

OperationsCommander - <https://opscom.wiki>

## Authorize.Net



Development: <https://sandbox.authorize.net/>

This space is primarily for development against the Authorize.Net API. The sandbox area ensures no transactions are accidentally pushed through a "real" payment processor.

Production: <https://account.authorize.net/>

The production space is the portal to access transactions and live account settings.

## Production (or Testing) Setup

There are several places where setup is required. The hosted payments page will need to be updated to present a consistent look for the end user. This can be done under the "Payment Form" option under the "Account" area as noted below.

As well, it should be noted that the receipt page and response details do not need to be completed. As part of the payment protocol OPSCOM supplies this information to Authorize.Net

The screenshot shows the Authorize.Net Settings page. The left sidebar contains a 'Settings' menu with options: Billing Information, Statements, User Administration, User Profile, and Digital Payment Solutions. The main content area is titled 'Settings' and includes a 'Help' link. Below the title, a paragraph states: 'The following sections provide access to your payment gateway integration and Merchant Interface settings. For help with configuring these settings, click the Help link in the top right corner of each settings page.'

The settings are organized into four main sections:

- Transaction Format Settings**
  - Transaction Submission Settings
    - [Virtual Terminal](#)
    - [Payment Form](#) (highlighted with a red box and callout: 'Hosted Payment form settings')
    - [Upload Transaction File Format](#)
    - [Partial Authorization](#)
  - Transaction Response Settings
    - [Transaction Version](#)
    - [Response/Receipt URLs](#)
    - [Silent Post URL](#)
    - [Email Receipt](#)
    - [Receipt Page](#) (highlighted with a green box and callout: 'OPS-COM supplies these details as part of the transaction')
    - [Relay Response](#)
    - [Direct Response](#)
    - [FDS Customer Response](#)
- Security Settings**
  - Basic Fraud Settings
    - [Card Code Verification](#)
    - [Daily Velocity](#)
    - [Address Verification Service](#)
    - [Cardholder Authentication](#)
  - General Security Settings
    - [Test Mode](#)
    - [Password-Required Mode](#)
    - [Enable WebLink Connection Method](#)
    - [Transaction Details API](#)
    - [Mobile Device Management](#)
    - [MD5-Hash](#)
    - [File Upload Capabilities](#)
    - [API Credentials & Keys](#) (highlighted with a purple box and callout: 'API Credentials')
    - [Manage Public Client Key](#)
    - [Partner Delegation](#)
- Business Settings**
  - General Information Settings
    - [Transaction Cut-Off Time](#)
    - [Time Zone](#)

Please be aware your Authorize.net merchant account needs to have the following settings:

Product Type: **Card Not Present (CNP)**

Market Type: **eCommerce**

These settings are usually setup by your Authorize.net contact on the initial account creation. If you want to confirm the correct settings go to Account > Merchant Profile. Under the Business Information heading it will show your product and market type.

## API Credentials

API credentials are required for communication between OPSCOM and Authorize.Net. You will need 3 pieces of unique identification, one of which (API Login ID) is defined at the time of the account creation.

OPSCOM will need the following ID's

- API Login ID
- Transaction Key
- Signature Key

*Where to obtain these values is noted below.*

## API Credentials & Keys

[Help](#)

Your API Login ID and Transaction Key are unique pieces of information specifically associated with your payment gateway account. However, the API login ID and Transaction Key are NOT used for logging into the Merchant Interface. These two values are only required when setting up an Internet connection between your e-commerce Web site and the payment gateway. They are used by the payment gateway to authenticate that you are authorized to submit Web site transactions.

A Signature Key is applicable if your solution uses our hosted payment form, or uses the Direct Post Method (DPM) to submit transactions. It is also used for authenticating transaction responses from our APIs, including but not limited to Relay Response and Silent Post.

**IMPORTANT:** The API Login ID, Transaction Key and Signature Key should not be shared with anyone. Be sure to store these values securely and change the Transaction Key regularly to further strengthen the security of your account.

For more information about the API Login ID, Transaction Key and Signature Key, please refer to the [Reference & User Guides](#) or contact your Web developer.

API Login ID:	8xLzA6L6qje
API Login ID Last Obtained:	09/20/2016 06:22:09
Transaction Key Last Obtained:	09/20/2016 06:35:00
Signature Key Last Obtained:	09/20/2016 06:35:00



Create New Key(s) \* Required Fields

You may obtain a new Transaction Key or Signature Key as often as you wish by providing your Secret Answer. You may choose to disable the old one immediately by checking the Disable Old Transaction Key Immediately or Disable Old Signature Key Immediately option. If you do not immediately disable the old value, it will automatically expire in 24 hours.

Secret Question: What is your pet's name?

Secret Answer:

Obtain:  New Transaction Key  New Signature Key

Disable Old Transaction Key Immediately

Submit

Cancel



In the above screen shot we have chosen to generate a new Transaction Key. Upon selecting Submit, the new transaction key is presented.

## Generated Key

Your Key has been successfully created.

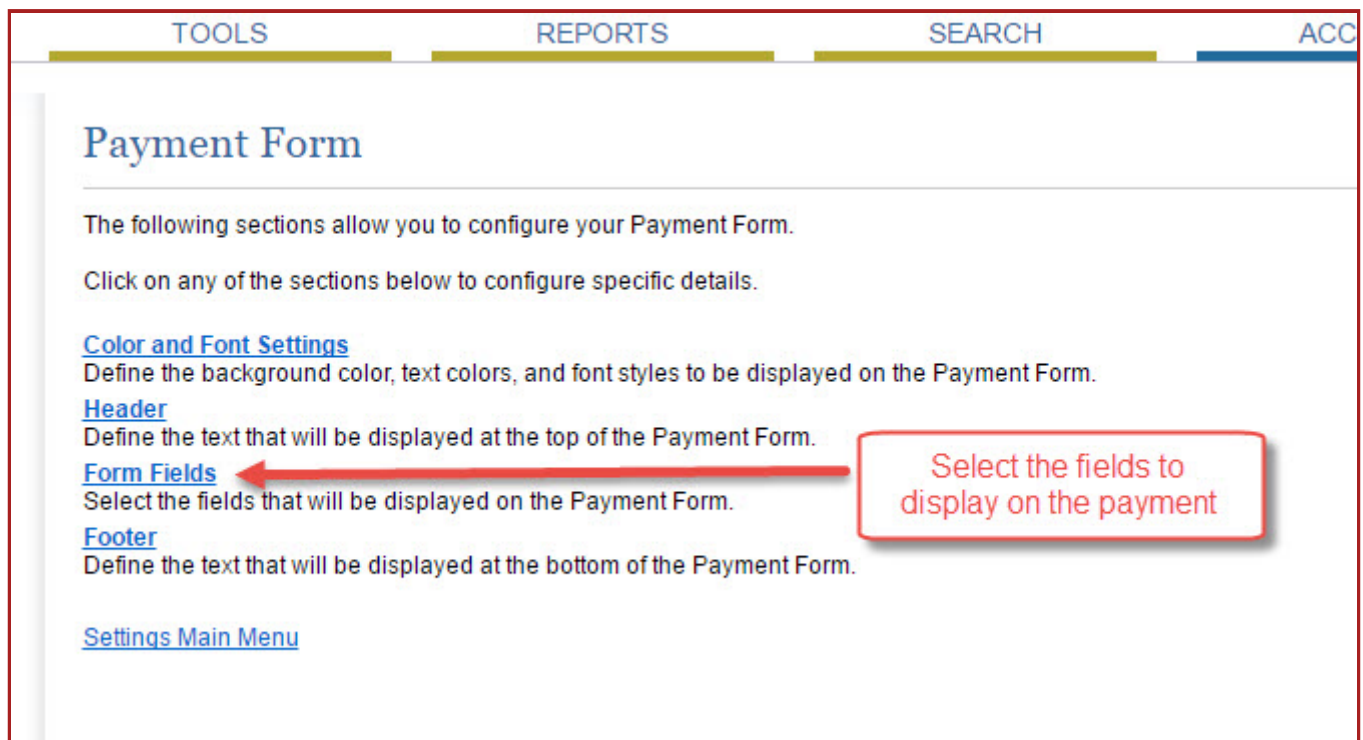
Current Transaction Key:

NOTE

The generated **Transaction Key** and **Signature Key** together with the **API Login ID** need to be supplied to Tomahawk Technologies Inc. to complete the OPSCOM setup.

## Payment Form

You can style the payment form and add additional details to the hosted payment input page. As well, fields such as shipping address can be hidden on the payment form to remove any confusion for the end user.



The screenshot shows a web interface with a navigation bar at the top containing 'TOOLS', 'REPORTS', 'SEARCH', and 'ACC'. Below the navigation bar is a section titled 'Payment Form'. The text in this section reads: 'The following sections allow you to configure your Payment Form. Click on any of the sections below to configure specific details.' There are four links: 'Color and Font Settings', 'Header', 'Form Fields', and 'Footer'. A red arrow points from a red-bordered callout box containing the text 'Select the fields to display on the payment' to the 'Form Fields' link. At the bottom of the page is a link for 'Settings Main Menu'.

Suggested payment form options:

### Note

Personal details can also be removed from the form since OPSCOM will automatically connect the payment to a user. Since users will often use credit cards that are not their own (spouse, parents, corporate) adding the additional fields is suggested.

**Note:** Any fields that are checked as "Required" below, will require a value for that field to be entered before processed, regardless of whether you use Advanced Integration Method (AIM) or Server Integration Method (SIM) payment gateway.

Field Name	View	Edit	Required
<b>Payment Information</b>			
Recurring Billing Transaction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Card Code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Order Information</b>			
Invoice No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Customer Billing Information</b>			
First Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Last Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Company	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
City	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
State	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zip Code	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Country	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phone	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Email	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Customer ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Shipping Information</b>			
First Name	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Last Name	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Company	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zip Code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Country	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Additional Information</b>			
Tax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Freight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tax Exempt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PO Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Security Code

This security feature helps to prevent unauthorized access to or abuse of your Payment Form by automatically generating a security code for each order. When this feature is enabled, the customer is required to enter a security code from a randomly generated list on the Payment Form to continue with their order.

Require the Security Code feature on the Payment Form.

#### Shipping and Return Policies

Include a link to your shipping and return policies page on your Web site on the Payment Form.

Shipping and Return Policy URL:

## AVS (Address Verification Service)

If AVS is enabled please make sure to set the following address fields required:

See

<https://support.authorize.net/knowledgebase/Knowledgearticle/?code=000001490> for additional information on AVS

## Site Testing

### Testing

This page includes ways to generate failure states:

[http://developer.authorize.net/hello\\_world/testing\\_guide/](http://developer.authorize.net/hello_world/testing_guide/)

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