

## Upgraded for new 1.5.2.1 OpenCart Layout

### Upgrade Notes:

First and foremost, a huge Thank You to James (ncg), DangerousJax, envisionocity, and **Ophoria** for helping create earlier editions of this payment module.

This payment module has been updated to conform to the new aesthetics of the latest version of OpenCart to date (1.5.2.1). It should work for 1.5.1.3 as well, but I have not tested it.

You have the option to turn on a field to collect the customer's CSC number. This number is a security feature utilized by credit cards and is required for some. After you have followed all installation instructions below, go to the Admin panel, select extensions -> payments, and then edit the PayFlow Link option. An option labeled Enable CSC can be enabled or disabled.

### Popup Box:

There is now a link immediately following the input box for the CSC number. When clicked, a pop-up window will come up to explain what a CSC number is and where to find it.

### Files for PayFlow Link Module for Store

/system/csc.html

/image/csc.gif

/image/csccard.gif

/admin/controller/payment/payflowlink.php

/admin/language/english/payment/payflowlink.php

/admin/view/template/payment/payflowlink.php

/catalog/controller/payment/payflowlink.php

/catalog/language/english/payment/payflowlink.php

/catalog/model/payment/payflowlink.php

/catalog/view/theme/default/template/payment/payflowlink.php

**\*\*IMPORTANT\*\*** With PayFlow Link you have several options as far as how much data you want to capture on your site and how much you want handled by them. The default set up is that your site collects the order info and passes it to a form hosted on PayPal. The customer enters their credit card info via PayPal's form and the order is processed. This is the most secure option because you don't collect or transmit any credit card info on your site. All sensitive portions of the transaction take place on PayPal's servers.

What you need to do on PayPal to set it up

1. Log into your PayPal Manager (<https://manager.paypal.com>)
2. Select "Service Settings" from the menu at top.
3. Choose "Configuration"
4. Under the first section "Form Configuration" you'll need to set up the following:

Return URL Method: Post

This just tells it to send the results back to your site as form post variables.

Return URL: <https://yourstoreurl?route=checkout/success>

(so <https://www.mystore.com?route=checkout/success> or whatever)

This is the URL the customer is sent to if the order is successful

If you don't have SSL on your site, use http not https – it's not a concern if you don't, you're not passing back any sensitive info like card numbers or anything

Silent POST URL: Put a check mark in the box and then for the URL put

<http://yourstoreurl?route=payment/payflowlink/confirm>

This is a URL that the success or failure info is sent to even if the customer doesn't click on the button to return to your site. This is important because if they got the success message from PayPal and weren't paying attention they might close out that window without going back to your site and if this wasn't set the order wouldn't show up in your store.

## Testing the Store

Once you have it set up, you should test it thoroughly to make sure everything is working. I set up a clean install of OpenCart on my testing server and tested these files out with our account to make sure that I hadn't made any modifications anywhere else that I was forgetting so you should be fine.

In the PayPal Manager Configuration settings, select "Test" next to "Transaction Process Mode" and save your changes. This will allow you to submit transactions that get handled normally but don't actually make any charges. PayPal provides test credit card numbers that you can use when in this mode. For example, you can use card type Amex, acct # 378282246310005 and any expiration date in the future. In test mode, this will be accepted as a valid card and generate a success response.

### Additional test numbers

Visa: 4111111111111111

Master Card: 5555555555554444

### CSC Testing

Use any three digit number (except 000) to test that the CSC is working properly.

001-300 will be approved

301-599 will fail with a CSC incorrect message

600 and up card will be declined

### Testing AVS (Address Verification System)

Street Number (Approved Results) 000-333 (Approved) 334-666 or higher (Declined)

Example: 24234 Elm St (will be Approved) 79287 Maple Ave (will be Declined)

### AVS ZIP Testing

00000-50000 (Approved Results) 50001-99999 (Declined)

Example: 00382 (Accepted) 94303 (will be Declined)

**\*\*ALL TEST CARD, SCS, STREET, AND ZIP NUMBERS MUST BE APPROVED RANGES FOR TEST TRANSACTIONS TO GO THROUGH. YOU MUST CLICK ON "TEST" IN PAYPAL CONFIG PAGE\*\***