



PayPal PayFlow Pro Configuration

Disclaimer: The following information for setting up a testing environment using a PayPal Sandbox account is provided solely for reference purposes. It's the client's responsibility to contact PayPal support for assistance with setting up and configuring their PayPal Sandbox or Live Business Account.

https://cms.paypal.com/us/cgi-bin/?cmd=render-content&content_ID=developer/howto_gateway_payflow_link

If your campus doesn't currently have a PayFlow account, you may register for a test account.

To sign up for a PayFlow Account:

https://developer.paypal.com/docs/classic/payflow/test_hosted_pages/#create-a-business-account-in-the-sandbox

Developer Main Page

<https://developer.paypal.com/>

Testing Credit Card Numbers

<https://developer.paypal.com/docs/classic/payflow/payflow-pro/payflow-pro-testing/>

Then follow the prompts to supply the required information:

PayPal [Help](#)

Get Started with PayPal Payflow Services [Secure](#)

Welcome. Here's a list of what you'll need to sign up for PayPal's Payflow Services:

What do I need to get started?

- General business information
- Primary business contact information
- Credit Card and Billing Contact Information
- Merchant Bank and Processor Information

After you complete the sign up process you can begin configuring and managing your service(s) with PayPal Manager, your primary online business and service management portal.

[Continue](#)

Important: You can create a test account by clicking on the link above. Do remember, that these accounts can be taken live (activated) if you so choose, so choose your login id accordingly.



Message Center | **Alert Archives**
No Messages

Warning: Do not select to Activate Your Account if you plan on testing the system. Doing so, prompts PayPal to immediately start charging their service fees.

Your Account Status

Name: goprint
Email:
Status: Your account is currently in TEST status. You can run only test transactions.

Activate Your Account

Log in to PayPal Manager, navigate to: <https://manager.paypal.com>

Partner is: PayPal

Enter Merchant login (ID) and password. This is the user name you registered under.

Leave User field blank if additional admin users haven't been configured.

Note: You may add an additional level of security by creating additional user accounts to manage various accounting duties.

The screenshot shows a Windows Internet Explorer browser window with the address bar set to manager.paypal.com. The page title is "PayPal Manager". The main heading is "Manager Login". Below the heading, there is a note: "Leave the Users field blank if you are logging in for the first time, or if you do not have additional users set up." A legend indicates that an asterisk (*) denotes a required field. The login form contains four input fields: "* Partner:", "* Merchant Login:", "User:", and "* Password:". A "Login" button is positioned below the password field. The browser's taskbar shows several open applications, including "Breakdown Express", "Comm100 Login", and "Help Desk Home - goprint - ...".



Testing Mode:

Again, PayPal continues to prompt you to Activate Your Account. Simply ignore for testing purposes!

Message Center | **Alert Archives**

No Messages

Your Account Status

Name: goprint
Email:
Status: Your account is currently in TEST status. You can run only test transactions.

[Activate Your Account](#)

Setting up your Services

Step 1 - Select - Services Setting
then [Set Up](#)

PayPal Manager

Home | Account Administration | **Service Settings**
Hosted Checkout Pages | Fraud Protection | Recur

Service Settings

Customize your secure checkout pages that we host

Hosted Checkout Pages

- [Set Up](#)

Step 2 - Set the transaction processing mode to Test

Set Up

Choose your settings

Here are your current Hosted Checkout Page settings. You can change them on this page to modify the checkout page.

Transaction Process Mode:



Step 3 - Populate both the PayPal and PayPal Sandbox email addresses in the PayPal express checkout section – TESTING ONLY!

Note: the PayPal email address should already be automatically populated for you

PayPal Express Checkout

Add [PayPal Express Checkout](#) to your current hosted checkout page.

How Your Pages Look:

PayPal email address:

PayPal Sandbox email address:

Step 4 - Set the Billing fields required and editable fields in the Billing Information section

Hint: you must also check off the matching fields under the “Make these fields editable” or users will not be able to populate the credit card fields.

Billing Information

Choose the fields your customer will be required to complete during checkout.

This section does not apply to Layout C except for the CSC field.

Make these fields required:	<input checked="" type="checkbox"/> Name	<input checked="" type="checkbox"/> Address	<input checked="" type="checkbox"/> City/Suburb	<input checked="" type="checkbox"/> State/Province	<input checked="" type="checkbox"/> ZIP code/Postal code
	<input checked="" type="checkbox"/> Country	<input type="checkbox"/> Phone	<input checked="" type="checkbox"/> Email address	<input checked="" type="checkbox"/> CSC	
Make these fields editable:	<input checked="" type="checkbox"/> Name	<input checked="" type="checkbox"/> Address	<input checked="" type="checkbox"/> City/Suburb	<input type="checkbox"/> State/Province	<input checked="" type="checkbox"/> ZIP code/Postal code
	<input checked="" type="checkbox"/> Country	<input type="checkbox"/> Phone	<input checked="" type="checkbox"/> Email address	<input checked="" type="checkbox"/> CSC	

Step 5 – Payment Confirmation section

The configuration page provides a message to the user letting them know a payment has been made and the transaction processed.

1. Show Confirmation – set to On my website
2. Enter Return URL:

<https://your-gtx-server.edu:7773>

The Return URL links the user back to the GoPrint Web Client. This return method is called in the coding and automatically returns the user back to the web client without prompting them to press a continue button.



3. Return URL Method - select Post

Post: Returns the customer and transaction data to the Web site that you specify in the Return URL field.

Payment Confirmation

Header and footer text do not apply to Layout C.

Show confirmation page On a PayPal hosted page [Sample](#)
 On my website [Tips](#)

Enter Return URL:

Return URL Method: ▾
Choose Link if you are not sure.

Step 6 - Silent Post for Data Transfer

Ensures that the transaction data is passed back to the GoPrint Web Client when a transaction is completed.

1. Use Silent Post – set to **Yes**

Enter the Silent Return URL of **http://your-gtx-server.edu**

Silent Post for Data Transfer

Use Silent Post: ▾

Enter Silent Post URL:

Void transaction when my server fails to receive data sent by the silent post.

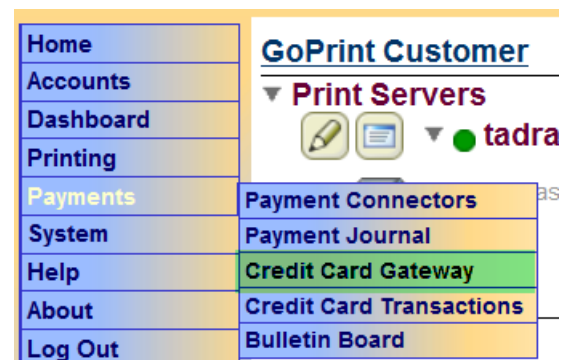
Return URL when Silent Post fails:

It's recommended that the option "Void transaction when my server fails to receive data sent by silent post." is enabled

IMPORTANT: Payflow Pro only supports silent post backs to either port 80 (for http) or port 443 (for https). Therefore port forwarding from either port 7768 or 7770 must be enabled.

GoPrint PayFlow Pro Configuration

Step 1 – Select: Payments – Credit Card Gateway





Home

Credit Card Gateways

These are the Credit Card Gateways currently in the system. You may edit an existing one or create a new one.

Name	Active	Type
No Credit Card Gateways have been defined.		
Add a New Credit Card Gateway		

Step 2 - Press the Plus icon to Add a New Credit Card Gateway

Step 3 - Select: PayPal PayFlow Pro



Step 4 - Enter the required Payflow Pro credit card gateway information

Edit Payflow Pro Credit Card Gateway

General

Name	<input type="text" value="PayPal"/>	Only one Credit Card Gateway may be active at a time.
Environment	<input type="text" value="Test"/>	
PayflowPro User	<input type="text" value="goprintsystems"/>	
Password	<input type="text" value=""/>	Previously Set
Vendor	<input type="text" value="goprintsystems"/>	If you set up one or more additional users on the account, this value is the ID of the user authorized to process additional users on the account, VENDOR has the same value as USER
Partner	<input type="text" value="PayPal"/>	The ID provided to you by the authorized PayPal Reseller who registered you for the Payflow. If you purchase
Transaction Timeout	<input type="text" value="45"/>	
Merchant Service Name	<input type="text" value=""/>	Optional Merchant Service Name field that will map to the
Purchase Order Number	<input type="text" value=""/>	Optional Purchase Order field for mapping to the PONT
User Agreement URL	<input type="text" value="none"/>	Enter the word NONE if you do not require users to ac
Gateway Flat Fee	<input type="text" value="0.00"/>	
Gateway Percentage Fee	<input type="text" value="0.0 %"/>	
User Flat Fee	<input type="text" value="0.00"/>	
Minimum Deposit	<input type="text" value="1.00"/>	
Maximum Deposit	<input type="text" value="25.00"/>	



main Properties



Step 5 - Enable at a PayPoint

Select Credit Card to Quota from the Add Value Option drop down menu and press SAVE

Allowed Purses

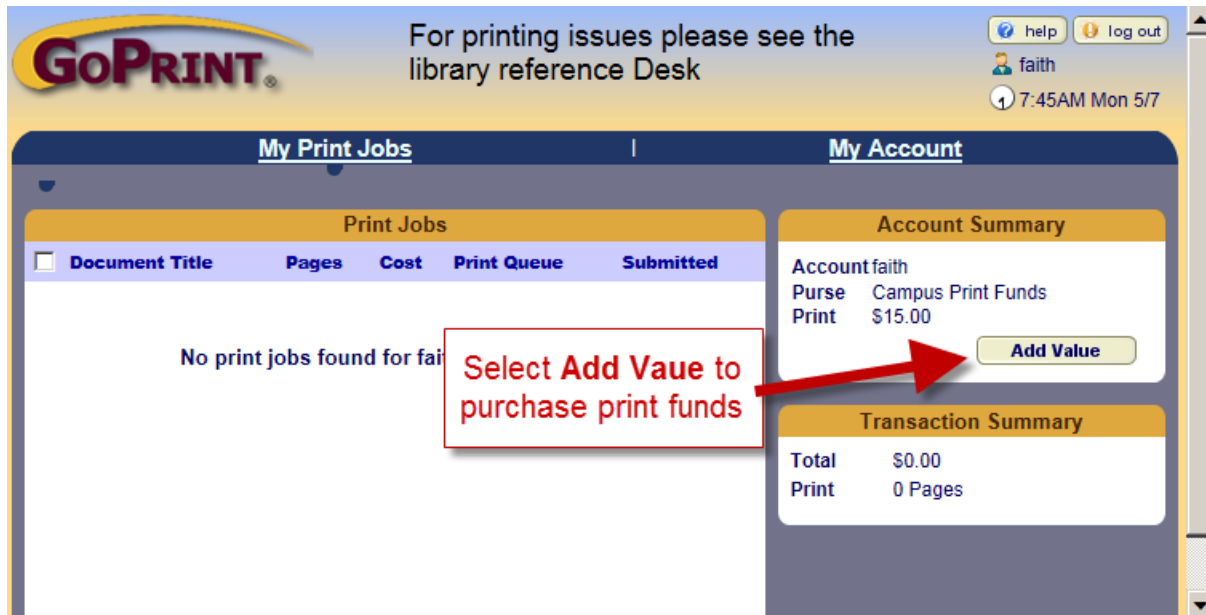
When presented to end-users, purses are sorted by their Sort Order numeric value. Purses with the same sort values are sorted by the purse name.

Default User Class - Campus Print Funds (Quota)

Sort Order	<input type="text" value="10"/>
Payment Connector	<input type="text" value="Quota Connector is Automatic"/>
Add Value Option	<input type="text" value="Credit Card to Quota"/>
Add Value Instructions	<input type="text" value="Not Allowed"/> <input type="text" value="Instructions Only"/> <input type="text" value="Credit Card to Quota"/>
Partial Payment Option	<input type="text" value="Disallow"/>
CC Gateway Acct No	<input type="text"/>

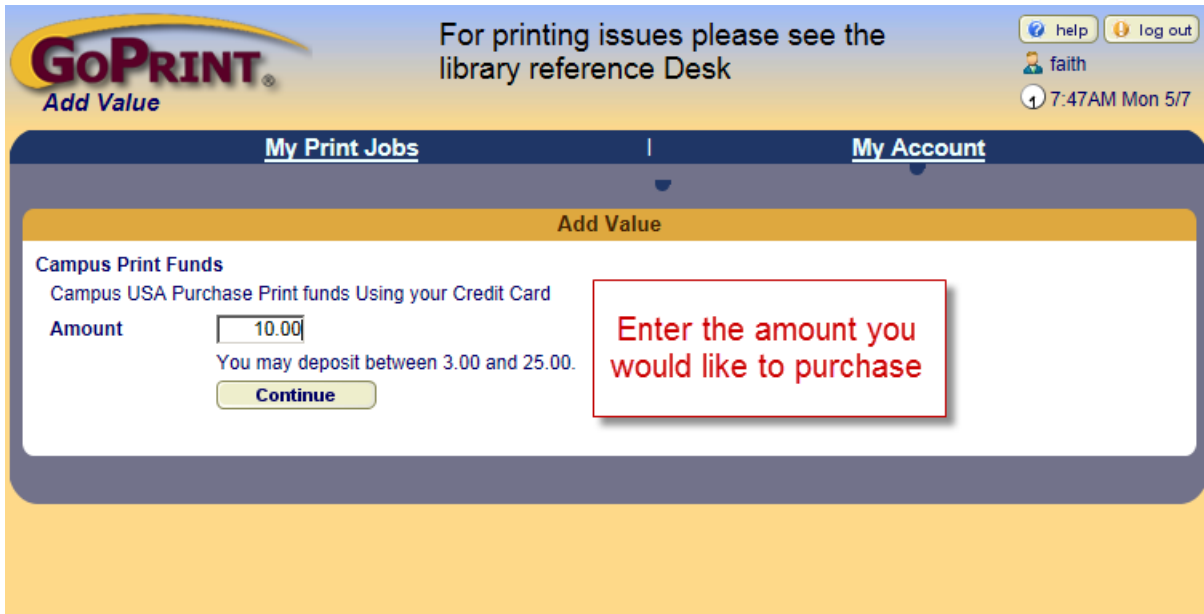
User Payment Experience

Step 1 – log in to your account and press the Add Value button:

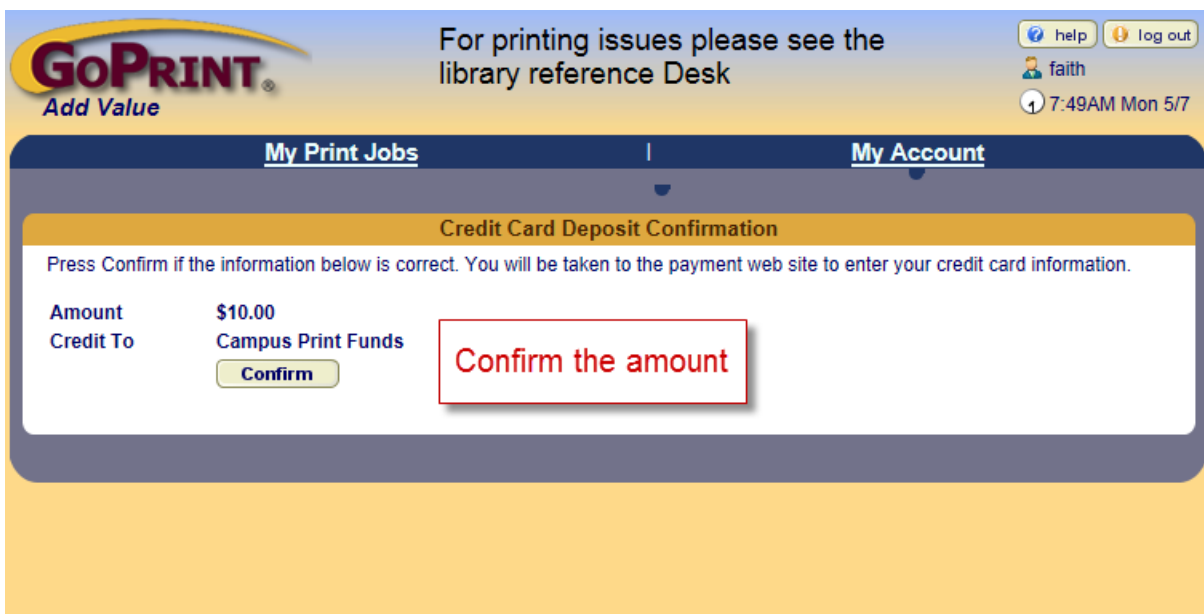




Step 2 - Enter the amount you would like to purchase:



Step 3 - Confirm the amount:

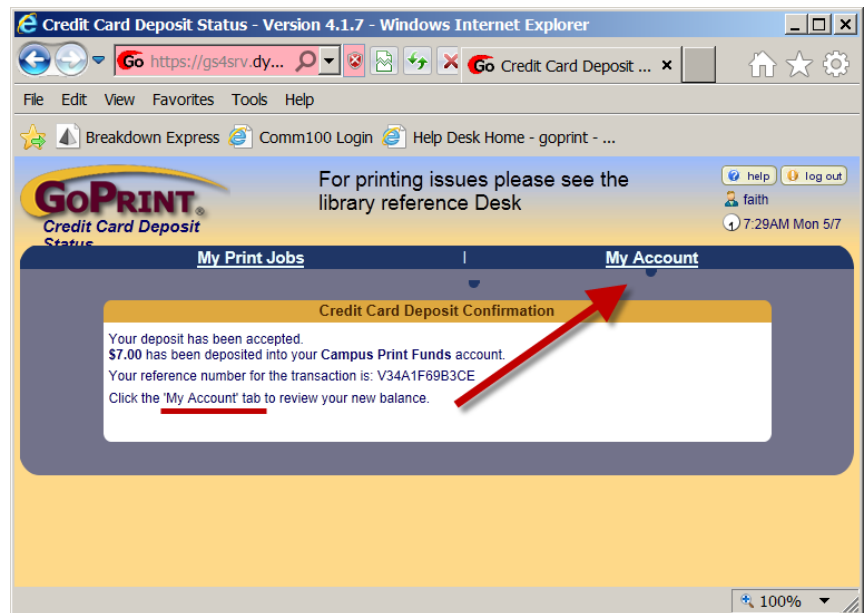




Step 4 – Elect to Pay with your PayPal account or credit card

If successful, the transaction is accepted, amount deposited into your GoPrint account, and the PayPal Reference number is provided.

Click My Account to view your new balance:





Your new balance appears under the Balances section

My Account

Account		Balances		
User ID	faith	Purse	Balance	Credit Available
Name	clark, faith	Campus Print Funds	\$15.00	\$0.00
Email				

Click Transaction History

Add Value

Print Job History | Discarded Job History | **Transaction History**

Document Title	Pages	Cost	Submitted	Printed	Printer
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Scroll down and click the Transaction History to view the actual deposited transaction

Tran No	Tran Date	Purse	Note	Debit	Credit
451	05/01 09:17AM	Campus Print Funds	Quota Schd Deposit for user posted by admin		\$1.00
477	05/03 08:14PM	Campus Print Funds	Credit Card Deposit posted by faith		\$3.00
478	05/04 01:00AM	Campus Print Funds	Quota Schd Withdrawal for user posted by Scheduled Quota	\$3.00	
479	05/04 11:25AM	Campus Print Funds	Credit Card Deposit posted by faith		\$4.00
502	05/05 01:00AM	Campus Print Funds	Quota Schd Withdrawal for user posted by Scheduled Quota	\$4.00	
528	05/06 10:40PM	Campus Print Funds	Credit Card Deposit posted by faith		\$4.00
529	05/07 01:00AM	Campus Print Funds	Quota Schd Withdrawal for user posted by Scheduled Quota	\$4.00	
530	05/07 07:29AM	Campus Print Funds	Credit Card Deposit posted by faith		\$7.00
531	05/07 07:33AM	Campus Print Funds	Credit Card Deposit posted by faith		\$7.00

Purse: All Purses 9 transactions




Troubleshooting Errors

This error indicates an issue with the Silent Post URL

1. An issue with the PayPal server exists. PayPal server may be down.
2. Ports 80,7768, or 443 are blocked
3. A typo exists for the silent URL under PayPal Manager. Should be:

Silent Return URL of **http://your-gtx-server.edu**



Some required information is missing or incorrect. Please correct the fields below and try again.

- Error: Your transaction was approved! However, a communication error with the merchant's site occurred. The transaction has been voided, please contact the merchant.

Transactions in question will appear as Started. If so, it may be required to manually confirm the transactions by clicking Details and then follow the prompts to confirm.

Payments – Credit Card Transactions

<input type="checkbox"/>	751	faith	2012-05-07 07:49:19	Started	None		\$10.00	Details
<input type="checkbox"/>	752	faith	2012-05-07 10:08:38	Started	None		\$5.00	Details
<input type="checkbox"/>	753	faith	2012-05-07 10:09:28	Started	None		\$7.00	Details
	754	faith	2012-05-07 10:10:58	Confirmed	V25A1F69AE73	Approved	\$7.00	Details
	755	faith	2012-05-07 10:31:41	Confirmed	V35A1F6A1B98	Approved	\$7.00	Details
	756	faith	2012-05-07 10:40:49	Confirmed	V35A1F6A1ECF	Approved	\$7.00	Details

Press Confirmed or Rejected or Error indicated the reason for the manual confirmation amount

Credit Card Transaction Details

Account	faith
Purse	Campus Print Funds
Date	2012-05-07 10:09:28
Pay Point	main
Payment Source	WC
Processing Status	Started
CC Transaction #	753
Gateway Reference Number	
Gateway Messages	none
Amount Attempted	\$7.00
Manual Confirmation	<input type="button" value="Confirmed"/> <input type="button" value="Rejected"/> <input type="button" value="Error"/>



The incorrect PayPal email account was entered in PayPal Manager under Express Account settings. If in test mode, the PayPal Sandbox account email address also needs to be specified.

