

Healthcare Omni-Channel Gateway 2.x - Changes and Additions - Integrations Tutorial

- [Re-Integration 2019: Changes and Additions](#)
 - [Changes](#)
 - [Get Settings function has been replaced:](#)
 - [Basic Auth:](#)
 - [New spec version 3.0.0:](#)
 - [New terminal version:](#)
 - [Additions:](#)
 - [Reporting API](#)
 - [Settings API](#)
 - [Features](#)
 - [ACH:](#)
 - [Cash:](#)
 - [Hosted Payment Page:](#)
 - [Enhanced Callback:](#)
 - [IIN Lookup:](#)
 - [CareCredit Support:](#)
 - [New Terminal support:](#)
 - [Functions](#)
 - [Amount Confirmation:](#)
 - [Reversal:](#)
 - [Transaction Index:](#)
 - [Terminal and Source filtering:](#)
 - [Terminal Status:](#)

Re-Integration 2019: Changes and Additions

Changes

Get Settings function has been replaced:

The obtaining the Organizations terminals and sources with mappings has been moved to a new Settings API, and split into their own functions (/sources and /terminals), as well as a new feature of filtering.

Transaction Broker 2.0.0	Settings 1.0.0
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```
GET /organization_settings
{
  "terminals": [
    {
      "terminal_serial_number":
      "string",
      "name": "string",
      "merchants": [
        "string"
      ],
      "model": "string"
    }
  ],
  "merchants": [
    {
      "identifier": "string",
      "mid": "string",
      "tid": "string"
    }
  ],
  "v": "2.0.0"
}
```

```
GET /sources
{
  "sources": [{
    "identifier": "string"
  }],
  "terminals": [
    "string"
  ]
},
"offset": int,
"limit": int,
"total": int,
"v": "1.0.0"
}
```

```
GET /terminals
{
  "terminals": [{
    "serial_number": "string",
    "name": "string",
    "model": "string",
    "sources": [
      "string"
    ]
  }],
  "offset": int,
  "limit": int,
  "total": int,
  "v": "1.0.0"
}
```

Basic Auth:

The authentication of requests has been changed to Basic Auth in the Header.

Transaction Broker 2.0.0	Transaction Broker 3.0.0 and Settings 1.0.0
<p>Request Body:</p> <pre data-bbox="178 231 755 478"> { "api_id": "string", "api_token": "string" } </pre>	<p>Header:</p> <pre data-bbox="860 231 1442 441"> Authorization: Basic base64Encode('api_id: api_token') </pre>

New spec version 3.0.0:

The Transaction Broker API spec version has been changed.

Transaction Broker 2.0.0	Transaction Broker 3.0.0
<pre data-bbox="178 709 755 877"> Accept: application/vnd. paymentfusion.v2.0.0+json </pre>	<pre data-bbox="860 709 1442 877"> Accept: application/vnd. paymentfusion.v3.0.0+json </pre>

New terminal version:

An upgrade will be required for 3.0.0 support.

Additions:

Reporting API

<https://reporting.paymentfusion.com>

Settings API

<https://settings.paymentfusion.com>

Features

ACH:

Support for processing and tokenization of check transactions.

Transaction Broker API

```
POST /process/ach
{
  "merchant_id": "012345",
  "amount": "10.00",
  "invoice": "string",
  "software": "string",
  "ip_address": "string",
  "clerk": "string",
  "billing_street": "string",
  "billing_city": "string",
  "billing_state": "string",
  "billing_zip": "string",
  "comments": "string",
  "description": "string",
  "command": "string",
  "force_duplicate": "boolean",
  "allow_partial_auth": "boolean",
  "zip_code": "string",
  "name_on_check": "string",
  "routing_number": "string",
  "account_number": "string",
  "check_number": "string",
  "ach_token": "string",
  "micr": "string",
  "drivers_license": "string",
  "state": "string",
  "ssn": "string",
  "check_type": "string",
  "check_account_type": "string",
  "email_address": "string",
  "phone_number": "string",
  "street_1": "string",
  "street_2": "string",
  "street_3": "string",
  "city": "string",
  "state_or_province_code": "string",
  "postal_code": "string",
  "country_code": "string",
  "street_address": "string",
  "remote_id": "string",
  "client_id": "string",
  "sec_code": "string",
  "callback_url_1": "string",
  "callback_url_2": "string",
  "callback_url_3": "string"
}
```

```
POST /refund/ach
{
  "ref_number": "string",
  "refund_amount": "string",
  "merchant_id": "string",
  "remote_id": "string",
  "sec_code": "string",
  "callback_url_1": "string",
  "callback_url_2": "string"
}
```

Cash:

Support for management of Cash transactions through the API.

Transaction Broker API

```
POST /process/cash
{
  "merchant_id": "012345",
  "amount": "10.00",
  "invoice": "string",
  "software": "string",
  "ip_address": "string",
  "clerk": "string",
  "billing_street": "string",
  "billing_city": "string",
  "billing_state": "string",
  "billing_zip": "string",
  "comments": "string",
  "description": "string",
  "command": "string",
  "tip_amount": "string",
  "force_duplicate": "boolean",
  "allow_partial_auth": "boolean",
  "zip_code": "string",
  "street_address": "string",
  "tax_amount": "string",
  "client_id": "string"
}
```

```
POST /refund/cash
{
  "ref_number": "string",
  "refund_amount": "string",
  "merchant_id": "string",
  "tax_amount": "string",
  "remote_id": "string"
}
```

Hosted Payment Page:

Support for generation of the HPP link in a single call.

The HPP Index function allows the retrieval of the configured Hosted Payment Pages.

Settings API

```
GET /hpps
{
  "hpps": [
    {
      "name": string,
      "identifier": int
    }
  ],
  "v": "1.0.0"
}
```

The HPP Generate function allows for the generation of a tiny URL to be embedded, or texted/emailed to a customer for easy payment processing.

Transaction Broker API

```
POST /hpps
{
  "hpp": string,
  "v": "3.0.0"
}
```

Enhanced Callback:

Support for 3 different web-hooks with retries.

Transaction Broker API

```
POST /transactions
{
  ..,
  "callback_url_1": string,
  "callback_url_2": string,
  "callback_url_3": string
}
```

IIN Lookup:

Support for IIN data to be supplied via a Sale or a Save transaction.

Transaction Broker API

```
"bin_data": {
  "bin": "integer",
  "card_brand": "string",
  "issuing_org": "string",
  "card_type": "string",
  "card_category": "string",
  "issuing_country": "string",
  "issuing_country_code_a2": "string",
  "issuing_country_code_a3": "string",
  "issuing_country_number": "integer",
  "issuing_phone": "string",
  "issuing_website": "string",
  "pan_length": "string",
  "issued_entity": "string",
  "is_regulated": "string",
  "is_commercial": "boolean"
}
```

CareCredit Support:

CareCredit will be baked into the terminal application and allow for integrated processing of CareCredit transactions.

New Terminal support:

We are adding new terminal lines to our solution to open your processing options without requiring any additional development work on your part.

Functions

Amount Confirmation:

New transaction flow, which allows for a transaction amount to be confirmed on the terminal before processing the payment.

Transaction Broker API

```
POST /transactions
{
  ...,
  "confirm_amount": true
}
```

```
PUT /transactions/{id}/set_amount
{
  "amount": int
}
```

Reversal:

Combines support for Full and Partial Refunds, and Voids into single function.

Transaction Broker API

```
GET /transactions/reversal
{
  "ref_number": "0123453",
  "merchant_id": "54322109",
  "refund_amount": "",
  "force_duplicate": "",
  "tax_amount": ""
}
```

Transaction Index:

Now support filtering by remote_id for advanced transaction recovery.

Transaction Broker API

```
GET /transactions
```

Terminal and Source filtering:

Support for Terminal and Source settings requests by identifiers.

Settings API


```
GET /sources/{id}
```

```
GET /terminals/{serial_number}
```

Terminal Status:

Support for status request.

Settings API

```
GET /terminals/status  
{  
  "serial_number"  
}
```