# OmniCard API v2.x Implementation Guide

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# Contents

# Overview

## Introduction

This user guide contains all of the information needed to get started with the OmniCard APIs.

The OmniCard API allows clients comprehensive access to the OmniCard backend through Application Programming Interface (API) calls. The API implements a simple to use REST architecture that can be easily incorporated into custom applications, allowing OmniCard to become a perfect fit for every unique workflow.

### Request Structure

#### URL

*Format*

[protocol]://[base url]/[api version]/[service]/[method].[response format]

*Example URLs*

https://api.omnicard.com/2.x/cards/getCard.json
https://api.omnicard.com/2.x/cards/getCard.xml

- **All parts of the URL are REQUIRED.**
- API service and method should be specified based on this documentation.
- The response format may be either json or xml.
- If you fail to specify a response format, you will receive a 404 response.

#### Request

All requests should be POST requests via https.

*Parameters*

All request parameters should be supplied as an array in a "data" POST field as specified in this documentation. For example, a request to generate a new authorization token should emulate the submission of this form:

```
<form action="https://api.omnicard.com/2.x/apiUsers/auth.json" method="POST">
   <input type="text" value="username@domain.com" name="data[username]" />
```

```
    <input type="text" value="mypassword" name="data[password]" />
</form>
```

## Authentication

The API uses a combination of username/password and token authentication systems. Each client will have a username/password combination that will be used to authenticate to the API to request an authentication token. The authentication token will be required for all other API requests. Authentication tokens expire 7 days after they are issued, at which point a new token must be requested. It is not necessary to wait for a valid token to expire before requesting a new one. Once a new token is issued, the existing token is invalidated.

## Responses

Each API response will have 3 parts, a status, transaction_id and message. The transaction_id is the id of the log entry for your API request. Should you have issues with requests that require technical support from OmniCard, this id may be useful to OmniCard developers to find the details of the request. The message will contain the information that you requested.

The following are the standard statuses that you will receive from the OmniCard API.

| Status Code | Description | Error Resolution |
|---|---|---|
| 1000 | All successful requests will return this status. | |
| 2001 | Invalid login. Invalid username/password combination sent to the api_users/auth API. | Verify that the username and password you are using are correct. Passwords are case sensitive. |
| 2002 | Invalid token. Supplied token is invalid. The token may either be non-existent or expired. | Verify the token you are using is correct, or request a new one from api_users/auth. |
| 3001 | Invalid version. The API version the was directed to does not exist. | Verify the version number of the API that you are calling. This is present in the URL. There are currently two valid versions, 1.0 or 2.x. |
| 3002 | Invalid request method. The requested API method is unrecognized. | The method you are calling does not exist. Check this documentation for the correct request method to call to perform the operation you are attempting. |
| 3003 | Invalid request. This response is received if no input parameters are specified, or if the requested operation is not valid for the specified parameters. | Verify that you are sending the correct parameters for the request you are making. |

| 5001 | Internal error. An error occurred within the OmniCard system or a third party system that was contacted to retrieve additional information to fulfill your request. | In most cases, if you receive this error, simply retry the request. |
|---|---|---|
| 6001 | Invalid parameters. One or more of the parameters supplied with your request was invalid. For example, a card number was supplied but empty or invalid. | Check the error messages in the message portion of the response for specific information about the fields that were invalid. |

### Errors

Errors in the responses will be within an errors element of the message portion of the response. In the xml response, the errors element will contain one or more item elements which will each contain a message string explaining the error that occurred. In the json response, the errors property will contain an array of error message strings.

# API Methods

## API Users

### auth

*Description*

For each API request, you must use a token that is generated by the OmniCard system. You will use this call to generate a token that will be used on all of the other API calls. This is the only call that requires your username and password in the request. Use this call to request a token which will be supplied for all other requests. The token you receive will expire within 7 days from when it is issued. You may request a new token at any time, you do not need to wait for your existing token to expire.

*URL*

https://api.omnicard.com/2.x/apiUsers/auth.json
https://api.omnicard.com/2.x/apiUsers/auth.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[username] | string | Required<br>A user username/email address. | -- |
| data[password] | string | Required<br>The user password. | -- |

*Sample Responses*

**JSON**

```json
{
    "response": {
        "status":1000,
        "transaction_id":"100"
        "message":"ac523bf643c602e1d1aefbdcff7dd6dc"
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>100</transaction_id>
    <message>ac523bf643c602e1d1aefbdcff7dd6dc</message>
</response>
```

## passwd

*Description*

This method may be used to change your password for your API user account. When you change your password, the authentication token that you were using will automatically become invalid. You will need to make a request to apiUsers/auth after the password change to request a new token.

*URL*

https://api.omnicard.com/2.x/apiUsers/passwd.json
https://api.omnicard.com/2.x/apiUsers/passwd.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[password] | string | Required<br>The new password you would like to use for calls to the apiUsers/auth method. | minimum 8 characters<br>must include 1 or more non-alphanumeric characters |

*Sample Responses*

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**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1019",
        "message":"Password successfully updated. Please authenticate using
your new credentials."
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1018</transaction_id>
    <message>Password successfully updated. Please authenticate using your
new credentials.</message>
</response>
```

# Funds

## getAccount

### Description

Get details about the specified fundsbank account, including the transaction history.

### URL

https://api.omnicard.com/2.x/funds/getAccount.json
https://api.omnicard.com/2.x/funds/getAccount.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[account_id] | integer | Required<br>The ID of the fundsbank account to get details about. | -- |

### Sample Responses

**JSON**

```
{
    "response": {
```

```
        "status":1000,
        "transaction_id":"1041",
        "message": {
            "account": {
                "id":"8",
                "type":"global",
                "balance":"500.00",
                "created":"2011-06-09 14:14:35",
                "user":null,
                "transaction": [
                    {
                        "type":"increase",
                        "category":"deposit",
                        "amount":"500.00",
                        "comment":"Deposit Approved: 2011-09-12 11:51:25",
                        "transaction_date":"2011-09-12 11:48:43",
                        "status":"approved",
                        "balance":"500.00",
                        "payment_method":"wire"
                    },
                    {
                        "type":"increase",
                        "category":"deposit",
                        "amount":"5000.00",
                        "comment":"Deposit",
                        "transaction_date":"2011-09-15 09:44:02",
                        "status":"pending",
                        "balance":"0.00",
                        "payment_method":"wire"
                    },
                    {
                        "type":"increase",
                        "category":"deposit",
                        "amount":"45.00",
                        "comment":"Deposit",
                        "transaction_date":"2011-09-15 10:36:14",
                        "status":"pending",
                        "balance":"0.00",
                        "payment_method":"check"
                    }
                ]
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1040</transaction_id>
    <message>
        <account>
            <id>8</id>
```

```xml
            <type>global</type>
            <balance>500.00</balance>
            <created>2011-06-09 14:14:35</created>
            <user/>
            <transaction>
                <item>
                    <type>increase</type>
                    <category>deposit</category>
                    <amount>500.00</amount>
                    <comment>Deposit Approved: 2011-09-12 11:51:25</comment>
                    <transaction_date>2011-09-12 11:48:43</transaction_date>
                    <status>approved</status>
                    <balance>500.00</balance>
                    <payment_method>wire</payment_method>
                </item>
                <item>
                    <type>increase</type>
                    <category>deposit</category>
                    <amount>5000.00</amount>
                    <comment>Deposit</comment>
                    <transaction_date>2011-09-15 09:44:02</transaction_date>
                    <status>pending</status>
                    <balance>0.00</balance>
                    <payment_method>wire</payment_method>
                </item>
                <item>
                    <type>increase</type>
                    <category>deposit</category>
                    <amount>45.00</amount>
                    <comment>Deposit</comment>
                    <transaction_date>2011-09-15 10:36:14</transaction_date>
                    <status>pending</status>
                    <balance>0.00</balance>
                    <payment_method>check</payment_method>
                </item>
            </transaction>
        </account>
    </message>
</response>
```

### getAccounts

***Description***

Get summary information about all of the fundsbank accounts in the API user's client account.

***URL***

https://api.omnicard.com/2.x/funds/getAccounts.json
https://api.omnicard.com/2.x/funds/getAccounts.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1038",
        "message": [
            {
                "account": {
                    "id":"3",
                    "type":"private",
                    "balance":"300.00",
                    "created":"2011-05-06 11:12:56",
                    "user": {
                        "email":"john.doe@test.com",
                        "title":"Manager",
                        "status":"active",
                        "id":"3",
                        "full_name":"John Doe"
                    }
                }
            },
            {
                "account": {
                    "id":"8",
                    "type":"global",
                    "balance":"500.00",
                    "created":"2011-06-09 14:14:35",
                    "user":null
                }
            }
        ]
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1037</transaction_id>
    <message>
        <item>
            <account>
                <id>3</id>
```

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```xml
                <type>private</type>
                <balance>300.00</balance>
                <created>2011-05-06 11:12:56</created>
                <user>
                    <email>john.doe@test.com</email>
                    <title>Manager</title>
                    <status>active</status>
                    <id>3</id>
                    <full_name>John Doe</full_name>
                </user>
            </account>
        </item>
        <item>
            <account>
                <id>8</id>
                <type>global</type>
                <balance>500.00</balance>
                <created>2011-06-09 14:14:35</created>
                <user/>
            </account>
        </item>
    </message>
</response>
```

## add

### Description

Add the specified amount of funds to the specified fundsbank account. Use funds/getAccounts to get the IDs of the fundsbank accounts of your users.

### URL

https://api.omnicard.com/2.x/funds/add.json
https://api.omnicard.com/2.x/funds/add.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[account_id] | integer | Required<br>The ID of the fundsbank account to add funds to. | -- |
| data[amount] | decimal | Required<br>The amount to add to the account. | -- |

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| data[payment_method] | string | Required<br>Check or wire payments are accepted. These transactions will be placed into pending status. Note that the funds will not be available for purchases from the fundsbank account until the receipt of payment is confirmed and the transaction is approved. | one of:<br>check<br>wire |
| --- | --- | --- | --- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1327",
        "message": {
            "funds_account_transaction": {
                "id":"71",
                "funds_account_id":"3",
                "category":"deposit",
                "amount":"50.00",
                "created":"2011-09-23 15:17:15",
                "status":"pending",
                "balance":"300.00",
                "payment_method":"check"
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1326</transaction_id>
    <message>
        <funds_account_transaction>
            <id>70</id>
            <account_id>3</account_id>
            <category>deposit</category>
            <amount>50.00</amount>
            <created>2011-09-23 15:13:22</created>
            <status>pending</status>
            <balance>300.00</balance>
            <payment_method>check</payment_method>
        </funds_account_transaction>
    </message>
</response>
```

## transfer

*Description*

Transfer funds between two existing fundsbank accounts. This request returns the resulting transaction details for the destination account.

*URL*

https://api.omnicard.com/2.x/funds/transfer.json
https://api.omnicard.com/2.x/funds/transfer.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[source] | integer | Required<br>The ID of the fundsbank account to debit. | -- |
| data[destination] | integer | Required<br>The ID of the fundsbank account to credit. | -- |
| data[amount] | decimal | Required<br>The amount to transfer. The amount cannot exceed the available balance in the source account. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1332",
        "message": {
            "funds_account_transaction": {
                "id":"76",
                "funds_account_id":"8",
                "category":"transfer",
                "amount":"25.00",
                "created":"2011-09-23 22:42:06",
                "status":"approved",
                "balance":"400.00",
                "payment_method":null
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
```

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```xml
<response>
    <status>1000</status>
    <transaction_id>1331</transaction_id>
    <message>
        <funds_account_transaction>
            <id>75</id>
            <funds_account_id>8</funds_account_id>
            <category>transfer</category>
            <amount>25.00</amount>
            <created>2011-09-23 22:40:31</created>
            <status>approved</status>
            <balance>425.00</balance>
        </funds_account_transaction>
    </message>
</response>
```

# Cards

## getBalance

### Description

Get the current balance on the specified card.
Virtual card balances can be retrieved using this method. Their balances are also included in the virtualCards/getByCode response.
You must use the egiftCards/getCard method to retrieve merchant eGift card balances.

### URL

https://api.omnicard.com/2.x/cards/getBalance.json
https://api.omnicard.com/2.x/cards/getBalance.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to get the balance for. | -- |
| data[card_number] | integer | *Optional<br>The card number of the card to get the balance for. | -- |

*Either data[card_id] or data[card_number] is required.

### Sample Responses

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**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1022",
        "message": {
            "balance":"0.00"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1023</transaction_id>
    <message>
        <balance>0.00</balance>
    </message>
</response>
```

## getCard

### *Description*

Get information about the specified card.
Virtual card information may be retrieved using this method if the virtual code is not available. If you retain the virtual code, you can use the virtualCards/getByCode method.
This method does not support retrieving merchant eGift cards. You must use the egiftCards/getCard method.

### *URL*

https://api.omnicard.com/2.x/cards/getCard.json
https://api.omnicard.com/2.x/cards/getCard.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to get. | -- |

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| data[card_number] | integer | *Optional<br>The card number to get. | -- |

**\*Either data[card_id] or data[card_number] is required.**

*Sample Responses*

**JSON**

```json
{
    "response": {
        "status":1000,
        "transaction_id":"1025",
        "message": {
            "card": {
                "id":"64402",
                "activated":"1",
                "activation_code":null,
                "cc_number":"4444555566667777",
                "denomination": "10",
                "hint": "",
                "current_balance":"0.00",
                "reloadable":"1",
                "atm_access":"0",
                "atm_pin":null,
                "card_pin":null
                "order": {
                    "id":"355",
                    "purchase_date":"2011-08-26 13:08:35",
                    "type": "shopping"
                },
                "parent": {
                    "id": "53785",
                    "card_number": "4444555566663333",
                    "order_id": "297"
                },
                "reissue": {
                    "id": "87595",
                    "card_number": "4444555566668888",
                    "order_id": "486"
                },
                "registration": {
                    "first_name":"John",
                    "last_name":"Doe",
                    "address1":"123 Main Street",
                    "address2":"",
                    "city":"Anytown",
                    "state":"AZ",
                    "zip":"12312",
                    "email":"",
                    "mobile":"2389382182"
                },
                "full_registration": false,
                "promotions": {
                    "five_back_enabled": true
```

```
                }
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1024</transaction_id>
    <message>
        <card>
            <id>64402</id>
            <activated>1</activated>
            <activation_code/>
            <cc_number>4444555566667777</cc_number>
            <denomination>10</denomination>
            <hint/>
            <current_balance>0.00</current_balance>
            <reloadable>1</reloadable>
            <atm_access>0</atm_access>
            <atm_pin/>
            <card_pin/>
            <order>
                <id>355</id>
                <purchase_date>2011-08-26 13:08:35</purchase_date>
                <type>shopping</type>
            </order>
            <parent>
                <id>53785</id>
                <card_number>4444555566663333</card_number>
                <order_id>297</order_id>
            </parent>
            <reissue>
                <id>87595</id>
                <card_number>4444555566668888</card_number>
                <order_id>486</order_id>
            </reissue>
            <registration>
                <first_name>John</first_name>
                <last_name>Doe</last_name>
                <address1>123 Main Street</address1>
                <address2/>
                <city>Anytown</city>
                <state>AZ</state>
                <zip>12312</zip>
                <email/>
                <mobile>2389382182</mobile>
            </registration>
            <full_registration>0</full_registration>
            <promotions>
                <five_back_enabled>1</five_back_enabled>
            </promotions>
```

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```
        </card>
    </message>
</response>
```

## getReloadable

### *Description*

Get all card numbers belonging to the requesting client that are reloadable.

### *URL*

https://api.omnicard.com/2.x/cards/getReloadable.json
https://api.omnicard.com/2.x/cards/getReloadable.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

### *Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1028",
        "message": [
            "4444555566667777",
            "4444333322225555"
        ]
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1027</transaction_id>
    <message>
        <item>4444555566667777</item>
        <item>4444333322225555</item>
    </message>
</response>
```

## getTransactions

*Description*

Get transaction history for the specified card.
Virtual card transactions may also be retrieved using this method.
Retrieving transaction history for merchant eGift cards is not supported.

*URL*

https://api.omnicard.com/2.x/cards/getTransactions.json
https://api.omnicard.com/2.x/cards/getTransactions.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to get the transactions for. | -- |
| data[card_number] | integer | *Optional<br>The card number to get the transactions for. | -- |
| data[override_locale] | integer | Optional<br>Set to 1 to allow transactions for US cards to be returned. | -- |
| data[transactions_to_return] | integer | Optional<br>Number of days of transactions to return. By default all transactions are returned. | -- |

**\*Either data[card_id] or data[card_number] is required.**

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"235541",
        "message": [
            {
                "trans_result":"Completed OK",
                "auth_code":"536800",
                "settle_amount":"2.25",
                "merchant":"SUBWAY 00021014 PITTSBURGH PA",
                "amount":"2.25",
                "post_date":"11/14/2012",
```

```
                "account":"4444555566667777",
                "balance":"4.06"
            }
        ]
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1050</transaction_id>
    <message>
        <item>
            <trans_result>Completed OK</trans_result>
            <auth_code>536800</auth_code>
            <settle_amount>2.25</settle_amount>
            <merchant>SUBWAY 00021014 PITTSBURGH PA</merchant>
            <amount>-2.25</amount>
            <post_date>11/14/2012</post_date>
            <account>4444555566667777</account>
            <balance>4.06</balance>
        </item>
    </message>
</response>
```

## activate

*Description*

Activate the specified card.
Merchant eGift cards do not require activation.

*URL*

https://api.omnicard.com/2.x/cards/activate.json
https://api.omnicard.com/2.x/cards/activate.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to activate. | -- |

| data[card_number] | integer | *Optional<br>The card number to activate. | -- |
|---|---|---|---|
| data[activation_code] | string | Optional<br>The 4-digit activation code may be waived during ordering. If it was not, the activation code will be required to activate the card. | -- |

**\*Either data[card_id] or data[card_number] is required.**

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1021",
        "message": {
            "card_status":"ACTIVE"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1020</transaction_id>
    <message>
        <card_status>ACTIVE</card_status>
    </message>
</response>
```

## register

*Description*

Register the specified card.
Registration of merchant eGift cards is not supported.
*Note: Card registration no longer requires birth date and SSN.*

*URL*

https://api.omnicard.com/2.x/cards/register.json
https://api.omnicard.com/2.x/cards/register.xml

*Input Parameters*

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| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to register. | -- |
| data[card_number] | integer | *Optional<br>The card number to register. | -- |
| data[first_name] | string | Required<br>Cardholder's first name. | maximum 100 characters |
| data[last_name] | string | Required<br>Cardholder's last name. | maximum 100 characters |
| data[address1] | string | Required<br>Cardholder's address street (line 1). | maximum 150 characters |
| data[address2] | string | Optional<br>Cardholders address street (line 2). | maximum 100 characters |
| data[city] | string | Required<br>Cardholder's address city. | maximum 100 characters |
| data[state] | string | Required<br>Cardholder's address state. | 2 alphabetic characters |
| data[zip] | string | Required<br>Cardholder's address zip/postal code. | maximum 10 characters<br>valid US zip, US zip+4, or Canadian 6 character postal code |
| data[drivers_license] | string | Optional<br>Cardholder's driver's license number. | maximum 45 characters |
| data[email] | string | Optional<br>Cardholder's email address. | maximum 255 characters |
| data[mobile] | string | Required<br>Cardholder's phone number. | maximum 10 digits |

**\* Either data[card_id] or data[card_number] is required.**

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1047",
        "message": {
            "registration_id":"18"
        }
```

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```
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1046</transaction_id>
    <message>
        <registration_id>18</registration_id>
    </message>
</response>
```

## load

### *Description*

Load the specified one time load card, adding the specified amount. Note that if the amount specified exceeds the load limit on the card, you will receive a status 6001 response. The max_load_amount within the message portion of the response will specify the maximum amount you may pass in the amount parameter to load the card to its maximum limit.

### *URL*

https://api.omnicard.com/2.x/cards/load.json
https://api.omnicard.com/2.x/cards/load.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to load. | -- |
| data[card_number] | integer | *Optional<br>The card number to load. | -- |
| data[amount] | decimal | Required<br>The amount to load onto the card. | -- |
| data[payment_method] | string | Required<br>The payment method to pay for the load value and any applicable fees. Note that transactions made with check or wire payments will be placed into pending status. The | one of:<br>check<br>wire<br>fundsbank |

| | | requested funds will not be loaded onto the card until the receipt of payment is confirmed. | |
|---|---|---|---|
| data[account_id] | integer | Optional<br>ID of a fundsbank account to use for payment.<br>This is required when the fundsbank payment_method option is used. | -- |

**\*Either data[card_id] or data[card_number] is required.**

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1033",
        "message":"$50.00 has been loaded onto the card."
    }
}
```

**JSON (Error when card load limit is exceeded)**

```
{
    "response": {
        "status":6001,
        "transaction_id":"1034",
        "message": {
            "errors": [
                "Invalid amount."
            ],
            "min_load_amount": "0.00",
            "max_load_amount": "200.00"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1032</transaction_id>
    <message>$50.00 has been loaded onto the card.</message>
</response>
```

**XML (Error when card load limit is exceeded)**

```
<?xml version="1.0"?>
<response>
    <status>6001</status>
```

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```
    <transaction_id>1029</transaction_id>
    <message>
        <errors>
            <item>Invalid amount.</item>
        </errors>
        <min_load_amount>0.00</min_load_amount>
        <max_load_amount>200.00</max_load_amount>
    </message>
</response>
```

## reissue

### *Description*

Reissue the specified card. The specified card will be closed and the balance transferred to a new card, which will be shipped to the address provided in the shipping parameters.
Returns the reissue order id and card id when card is successfully submitted for reissue. Reissuing of eGift merchant cards is not supported.

### *URL*

https://api.omnicard.com/2.x/cards/reissue.json
https://api.omnicard.com/2.x/cards/reissue.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to reissue. | -- |
| data[card_number] | integer | *Optional<br>The card number of the card to reissue. | -- |
| data[shipping][delivery] | string | Required<br>Card will be shipped to the address provided in this request via the specified option.<br>Standard shipping fees apply. | US orders one of:<br>ups_next_day<br>ups_second_day<br>ups_ground<br>usps_first_class<br>usps_priority<br><br>CA orders one of:<br>ups_worldwide_saver<br>ups_standard |

| | | | usps_international_first_class usps_international_priority |
|---|---|---|---|
| data[shipping][company_name] | string | Optional Company name to include in recipient address. This is required when UPS shipping option is specified. | maximum 30 characters |
| data[shipping][first_name] | string | Optional First name for UPS shipping address. This is required when UPS shipping option is specified. | maximum 26 characters for shipping first name and last name combined |
| data[shipping][last_name] | string | Optional Last name for UPS shipping address. This is required when UPS shipping option is specified. | maximum 26 characters for shipping first name and last name combined |
| data[shipping][address1] | string | Required | maximum 30 characters |
| data[shipping][address2] | string | Optional | maximum 30 characters |
| data[shipping][city] | string | Required | maximum 18 characters |
| data[shipping][state] | string | Required | 2 alphabetic characters |
| data[shipping][zip] | string | Required | maximum 10 characters valid US zip, US zip+4, or Canadian 6 character postal code |
| data[options][payment_method] | string | Required **card:** The reissue and shipping fees will be deducted from the available card balance. **fundsbank:** The reissue and shipping fees will be deducted from the specified fundsbank account. | one of: card fundsbank |
| data[options][account_id] | integer | Optional ID of a fundsbank account to use for payment. This is required when the fundsbank payment_method option is used. | -- |

**\*Either data[card_id] or data[card_number] is required.**

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
```

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```
        "transaction_id": "33",
        "message": {
            "order_id": "862004",
            "card_id": "14227676"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>36</transaction_id>
    <message>
        <order_id>862006</order_id>
        <card_id>14227678</card_id>
    </message>
</response>
```

## setPin

### Description

Set the 4 digit PIN for the specified card.
This PIN may be used for debit transactions, and at ATM's for ATM enabled cards.
This service is only available for Visa/MC/Discover plastic cards.

### URL

https://api.omnicard.com/2.x/cards/setPin.json
https://api.omnicard.com/2.x/cards/setPin.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card to set the PIN. | -- |
| data[card_number] | integer | *Optional<br>The card number to set the PIN. | -- |
| data[pin] | integer | Required<br>A new 4-digit PIN to use with the card. | 4 digits |

**\*Either data[card_id] or data[card_number] is required.**

JSON

```
{
    "response": {
        "status": 1000,
        "transaction_id": "208",
        "message": {
            "pin": "1234"
        }
    }
}
```

XML

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>207</transaction_id>
    <message>
        <pin>1234</pin>
    </message>
</response>
```

## updateCardholder

### Description

Update the cardholder information at the card processor for the specified card.
Virtual card cardholder information may also be updated using this method.
Updating merchant eGift cardholder information is not supported.

### URL

https://api.omnicard.com/2.x/cards/updateCardholder.json
https://api.omnicard.com/2.x/cards/updateCardholder.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | *Optional<br>The ID of the card associated with the cardholder to update. | -- |

| | | | |
|---|---|---|---|
| data[card_number] | integer | *Optional<br>The card number associated with the cardholder to update. | -- |
| data[first_name] | string | Optional<br>Cardholder's first name. | maximum 100 characters |
| data[last_name] | string | Optional<br>Cardholder's last name. | maximum 100 characters |
| data[address1] | string | Optional<br>Cardholder's address street (line 1). | maximum 150 characters |
| data[address2] | string | Optional<br>Cardholders address street (line 2). | maximum 100 characters |
| data[city] | string | Optional<br>Cardholder's address city. | maximum 100 characters |
| data[state] | string | Optional<br>Cardholder's address state. | 2 alphabetic characters |
| data[zip] | string | Optional<br>Cardholder's address zip/postal code. | maximum 10 characters<br>valid US zip, US zip+4, or Canadian 6 character postal code |
| data[ssn] | integer | Optional<br>Cardholder's social security number. | 9 digits |
| data[birth_date] | string | Optional<br>Cardholder's date of birth. | valid date<br>format: YYYY-MM-DD |
| data[drivers_license] | string | Optional<br>Cardholder's driver's license number. | maximum 45 characters |
| data[email] | string | Optional<br>Cardholder's email address. | maximum 255 characters |
| data[mobile] | string | Optional<br>Cardholder's mobile phone number. | maximum 10 digits |

**\*Either data[card_id] or data[card_number] is required.**

### *Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1047",
        "message":"Cardholder data updated at processor."
    }
}
```

**XML**

```
<?xml version="1.0"?>
```

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```
<response>
    <status>1000</status>
    <transaction_id>1046</transaction_id>
    <message>
        Cardholder data updated at processor.
    </message>
</response>
```

# eGift Cards

## getCard

*Description*

Get details about the specified merchant eGift card.
Please note that Amazon eGifts do not support balance retrieval. Prior to order processing, card.balance will be the denomination set when the order was placed. After the order is processed, card.balance will be null.
The eGift card number, PIN and bar code data are available to be returned in the response with approval. Contact your sales representative for further details.

*URL*

https://api.omnicard.com/2.x/egiftCards/getCard.json
https://api.omnicard.com/2.x/egiftCards/getCard.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | Required<br>A card_id returned from a successful egiftOrders/addCard request. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "104",
        "message": {
            "card": {
                "id": "14179943",
                "recipient_email": "john.doe@domain.com",
```

```
                "recipient_name": "John Doe",
                "balance": "20",
                "code": "2139c296961dc48696090e255226fce2",
                "redemption_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2/c:jo
hn.doe%40domain.com",
                "challenge_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2",
                "merchant_code": "54385",
                "delivery": "email",
                "order": {
                    "id": "861900",
                    "purchase_date": "2015-05-06 14:58:12",
                    "status": "processed"
                },
                "brand": {
                    "id": "15681",
                    "name": "Airbnb"
                },
                "redemption_details": {
                    "activation_account_number": "9874389285930534548",
                    "security_code": null,
                    "bar_code_value": null
                }
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
            <recipient_email>john.doe@domain.com</recipient_email>
            <recipient_name>John Doe</recipient_name>
            <balance>20</balance>
            <code>2139c296961dc48696090e255226fce2</code>

<redemption_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e
255226fce2/c:john.doe%40domain.com</redemption_url>

<challenge_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e2
55226fce2</challenge_url>
            <merchant_code>54385</merchant_code>
            <delivery>email</delivery>
            <order>
                <id>861900</id>
                <purchase_date>2015-05-06 14:58:12</purchase_date>
                <status>processed</status>
            </order>
            <brand>
```

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```
            <id>15571</id>
            <name>aerie</name>
         </brand>
         <redemption_details>

<activation_account_number>9877891502713980211</activation_account_number>
            <security_code></security_code>
            <bar_code_value></bar_code_value>
         </redemption_details>
      </card>
   </message>
</response>
```

## sendEmail

### Description

Send a recipient redemption email for an existing merchant eGift card. Returns the card record on success, with updated recipient email.
Please see the egiftCards/getCard documentation for more details about the card information in this response.
Note that the email delivery option must have been used when this eGift was purchased, otherwise you will receive a 3003 error response status.

### URL

https://api.omnicard.com/2.x/egiftCards/sendEmail.json
https://api.omnicard.com/2.x/egiftCards/sendEmail.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | Required<br>A card_id returned from a successful egiftOrders/addCard request. | -- |
| data[email] | string | Optional<br>If omitted or empty, the email will be sent to the email address already associated with the merchant eGift card. The associated address is the "recipient_email" in the egiftCards/getCard response. If an email address is provided here, the associated email address will be updated and the email will be sent to this address. | valid email address |

### Sample Responses

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "104",
        "message": {
            "card": {
                "id": "14179943",
                "recipient_email": "john.doe@domain.com",
                "recipient_name": "John Doe",
                "balance": "20",
                "code": "2139c296961dc48696090e255226fce2",
                "redemption_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2/c:jo
hn.doe%40domain.com",
                "challenge_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2",
                "merchant_code": "54385",
                "delivery": "email",
                "order": {
                    "id": "861900",
                    "purchase_date": "2015-05-06 14:58:12",
                    "status": "processed"
                }
                "brand": {
                    "id": "15681",
                    "name": "Airbnb"
                },
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
            <recipient_email>john.doe@domain.com</recipient_email>
            <recipient_name>John Doe</recipient_name>
            <balance>20</balance>

<redemption_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e
255226fce2/c:john.doe%40domain.com</redemption_url>

<challenge_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e2
55226fce2</challenge_url>
            <merchant_code>54385</merchant_code>
            <delivery>email</delivery>
            <order>
                <id>861900</id>
                <purchase_date>2015-05-06 14:58:12</purchase_date>
```

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```
              <status>processed</status>
          </order>
          <brand>
              <id>15571</id>
              <name>aerie</name>
          </brand>
      </card>
    </message>
</response>
```

# Plastic Cards

## getCard

### Description

Get details about the specified plastic merchant card.

### URL

https://api.omnicard.com/2.x/plasticCards/getCard.json
https://api.omnicard.com/2.x/plasticCards/getCard.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | Required<br>A card_id returned from a successful plasticOrders/addCard request. | -- |

### Sample Responses

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "104",
        "message": {
            "card": {
                "id": "14179943",
                "load_value": "50",
                "merchant_code": "592",
                "merchant_template_id" :"1376",
                "delivery": "merchant_ups_next_day",
                "order": {
                    "id": "861900",
                    "purchase_date": "2015-05-06 14:58:12",
```

```
                "status": "processed"
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
            <balance>50</balance>
            <merchant_code>481</merchant_code>
            <merchant_tempalte_id>1376</merchant_template_id>
            <delivery>merchant_ups_next_day</delivery>
            <order>
                <id>861900</id>
                <purchase_date>2015-05-06 14:58:12</purchase_date>
                <status>processed</status>
            </order>
        </card>
    </message>
</response>
```

# Virtual Cards

## getCard

### *Description*

Get details about the specified virtual card.
The card.challenge_url is a recipient redemption URL that will prompt the recipient to enter their email address to redeem their eGift. The email address they enter must match the card.recipient_email (address currently associated with this virtual card). The card.redemption_url is a recipient redemption URL that will bypass the email challenge. The landing page will present the recipient with their virtual card information.

### *URL*

https://api.omnicard.com/2.x/virtualCards/getCard.json
https://api.omnicard.com/2.x/virtualCards/getCard.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | Required<br>A card_id returned from a successful virtualOrders/addCard request. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "104",
        "message": {
            "card": {
                "id": "14179943",
                "recipient_email": "john.doe@domain.com",
                "recipient_name": "John Doe",
                "balance": "20",
                "code": "2139c296961dc48696090e255226fce2",
                "redemption_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2/c:jo
hn.doe%40domain.com",
                "challenge_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2",
                "merchant_code": "798",
                "delivery": "email",
                "order": {
                    "id": "861900",
                    "purchase_date": "2015-05-06 14:58:12",
                    "status": "processed"
                }
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
            <recipient_email>john.doe@domain.com</recipient_email>
            <recipient_name>John Doe</recipient_name>
            <balance>20</balance>

<redemption_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e
255226fce2/c:john.doe%40domain.com</redemption_url>
```

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```
<challenge_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e2
55226fce2</challenge_url>
            <merchant_code>798</merchant_code>
            <delivery>email</delivery>
            <order>
                <id>861900</id>
                <purchase_date>2015-05-06 14:58:12</purchase_date>
                <status>processed</status>
            </order>
        </card>
    </message>
</response>
```

### sendEmail

*Description*

Send a recipient redemption email for an existing virtual card. Returns the card record
on success, with updated recipient email.

Please see the virtualCards/getCard documentation for more details about the card
information in this response.

Note that the email delivery option must have been used when this virtual card was
purchased, otherwise you will receive a 3003 error response status.

*URL*

https://api.omnicard.com/2.x/virtualCards/sendEmail.json
https://api.omnicard.com/2.x/virtualCards/sendEmail.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | Required<br>A card_id returned from a successful virtualOrders/addCard request. | -- |
| data[email] | string | Optional<br>If omitted or empty, the email will be sent to the email address already associated with the virtual card. The associated address is the "recipient_email" in the virtualCards/getCard response. If an email address is provided here, the associated email address will be updated and the email will be sent to this address. | valid email address |

*Sample Responses*

**JSON**

```json
{
    "response": {
        "status": 1000,
        "transaction_id": "104",
        "message": {
            "card": {
                "id": "14179943",
                "recipient_email": "john.doe@domain.com",
                "recipient_name": "John Doe",
                "balance": "20",
                "code": "2139c296961dc48696090e255226fce2",
                "redemption_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2/c:john.doe%40domain.com",
                "challenge_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2",
                "merchant_code": "798",
                "delivery": "email",
                "order": {
                    "id": "861900",
                    "purchase_date": "2015-05-06 14:58:12",
                    "status": "processed"
                }
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
            <recipient_email>john.doe@domain.com</recipient_email>
            <recipient_name>John Doe</recipient_name>
            <balance>20</balance>

<redemption_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2/c:john.doe%40domain.com</redemption_url>

<challenge_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2</challenge_url>
            <merchant_code>798</merchant_code>
            <delivery>email</delivery>
            <order>
                <id>861900</id>
                <purchase_date>2015-05-06 14:58:12</purchase_date>
                <status>processed</status>
            </order>
```

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```
            </card>
        </message>
</response>
```

# OmniCode Cards

## getCard

*Description*

Download details for a single order item (OmniCode).

*URL*

https://api.omnicard.com/2.x/omniCodeCards/getCard.json
https://api.omnicard.com/2.x/omniCodeCards/getCard.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[card_id] | integer | Required<br>A card_id returned from a successful omniCodeOrders/addCard request. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "262",
        "message": {
            "card": {
                "order_id": "867530",
                "order_status": "processed",
                "card_id": "14168269",
                "first_name": "Jim",
                "last_name": "Smith",
                "email": "jim@smith.com",
                "emboss_line2": "THANK YOU",
                "redemption_card_link":
"https://api.omnicard.com/2.x/egiftCards/getCard.json",
                "reward_type": "Gander Mountain eGift",
                "card_type": null,
                "activation_date": null,
```

```
                "registration_date": null,
                "card_number": null,
                "card_proxy": null,
                "redemption_code": "FJY68QY7RHNAJZB4",
                "denomination": "25.00",
                "redemption_date": "2015-04-23 11:10:32",
                "redemption_order_id": "867852",
                "redemption_card_id": "14179851"
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>263</transaction_id>
    <message>
        <card>
            <order_id>867530</order_id>
            <order_status>processed</order_status>
            <card_id>14168269</card_id>
            <first_name>Jim</first_name>
            <last_name>Smith</last_name>
            <email>jim@smith.com</email>
            <emboss_line2>THANK YOU</emboss_line2>

<redemption_card_link>https://api.omnicard.com/2.x/egiftCards/getCard.xml</re
demption_card_link>
            <reward_type>Gander Mountain eGift</reward_type>
            <card_type></card_type>
            <activation_date></activation_date>
            <registration_date></registration_date>
            <card_number></card_number>
            <card_proxy></card_proxy>
            <redemption_code>FJY68QY7RHNAJZB4</redemption_code>
            <denomination>25.00</denomination>
            <redemption_date>2015-04-23 11:10:32</redemption_date>
            <redemption_order_id>867852</redemption_order_id>
            <redemption_card_id>14179851</redemption_card_id>
        </card>
    </message>
</response>
```

## getCardByCode

*Description*

Download details for a single order item (OmniCode), using the 16 character redemption code.

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*URL*

https://api.omnicard.com/2.x/omniCodeCards/getCardByCode.json
https://api.omnicard.com/2.x/omniCodeCards/getCardByCode.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[code] | string | Required<br>16 character code returned from a successful omniCodeOrders/addCard request. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "262",
        "message": {
            "card": {
                "order_id": "867530",
                "order_status": "processed",
                "card_id": "14168269",
                "first_name": "Jim",
                "last_name": "Smith",
                "email": "jim@smith.com",
                "emboss_line2": "THANK YOU",
                "redemption_card_link":
"https://api.omnicard.com/2.x/egiftCards/getCard.json",
                "reward_type": "Gander Mountain eGift",
                "card_type": null,
                "activation_date": null,
                "registration_date": null,
                "card_number": null,
                "card_proxy": null,
                "redemption_code": "FJY68QY7RHNAJZB4",
                "denomination": "25.00",
                "redemption_date": "2015-04-23 11:10:32",
                "redemption_order_id": "867852",
                "redemption_card_id": "14179851"
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>263</transaction_id>
    <message>
        <card>
            <order_id>867530</order_id>
            <order_status>processed</order_status>
            <card_id>14168269</card_id>
            <first_name>Jim</first_name>
            <last_name>Smith</last_name>
            <email>jim@smith.com</email>
            <emboss_line2>THANK YOU</emboss_line2>

<redemption_card_link>https://api.omnicard.com/2.x/egiftCards/getCard.xml</redemption_card_link>
            <reward_type>Gander Mountain eGift</reward_type>
            <card_type></card_type>
            <activation_date></activation_date>
            <registration_date></registration_date>
            <card_number></card_number>
            <card_proxy></card_proxy>
            <redemption_code>FJY68QY7RHNAJZB4</redemption_code>
            <denomination>25.00</denomination>
            <redemption_date>2015-04-23 11:10:32</redemption_date>
            <redemption_order_id>867852</redemption_order_id>
            <redemption_card_id>14179851</redemption_card_id>
        </card>
    </message>
</response>
```

### sendEmail

*Description*

Send a recipient redemption email for the specified OmniCodes reward. Optionally, updates the email address the reward will be sent to.

*URL*

https://api.omnicard.com/2.x/omniCodeCards/sendEmail.json
https://api.omnicard.com/2.x/omniCodeCards/sendEmail.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

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| | | | |
|---|---|---|---|
| data[card_id] | integer | Required<br>A card_id returned from a successful<br>omniCodeOrders/addCard request. | -- |
| data[email] | string | Optional<br>New email address to send email to. | Must be a valid email address. |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "265",
        "message": {
            "card": {
                "order_id": "867530",
                "order_status": "processed",
                "card_id": "14168269",
                "first_name": "Jim",
                "last_name": "Smith",
                "email": "jim@smith.com",
                "emboss_line2": "THANK YOU",
                "redemption_card_link": null,
                "reward_type": null,
                "card_type": null,
                "activation_date": null,
                "registration_date": null,
                "card_number": null,
                "card_proxy": null,
                "redemption_code": "FJY68QY7RHNAJZB4",
                "denomination": "25.00",
                "redemption_date": null,
                "redemption_order_id": null,
                "redemption_card_id": null
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>266</transaction_id>
    <message>
        <card>
            <order_id>867530</order_id>
            <order_status>processed</order_status>
            <card_id>14168269</card_id>
            <first_name>Jim</first_name>
            <last_name>Smith</last_name>
```

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```
                <email>jim@smith.com</email>
                <emboss_line2>THANK YOU</emboss_line2>
                <redemption_card_link></redemption_card_link>
                <reward_type></reward_type>
                <card_type></card_type>
                <activation_date></activation_date>
                <registration_date></registration_date>
                <card_number></card_number>
                <card_proxy></card_proxy>
                <redemption_code>FJY68QY7RHNAJZB4</redemption_code>
                <denomination>25.00</denomination>
                <redemption_date></redemption_date>
                <redemption_order_id></redemption_order_id>
                <redemption_card_id></redemption_card_id>
            </card>
        </message>
</response>
```

# Virtual Cards

## getByCode

### *Description*

Get information about the specified virtual card.

### *URL*

https://api.omnicard.com/2.x/virtualCards/getByCode.json
https://api.omnicard.com/2.x/virtualCards/getByCode.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[code] | string | Required<br>The code for the card to get details about. The code is in the virtualOrders/addCard response. | -- |
| data[order_id] | integer | Optional<br>The ID of the order the card was purchased on. | -- |

### *Sample Responses*

**JSON**

```
{
```

```
    "response": {
        "status": 1000,
        "transaction_id": "355",
        "message": {
            "card": {
                "id": "14179837",
                "card_number": 5555444433338888,
                "cvn": 348,
                "activation_code": "1234",
                "code": "4ea1318d35e0a178452b142df4a25ac0",
                "activated": "0",
                "expiration_date": "2016-03-31",
                "denomination": "20.00",
                "current_balance": 20.34,
                "order": {
                    "id": "861829",
                    "purchase_date": "2015-03-21 10:46:07"
                },
                "brand": "visa",
                "registration_id": 3512,
                "Registration": {
                    "first_name": "John",
                    "last_name": "Doe",
                    "address1": "123 Main Street",
                    "address2": null,
                    "city": "Anytown",
                    "state": "AZ",
                    "zip": "12312"
                }
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>356</transaction_id>
    <message>
        <card>
            <id>14179837</id>
            <card_number>5555444433338888</card_number>
            <cvn>348</cvn>
            <activation_code>1234</activation_code>
            <code>4ea1318d35e0a178452b142df4a25ac0</code>
            <activated>0</activated>
            <expiration_date>2016-03-31</expiration_date>
            <denomination>20.00</denomination>
            <current_balance>20.34</current_balance>
            <order>
                <id>861829</id>
                <purchase_date>2015-04-21 10:46:07</purchase_date>
            </order>
```

```
            <brand>visa</brand>
            <registration_id>3512</registration_id>
            <registration>
                <first_name>John</first_name>
                <last_name>Doe</last_name>
                <address1>123 Main Street</address1>
                <address2></address2>
                <city>Anytown</city>
                <state>AZ</state>
                <zip>12312</zip>
            </registration>
        </card>
    </message>
</response>
```

# Order Options

## getMerchant

### Description

Get details about the specified merchant that may be used for ordering merchant eGift cards.

If the denominations field in the response is not empty, it will be an array of allowable denomination values. Each card denomination MUST match one of those allowable values. If denominations is empty, the denomination of each card may be any value that falls within the min_denomination to max_denomination range.

### URL

https://api.omnicard.com/2.x/orderOptions/getMerchant.json
https://api.omnicard.com/2.x/orderOptions/getMerchant.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[merchant_code] | string | Required<br>A merchant code returned from orderOptions/getMerchants. | valid and active merchant code |

### Sample Responses

**JSON**

```json
{
    "response": {
        "status": 1000,
        "transaction_id": "51",
        "message": {
            "merchant": {
                "code": "45684",
                "name": "Columbia Sportswear",
                "min_denomination": "5",
                "max_denomination": "500",
                "denominations": [],
                "templates": [
                    {
                        "id": "DBT3BY6K5",
                        "text_color": "black",
                        "preview_url":
"https://d12eobaimzi14r.cloudfront.net/faceplates/DBT3BY6K5/PREVIEW-2.jpg"
                    },
                    {
                        "id": "DBW6M4XMS",
                        "text_color": "black",
                        "preview_url":
"https://d12eobaimzi14r.cloudfront.net/faceplates/DBW6M4XMS/PREVIEW-1.jpg"
                    }
                ]
            }
        }
    }
}
```

**JSON (with specific denominations)**

```json
{
    "response": {
        "status": 1000,
        "transaction_id": "55",
        "message": {
            "merchant": {
                "code": "26526",
                "name": "Omaha Steaks",
                "min_denomination": "25",
                "max_denomination": "500",
                "denominations": [
                    "25",
                    "50",
                    "75",
                    "100",
                    "250",
                    "500"
                ],
                "templates": [
                    {
                        "id": "DDFCV7578",
                        "text_color": "black",
                        "preview_url":
"https://d12eobaimzi14r.cloudfront.net/faceplates/DDFCV7578/PREVIEW-1.jpeg"
```

```
                    }
                ]
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>52</transaction_id>
    <message>
        <merchant>
            <code>45684</code>
            <name>Columbia Sportswear</name>
            <min_denomination>5</min_denomination>
            <max_denomination>500</max_denomination>
            <denominations></denominations>
            <templates>
                <item>
                    <id>75654</id>
                    <text_color>black</text_color>

<preview_url>https://d12eobaimzi14r.cloudfront.net/faceplates/DBT3BY6K5/PREVI
EW-2.jpg</preview_url>
                </item>
                <item>
                    <id>74585</id>
                    <text_color>black</text_color>

<preview_url>https://d12eobaimzi14r.cloudfront.net/faceplates/DBW6M4XMS/PREVI
EW-1.jpg</preview_url>
                </item>
            </templates>
        </merchant>
    </message>
</response>
```

**XML (with specific denominations)**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>54</transaction_id>
    <message>
        <merchant>
            <code>26526</code>
            <name>Omaha Steaks</name>
            <min_denomination>25</min_denomination>
            <max_denomination>500</max_denomination>
            <denominations>
                <item>25</item>
```

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```
                <item>50</item>
                <item>75</item>
                <item>100</item>
                <item>250</item>
                <item>500</item>
            </denominations>
            <templates>
                <item>
                    <id>71288</id>
                    <text_color>black</text_color>
<preview_url>https://d12eobaimzi14r.cloudfront.net/faceplates/DDFCV7578/PREVI
EW-1.jpeg</preview_url>
                </item>
            </templates>
        </merchant>
    </message>
</response>
```

## getMerchants

*Description*

Get a listing of all active eGift merchants available for purchase.

*URL*

https://api.omnicard.com/2.x/orderOptions/getMerchants.json
https://api.omnicard.com/2.x/orderOptions/getMerchants.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "49",
        "message": [
            {
                "merchant": {
                    "code": "78555",
                    "name": "Alamo Drafthouse Cinema",
```

```
                "logo": "//e870cfe4b60e0ee059e6-
255af679d99329b12de7149087702e5c.ssl.cf2.rackcdn.com/cashstar/virtual_gift_lo
go_CS-ALAMODRAFTHOUSE.jpg"
                }
            },
            {
                "merchant": {
                    "code": "75999",
                    "name": "AllPosters.com",
                    "logo": "//e870cfe4b60e0ee059e6-
255af679d99329b12de7149087702e5c.ssl.cf2.rackcdn.com/cashstar/virtual_gift_lo
go_CS-ALLPOSTERS.jpg"
                }
            },
            {
                "merchant": {
                    "code": "48688",
                    "name": "Amazon.com",
                    "logo": "//e870cfe4b60e0ee059e6-
255af679d99329b12de7149087702e5c.ssl.cf2.rackcdn.com/cashstar/virtual_gift_lo
go_amazon.jpg"
                }
            }
        ]
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>50</transaction_id>
    <message>
        <item>
            <merchant>
                <code>78555</code>
                <name>Alamo Drafthouse Cinema</name>
                <logo>//e870cfe4b60e0ee059e6-
255af679d99329b12de7149087702e5c.ssl.cf2.rackcdn.com/cashstar/virtual_gift_lo
go_CS-ALAMODRAFTHOUSE.jpg</logo>
            </merchant>
        </item>
        <item>
            <merchant>
                <code>75999</code>
                <name>AllPosters.com</name>
                <logo>//e870cfe4b60e0ee059e6-
255af679d99329b12de7149087702e5c.ssl.cf2.rackcdn.com/cashstar/virtual_gift_lo
go_CS-ALLPOSTERS.jpg</logo>
            </merchant>
        </item>
        <item>
            <merchant>
                <code>48688</code>
```

```
                    <name>Amazon.com</name>
                    <logo>//e870cfe4b60e0ee059e6-
255af679d99329b12de7149087702e5c.ssl.cf2.rackcdn.com/cashstar/virtual_gift_lo
go_amazon.jpg</logo>
                </merchant>
            </item>
        </message>
</response>
```

## getPlasticMerchant

### Description

Get details about the specified merchant that may be used for ordering plastic cards.

If the denominations field in the response is not empty, it will be an array of allowable denomination values. Each card denomination MUST match one of those allowable values. If denominations is empty, the denomination of each card may be any value that falls within the min_denomination to max_denomination range.

### URL

https://api.omnicard.com/2.x/orderOptions/getPlasticMerchant.json
https://api.omnicard.com/2.x/orderOptions/getPlasticMerchant.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[merchant_code] | string | Required<br>A merchant code returned from orderOptions/getPlasticMerchants. | valid and active merchant code |

### Sample Responses

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "51",
        "message": {
            "merchant": {
                "code": "35861",
                "name": "AMC Gift Card",
```

```
                "min_denomination": "15",
                "max_denomination": "100",
                "denominations": [],
                "templates": [
                    {
                        "id": "48089",
                        "text_color": "black",
                        "preview_url":
"https://content.giftcardmall.com/gcmimages/product/large/3077.jpg"
                    },
                    {
                        "id": "48091",
                        "text_color": "black",
                        "preview_url":
"https://content.giftcardmall.com/gcmimages/product/large/1209.jpg"
                    }
                ]
            }
        }
    }
}
```

**JSON (with specific denominations)**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "55",
        "message": {
            "merchant": {
                "code": "36431",
                "name": "AEROPOSTALE",
                "min_denomination": "25",
                "max_denomination": "50",
                "denominations": [
                    "25",
                    "50"
                ],
                "templates": [
                    {
                        "id": "49383",
                        "text_color": "black",
                        "preview_url": "https://ef2e36e01cb6ed771dca-
03d2f46595b2144e6b5a2cdc249f82e4.ssl.cf2.rackcdn.com/svm/plastic_gift_logo_SV
M-AEROPOSTALE.jpg"
                    }
                ]
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
```

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```xml
<response>
    <status>1000</status>
    <transaction_id>52</transaction_id>
    <message>
        <merchant>
            <code>35861</code>
            <name>AMC Gift Card</name>
            <min_denomination>15</min_denomination>
            <max_denomination>100</max_denomination>
            <denominations></denominations>
            <templates>
                <item>
                    <id>48089</id>
                    <text_color>black</text_color>

<preview_url>https://content.giftcardmall.com/gcmimages/product/large/3077.jp
g</preview_url>
                </item>
                <item>
                    <id>48091</id>
                    <text_color>black</text_color>

<preview_url>https://content.giftcardmall.com/gcmimages/product/large/1209.jp
g</preview_url>
                </item>
            </templates>
        </merchant>
    </message>
</response>
```

**XML (with specific denominations)**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>54</transaction_id>
    <message>
        <merchant>
            <code>36431</code>
            <name>AEROPOSTALE</name>
            <min_denomination>25</min_denomination>
            <max_denomination>50</max_denomination>
            <denominations>
                <item>25</item>
                <item>50</item>
            </denominations>
            <templates>
                <item>
                    <id>49383</id>
                    <text_color>black</text_color>
                    <preview_url>https://ef2e36e01cb6ed771dca-
03d2f46595b2144e6b5a2cdc249f82e4.ssl.cf2.rackcdn.com/svm/plastic_gift_logo_SV
M-AEROPOSTALE.jpg</preview_url>
                </item>
            </templates>
```

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```
        </merchant>
    </message>
</response>
```

## getPlasticMerchants

### *Description*

Get a listing of all active plastic merchants available for purchase.

### *URL*

https://api.omnicard.com/2.x/orderOptions/getPlasticMerchants.json
https://api.omnicard.com/2.x/orderOptions/getPlasticMerchants.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

### *Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "49",
        "message": [
            {
                "merchant": {
                    "code": "36431",
                    "name": "AEROPOSTALE",
                    "logo": "https://ef2e36e01cb6ed771dca-
03d2f46595b2144e6b5a2cdc249f82e4.ssl.cf2.rackcdn.com/svm/plastic_gift_logo_SV
M-AEROPOSTALE.jpg"
                }
            },
            {
                "merchant": {
                    "code": "35861",
                    "name": "AMC Gift Card",
                    "logo":
"https://content.giftcardmall.com/gcmimages/product/large/3077.jpg"
                }
            }
        ]
    }
}
```

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>50</transaction_id>
    <message>
        <item>
            <merchant>
                <code>36431</code>
                <name>AEROPOSTALE</name>
                <logo>https://ef2e36e01cb6ed771dca-
03d2f46595b2144e6b5a2cdc249f82e4.ssl.cf2.rackcdn.com/svm/plastic_gift_logo_SV
M-AEROPOSTALE.jpg</logo>
            </merchant>
        </item>
        <item>
            <merchant>
                <code>35861</code>
                <name>AMC Gift Card</name>

<logo>https://content.giftcardmall.com/gcmimages/product/large/3077.jpg</logo
>
            </merchant>
        </item>
    </message>
</response>
```

## getVirtualMerchant

### Description

Get details about the specified virtual merchant that may be used for ordering virtual cards.

If the denominations field in the response is not empty, it will be an array of allowable denomination values. Each card denomination MUST match one of those allowable values. If denominations is empty, the denomination of each card may be any value that falls within the min_denomination to max_denomination range.

### URL

https://api.omnicard.com/2.x/orderOptions/getVirtualMerchant.json
https://api.omnicard.com/2.x/orderOptions/getVirtualMerchant.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[merchant_code] | string | Required<br>A merchant code returned from<br>orderOptions/getVirtualMerchants. | valid and active merchant code |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "51",
        "message": {
            "merchant": {
                "code": "36219",
                "name": "Visa 12 Month $0-750",
                "min_denomination": "5",
                "max_denomination": "750",
                "denominations": [],
                "templates": [
                    {
                        "id": "48985",
                        "text_color": "black",
                        "preview_url": "https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_visa_logo.
jpg"
                    }
                ]
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>52</transaction_id>
    <message>
        <merchant>
            <code>36219</code>
            <name>Visa 12 Month $0-750</name>
            <min_denomination>5</min_denomination>
            <max_denomination>750</max_denomination>
            <denominations></denominations>
            <templates>
                <item>
                    <id>48985</id>
                    <text_color>black</text_color>
```

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```
                    <preview_url>https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_visa_logo.
jpg</preview_url>
                </item>
            </templates>
        </merchant>
    </message>
</response>
```

## getVirtualMerchants

*Description*

Get a listing of all active virtual merchants available for purchase.

*URL*

https://api.omnicard.com/2.x/orderOptions/getVirtualMerchants.json
https://api.omnicard.com/2.x/orderOptions/getVirtualMerchants.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "49",
        "message": [
            {
                "merchant": {
                    "code": "36951",
                    "name": "MC 12 Month Virtual Reward",
                    "logo": "https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_mastercard
_logo.jpg"
                }
            },
            {
                "merchant": {
                    "code": "36949",
                    "name": "MC 6 Month Virtual Reward",
```

```
                "logo": "https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_mastercard
_logo.jpg"
            }
        },
        {
            "merchant": {
                "code": "36219",
                "name": "Visa 12 Month $0-750",
                "logo": "https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_visa_logo.
jpg"
            }
        }
    ]
  }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>50</transaction_id>
    <message>
        <item>
            <merchant>
                <code>36951</code>
                <name>MC 12 Month Virtual Reward</name>
                <logo>https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_mastercard
_logo.jpg</logo>
            </merchant>
        </item>
        <item>
            <merchant>
                <code>36949</code>
                <name>MC 6 Month Virtual Reward</name>
                <logo>https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_mastercard
_logo.jpg</logo>
            </merchant>
        </item>
        <item>
            <merchant>
                <code>36219</code>
                <name>Visa 12 Month $0-750</name>
                <logo>https://dca63207795f5f80ce60-
6ccb201fe2c97fe2f6941c803aa0e29f.ssl.cf2.rackcdn.com/logos/virtual_visa_logo.
jpg</logo>
            </merchant>
        </item>
    </message>
</response>
```

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### getPrograms

*Description*

Retrieve information about all programs available for ordering.

A program must be used when ordering traditional plastic cards using the Orders service or when ordering OmniCodes using the OmniCode Orders service. When beginning an order, a program id returned in this API response must be passed to the start method. Programs are not used when ordering merchant eGift cards or virtual cards.

*URL*

https://api.omnicard.com/2.x/orderOptions/getPrograms.json
https://api.omnicard.com/2.x/orderOptions/getPrograms.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[exclude_virtual] | boolean | Optional<br>Defaults to false, pass true to exclude virtual programs from the result. | -- |
| data[exclude_physical] | boolean | Optional<br>Defaults to false, pass true to exclude physical (plastic card) programs from the result. | -- |
| data[exclude_omnicode] | boolean | Optional<br>Defaults to false, pass true to exclude OmniCode programs from the result. | -- |

*Sample Responses*

**JSON**

```
{
  "response": {
    "status": 1000,
    "transaction_id": "327",
    "message": [
      {
        "program": {
          "id": "1515",
          "name": "Reload Test Program",
          "type": "Card Program",
```

```
        "card_style": "WRL Corp Reward Reload TEST",
        "card_style_type": "cobrand",
        "brand": "Visa",
        "program": {
          "name": "Corp 12 Month - No Fees - Reloadable (Nonreloadable)",
          "reloadable": "1",
          "atm_access": "0",
          "expiration_term": "12"
        },
        "carrier": {
          "name": "Visa 12 Month ",
          "type": "carrier",
          "cost": "0.00"
        },
        "card_style_selections": [],
        "denominations": []
      }
    },
    {
      "program": {
        "id": "1609",
        "name": "Way to Go Visa 12",
        "type": "Card Program",
        "card_style": "Way To Go!",
        "card_style_type": "predesign",
        "brand": "Visa",
        "program": {
          "name": "Visa 12 Month $2500",
          "reloadable": "0",
          "atm_access": "0",
          "expiration_term": "12"
        },
        "carrier": {
          "name": "Way To Go",
          "type": "greetingcard",
          "cost": "1.00"
        },
        "card_style_selections": [],
        "denominations": []
      }
    },
    {
      "program": {
        "id": "1613",
        "name": "OmniCode Balloons & Gifts",
        "type": "OmniCodes Program",
        "card_style": null,
        "card_style_type": null,
        "brand": null,
        "program": {
          "name": null,
          "reloadable": null,
          "atm_access": null,
          "expiration_term": null
        },
        "carrier": {
          "name": null,
```

```
              "type": null,
              "cost": null
            },
          "card_style_selections": [
            "Balloons",
            "Columbia Sportswear eGift",
            "Omaha Steaks eGift"
          ],
          "denominations": {
            "min": 25,
            "max": 500,
            "values": [
              25,
              50,
              75,
              100,
              250,
              500
            ]
          }
        }
      }
    ]
  }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>328</transaction_id>
    <message>
        <item>
            <program>
                <id>1515</id>
                <name>Reload Test Program</name>
                <type>Card Program</type>
                <card_style>WRL Corp Reward Reload TEST</card_style>
                <card_style_type>cobrand</card_style_type>
                <brand>Visa</brand>
                <program>
                    <name>Corp 12 Month - No Fees - Reloadable
(Nonreloadable)</name>
                    <reloadable>1</reloadable>
                    <atm_access>0</atm_access>
                    <expiration_term>12</expiration_term>
                </program>
                <carrier>
                    <name>Visa 12 Month </name>
                    <type>carrier</type>
                    <cost>0.00</cost>
                </carrier>
                <card_style_selections></card_style_selections>
                <denominations></denominations>
```

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```xml
            </program>
        </item>
        <item>
            <program>
                <id>1609</id>
                <name>Way to Go Visa 12</name>
                <type>Card Program</type>
                <card_style>Way To Go!</card_style>
                <card_style_type>predesign</card_style_type>
                <brand>Visa</brand>
                <program>
                    <name>Visa 12 Month $2500</name>
                    <reloadable>0</reloadable>
                    <atm_access>0</atm_access>
                    <expiration_term>12</expiration_term>
                </program>
                <carrier>
                    <name>Way To Go</name>
                    <type>greetingcard</type>
                    <cost>1.00</cost>
                </carrier>
                <card_style_selections></card_style_selections>
                <denominations></denominations>
            </program>
        </item>
        <item>
            <program>
                <id>1613</id>
                <name>OmniCode Balloons & Gifts</name>
                <type>OmniCodes Program</type>
                <card_style></card_style>
                <card_style_type></card_style_type>
                <brand></brand>
                <program>
                    <name></name>
                    <reloadable></reloadable>
                    <atm_access></atm_access>
                    <expiration_term></expiration_term>
                </program>
                <carrier>
                    <name></name>
                    <type></type>
                    <cost></cost>
                </carrier>
                <card_style_selections>
                    <item>Balloons</item>
                    <item>Columbia Sportswear eGift</item>
                    <item>Omaha Steaks eGift</item>
                </card_style_selections>
                <denominations>
                    <min>25</min>
                    <max>500</max>
                    <values>
                        <item>25</item>
                        <item>50</item>
                        <item>75</item>
                        <item>100</item>
```

```
                <item>250</item>
                <item>500</item>
             </values>
          </denominations>
        </program>
      </item>
    </message>
</response>
```

## getEndClients

*Description*

Retrieve information about all active End Clients so that orders can be attributed to the appropriate end client.

An End Client is a client of a Partner client. Banking regulations require the identification of the End Client for every order that the Partner places on behalf of the End Client.

*URL*

https://api.omnicard.com/2.x/orderOptions/getEndClients.json
https://api.omnicard.com/2.x/orderOptions/getEndClients.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

*Sample Responses*

**JSON**

```
{
  "response": {
    "status": 1000,
    "transaction_id": "327",
    "message": [
      {
        "end_client": {
          "id": "123",
          "name": "Acme Client",
        }
      },
      {
        "end_client": {
          "id": "456",
          "name": "Company, Inc.",
```

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```
            }
        }
    ]
  }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>328</transaction_id>
    <message>
        <item>
            <end_client>
                <id>123</id>
                <name>Acme Client</name>
            </end_client>
        </item>
        <item>
            <end_client>
                <id>456</id>
                <name>Company, Inc.</name>
            </end_client>
        </item>
    </message>
</response>
```

# Orders

### getOrder

***Description***

Get details about the specified order. In addition to getting details about standard physical card orders, this method may be used to request details about merchant eGift and virtual card orders as well.

After placing an eGift or Virtual order, this endpoint may be periodically polled to check if the order has completed processing. Once the order status is "processed" the eGift and Virtual redemption links will be available for distribution.

***URL***

https://api.omnicard.com/2.x/orders/getOrder.json
https://api.omnicard.com/2.x/orders/getOrder.xml

***Input Parameters***

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| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>An ID of a previously placed order which can be retrieved via orders/getOrders. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1342",
        "message": {
            "order": {
                "id":"343",
                "date_submitted":"2011-08-24 08:23:09",
                "date_approved":"2011-08-24 09:18:30",
                "date_processed":null,
                "date_cancelled":null,
                "date_shipped":null,
                "total_amount":"97.38",
                "total_cards":"2",
                "total_codes":"0",
                "status":"processing",
                "tracking_number":null,
                "digital_signature":"John Doe",
                "signed_date":"0000-00-00 00:00:00",
                "shipping_method":"USPS - To Recipient",
                "submitted_by":"John Doe",
                "reloadable":0,
                "payment_type":"Wire",
                "order_payment":null
            }
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>1343</transaction_id>
    <message>
        <order>
            <id>343</id>
            <date_submitted>2011-08-24 08:23:09</date_submitted>
            <date_approved>2011-08-24 09:18:30</date_approved>
            <date_processed/>
```

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```
            <date_cancelled/>
            <date_shipped/>
            <total_amount>97.38</total_amount>
            <total_cards>2</total_cards>
            <total_codes>0</total_codes>
            <status>processing</status>
            <tracking_number/>
            <digital_signature>John Doe</digital_signature>
            <signed_date>0000-00-00 00:00:00</signed_date>
            <shipping_method>USPS - To Recipient</shipping_method>
            <submitted_by>John Doe</submitted_by>
            <reloadable>0</reloadable>
            <payment_type>Wire</payment_type>
            <order_payment/>
        </order>
    </message>
</response>
```

## getOrders

### *Description*

Get summary information about all of the orders in the client account.

### *URL*

https://api.omnicard.com/2.x/orders/getOrders.json
https://api.omnicard.com/2.x/orders/getOrders.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

### *Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1341",
        "message": [
            {
                "order": {
                    "id":"343",
                    "status":"processing",
                    "total_cards":"2",
                    "total_codes":"0",
```

```
                "total_amount":"97.38",
                "created":"2011-08-24 08:23:09"
            }
        },
        {
            "order": {
                "id":"355",
                "status":"processing",
                "total_cards":"1",
                "total_codes":"0",
                "total_amount":"22.05",
                "created":"2011-08-26 13:08:35"
            }
        },
        {
            "order": {
                "id":"358",
                "status":"cancelled",
                "total_cards":"1",
                "total_codes":"0",
                "total_amount":"54.15",
                "created":"2011-08-29 10:08:47"
            }
        }
    ]
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
        <status>1000</status>
        <transaction_id>1340</transaction_id>
        <message>
                <item>
                        <order>
                                <id>343</id>
                                <status>processed</status>
                                <total_cards>2</total_cards>
                                <total_codes>0</total_codes>
                                <total_amount>97.38</total_amount>
                                <created>2011-08-24 08:23:09</created>
                        </order>
                </item>
                <item>
                        <order>
                                <id>355</id>
                                <status>processing</status>
                                <total_cards>1</total_cards>
                                <total_codes>0</total_codes>
                                <total_amount>22.05</total_amount>
                                <created>2011-08-26 13:08:35</created>
                        </order>
                </item>
```

```
            <item>
                <order>
                    <id>358</id>
                    <status>cancelled</status>
                    <total_cards>1</total_cards>
                    <total_codes>0</total_codes>
                    <total_amount>54.15</total_amount>
                    <created>2011-08-29 10:08:47</created>
                </order>
            </item>
    </message>
</response>
```

## start

### Description

Begin a new order. The order_id returned in this response is required on all subsequent requests to orders/addCard and orders/complete.

### URL

https://api.omnicard.com/2.x/orders/start.json
https://api.omnicard.com/2.x/orders/start.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[program_id] | integer | Required<br>A valid program id returned from orderOptions/getPrograms. | -- |
| data[end_client_id] | integer | *Optional<br>A valid end client ID returned from orderOptions/getEndClients. Leave blank to order for self. | -- |
| data[shipping][delivery] | string | Required<br>**usps:** cards will be shipped individually to the card recipients. The recipient's delivery information must be supplied with each request to orders/addCard. The shipping address information supplied in this | US orders one of:<br>ups_next_day<br>ups_second_day<br>ups_ground<br>usps_first_class<br>usps_priority<br><br>CA orders one of:<br>ups_worldwide_saver |

| | | | (Canada)<br>ups_standard (Canada)<br>ups_next_day (US)<br>ups_second_day (US)<br>ups_ground (US)<br>usps_international_first_class<br>usps_international_priority |
|---|---|---|---|
| | | request will be used as return address information on the card envelopes. **UPS:** all cards will be shipped in a single package to the shipping address specified in this request. Canadian UPS orders may ship to the US or Canada, country will be determined based on the chosen delivery method. | |
| data[shipping][company_name] | string | Required | maximum 30 characters |
| data[shipping][first_name] | string | Required | maximum 26 characters for shipping first name and last name combined |
| data[shipping][last_name] | string | Required | maximum 26 characters for shipping first name and last name combined |
| data[shipping][address1] | string | Required | maximum 30 characters |
| data[shipping][address2] | string | Optional | maximum 30 characters |
| data[shipping][city] | string | Required | maximum 18 characters |
| data[shipping][state] | string | Required | 2 alphabetic characters |
| data[shipping][zip] | string | Required | maximum 10 characters valid US zip, US zip+4, or Canadian 6 character postal code |
| data[options][carrier_from] | string | Optional<br>Name to appear in the "From" field of the carrier. If not supplied the company name of the authenticated user will be used. | maximum 16 characters |
| data[options][special_instructions] | string | Optional<br>Special instructions to accompany this order. This information is available to OmniCard customer support, should your recipient call needing assistance. | -- |
| data[options][remove_activation_label] | integer | Deprecated<br>This option is no longer supported and will be ignored if provided. | -- |
| data[options][activation_type] | string | Optional<br>**required:** (recommended)<br>The cardholder is required | one of:<br>required<br>not_required |

| | | | |
|---|---|---|---|
| | | to activate the card by phone or on website prior to use.<br>**not_required:** The cards are sent active and can be used immediately.<br>Default value is "required". | |
| data[options][reload_fees] | string | Optional<br>Indicates whether you would like reloadable card fees for this order, to be billed monthly or upfront (default is monthly). Only applicable when ordering reloadable cards. | one of:<br>monthly<br>upfront |

**\*data[end_client_id] required only for Partner clients that order on the behalf of End Clients.**

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1363",
        "message": {
            "order_id":"338639"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
        <status>1000</status>
        <transaction_id>1363</transaction_id>
        <message>
                <order_id>338639</order_id>
        </message>
</response>
```

## addCard

*Description*

Add a card to an order.

*URL*

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https://api.omnicard.com/2.x/orders/addCard.json
https://api.omnicard.com/2.x/orders/addCard.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>A valid order id returned from<br>orders/start. | -- |
| data[card][denomination] | decimal | Required<br>Initial value of the card. | maximum card value allowed varies based on the card program selected, generally 750.00 - 1500.00 |
| data[card][emboss_line1] | string | Required<br>First line to print on the card. Generally the card recipient's name. | maximum 21 characters allows alphanumeric, space, hyphen, and period |
| data[card][emboss_line2] | string | Required<br>Second line to print on card. | maximum 18 characters allows alphanumeric, space, hyphen, and period |
| data[card][carrier_to] | string | Required<br>Card recipient's name. | maximum 18 characters and must contain at least two words separated by a space |
| data[card][carrier_message] | string | Required<br>A custom message to be printed on the carrier. | maximum 150 characters |
| data[card][company_name] | string | Optional<br>Company name of the card recipient. This is printed on the envelope with the shipping address for USPS delivery. | maximum 26 characters |
| data[card][address1] | string | Optional<br>Recipient's delivery address street (line 1). This is required when USPS shipping option is used. | maximum 45 characters |
| data[card][address2] | string | Optional<br>Recipient's delivery address street (line 2). | maximum 45 characters |
| data[card][city] | string | Optional<br>Recipient's delivery address city. This is required when USPS shipping option is used. | maximum 26 characters allows alphabetic, space, hyphen and period |

| data[card][state] | string | Optional<br>Recipient's delivery address state.<br>This is required when USPS<br>shipping option is used. | 2 alphabetic characters |
|---|---|---|---|
| data[card][zip] | string | Optional<br>Recipient's delivery address<br>zip/postal code. This is required<br>when USPS shipping option is<br>used. | maximum 10 characters<br>valid US zip, US zip+4, or<br>Canadian 6 character postal<br>code |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1369",
        "message": {
            "card_id":"1610391"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
        <status>1000</status>
        <transaction_id>1369</transaction_id>
        <message>
                <card_id>1610391</card_id>
        </message>
</response>
```

## complete

*Description*

Complete an order and mark it ready for verification and processing.

*URL*

https://api.omnicard.com/2.x/orders/complete.json
https://api.omnicard.com/2.x/orders/complete.xml

*Input Parameters*

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| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>A valid order id for an incomplete order that you wish to complete. | -- |
| data[options][digital_signature] | string | Required<br>The full name of the authenticated user. | maximum 150 characters |
| data[options][payment_type] | string | Required<br>The payment method to use for the current order. | one of:<br>check<br>wire<br>fundsbank |
| data[options][account_id] | integer | Optional<br>ID of a fundsbank account. This is required when the fundsbank payment type option is used. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"1372",
        "message": {
            "order_id":"338639"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
        <status>1000</status>
        <transaction_id>1372</transaction_id>
        <message>
                <order_id>338639</order_id>
        </message>
</response>
```

# eGift Orders

## start

## Description

Begin a new merchant eGifts card order. The order id in this response is required on all subsequent calls to egiftCards/addCard and egiftCards/complete.

## URL

https://api.omnicard.com/2.x/egiftOrders/start.json
https://api.omnicard.com/2.x/egiftOrders/start.xml

## Input Parameters

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[merchant_code] | string | Required<br>All cards on an eGift order are for a single merchant. This specifies the merchant.<br>See orderOptions/getMerchant and orderOptions/getMerchants. | valid merchant code |
| data[merchant_template_id] | string | Required<br>This specifies the design that appears on the eGift redemption page.<br>See orderOptions/getMerchant. | valid merchant template id |
| data[delivery] | string | Required<br>**download:** OmniCard will not send recipient emails when this option is selected. It will be your responsibility to distribute the redemption URLs to the recipients. The redemption URLs will be in the egiftOrders/addCard response. After completing your order, you may poll the orders/getOrder method to check your order status. Once the order status is "processed" the cards are ready to redeem and you may distribute the redemption URLs to your recipients. The redemption URLs may also be retrieved at any time from the egiftCards/getCard method.<br>**email:** OmniCard will initiate the delivery of redemption URLs via email to the card recipients upon payment verification and order processing. | one of:<br>download<br>email |
| data[from] | string | Optional<br>Defaults to the name on your client account. | maximum 26 characters |
| data[contact][name] | string | Required<br>The name of the contact person that will appear in the recipient redemption emails. | maximum 100 characters |

| | | | |
|---|---|---|---|
| data[contact][email] | string | Required<br>The email address of the contact person that will appear in the recipient redemption emails. | valid email address |
| data[contact][organization] | string | Required<br>The organization name of the contact person that will appear in the recipient redemption emails. | maximum 100 characters |
| data[contact][phone] | string | Optional<br>The phone number of the contact person that will appear in the recipient redemption emails. | 10 digits |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "307",
        "message": {
            "order_id": "861872"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>308</transaction_id>
    <message>
        <order_id>861872</order_id>
    </message>
</response>
```

## addCard

*Description*

Add a new card to an incomplete merchant eGift cards order.
Please see the egiftCards/getCard documentation for more details about the card information in this response.
If you use the "download" delivery option, you should store the card.id, or one of the redemption URLs, to later distribute to your recipients.
If you use the "email" delivery option, you may still consider storing the card.id, so that you can use the egiftCards/sendEmail method to resend recipient redemption emails if necessary.

*URL*

https://api.omnicard.com/2.x/egiftOrders/addCard.json
https://api.omnicard.com/2.x/egiftOrders/addCard.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>An order id returned from an egiftOrders/start request. | merchant eGift cards order id<br>order must be in incomplete status |
| data[card][first_name] | string | Required<br>The eGift recipient's first name. | maximum 20 characters<br>allows alphanumeric, space, apostrophe, comma, ampersand, forward slash, hyphen, period |
| data[card][last_name] | string | Required<br>The eGift recipient's last name. | maximum 20 characters<br>allows alphanumeric, space, apostrophe, comma, ampersand, forward slash, hyphen, period |
| data[card][denomination] | decimal | Required<br>Initial value of the eGift card. | a valid denomination for the selected merchant, either falling within the min_denomination and max_denomination values, or matching one of the denominations values (see orderOptions/getMerchant) |
| data[card][message] | string | Required<br>A personal message that appears on the recipient's eGift card redemption page. | maximum 150 characters |
| data[card][email] | string | Optional<br>The eGift recipient's email address.<br>This is required when email delivery option is specified in egiftOrders/start. | valid email address |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
```

```
        "transaction_id": "104",
        "message": {
            "card": {
                "id": "14179943",
                "recipient_email": "john.doe@domain.com",
                "recipient_name": "John Doe",
                "balance": "20",
                "code": "2139c296961dc48696090e255226fce2",
                "redemption_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2/c:jo
hn.doe%40domain.com",
                "challenge_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2",
                "merchant_code": "54385",
                "delivery": "email",
                "order": {
                    "id": "861900",
                    "purchase_date": null,
                    "status": "incomplete"
                }
                "brand": {
                    "id": "15681",
                    "name": "Airbnb"
                },
            }
        }
    }
}
```

**XML**

```xml
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
            <recipient_email>john.doe@domain.com</recipient_email>
            <recipient_name>John Doe</recipient_name>
            <balance>20</balance>

<redemption_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e
255226fce2/c:john.doe%40domain.com</redemption_url>

<challenge_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e2
55226fce2</challenge_url>
            <merchant_code>54385</merchant_code>
            <delivery>email</delivery>
            <order>
                <id>861900</id>
                <purchase_date></purchase_date>
                <status>incomplete</status>
            </order>
            <brand>
```

```
                    <id>15571</id>
                    <name>aerie</name>
                </brand>
            </card>
        </message>
</response>
```

## complete

### *Description*

Complete a merchant eGift cards order and mark it ready for verification and processing.

After the order has been successfully submitted, the orders/getOrder method may be periodically polled to check the order status. Once the order status has been updated to completed, the eGift redemption URLs will be available and ready for distribution. These URLs can be retrieved using the egiftCards/getCard method.

### *URL*

https://api.omnicard.com/2.x/egiftOrders/complete.json
https://api.omnicard.com/2.x/egiftOrders/complete.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>An order id returned from an egiftOrders/start request. | merchant eGift cards order id<br>order must be in incomplete status |
| data[options][digital_signature] | string | Required<br>Full name of the authenticated user. | -- |
| data[options][payment_type] | string | Required<br>The payment method to use for the current order. | one of:<br>check<br>wire<br>fundsbank |
| data[options][account_id] | integer | Optional<br>Id of a fundsbank account number (see funds/getAccounts).<br>This is required when the fundsbank payment_type option is used. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "321",
        "message": {
            "order_id": "861872"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>322</transaction_id>
    <message>
        <order_id>861872</order_id>
    </message>
</response>
```

# Plastic Orders

## start

*Description*

Begin a new plastic card order. The order id in this response is required on all subsequent calls to plasticOrders/addCard and plasticOrders/complete.

*URL*

https://api.omnicard.com/2.x/plasticOrders/start.json
https://api.omnicard.com/2.x/plasticOrders/start.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[merchant_code] | string | Required<br>All cards on an eGift order are for a single merchant. This specifies the | valid merchant code |

| | | merchant. See orderOptions/getPlasticMerchant and orderOptions/getPlasticMerchants. | |
|---|---|---|---|
| data[merchant_template_id] | string | Required This specifies the design that appears on the plastic redemption page. See orderOptions/getPlasticMerchant. | valid merchant template id |
| data[from] | string | Optional Displays on the carrier for USPS orders. | maximum 16 characters |
| data[shipping][delivery] | string | Required **USPS:** cards will be shipped individually to the card recipients. The recipient's delivery information must be supplied with each request to plasticOrders/addCard. The shipping address information supplied in this request will be used as return address information on the card envelopes. **UPS:** all cards will be shipped in a single package to the shipping address specified in this request. | US orders one of: merchant_ups_next_day merchant_ups_second_day merchant_ups_ground merchant_usps_parcel merchant_usps_first_class |
| data[shipping][company_name] | string | Required | maximum 30 characters |
| data[shipping][first_name] | string | Required | maximum 30 characters |
| data[shipping][last_name] | string | Required | maximum 30 characters |
| data[shipping][address1] | string | Required | maximum50 characters |
| data[shipping][address2] | string | Optional | maximum 50 characters |
| data[shipping][city] | string | Required | maximum 18 characters |
| data[shipping][state] | string | Required | 2 alphabetic characters |
| data[shipping][zip] | string | Required | maximum 10 characters valid US zip or US zip+4 |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "307",
        "message": {
            "order_id": "861872"
        }
    }
}
```

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```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>308</transaction_id>
    <message>
        <order_id>861872</order_id>
    </message>
</response>
```

## addCard

### Description

Add a new card to an incomplete plastic cards order.
Please see the plasticCards/getCard documentation for more details about the card information in this response.

### URL

https://api.omnicard.com/2.x/plasticOrders/addCard.json
https://api.omnicard.com/2.x/plasticOrders/addCard.xml

### Input Parameters

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>An order id returned from an<br>plasticOrders/start<br>request. | plastic cards order id<br>order must be in incomplete status |
| data[card][denomination] | decimal | Required<br>Initial value of the plastic card. | a valid denomination for the selected merchant, either falling within the min_denomination and max_denomination values, or matching one of the denominations values (see orderOptions/getPlasticMerchant) |
| data[card][first_name] | string | Optional<br>Card recipient's first name. This is required when USPS shipping option is used. | maximum 20 characters |

| | | | |
|---|---|---|---|
| data[card][last_name] | string | Optional<br>Card recipient's last name. This is required when USPS shipping option is used. | maximum 18 characters |
| data[card][carrier_message] | string | Optional<br>A custom message to be printed on the USPS carrier. | maximum 150 characters |
| data[card][company_name] | string | Optional<br>Company name of the card recipient. This is printed on the envelope with the shipping address for USPS delivery. | maximum 26 characters |
| data[card][address1] | string | Optional<br>Recipient's delivery address street (line 1). This is required when USPS shipping option is used. | maximum 50 characters |
| data[card][address2] | string | Optional<br>Recipient's delivery address street (line 2). | maximum 50 characters |
| data[card][city] | string | Optional<br>Recipient's delivery address city. This is required when USPS shipping option is used. | maximum 26 characters<br>allows alphabetic, space, hyphen and period |
| data[card][state] | string | Optional<br>Recipient's delivery address state. This is required when USPS shipping option is used. | 2 alphabetic characters |
| data[card][zip] | string | Optional<br>Recipient's delivery address zip/postal code. This is required when USPS shipping option is used. | maximum 10 characters<br>valid US zip or US zip+4 |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "104",
        "message": {
```

```
        "card": {
            "id": "14179943"
        }
    }
}
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
        </card>
    </message>
</response>
```

## complete

***Description***

Complete a plastic cards order and mark it ready for verification and processing.

After the order has been successfully submitted, the orders/getOrder method may be periodically polled to check the order status.

***URL***

https://api.omnicard.com/2.x/plasticOrders/complete.json
https://api.omnicard.com/2.x/plasticOrders/complete.xml

***Input Parameters***

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>An order id returned from an plasticOrders/start request. | plastic merchant cards order id order must be in incomplete status |
| data[options][digital_signature] | string | Required<br>Full name of the authenticated user. | -- |

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| data[options][payment_type] | string | Required<br>The payment method to use for the current order. | one of:<br>check<br>wire<br>fundsbank |
|---|---|---|---|
| data[options][account_id] | integer | Optional<br>ID of a fundsbank account. This is required when the fundsbank payment type option is used. | -- |

***Sample Responses***

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "321",
        "message": {
            "order_id": "861872"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>322</transaction_id>
    <message>
        <order id>861872</order id>
    </message>
</response>
```

# OmniCode Orders

## start

***Description***

Begin a new order. The order id in this response is required on all subsequent calls to addCard and complete.

***URL***

https://api.omnicard.com/2.x/omniCodeOrders/start.json
https://api.omnicard.com/2.x/omniCodeOrders/start.xml

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*Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[program_id] | integer | Required<br>The Program ID - displayed when viewing or editing a program in the client portal. | -- |
| data[shipping][company_name] | string | Optional<br>Company name for the return address.<br>If not provided, value from the Program will be used, if any. | -- |
| data[shipping][first_name] | string | Optional<br>First name for the return address (e.g. John).<br>If not provided, value from the Program will be used. | -- |
| data[shipping][last_name] | string | Optional<br>Last name for the return address (e.g. Smith).<br>If not provided, value from the Program will be used. | -- |
| data[shipping][address1] | string | Optional<br>Street address (e.g. 123 Main St) for the return address.<br>If not provided, value from the Program will be used. | -- |
| data[shipping][address2] | string | Optional<br>Unit / suite / building # (e.g. Suite 99) for the return address.<br>If not provided, value from the Program will be used, if any. | -- |
| data[shipping][city] | string | Optional<br>City name for the return address.<br>If not provided, value from the Program will be used. | -- |
| data[shipping][state] | string | Optional<br>2 letter state for the return address (e.g PA, NY, etc).<br>If not provided, value from the Program will be used. | -- |
| data[shipping][zip] | string | Optional<br>5 digit zipcode for the return address.<br>If not provided, value from the Program will be used. | -- |
| data[shipping][delivery] | string | Optional<br>If not provided, value from the Program will be used.<br>**download:** OmniCard will not send recipient | one of:<br>download<br>email |

| | | | |
|---|---|---|---|
| | | emails when this option is selected. It will be your responsibility to distribute the 16 character redemption codes to the recipients. The redemption codes will be in the omniCodeOrders/addCard response. After completing your order, you may poll the orders/getOrder method to check your order status. Once the order status is "processed" the rewards are ready to redeem and you may distribute the redemption codes to your recipients. The redemption codes may also be retrieved at any time from the omniCodeCards/getCard method.<br>**email:** OmniCard will initiate the delivery of redemption codes via email to the card recipients upon payment verification and order processing. Additional fees may apply for email option. | |
| data[messaging][carrier_from] | string | Optional<br>Name to appear in the "From" field of the card carrier or an eGift email/redemption page.<br>If not provided, value from the Program will be used, if any. | maximum 16 characters |
| data[messaging][carrier_message] | string | Optional<br>Note to appear in the "Message" field of the card carrier or an eGift redemption page.<br>If not provided, value from the Program will be used, if any. | Max 150 characters |
| data[messaging][emboss_line2] | string | Optional<br>Only applicable when one or more plastic cards are selected. Second line to print on plastic cards.<br>If not provided, value from the Program will be used, if any. | Max 18 characters allows alphanumeric, space, hyphen, and period |
| data[messaging][email_body] | string | Optional<br>Only applicable if using OmniCard to email codes. The body of the email message.<br>The recipient's first name automatically precedes this.<br>If not provided, value from the Program will be used, if any. | Max 250 characters. |
| data[messaging][sender_name] | string | Optional<br>Only applicable if using OmniCard to email codes.<br>The name of the person that the email is from (like the program sponsor).<br>If not provided, value from the Program will be used, if any. | Max 50 characters. |
| data[messaging][contact_email] | string | Optional<br>Only applicable if using OmniCard to email codes.<br>The email address of the person that the | Max 50 characters. |

| | | email is from.<br>If not provided, value from the Program will be used, if any. | |
|---|---|---|---|
| data[messaging][contact_phone] | string | Optional<br>Only applicable if using OmniCard to email codes.<br>Contact phone number displayed in the recipient email.<br>If not provided, value from the Program will be used, if any. | 10 digits |
| data[expiration] | integer | Optional<br>If not provided, value from the Program will be used.<br>The number of days (after processing) until the codes for this order expire. | One of:<br>15<br>30<br>60<br>90<br>120<br>180<br>365 |

### Sample Responses

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "252",
        "message": {
            "order_id": "861993"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>255</transaction_id>
    <message>
        <order_id>861995</order_id>
    </message>
</response>
```

## addCard

### Description

Add a code to an OmniCodes order.

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*URL*

https://api.omnicard.com/2.x/omniCodeOrders/addCard.json
https://api.omnicard.com/2.x/omniCodeOrders/addCard.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>A valid order id returned from Start OmniCodes Order. | -- |
| data[card][denomination] | float | Required<br>Value of the code. | Must be within the range of values determined by the product selection in your program. Available denominations for each program are returned by getPrograms. |
| data[card][first_name] | string | Required<br>The first name of the recipient. | -- |
| data[card][last_name] | string | Required<br>The last name of the recipient. | -- |
| data[card][email] | string | Optional<br>The recipients email address. Required if sending emails using OmniCodes (delivery = email). | Must be a valid email address. |
| data[card][emboss_line2] | string | Optional<br>Second line to print on card. Can customize by code here.<br>If not provided, value from the Order or Program will be used, if any. | Maximum 18 characters.<br>Allows alphanumeric, space, hyphen, and period |
| data[card][carrier_message] | string | Optional<br>Note to appear in the "Message" field of the card carrier or an eGift redemption page.<br>Can customize by code here.<br>If not provided, value from the Order or Program will be used, if any. | Maximum 150 characters. |

*Sample Responses*

**JSON**

```
{
```

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```
    "response": {
        "status": 1000,
        "transaction_id": "256",
        "message": {
            "card_id": "14227665",
            "omnicode": "GGSDJAJDUM53LULZ"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>257</transaction_id>
    <message>
        <card_id>14227666</card_id>
        <omnicode>FJY68QY7RHNAJZB4</omnicode>
    </message>
</response>
```

## complete

### *Description*

Complete an OmniCodes order and mark it ready for verification and processing.

### *URL*

https://api.omnicard.com/2.x/omniCodeOrders/complete.json
https://api.omnicard.com/2.x/omniCodeOrders/complete.xml

### *Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>A valid order id for an incomplete order that you wish to complete. | -- |
| data[options][digital_signature] | string | Required<br>The full name of the authenticated user. | maximum 150 characters |
| data[options][payment_type] | string | Required<br>The payment method to use for the current order. | One of:<br>check |

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| | | | wire fundsbank |
|---|---|---|---|
| data[options][account_id] | integer | Optional<br>ID of a fundsbank account. This is required when the fundsbank option is used. | -- |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "258",
        "message": {
            "order_id": "867530"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>261</transaction_id>
    <message>
        <order_id>867530</order_id>
    </message>
</response>
```

# Virtual Orders

## start

*Description*

Begin a new virtual order. The order id in this response is required on all subsequent requests to addCard and complete.

*URL*

https://api.omnicard.com/2.x/virtualOrders/start.json
https://api.omnicard.com/2.x/virtualOrders/start.xml

*Input Parameters*

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| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[end_client_id] | integer | *Optional<br>A valid end client ID returned from orderOptions/getEndClients.<br>Leave blank to order for self. | -- |
| data[merchant_code] | string | Required<br>All cards on an eGift order are for a single merchant. This specifies the merchant.<br>See orderOptions/getVirtualMerchant and orderOptions/getVirtualMerchants. | valid merchant code |
| data[merchant_template_id] | string | Required<br>This specifies the design that appears on the virtual redemption page.<br>See orderOptions/getVirtualMerchant. | valid merchant template id |
| data[delivery] | string | Required<br>**download:** OmniCard will not send recipient emails when this option is selected. It will be your responsibility to distribute the redemption URLs to the recipients. The redemption URLs will be in the virtualOrders/addCard response. After completing your order, you may poll the orders/getOrder method to check your order status. Once the order status is "processed" the cards are ready to redeem and you may distribute the redemption URLs to your recipients. The redemption URLs may also be retrieved at any time from the virtualCards/getCard method.<br>**email:** OmniCard will initiate the delivery of redemption URLs via email to the card recipients upon payment verification and order processing. | one of:<br>download<br>email |
| data[from] | string | Optional<br>Defaults to the name on your client account. | maximum 26 characters |
| data[contact][name] | string | Required<br>The name of the contact person that will appear in the recipient redemption emails. | maximum 100 characters |
| data[contact][email] | string | Required<br>The email address of the contact person that will appear in the recipient redemption emails. | valid email address |
| data[contact][organization] | string | Required<br>The organization name of the contact person that will appear in the recipient redemption emails. | maximum 100 characters |
| data[contact][phone] | string | Optional<br>The phone number of the contact person that will appear in the recipient redemption emails. | 10 digits |

**\*data[end_client_id] required only for Partner clients that order on the behalf of End Clients.**

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*Sample Responses*

**JSON**

```
{
    "response": {
        "status":1000,
        "transaction_id":"2446",
        "message": {
            "order_id":"493714"
        }
    }
}
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>2447</transaction_id>
    <message>
        <order_id>493715</order_id>
    </message>
</response>
```

## addCard

*Description*

Add a new card to an incomplete virtual cards order.
If you use the "download" delivery option, you should store the card.id, or one of the redemption URLs, to later distribute to your recipients.
If you use the "email" delivery option, you may still consider storing the card.id, so that you can use the virtualCards/sendEmail method to resend recipient redemption emails if necessary.

*URL*

https://api.omnicard.com/2.x/virtualOrders/addCard.json
https://api.omnicard.com/2.x/virtualOrders/addCard.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|-------|-----------|-------------|------------|
| data[token] | string | Required<br>A valid API token. | -- |

| data[order_id] | integer | Required<br>An order id returned from an<br>virtualOrders/start<br>request. | merchant eGift cards order id<br>order must be in incomplete status |
|---|---|---|---|
| data[card][first_name] | string | Required<br>The virtual recipient's first name. | maximum 20 characters<br>allows alphanumeric, space, apostrophe, comma, ampersand, forward slash, hyphen, period |
| data[card][last_name] | string | Required<br>The virtual recipient's last name. | maximum 20 characters<br>allows alphanumeric, space, apostrophe, comma, ampersand, forward slash, hyphen, period |
| data[card][denomination] | decimal | Required<br>Initial value of the eGift card. | a valid denomination for the selected merchant, either falling within the min_denomination and max_denomination values, or matching one of the denominations values (see orderOptions/getVirtualMerchant) |
| data[card][message] | string | Required<br>A personal message that appears on the recipient's virtual card redemption page. | maximum 150 characters |
| data[card][email] | string | Optional<br>The virtual recipient's email address.<br>This is required when email delivery option is specified in<br>virtualOrders/start. | valid email address |

*Sample Responses*

**JSON**

```
{
    "response": {
        "status": 1000,
        "transaction_id": "104",
        "message": {
            "card": {
                "id": "14179943",
                "recipient_email": "john.doe@domain.com",
                "recipient_name": "John Doe",
                "balance": "20",
                "code": "2139c296961dc48696090e255226fce2",
                "redemption_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2/c:jo
hn.doe%40domain.com",
                "challenge_url":
"https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e255226fce2",
                "merchant_code": "36219",
```

```
                    "delivery": "email",
                    "order": {
                        "id": "861900",
                        "purchase_date": null,
                        "status": "incomplete"
                    }
                    "brand": {
                        "id": "15681",
                        "name": "Airbnb"
                    },
                }
            }
        }
```

**XML**

```
<?xml version="1.0"?>
<response>
    <status>1000</status>
    <transaction_id>104</transaction_id>
    <message>
        <card>
            <id>14179943</id>
            <recipient_email>john.doe@domain.com</recipient_email>
            <recipient_name>John Doe</recipient_name>
            <balance>20</balance>

<redemption_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e
255226fce2/c:john.doe%40domain.com</redemption_url>

<challenge_url>https://www.omnicard.com/eGifts/redeem/2139c296961dc48696090e2
55226fce2</challenge_url>
            <merchant_code>54385</merchant_code>
            <delivery>email</delivery>
            <order>
                <id>861900</id>
                <purchase_date></purchase_date>
                <status>incomplete</status>
            </order>
        </card>
    </message>
</response>
```

## complete

*Description*

Complete a virtual order and mark it ready for verification and processing.

After the order has been successfully submitted, the orders/getOrder method may be periodically polled to check the order status. Once the order status has been updated to

completed, the eGift redemption URLs will be available and ready for distribution. These URLs can be retrieved using the virtualCards/getCard method.

*URL*

https://api.omnicard.com/2.x/virtualOrders/complete.json
https://api.omnicard.com/2.x/virtualOrders/complete.xml

*Input Parameters*

| Field | Data Type | Description | Validation |
|---|---|---|---|
| data[token] | string | Required<br>A valid API token. | -- |
| data[order_id] | integer | Required<br>An order id returned from an virtualOrders/start request. | virtual cards order id order must be in incomplete status |
| data[options][digital_signature] | string | Required<br>Full name of the authenticated user. | -- |
| data[options][payment_type] | string | Required<br>The payment method to use for the current order. | one of:<br>check<br>wire<br>fundsbank |
| data[options][account_id] | integer | Optional<br>Id of a fundsbank account number (see funds/getAccounts).<br>This is required when the fundsbank payment_type option is used. | -- |

*Sample Responses*

JSON

```
{
    "response": {
        "status":1000,
        "transaction_id":"1372",
        "message": {
            "order_id":"338639"
        }
    }
}
```

XML

```
<?xml version="1.0"?>
<response>
        <status>1000</status>
```

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```
        <transaction_id>1372</transaction_id>
        <message>
                <order_id>338639</order_id>
        </message>
</response>
```

# Version History

## Change Log

| Version | Date | Description |
|---------|------|-------------|
| 2.0 | May 22, 2015 | Initial Version<br>See Updating from API v1.0 for backwards compatibility breaks.<br>Added Order Options, eGift Cards, and eGift Orders services. |
| 2.1 | Jun 11, 2015 | Updates to support eGift delivery handling.<br>Delivery option is included in all eGift card responses.<br>Requests to sendEmail will be rejected if download delivery option was specified when the eGift was ordered.<br>Added contact parameters to eGift Orders which are required when email delivery option is used.<br>Recipient email address is now optional when ordering eGift cards using the download delivery option. |
| 2.2 | Jun 24, 2015 | Updates to support OmniCode Services<br>Added OmniCode Cards and OmniCode Orders services.<br>Updated getOrder and getOrders responses to include new total_codes field. |
| 2.3 | Jul 7, 2015 | Added reissue endpoint. |
| 2.4 | Dec 5, 2015 | Updated cards/getCard response to include parent and reissue keys. The id's returned in these fields can be used to identify and/or retrieve a card that has been reissued. |
| 2.5 | Dec 30, 2015 | Updated cards/reissue endpoint. data[shipping][company_name] parameter is now optional for USPS delivery. |
| 2.6 | April 12, 2016 | Removed support for activation codes. |
| 2.7 | July 28, 2016 | Updated carrier_from and carrier_to fields character limit to 22. Updated special characters allowed in emboss fields.<br>Remove activation label option is no longer supported, the option is ignored. |
| 2.8 | August 16, 2016 | Update documentation for egiftOrders/addCard. Fixed parameter names |
| 2.9 | October 1, 2016 | Phone number (phone) is now required for cards/register. |
| 2.10 | November 16, 2016 | Updated carrier_to field character limit to 18, carrier_from field character limit to 16. |
| 2.11 | January 9, 2017 | Allow online-only registration for select cards (see cards/register). |

| 2.12 | March 21, 2017 | Updated support for Virtual Orders.<br>Added orderOptions/getVirtualMerchants and orderOptions/getVirtualMerchant.<br>Added virtualCards/getCard and virtualCards/sendEmail.<br>Removed virtualCards/register. |
|------|----------------|---|
| 2.13 | April 19, 2017 | Added support for one time loading via the new cards/load endpoint. This will take the place of cards/reload for one time loading of cards.<br>The cards/reload and cards/getReloadable endpoints are now deprecated. They will stop being available on April 30, 2017. |
| 2.14 | May 1, 2017 | The cards/reload and cards/getReloadable endpoints are no longer available. |
| 2.15 | May 2, 2017 | Added endpoints to support plastic ordering, including:<br><br>• orderOptions/getPlasticMerchants and orderOptions/getPlasticMerchants<br>• plasticOrders/start, plasticOrders/addCard, and plasticOrders/complete<br>• plasticCards/getCard |
| 2.16 | July 30, 2017 | Card registration no longer requires birth date and SSN. PIN numbers are not available for cards issued after May 31, 2017. |
| 2.17 | September 6, 2017 | Updates to eGift Cards -> getCard:<br><br>• Removed verbiage addressing recipient redemption and added verbiage the card number, PIN and bar code<br>• Added JSON code to accommodate changes<br>• Added XML code to accommodate changes<br>• Provided additional updates to the XML code<br><br>Updates to Orders -> Start<br><br>• Removed include envelope input parameter |
| 2.18 | September 21, 2017 | The cards/getPin endpoint is no longer available. |
| 2.19 | January 9, 2018 | Credit cards are no longer a valid payment method for API orders. Any reference to payment by credit card has been removed. |
| 2.20 | February 7, 2018 | Added ability to select end clients when ordering. Please see modifications in:<br>1. Order Options > getEndClients<br>2. Orders > Start<br>3. Virtual Orders > Start |

## Updating from API v1.0

The following changes will be required to update from API v1.0 to v2.x. Note that no sunset date has been set for v1.0 and you may continue to use it.

- Update endpoint URLs to replace 1.0 with 2.x.
- Service portion of URLs is now camel-case instead of underscored.
  - virtual_cards is now virtualCards
  - virtual_orders is now virtualOrders
- Packages have been replaced with Programs
  - "cobrand" package types are no longer supported. All requests to orders/start and virtualOrders/start will now require a program_id. The package_type and package_id parameters are no longer accepted.
- Materials service is removed
  - materials/getPackages is removed, use the orderOptions/getPrograms endpoint. Note the orderOptions/getPrograms response structure is slightly different from the response structure of materials/getPackages.
  - materials/getMarketingInserts is removed. Marketing inserts may be associated in the Program if needed.