters. Not an empty value |
| paymentOperator | String / "payonline" paypal" | Payment Operator | Maximum 45 characters. Not an empty value |
| transactionStatus | String / "Success", "Charge back" | Transaction Status | Not an empty value |
| IPAddressCustomer | String / 127.0.0.1 | Customer's IP address | Maximum 45 characters. Not an empty value |
| phoneNumberCustomer | String / "+7 AAA BBB BB BB" | Customer's phone number | Maximum 100 characters. Not an empty value |
| billingAddress | String / "111 First Street,Saratoga, CA 95070, US" | Billing address (address of the payment owner) | Maximum 255 characters. Not an empty value |
| deliveryAddress | String / "111 First Street,Saratoga, CA 95070, US" | Delivery address | Maximum 255 characters. Not an empty value |
| bankAdress | String / "111 First Street,Saratoga, CA 95070, US" | The address of the Customer's bank (merchant requests this information from the payment system) | Maximum 255 characters. Not an empty value |
| serviceCode | String / "1" | Merchant service type code If the merchant does not send data on the type of service provided, the transaction is assigned the nominal principal type of merchant's service that was specified at registration | Maximum 255 characters. Not an empty value |
| BankCardNumberCustomer | String / "1234-1234-1234-1234" | Bank card number of the buyer | Maximum 19 characters. Not an empty value |
| WalletnumberCustomer | String / "Z291143207289" | Customer's e-wallet number | Maximum 255 characters. Not an empty value |

SERVER RESPONSE CODE

The response to the query uses the basic HTTP code:

| Code | Explanation | Response content |
|------------------|---------------------|---------------------------------|
| 200 OK | Request Processed | |
| 400 BadRequest | Invalid request | { error : "Problem with data" } |
| 401 Unauthorized | Unauthorized access | { error : "Token is invalid." } |

Example query

Sample request from the console

```
curl -v POST https://merchant.lovat.be/api/1/send/5aae918d97964ff88df64b059c2cc0f8 \
--header "Content-Type: application/json" \
-d '{
  "transactionID": "500000001",
  "transactionSum": "25.99",
  "IPAddressCustomer": "127.0.0.1",
  "phoneNumberCustomer": "+7 677 665 77 77",
  "transactionDateTime": "2017-01-09T08:27:22 +00:00",
  "currency": "usd",
  "paymentOperator": "paypal",
  "billingAddress": "111 First Street,Saratoga, CA 95070, US",
  "deliveryAddress": "111 First Street,Saratoga, CA 95070, US",
  "bankAdress": "111 First Street,Saratoga, CA 95070, US",
  "transactionStatus": "Success",
  "serviceCode": "1",
  "bankCardNumberCustomer": "1234-1234-1234-1234",
}'
```