



limtz - UAT ▼

Double Column ▼

cURL - cURL



Limtz - Platform

The LIMTZ API allows you to programmatically access and control your LIMTZ card programme essentials.

The best way to get play with the API is to use the "Run in Postman" button at the top of the documentation page and use the Postman App to send test requests.

Overview

The LIMTZ system operates on a hierarchy, with a number of top-level entities which can be created here.

Each API connection represents a single company and from that login you can create one or more conceptual LIMTZ "customer" instances, and then under these you can create one or more LIMTZ "account" instances (a logical entity, not actually related to a real bank account).

Multiple "accounts" are possible and each created "card" will be linked to a created account. There are numerous other operations for loading funds, and retrieving balances, transactions etc.

General Response Format

All **response** format (except 401 etc..) has the 3 parameters :

| field | description |
|---------|---------------------------------|
| success | bool |
| title | title (is have) |
| message | message (is have) |
| data | the data Object/Array (is have) |

Account status

| status | description |
|--------|--|
| 0 | inactive |
| 1 | live an account will be active after the account create call |
| 10 | live and under "alert watch" |
| 30 | awaiting closure |
| 40 | closed for transactions but is still reported |
| 50 | closed, not being reported, but still on the system |
| 60 | closed, and earmarked for removal |
| 99 | suspended |

Error handling/Codes

In this section the **LimtZ-API** web services request **ERROR IDs** are described. Starting from the successful "error_id": 0, the full list of request failures is given as a following;

| Error Id | Error Description |
|----------|---|
| 900 | undefined error. Report to developer |
| 901 | key encryption key(KEK) file hash not found. |
| 902 | master encryption key(KEK) file hash not found. |
| 903 | key encryption key(KEK) incomplete. |
| 904 | master encryption key(KEK) incomplete. |
| 905 | key encryption key(KEK) file hash mismatch. |
| 906 | master encryption key(KEK) file hash mismatch. |
| 907 | t2_mask not found. |
| 908 | imksmi key not found. |
| 909 | imk_smc key not found. |
| 910 | imk_ac key not found. |
| 911 | c1c2c3ic key not found. |
| 912 | Invalid key id for ecno |
| 913 | Invalid key id for clinet processing key |

[View More](#)

Connecting

POST company - login

https://uat-api.limtZ.com/api/business/login

- This LIMTZ API call allows login to the system.

Request Data Parameter

| Field Name | Field Format | Required | Sample Value |
|------------|--------------|----------|--------------------------------------|
| email | string | M | test@test.com (mailto:test@test.com) |
| password | string | M | *** |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------------|----------------------|------------------|------------------|
| data | object | | |
| business_unit_id | bigint (^[0-9]{6,9}) | 1556457610367722 | business unit id |
| token | string (255) | | jwt |

HEADERS

Content-Type

application/json

BODY raw

```
{
  "email": "business1@business.com",
  "password": "1q2w3e$R"
}
```

Example Request

```
success
```

```
curl --location --request POST 'https://uat-api.limtZ.com/api/business/login' \  
--header 'Content-Type: application/json' \  
--data-raw '{  
  "email": "business1@business.com",  
  "password": "1q2w3e$R"  
}'
```

Example Response

```
200 – OK
```

```
{  
  "data": {  
    "business_unit_id": 1556451398445680,  
    "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wveW9zc2VmcWMW"  
  },  
  "success": true,  
  "title": "",  
  "message": ""  
}
```

GET connectivity - ping

```
https://uat-api.limtZ.com/api/transactions/ping
```

- This LIMTZ API call checks webservice connectivity and if the functionality is available.

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|-------------------------------|----------------------|
| data | Object | | service status |
| message | string | Web Service fully operational | ping success message |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYWVhbnR5IjozZ3ZNYkxkdzkcU2VlInN1YiI6MiwicHJ2IjojODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

```
success
```

```
curl --location --request GET 'https://uat-api.limtZ.com/api/transactions/ping' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYWVhbnR5IjozZ3ZNYkxkdzkcU2VlInN1YiI6MiwicHJ2IjojODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro' \
--data-raw ''
```

Example Response

```
200 – OK
```

```
{
  "data": {
    "message": "Web Service fully operational"
  },
  "success": true,
  "title": "",
  "message": ""
}
```

GET configuration - get details

https://uat-api.limtz.com/api/configuration/1557430195039989/detail

- This LIMTZ API call retrieves all of your tailored configuration.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|--------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 374673 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|-------------------------|--------------|---------------------------|
| data | array | | |
| state | enum(ACTIVE, PENDING) | ACTIVE | customer state |
| product | array | | Account products |
| carrier_ref | array | | Account carrier reference |
| envelope_ref | array | | Account envelope ref |

product Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|-----------------------------|---|---|
| data | array | | |
| name | string (30) | "LTZ Virtual Corporate Standard EUR | Product Name |
| crd_prdct_id | integer (^[0-9]{1,5}) | 104 | card product id |
| card_type | integer (1) | 1 | Card Type (1=physical, 2=virtual) |
| config_ccy | decimal ((\d+)((\.\d{1,4})) | 978 | currency (ISO-4217 currency code (GBP=826, EUR=978, USD=840) |

carrier_ref Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|--|----------------------|
| data | array | | |
| name | string (50) | Carrier details for LIMTZ Corporate Premium | Carrier reference |

envelope_ref Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|---|-----------------------|
| data | array | | |
| name | string (50) | Envelope details for LIMTZ Corporate Premium | Envelope reference |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iOiI6MTU2ODcyMzk2NiwiYWVhbnQiOiJRVZjZ3ZnYkxkdzZlcU2ViIsInN1YiI6MiwiY29udG8iOiJ0dDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwN

Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY formdata

Example Request

success - active ▾

```
curl --location --request GET 'https://uat-api.limtZ.com/api/configuration' \  
--header 'Content-Type: application/json' \  
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwc  
--data-raw ''
```

Example Response

200 – OK

```
{  
  "data": {  
    "state": "ACTIVE",  
    "product": [  
      {  
        "name": "LTZ Virtual ConsumerStandard GBP",  
        "crd_prd_id": "92",  
        "card_type": "2",  
        "config_ccy": "826"  
      }  
    ]  
  }  
}
```

[View More](#)

Card

POST card - create virtual

```
https://uat-api.limtZ.com/api/card/1557430195039989/virtual
```

- This LIMTZ API call creates virtual cards

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|--------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 374673 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|----------------------|-----------------------|----------|--------------|--|
| Basic Details | | | | |
| image_delivery | integer (^[1-6]{1,1}) | M | 1 | client image delivery mechanism, see: Image delivery |
| xml_fields | integer (^[0-1]{1,5}) | M | 00111 | show/hide pan,cvv,expiry,token,emboss_name in JSON response. 1 for show and 0 for hide, index 0=PAN, 1=CVV, 2=expiry, 3=token, 4=emboss_name. i.e. 10111; Hide PAN but show CVV, expiry token, emboss_name |
| image_fields | integer (^[0-1]{1,5}) | M | 00111 | show/hide pan,cvv,expiry,token,emboss_name in JSON response. 1 for show and 0 for hide, index 0=PAN, 1=CVV, 2=expiry, 3=token, 4=emboss_name. i.e. 10111; Hide PAN but show CVV, expiry token, |

[View More](#)

| Field Name | Field Format | Required | Sample Value | Description |
|----------------------------|--------------------|--------------------------|--------------|-------------|
| Card Holder Details | | | | |
| ch_title | string (max 10) | <input type="checkbox"/> | Mr | title |
| ch_fname | string (max 30) | <input type="checkbox"/> | John | first name |
| ch_sname | string (max 30) | <input type="checkbox"/> | Doe | last name |
| ch_addr1 | string (max 50) | <input type="checkbox"/> | Raynes Park | address 1 |
| ch_addr2 | string (max 50) | <input type="checkbox"/> | UK | address 2 |
| View More | | | | |
| ch_pcode | string | <input type="checkbox"/> | SW20 8BH | post code |

| Field Name | Field Format | Required | Sample Value | Description |
|----------------------------|---|--------------------------|--------------|--|
| Sub Clients Details | These are used for creating card for sub clients/customers under a generic client. The sub clients/customers do not have product or bin for themselves but will inherit from parent client. after card is created for them. | | | |
| sub_client_id | string (max 16) | <input type="checkbox"/> | | They are the sub clients or customers that the Clients will manage. They will not have product id or bin set for them but while creating card , they will inherit from parent clients. |
| View More | | | | |
| batch_id | string (max 16) | <input type="checkbox"/> | | Special id to |

Image delivery

- 1: Image in plain base64, encrypted pan, cvv, token, expiry, emboss_name
- 2: Image in byte encrypted, encrypted pan, cvv, token, expiry, emboss_name
- 3: Data details JSON (encrypted pan, cvv, token, expiry, emboss_name but no image)
- 4: Image in byte encrypted , masked pan back, cvv, token, expiry, emboss_name

Status network

- 1000 : Fully Operational DE39=00
- 1001 : Refer to Issuer DE39= 01
- 1004 : Capture Card DE39=04
- 1005 : Decline All Txns DE39=05
- 1008 : Honour with ID DE39=08
- 1041 : Lost Card - Capture DE39= 41
- 1043 : Stolen Card - Capture DE39=43
- 1054 : Expired card - Report DE39=54
- 1199 : Void card - Report DE39=05

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|-----------------------|---|---|
| data | object | | |
| ac_id | bigint (^[0-9]{6,9}) | 460446289 | account id in response |
| expiry | string (max 5) | 02/25 | expiry in MM/YY format |
| emboss_name | string (max 50) | caen Suffield | name on card |
| token | integer (^[0-9]{6,9}) | 5839548949 | token for card created |
| epan | string (max 64) | *** | encrypted pan number |
| cvv | string (max 3) | *** | card security code |
| image_base64 | string (max) | | image data in base64 form (png format) |
| mpan | string | 5445***4344354 View More | masked pan. returned only when image_delivery = 4 |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZil6MTUzODcyMzk2NiwiianRpIjoiRVZjZ3ZNYk5ldzZkdU2ViIj0iODdlMGFmMmVwOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkj0xNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "image_delivery": 3,
  "xml_fields": "00111",
  "image_fields": "00111",
  "crd_prdct_id": 92,
  "status_nwk": 1000,
  "image_name": "paymentology",
  "client_card_ref": "client_choice",
  "product_ref": "",
  "emboss_name": "John Doe",
}
```

[View More](#)

Example Request

success ▼

```
curl --location --request POST 'https://uat-api.limtz.com/api/card/1555490202625551/vi
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwci
--data-raw '{
  "image_delivery": 4,
  "xml_fields": "00111",
  "image_fields": "00111",
  "crd_prdct_id": 91,
  "status_nwk": 1000,
  "image_name": "Limtz"
}
```

[View More](#)

Example Response

200 – OK

```
{
  "data": {
    "token": 358965606,
    "expiry": "02/25",
    "emboss_name": "John Doe",
    "epan": "85034583049576767666",
    "cvv": "245",
    "image_base64": "",
    "mpan": ""
  }
}
```

[View More](#)

POST card - create physical

```
https://uat-api.limtz.com/api/card/1557430195039989/physical
```

- This LIMTZ API call creates physical cards

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|--------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 575763 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|----------------------|--------------------------|----------------------------|--------------|--|
| Basic Details | | | | |
| image_delivery | integer (^[1-6]{1,1}) | <input type="checkbox"/> M | 1 | client image delivery mechanism, see: Image delivery |
| xml_fields | integer (^[0-1]{1,5}) | <input type="checkbox"/> M | 00111 | show/hide pan,cvv,expiry,token,emboss_name in JSON response. 1 for show and 0 for hide, index 0=PAN, 1=CVV, 2=expiry, 3=token, 4=emboss_name. i.e. 10111; Hide PAN but show CVV, expiry token, emboss_name |
| image_fields | integer (^[0-1]{1,5}) | <input type="checkbox"/> M | 00111 | show/hide pan,cvv,expiry,token,emboss_name in JSON response. 1 for show and 0 for hide, index 0=PAN, 1=CVV, 2=expiry, 3=token, 4=emboss_name. i.e. 10111; Hide PAN but show CVV, expiry token, |
| View More | | | | |

| Field Name | Field Format | Required | Sample Value | Description |
|----------------------------|--------------------|--------------------------|--------------|-------------|
| Card Holder Details | | | | |
| ch_title | string (max 10) | <input type="checkbox"/> | Mr | title |
| ch_fname | string (max 30) | <input type="checkbox"/> | John | first name |
| ch_sname | string (max 30) | <input type="checkbox"/> | Doe | last name |
| ch_addr1 | string (max 50) | <input type="checkbox"/> | Raynes Park | address 1 |
| ch_addr2 | string (max 50) | <input type="checkbox"/> | UK | address 2 |
| View More | | | | |
| ch_pcode | string | <input type="checkbox"/> | SW20 8BH | post code |

| Field Name | Field Format | Required | Sample Value | Description |
|-------------------------|--------------------|---|--------------|-------------------------|
| Delivery Details | | | | |
| del_title | string (max 10) | <input type="checkbox"/> | Mr | delivery title |
| del_sname | string (max 30) | <input type="checkbox"/> | Caen | delivery first name |
| del_sname | string (max 30) | <input type="checkbox"/> | Suffield | delivery last name |
| del_addr1 | string (max 50) | <input type="checkbox"/> | | delivery address line 1 |
| del_addr2 | string (max 50) | <input type="checkbox"/> | | delivery address line 2 |
| del_pcode | string (max 20) | <input type="checkbox"/> | | delivery post code |
| del_city | string (max 50) | <input type="checkbox"/> | | delivery city |
| del_country | string (max 50) | <input type="checkbox"/> View More | | delivery country |

| Field Name | Field Format | Required | Sample Value | Description |
|-----------------------------------|-----------------------|--|--------------|---|
| Manufacturer Extra Details | | | | |
| card_manuf_id | smallint(^[0-9]{1,5}) | <input type="checkbox"/> | 1 | manufacturer id (If not passed then will take default id from manufacturer table) |
| client_card_ref | string | <input type="checkbox"/> | | client reference relating to order (always use in correspondence). |
| product_ref | string | <input type="checkbox"/> | axz | product reference, i.e. physical card design name used by the card bureau |
| carrier_type | smallint(^[1-3]{1,1}) | <input type="checkbox"/> | 1 | carrier type (card packaging type choice - for shipment to customer). |
| carrier_lang | string (max 3) | <input type="checkbox"/> | ENG | packaging language |
| carrier_insrt1 | smallint(^[0-9]{1,5}) | <input type="checkbox"/> View More | 1 | insert 1 to be included with Carrier in Envelope |

| Field Name | Field Format | Required | Sample Value | Description |
|--------------------------|-----------------|--------------------------|--------------|----------------------|
| Purchaser Details | | | | |
| pur_title | string (max 10) | <input type="checkbox"/> | Mr | purchaser title |
| pur_fname | string (max 30) | <input type="checkbox"/> | Caen | purchaser first name |
| pur_sname | string (max 30) | <input type="checkbox"/> | Suffield | purchaser last name |
| pur_addr1 | string (max 50) | <input type="checkbox"/> | Picadilly1 | purchaser address 1 |
| pur_addr2 | string (max 50) | <input type="checkbox"/> | Picadilly2 | purchaser address 2 |
| View More | | | | |
| pur_pcode | string | <input type="checkbox"/> | sw20 8BH | purchaser postal |

Image delivery

- 1: Image in plain base64, encrypted pan, cvv, token, expiry, emboss_name
- 2: Image in byte encrypted, encrypted pan, cvv, token, expiry, emboss_name
- 3: Data details JSON (encrypted pan, cvv, token, expiry, emboss_name but no image)
- 4: Image in byte encrypted , masked pan back, cvv, token, expiry, emboss_name

Status network

- 1000 : Fully Operational DE39=00
- 1001 : Refer to Issuer DE39= 01
- 1004 : Capture Card DE39=04
- 1005 : Decline All Txns DE39=05
- 1008 : Honour with ID DE39=08
- 1041 : Lost Card - Capture DE39= 41
- 1043 : Stolen Card - Capture DE39=43
- 1054 : Expired card - Report DE39=54
- 1199 : Void card - Report DE39=05

Pur cust type

- 0: card assigned to cardholder details.
- 1: card assigned to purchaser details.

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|-----------------------|--|--|
| data | object | | |
| ac_id | bigint (^[0-9]{6,9}) | 460446289 | account id |
| expiry | string (max 5) | 02/25 | expiry in MM/YY format |
| emboss_name | string (max 50) | Caen Suffield | nName on card |
| token | integer (^[0-9]{6,9}) | 5839548949 | token for card created |
| epan | string (max 64) | *** | ncrypted PAN |
| cvv | string (max 3) | *** | cCard security code |
| image_base64 | string (max) | | image data in base64 form (png format) |
| mpan | string | 5445*** 4344 354 View More | masked pan. Returned when image_delivery = 4 |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiawWF0joxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZlZ3ZNYk5ldzZkZU2VilslN1YiI6MiwicHJ2IjoiodDdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsbnVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "card_type": 1,
  "image_delivery": 3,
  "xml_fields": "00111",
  "image_fields": "00111",
  "crd_prdct_id": 100,
  "status_nwk": 1000,
  "image_name": "LimtZ",
  "client_card_ref": "client_choice" View More
  "product_ref": "",
```

Example Request

success

```
curl --location --request POST 'https://uat-api.limtZ.com/api/card/1555490527072470/ph
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRw
--data-raw '{
  "card_type": 1,
  "image_delivery": 1,
  "xml_fields": "00111",
  "image_fields": "00111",
  "crd_prdct_id": 91,
  "status_nwk": 1000
```

View More

Example Response

—

```
{
  "data": {
    "token": 358965606,
    "expiry": "02/25",
    "emboss_name": "John Dohn",
    "epan": "85034583049576767666",
    "cvv": "245",
    "image_base64": "",
    "mpan": "5445*****434**4354" View More
  }
}
```

GET card - get list

```
https://uat-api.limtZ.com/api/card/1557430195039989/list
```

- This LIMTZ API call retrieves all cards associated with a customer.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|--------------|---------------------------------|
| data | object | | |
| status_nwk | bigint | 1000 | see Status network |
| card_type | int | 2 | see Specify type of card |

Specify type of card

- 1: Physical
- 2: Virtual

Status network

- 1000 : Fully Operational DE39=00
- 1001 : Refer to Issuer DE39= 01
- 1004 : Capture Card DE39=04
- 1005 : Decline All Txns DE39=05
- 1008 : Honour with ID DE39=08
- 1041 : Lost Card - Capture DE39= 41
- 1043 : Stolen Card - Capture DE39=43
- 1054 : Expired card - Report DE39=54
- 1199 : Void card - Report DE39=05

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiJlNjg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIj

oiRVZJZ3ZNYkjXdzkzclU2VilslN1Yil6MiwicHJ2JoiODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwN
Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

success

```
curl --location --request GET 'https://uat-api.limtZ.com/api/card/1555490527072470/lis
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwc
--data-raw ''
```

Example Response

200 – OK

```
{
  "data": [
    {
      "token": 730172868,
      "status_nwk": 1000,
      "card_type": 2,
      "cre_dt": "2019-04-16 11:58:07"
    }
  ],
  "success": true
```

[View More](#)

GET card - detail

<https://uat-api.limtZ.com/api/card/1557430195039989/705853018/detail>

- This LIMTZ API call retrieves details about a card by token

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|-------------|
| card_token | bigint (^[0-9]{6,9}) | 36476423 | card token |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

ch_ fields are for card holders. del_ fields are for delivery,

| Field Name | Field Format | Sample Value | Description |
|------------|--------------------------|----------------------------------|--|
| error_id | integer (^[0-9]{1,5}) | 0 | look below Error handling/Codes |
| error_desc | string (max 500) | success | description |
| ch_title | string (max 10) | Mr | title |
| ch_fname | string (max 50) | Caen | first name |
| ch_sname | string (max 50) | Suffield | last name |
| ch_addr1 | string (max 50) | | address 1 |
| ch_addr2 | string (max 50) | | address 2 |
| ch_city | string (max 50) | London View More | city |

Type of card

- 1: Physical
- 2: Virtual

Status network

- 1000 : Fully Operational DE39=00
- 1001 : Refer to Issuer DE39= 01
- 1004 : Capture Card DE39=04
- 1005 : Decline All Txns DE39=05
- 1008 : Honour with ID DE39=08
- 1041 : Lost Card - Capture DE39= 41
- 1043 : Stolen Card - Capture DE39=43
- 1054 : Expired card - Report DE39=54

- 1199 : Void card - Report DE39=05

tok_flags {pws_tok_flag_edit}

| Field Name | Field Format | Sample Value |
|-------------|--------------|--|
| description | string | 0 |
| details | string | sets card to decline credit purchase/refund (DE3_1=20) |
| status | string | on/off |
| bit_pos | integer | 14 |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWV0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZjZ3ZNYkjdXzkzclU2ViIsInN1YiI6MiwicHJ2IjoiodDlMGFmMmVwOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

```
success

curl --location --request GET 'https://uat-api.limtz.com/api/card/1557430195039989/705' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWV0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZjZ3ZNYkjdXzkzclU2ViIsInN1YiI6MiwicHJ2IjoiodDlMGFmMmVwOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro' \
--data-raw ''
```

Example Response

```
200 – OK
```



```
{
  "data": {
    "ch_title": null,
    "ch_fname": null,
    "ch_sname": null,
    "ch_addr1": null,
    "ch_addr2": null,
    "ch_city": null,
    "ch_pcode": null,
    "ch_country": null
  }
}
```

[View More](#)

GET card - history

[https://uat-api.limtZ.com/api/card/1557430195039989/705853018/history?date_from=2017-10-24 13:13:08&date_to=2020-12-24 13:13:08&http_filter=G](https://uat-api.limtZ.com/api/card/1557430195039989/705853018/history?date_from=2017-10-24%2013:13:08&date_to=2020-12-24%2013:13:08&http_filter=G)

- This LIMTZ API call retrieves audit details about the transitions a card went through (creation, to expiry etc).

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 696979351 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Query string Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|-------------|--------------------------------|----------------------------|------------------------|--------------------------------|
| date_from | datetime (YYYY MM DD hh mm ss) | <input type="checkbox"/> M | 2017-11-24 13:13:08 | from date |
| date_to | datetime (YYYY MM DD hh mm ss) | <input type="checkbox"/> M | 2019-12-23 13:13:08 | to date |
| http_filter | string (^[p,P,g,G]) | <input type="checkbox"/> O | g | see Filters for actions |

Filters for actions

- g/G : Is a retrieve action (i.e. card - get balance)
- p/P : Is an insert, update, delete actios (i.e. card - load funds)

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|-------------------|------------------------|--|---|
| data | array | | history of a card |
| id | integer (^[0-9]{1,10}) | 1371 | audit card log id |
| client_id | integer (^[0-9]{6,9}) | | client_id which Limtz will provide at outset |
| request_date_time | datetime | 2019-12-24 13:13:08 | request (date time) |
| request_body | string(json) | | JSON string (API request) |
| response_body | string(json) | | JSON string (API response) |
| user_id | integer (^[0-9]{1,5}) | 135 | who performed the API request |
| app_name | string | LIMTZ | where the API was requested (application name) |
| api_name | integer (^[0-9]{1,10}) | card - get View More balance | web service call name |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZjZ3ZNYkxkdzklU2VilslN1Yil6MiwicHJ2IjoiodDlMGFmMwVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

PARAMS

date_from

2017-10-24 13:13:08

date_to

2020-12-24 13:13:08

http_filter

G

Example Request

success

```
curl --location --request GET 'https://uat-api.limtz.com/api/card/1557430195039989/705'
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwciJ9.eyJpc3MiOiJodHRwciJ9'
--data-raw ''
```

Example Response

200 – OK

```
{
  "data": [
    {
      "id": 32267,
      "client_id": 867883,
      "request_date_time": "2019-05-09 05:22:42",
      "request_body": "{\n  \"client_id\" : 867883,\n  \"token\" : 745738313\n}",
      "response_body": "{\n  \"header\" : {\n    \"error_id\" : 0,\n    \"error_desc\" : \"\n  \"response_date_time\": \"2019-05-09 05:22:42\",
      \"status\": \"s\"
    }
  }
}
```

[View More](#)

POST card - edit holder details

https://uat-api.limtz.com/api/card/1557430195039989/705853018/holder-edit

- This LIMTZ API call allows editing of cardholder data.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 8374382 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

ch_ : card holder details del_ : deliver details

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|------------------|--------------------|--------------------------|------------------|-------------------|
| ch_title | string (max 10) | <input type="checkbox"/> | Mr | title |
| ch_fname | string (max 50) | <input type="checkbox"/> | caen | first name |
| ch_sname | string (max 50) | <input type="checkbox"/> | Suffield | last name |
| ch_addr1 | string (max 50) | <input type="checkbox"/> | London 1 | address line 1 |
| ch_addr2 | string (max 50) | <input type="checkbox"/> | London 2 | address line 2 |
| ch_pcode | string (max 10) | <input type="checkbox"/> | 0988 | post code |
| ch_city | string (max 50) | <input type="checkbox"/> | London | city |
| ch_country | string (max 50) | <input type="checkbox"/> | United Kingdom | country |
| View More | | | | |
| ch_email | string | <input type="checkbox"/> | caen@hotmail.com | email |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|--------------------------|------------------------------|
| data | Object | | cardholder |
| message | string | card holder edit success | successful execution message |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWV0LWFwaS55aW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIj

oiRVZJZ3ZNYkjXdzkzclU2VilslN1Yil6MiwicHJ2JjoiODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwN
Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "ch_title": "Mr.",
  "ch_fname": "John 3",
  "ch_sname": "Doe 3",
  "ch_addr1": "8 rue de la paix",
  "ch_addr2": "",
  "ch_pcode": "75008",
  "ch_city": "Paris",
  "ch_country": "France",
  "ch_email": "test2@test.com",
```

[View More](#)

Example Request

success

```
curl --location --request POST 'https://uat-api.limtZ.com/api/card/1557430195039989/70' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwciJ9.eyJpc3MiOiJodHRwciJ9' \
--data-raw '{
  "ch_title": "Mr.",
  "ch_fname": "Brian",
  "ch_sname": "Dowd",
  "ch_addr1": "Ballyannon",
  "ch_addr2": "Midleton",
  "ch_pcode": "M1"
```

[View More](#)

Example Response

200 – OK

```
{
  "data": {
    "message": "Card Holder Detail is Edited Successfully"
  },
  "success": true,
  "title": "",
  "message": ""
}
```

POST card - set status

```
https://uat-api.limtZ.com/api/card/1557430195039989/705853018/status
```

- This LIMTZ API call changes the status of the card.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 343423r23 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|------------|-----------------------|---------------------------------------|--------------|---------------------------------|
| status_nwk | integer (^[0-9]{1,5}) | <input checked="" type="checkbox"/> M | 1000 | see below Status network |

Status network

- 1000 : Fully Operational DE39=00
- 1001 : Refer to Issuer DE39= 01
- 1004 : Capture Card DE39=04
- 1005 : Decline All Txns DE39=05
- 1008 : Honour with ID DE39=08
- 1041 : Lost Card - Capture DE39= 41
- 1043 : Stolen Card - Capture DE39=43
- 1054 : Expired card - Report DE39=54
- 1199 : Void card - Report DE39=05

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|-----------------------|--------------|----------------|
| data | Object | | card status |
| status_nwk | integer (^[0-9]{1,5}) | 1000 | Status Network |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWV0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZJZ3ZNYkxXdkZkcU2VilSnN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwN Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "status_nwk": 1000
}
```

Example Request

success

```
curl --location --request POST 'https://uat-api.limtZ.com/api/card/1557430195039989/70'
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWV0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZJZ3ZNYkxXdkZkcU2VilSnN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwN Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro'
--data-raw '{
  "status_nwk" : 1001
}'
```

Example Response

200 – OK

```
{
  "data": {
    "status_nwk": 1001
  },
  "success": true,
  "title": "",
  "message": ""
}
```

GET card - get status

https://uat-api.limtz.com/api/card/1557430195039989/705853018/status

- This LIMTZ API call retrieves the card status.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 87383722 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|-----------------------|--------------|---------------------------|
| data | Object | | card status |
| status_nwk | integer (^[0-9]{1,5}) | 1000 | see Status network |

Status network

- 1000 : Fully Operational DE39=00
- 1001 : Refer to Issuer DE39= 01
- 1004 : Capture Card DE39=04
- 1005 : Decline All Txns DE39=05
- 1008 : Honour with ID DE39=08
- 1041 : Lost Card - Capture DE39= 41
- 1043 : Stolen Card - Capture DE39=43

- 1054 : Expired card - Report DE39=54
- 1199 : Void card - Report DE39=05

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZil6MTU2ODcyMzk2NiwiYWVzOiRlZ3Z3ZmYkXzdkZklU2VilInN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGluNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

success

```
curl --location --request GET 'https://uat-api.limtz.com/api/card/1557430195039989/705' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZil6MTU2ODcyMzk2NiwiYWVzOiRlZ3Z3ZmYkXzdkZklU2VilInN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGluNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro' \
--data-raw ''
```

Example Response

200 – OK

```
{
  "data": {
    "status_nwk": 1001
  },
  "success": true,
  "title": "",
  "message": ""
}
```

GET card - get pan number

```
https://uat-api.limtz.com/api/card/1557430195039989/705853018/pan-number?pan_options=2
```

- This LIMITZ API call retrieve the PAN number details for a card

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 2321321 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|-------------|-----------------------|-------------------------------------|--------------|-----------------------------------|
| pan_options | integer (^[1-4]{1,1}) | <input checked="" type="checkbox"/> | 2 | see Response Type Required |

Response Type Required

- 2 : first six digits
- 3 : last four digits
- 4 : first 6 + Last 4 digits

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|------------------------|--------------|-------------|
| data | Object | | pan |
| pan | bigint (^[0-9]{16,16}) | 545454**7384 | PAN |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiiaWF0IjoxNTY4NzIzOTY2L2JleHAiOiJlNjg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkxkdzZkclU2ViIsbnN1YiI6MiwicHJ2IjoiodDdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwN

Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

PARAMS

pan_options

2

Example Request

success

```
curl --location --request GET 'https://uat-api.limtZ.com/api/card/1557430195039989/705'
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwci0uYm9keS51b250eXUyIiwiaWF0IjoiMj01OTIwMjAyMjE0LjE1In0.'
--data-raw ''
```

Example Response

200 – OK

```
{
  "data": {
    "pan": "516941*****0044"
  },
  "success": true,
  "title": "",
  "message": ""
}
```

POST card - get image

<https://uat-api.limtZ.com/api/card/1557430195039989/705853018/image>

- This LIMTZ API call provides for retrieval of a (tailored) card image.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|---------------------------|
| card_token | bigint (^[0-9]{6,9}) | 696979351 | Public token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|----------------|-----------------------|-------------------------------------|--------------|---|
| image_delivery | integer (^[1-6]{1,1}) | <input checked="" type="checkbox"/> | 1 | see Image Delivery |
| image_fields | integer (^[0-1]{5,5}) | <input checked="" type="checkbox"/> | 00111 | show/hide PAN/CVV/expiry /token/emboss_name in resulting image . 1=show, 0=hide. bitmask index: 1=PAN, 2=CVV, 3=expiry, 4=token, 5=emboss_name; EG : 00011; Hide PAN, CVV and expiry but show token, emboss_named |
| image_name | string | <input checked="" type="checkbox"/> | paymentology | image name for generating details onto |
| xml_fields | integer (^[0-1]{5,5}) | <input type="checkbox"/> | 00111 | show/hide PAN/CVV/expiry /token/emboss_name in resulting image . 1=show, 0=hide. bitmask index: 1=PAN, 2=CVV, 3=expiry, 4=token, 5=emboss_name; EG : 00011; Hide PAN, CVV and expiry but show token, emboss_named |

[View More](#)

Image delivery

- 1: plain base64 with (encrypted pan, cvv, token, expiry, emboss_name)
- 2: byte encrypted with (encrypted pan, cvv, token, expiry, emboss_name)
- 3: JSON (encrypted pan, cvv, token, expiry, emboss_name but no image)
- 4: base64 image with (masked pan back, cvv, token, expiry, emboss_name)

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|-----------------------|---|---------------------------------------|
| data | Object | | card image |
| ac_id | bigint (^[0-9]{6,9}) | 460446289 | account id |
| expiry | string (max 5) | 05/20 | expiry details |
| emboss_name | string (max 50) | Caen Suffield | fron of card name |
| token | integer (^[0-9]{6,9}) | 5839548949 | token for card |
| epan | string (max 64) | *** | PAN number (encrypted) |
| cvv | string (max 3) | *** | card security code |
| image_base64 | string (max) | | image in base64 (png format) |
| mpan | string | 5445***4344354 View More | masked pan (only if image_delivery=4) |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkxkdzkcU2ViIjoiODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDC1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "image_delivery": "1",
  "image_fields": "00111",
  "image_name": "paymentology",
  "xml_fields": "00111"
}
```

Example Request

success

```
curl --location --request POST 'https://uat-api.limtZ.com/api/card/1557430195039989/70
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRw
--data-raw '{
  "image_delivery": "1",
  "image_fields": "00111",
  "image_name": "paymentology",
  "xml_fields": "00111"
}'
```

Example Response

200 – OK

```
{
  "data": {
    "cvv": "443",
    "image_base64": "iVBORw0KGgoAAAANSUgAAAdYAAAEjCAIAAAAAJ7enAACAAE1EQVR42uzdd3xVR
```

POST card - load funds

https://uat-api.limtZ.com/api/card/1557430195039989/705853018/balance

- This LIMTZ API call loads/unloads fund/balance to a card.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 78346734 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|-------------|-----------------------------|----------------------------|-----------------------------------|--|
| amount | decimal ((\d+)((\d{1,4})?)) | <input type="checkbox"/> M | 1000.10 | load/unload amount |
| act_blk_pnd | char (max 1) | <input type="checkbox"/> M | a | amount to update: a=actual, b=blocked, c=pending |
| cr_dr | char (max 1) | <input type="checkbox"/> M | c / d | update type: c=credit/load, d=debit/unload |
| source | string | <input type="checkbox"/> M | limtz | source details/note if applicable |
| amt_ccy | string (min/max 3) | <input type="checkbox"/> M | 826 | load currency (ISO-4217 currency code (GBP=826, EUR=978, USD=840)) |
| load_fee | decimal ((\d+)((\d{1,4})?)) | <input type="checkbox"/> O | 12.12 | feed amount |
| load_ccy | string (min/max 3) | <input type="checkbox"/> O | 826 | feed currency (ISO-4217 currency code (GBP=826, EUR=978, USD=840)) |
| note | string | <input type="checkbox"/> O | View More Balance | load/unload details/note if |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|----------------------------|--------------|----------------|
| data | Object | | balances |
| bill_pnd_amt | decimal ((\d+)((\d{1,4})?) | 100.00 | pending amount |
| bill_blk_amt | decimal ((\d+)((\d{1,4})?) | 100.00 | blocked amount |
| bill_act_amt | decimal ((\d+)((\d{1,4})?) | 100.00 | actual amount |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYslm5iZiI6MTU2ODcyMzk2NiwiianRpJ

oiRVZJZ3ZNYkjXdzkzclU2VilslN1Yil6MiwicHJ2JjoiODdlMGFmMwVvOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwN
Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

PARAMS

BODY raw

```
{
  "amount": "100.10",
  "act_blk_pnd": "a",
  "cr_dr": "c",
  "load_ccy": "826",
  "source": "limtz"
}
```

Example Request

success credit ▼

```
curl --location --request POST 'https://uat-api.limtz.com/api/account/1557430195039989
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwc
--data-raw '{
  "amount": "5.54",
  "act_blk_pnd": "a",
  "cr_dr": "c",
  "load_ccy": "826",
  "source": "limtz"
```

[View More](#)

Example Response

200 – OK

```
{
  "data": {
    "amount": 95.54
  },
  "success": true,
  "title": "",
  "message": ""
}
```

GET card - get balance

https://uat-api.limtz.com/api/card/1557430195039989/705853018/balance

- This LIMTZ API call retrieves the card balance details (actual, pending, blocked) for a specific card.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 696979351 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|-------------|----------------------------|--------------|--|
| data | Object | | balances |
| bal_pnd_amt | decimal ((\d+)(\.\d{1,4})) | 500.12 | pending amount |
| bal_blk_amt | decimal ((\d+)(\.\d{1,4})) | 300.22 | blocked amount |
| bal_act_amt | decimal ((\d+)(\.\d{1,4})) | 400.01 | actual amount |
| bal_ccy | decimal ((\d+)(\.\d{1,4})) | 826 | billing currency (ISO-4217) code (GBP=826, EUR=978, USD=840) |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LjIjLeHAiOiJlNjg3Mjc1NjYslm5iZiI6MTU2ODcyMzk2NiwiYWVwIjoiRVZJZ3ZNYk5kZkZlU2ViIjoiODdlMGFmMmVwOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGwvDc1NDZhYSIsInVzZXJfdWlkIjoiNTU1NDI2MzZmMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

success

```
curl --location --request GET 'https://uat-api.limtZ.com/api/card/1557430195039989/705
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRw
--data-raw ''
```

Example Response

200 – OK

```
{
  "data": {
    "bal_ccy": "048 ",
    "bal_act_amt": "104.0400",
    "bal_blk_amt": "0.0000",
    "bal_pnd_amt": "0.0000"
  },
  "success": true,
  "title": "",
  "message": ""
```

[View More](#)

GET card - get statement

```
https://uat-api.limtZ.com/api/card/1557430195039989/705853018/statement?date_from=2017-10-24 13:13:08&date_to=2020-12-24 13:13:08
```

- This LIMTZ API call retrieves transaction statement for a card.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 696979351 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|------------|--------------|----------|---------------------|-------------|
| date_from | datetime | M | 2017-10-24 13:13:08 | from date |
| date_to | datetime | M | 2019-12-24 13:13:08 | to date |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|-------------|--------------------|---------------------------|--|
| data | Array | | card statement |
| txn_id | bigint | 43434 | transaction id |
| token | bigint | 5465545667 | token for the card |
| type | string | Load | type: load/unload/spend |
| status | string | 00 | network status |
| description | string | | description |
| spend_ccy | string (max 3) | | spend currency (ISO-4217) code (GBP=826, EUR=978, USD=840) |
| spend_sym | string (max 1) | | \$,£ etc |
| spend_amt | decimal | 49.94 | Total amount spent in decimal |
| card_ccy | string (max/min 3) | | card currency (ISO-4217) code (GBP=826, EUR=978, USD=840) |
| txn_amt | decimal | | transaction amount |
| fees | decimal | View More | transaction fees |
| aval | decimal | | balance available |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYslm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiorVZjZ3ZNYkjdXzZkZCU2ViIjN1YiI6MiwicHJ2IjoiorODdlMGFmMwVwOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGwNDc1NDZhYSIsInVzZXJfdWlkIjoiorNTU1NDI2MzZmZjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

PARAMS

date_from

2017-10-24 13:13:08

date_to

2020-12-24 13:13:08

Example Request

card - get statement

```
curl --location --request GET 'https://uat-api.limtz.com/api/card/1557430195039989/705'
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwc'
--data-raw ''
```

Pin

POST pin - set

```
https://uat-api.limtz.com/api/pin/1557430195039989/705853018
```

- This LIMTZ API call allows setting of the pin (passed encrypted on API) for a card.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 696979351 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|------------|-----------------------|---------------------------------------|--------------|------------------|
| epin | bigint (^[0-9]{4,12}) | <input checked="" type="checkbox"/> M | 1234 | pin for the card |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|-----------------|--------------------------------|
| data | Object | | Result |
| message | string | pin set success | successful message description |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYW50IjoiRVZlZ3ZNYkxkdzkcU2VlslN1YiI6MiwiY2JlOiJ0dDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "epin" : "1234"
}
```

Example Request

```
success

curl --location --request POST 'https://uat-api.limtz.com/api/pin/1557430195039989/705' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYW50IjoiRVZlZ3ZNYkxkdzkcU2VlslN1YiI6MiwiY2JlOiJ0dDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro' \
--data-raw '{
  "epin" : "1234"
}'
```

Example Response

200 – OK

```
{
  "data": {
    "message": "pin set success"
  },
  "success": true,
  "title": "",
  "message": ""
}
```

GET pin - get

```
https://uat-api.limtz.com/api/pin/1557430195039989/705853018
```

- This LIMITZ API call enables retrieval of a pin (encrypted) for a card & send sms to registered cardholder.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 696979351 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|----------------------------------|------------------|
| data | Object | | Result |
| message | string | sms sent to card holder with pin | response message |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiawWF0joxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZjZ3ZNYkxXdkZkclU2VilslN1Yil6MiwicHJ2IjoiodDlMGFmMwVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsbnVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

```
success
```

```
curl --location --request GET 'https://uat-api.limtZ.com/api/pin/1557430195039989/7058' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiawWF0joxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZjZ3ZNYkxXdkZkclU2VilslN1Yil6MiwicHJ2IjoiodDlMGFmMwVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsbnVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro' \
--data-raw ''
```

Example Response

```
200 – OK
```

```
{
  "data": {
    "message": "sms sent to card holder with pin"
  },
  "success": true,
  "title": "",
  "message": ""
}
```

POST pin - unblock

```
https://uat-api.limtZ.com/api/pin/1557430195039989/705853018/unblock
```

- This LIMTZ API call unblocks the pin for a card (more than 3 calls result in the card being blocked).

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|--------------------|
| card_token | bigint (^[0-9]{6,9}) | 696979351 | token for the card |
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|--------------|---------------------|------------------|
| data | Object | | Result |
| message | string | Pin unblock success | response message |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTUzODcyMzk2NiwiYWVudC1NDZlYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

```
success

curl --location --request POST 'https://uat-api.limtz.com/api/pin/1557430195039989/705' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTUzODcyMzk2NiwiYWVudC1NDZlYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro' \
--data-raw ''
```

Example Response

```
200 - OK
```



```
{
  "data": {
    "status": 1
  },
  "success": true,
  "title": "",
  "message": ""
}
```

Customer

POST customer - create

<https://uat-api.limtz.com/api/customer>

Description

- This LIMTZ API call creates a new “customer” entity for the overall API connection.

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|---------------|------------------|----------|--------------------------------|-------------|
| customer_name | string (max 50) | M | John Doe | name |
| customer_desc | string (max 500) | M | second client of Business Unit | description |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|-------------|-----------------------|----------------|-------------|
| data | object | | |
| customer_id | integer (^[0-9]{1,4}) | 15625642346273 | id |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkxkdzkcU2VilSnN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "customer_name": "John Doe",
  "customer_desc": "Customer description"
}
```

Example Request

```
success
```

```
curl --location --request POST 'https://uat-api.limtz.com/api/customer' \  
--header 'Content-Type: application/json' \  
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwc  
--data-raw '{  
  "customer_name": "John Doe",  
  "customer_desc": "customer description"  
}'
```

Example Response

```
200 – OK
```

```
{  
  "data": {  
    "customer_id": "1556699024580695"  
  },  
  "success": true,  
  "title": "",  
  "message": ""  
}
```

GET customer - get all customers

```
https://uat-api.limtz.com/api/customer
```

- This LIMTZ API call retrieves all customers that this API connection owns.

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|---------------|-------------------------|------------------|-------------------|
| data | array | | list of customers |
| state | enum(ACTIVE, PENDING) | ACTIVE | customer state |
| customer_id | bigint (^[0-9]{6,9}) | 1556457618887654 | id |
| customer_name | string (100) | John Doe | name |
| customer_desc | string (100) | | description |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYWVudC1NDZlYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY formdata

Example Request

```
success

curl --location --request GET 'https://uat-api.limtz.com/api/customer' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYWVudC1NDZlYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro' \
--data-raw ''
```

Example Response

```
200 - OK
```

```
{
  "data": [
    {
      "state": "ACTIVE",
      "customer_id": 1556457610367722,
      "customer_name": "customer name 1",
      "customer_desc": "first client of Business Unit"
    },
    {
      "state": "PENDING"
    }
  ]
}
```

[View More](#)

Funding

POST funding - create bank details

<https://uat-api.limtz.com/api/funding/1557430195039989/bankdetail>

Description

- This LIMTZ API call creates a new “bank details” entity for the overall API connection.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|--------------|-----------------|----------|-------------------------------|--------------|
| swift_bic | string (11) | M | CTBAAU2SXXX | SWIFT BIC |
| bank_name | string (max 50) | M | FIRST DIRECT | Bank Name |
| bank_address | string (max 50) | M | 40 Wakefield Rd Leeds LS981FD | Bank Address |
| bank_country | iso (max 2) | M | GB | Bank Country |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|----------------------------|-----------------|-------------|
| data | object | | |
| user_bank_id | alphanumeric (^[0-9]{6,9}) | 15N625642346273 | id |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkxkdzkcU2VilSnN1YiI6MiwicHJ2IjoiodDdlMGFmMwVWmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGIwN Dc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "swift_bic": "LIABLT2XXXX",
  "bank_name": "FIRST DIRECT",
  "bank_address": "40 Wakefield Rd Leeds LS981FD",
  "bank_country": "gb"
}
```

Example Request

```
success

curl --location --request POST 'https://uat-api.limtz.com/api/funding/1557430195039989
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwc
--data-raw '{
  "swift_bic": "LIABLT2XXXX",
  "bank_name": "FIRST DIRECT",
  "bank_address": "40 Wakefield Rd Leeds LS981FD",
  "bank_country": "GB"
}'
```

Example Response

```
200 – OK

{
  "data": {
    "user_bank_id": "15N1582013117"
  },
  "success": true,
  "title": "",
  "message": ""
}
```

GET funding - get all bank details

```
https://uat-api.limtz.com/api/funding/1557430195039989/bankdetail
```

- This LIMTZ API call retrieves all bank details that this API connection owns.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|--------------|----------------------------|-------------------------------|----------------------|
| data | array | | list of bank details |
| user_bank_id | alphanumeric (^[0-9]{6,9}) | 15N1582013117 | id |
| swift_bic | string (11) | CTBAAU2SXXX | SWIFT BIC |
| bank_name | string (30) | FIRST DIRECT | Bank Name |
| bank_address | string (30) | 40 Wakefield Rd Leeds LS981FD | Bank Address |
| bank_country | iso (2) | GB | Bank Country |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkYXdzkcU2VlsluN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRlMGlwNDC1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY formdata

Example Request

```
success

curl --location --request GET 'https://uat-api.limtz.com/api/funding/1557430195039989/'
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkYXdzkcU2VlsluN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRlMGlwNDC1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro'
--data-raw ''
```

Example Response

```
200 - OK
```



```
{
  "data": [
    {
      "user_bank_id": "15N1582013117",
      "swift_bic": "LIABLT2XXXX",
      "bank_name": "FIRST DIRECT",
      "bank_address": "40 Wakefield Rd Leeds LS981FD",
      "bank_country": "GB"
    },
    {
      "user_bank_id": "15N1582013117",
      "swift_bic": "LIABLT2XXXX",
      "bank_name": "FIRST DIRECT",
      "bank_address": "40 Wakefield Rd Leeds LS981FD",
      "bank_country": "GB"
    }
  ]
}
```

[View More](#)

POST funding - create payment advice

<https://uat-api.limtz.com/api/funding/1557430195039989/advice>

Description

- This LIMTZ API call making a client funding payment to Moneycorp

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Request Data Parameter

| Field Name | Field Format | Required | Sample Value | Description |
|-------------------|----------------------------------|-------------------------------------|-----------------------|-----------------------------------|
| currency | string (Max 3) | <input checked="" type="checkbox"/> | USD | Currency Code : USD,GBP,EUR |
| user_bank_id | alphanumeric (^[0-9]{6,9}) | <input checked="" type="checkbox"/> | 20N1582017845 | Bank ID |
| amount | decimal ((\d+ ((\.\d{1,4})?)) | <input checked="" type="checkbox"/> | 100 | Requested Amount |
| payment_reference | string (max 100) | <input type="checkbox"/> | Tx597903k1ab8kpj | Payment Reference |
| comments | string (max 100) | <input type="checkbox"/> | LIMTZ TO MONEYCORP | Comments |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|-------------------|----------------------------|---------------|-------------|
| data | object | | |
| payment_advice_id | alphanumeric (^[0-9]{6,9}) | 79N1582026583 | id |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpljoiRVZJZ3ZNYkxXdkZkclU2ViIsInN1YiI6MiwicHJ2IjoiodDlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDC1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY raw

```
{
  "currency": "USD",
  "user_bank_id": "43N1588577755",
  "amount": 15,
  "payment_reference": "Tx597903k1ab8kpj",
  "comments": "LIMTZ TO MONEYCORP"
}
```

Example Request

success

```
curl --location --request POST 'https://uat-api.limt.com/api/funding/1557430195039989'
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwci'
--data-raw '{
  "currency": "USD",
  "user_bank_id": "20N1582017845",
  "amount": 100,
  "payment_reference": "Tx597903k1ab8kpj",
  "comments": "LIMTZ TO MONEYCORP"
}'
```

Example Response

200 – OK

```
{
  "data": {
    "payment_advice_id": "79N1582026583"
  },
  "success": true,
  "title": "",
  "message": ""
}
```

GET funding - get all payment advice

```
https://uat-api.limt.com/api/funding/1557430195039989/advice
```

- This LIMTZ API call retrieves all last 3 months payment advice balances on their account with user_bank_id.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|-------------------|------------------------------------|---|---|
| data | array | | |
| payment_advice_id | alphanumeric (^[0-9]{6,9}) | 79N1582026583 | id |
| advice_ccy | decimal ((\d+)((\d{1,4})) | 826 | currency (ISO-4217 currency code (GBP=826, EUR=978, USD=840)) |
| amount | decimal ((\d+)((\d{1,4})) | 100 | Advice amount |
| status | enum(PENDING, ALLOCATED, DECLINED) | PENDING | Payment status |
| user_bank_id | alphanumeric | 15N625642346273 | user_bank_id |
| payment_reference | string (100) | Tx597903k1ab8kpj | Payment Reference |
| comments | string (100) | View More LIMTZ TO MONEYCORP | Comments |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkxkdzkcU2ViIsInN1YiI6MiwiicHJ2IjoiodDlMGFmMwVvOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDC1NDZhYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

BODY formdata

Example Request

success

```
curl --location --request GET 'https://uat-api.limt.com/api/funding/1557430195039989/' --header 'Content-Type: application/json' \ --header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwcy5kb291IiwiaWF0IjoiYXV0Iiwidm9pYyI6ImNpbG91dCJ9' --data-raw ''
```

Example Response

200 – OK

```
{  "data": [    {      "payment_advice_id": "93N1582277321",      "advice_ccy": "840",      "amount": 10,      "status": "PENDING",      "user_bank_id": "36N1582277321",      "payment_reference": "Test903k1008kj",      "comments": "Test Money"    }  ]}
```

[View More](#)

GET funding - get status payment advice

```
https://uat-api.limt.com/api/advice/1557430195039989/95N1588333271/status
```

- This LIMTZ API call retrieves all accounts for a customer.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------------|----------------------------|------------------|-------------------|
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |
| payment_advice_id | alphanumeric (^[0-9]{6,9}) | 79N1582026583 | payment advice id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|------------------------------------|--------------|-----------------|
| data | array | | account details |
| status | enum(PENDING, ALLOCATED, DECLINED) | PENDING | Payment status |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYWVhbnVzZXZ3ZnYkYXdzkcU2ViIjN1YiI6MiwiY2JlIjojODdlMGFmMmVwOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

success

```
curl --location --request GET 'https://uat-api.limtZ.com/api/funding/1557430195039989/'
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2luliwiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiYWVhbnVzZXZ3ZnYkYXdzkcU2ViIjN1YiI6MiwiY2JlIjojODdlMGFmMmVwOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro'
--data-raw ''
```

Example Response

200 – OK

```
{
  "status": "PENDING",
  "success": true,
  "title": "",
  "message": ""
}
```

GET funding - get balance

```
https://uat-api.limtZ.com/api/funding/1557430195039989/balance
```

- This LIMTZ API call retrieves funding amount for a client.

URL Parameters

| Name | Format | Sample Value | Description |
|-------------|----------------------|------------------|-------------|
| customer_id | bigint (^[0-9]{6,9}) | 1557430195039989 | id |

Response Data Parameters

| Field Name | Field Format | Sample Value | Description |
|------------|----------------------------|--------------|---|
| data | array | | |
| bal_ccy | decimal ((\d+)(\.\d{1,4})) | 826 | currency (ISO-4217 currency code (GBP=826, EUR=978, USD=840)) |
| amount | decimal ((\d+)(\.\d{1,4})) | 100 | Advice amount |

HEADERS

Content-Type

application/json

Authorization

Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczpcL1wvdWF0LWFwaS5saW10ei5jb21cL2FwaVwvYnVzaW5lc3NcL2xvZ2lulwiiaWF0IjoxNTY4NzIzOTY2LCJleHAiOiE1Njg3Mjc1NjYsIm5iZiI6MTU2ODcyMzk2NiwiianRpIjoiRVZJZ3ZNYkxhdzkcU2VilSluN1YiI6MiwicHJ2IjojODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGlwNDc1NDZhYSIsInVzZXJfdWlkIjoxNTU1NDI2MzMzMjk5MjU0fQ.RIOITGMubjgT81yV567K3kOulk-umd8XEupQmtyKlro

Example Request

success

```
curl --location --request GET 'https://uat-api.limtz.com/api/funding/1557430195039989/'  
--header 'Content-Type: application/json' \  
--header 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwc  
--data-raw ''
```

Example Response

200 – OK

```
{  
  "data": [  
    {  
      "bal_ccy": "978",  
      "amount": "950.00"  
    },  
    {  
      "bal_ccy": "826",  
      "amount": "59.13"  
    }  
  ]  
}
```

[View More](#)