

# 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 OPS-COM supplies this information to Authorize.Net

The screenshot shows the Authorize.Net Settings page. The navigation bar includes FEEDBACK, CONTACT US, HELP, and LOG OUT. The user is logged in as 'Tomahawk Sandbox'. The main menu has HOME, TOOLS, REPORTS, SEARCH, and ACCOUNT. The left sidebar lists Settings categories: 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 is an introductory paragraph. The settings are organized into sections: Transaction Format Settings, Transaction Response Settings, Security Settings, and Business Settings. Callouts highlight specific links: 'Payment Form' (Hosted Payment form settings), 'API Credentials & Keys' (API Credentials), and 'Receipt Page', 'Relay Response', 'Direct Response', and 'FDS Customer Response' (OPS-COM supplies these details as part of the transaction).

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 OPS-COM 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.

OPS-COM 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

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.

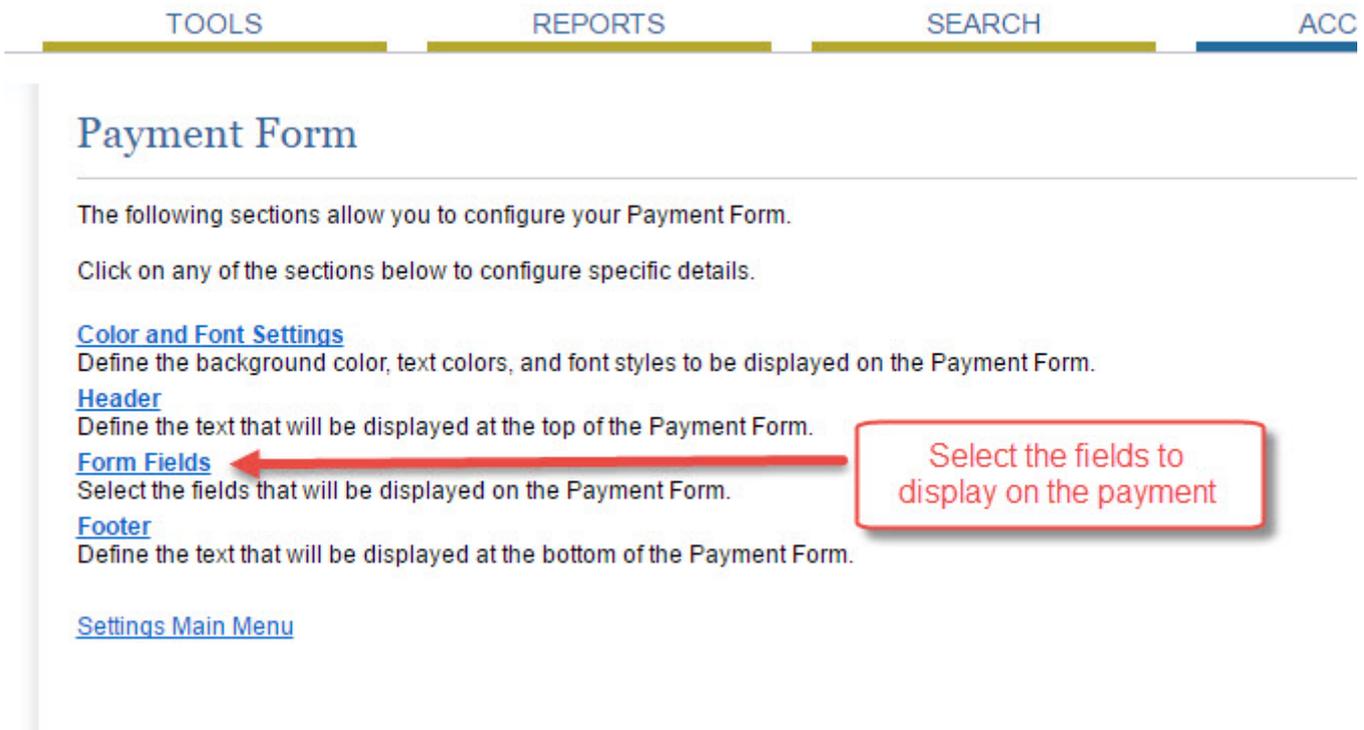
Current Transaction Key:

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 OPS-COM 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 navigation bar with four items: 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 box containing the text "Select the fields to display on the payment" to the "Form Fields" link. Below these links is a link for "Settings Main Menu".

Suggested payment form options:

Note

Personal details can also be removed from the form since OPS-COM 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 to be 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"/>
<b>Security Code</b>			
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 security code list on the Payment Form to continue with their order.			
<input type="checkbox"/> Require the Security Code feature on the Payment Form.			
<b>Shipping and Return Policies</b>			
Include a link to your shipping and return policies page on your Web site on the Payment Form.			
Shipping and Return Policy URL:			
<input type="text"/>			

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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