

Smith Module Payment Gateway Setup Guide v.5.0



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1. Gateways Supported

The following table list all the payment gateways supported for each Smith Module that processes payment transactions.

Payment Gateway	Smith Cart	Smith Reg Pro	Business Directory	Auth Only Tran Type
Amazon Checkout	X			
ANZ eGate (Bank Hosted)	X	X		
Authorize.Net AIM	X	X	X	X
Authorize.Net AIM Emulator	X	X		
Authorize.Net SIM (Bank Hosted)	X	X		
Authorize.Net Recurring Billing (ARB)	X	X		
BarclayCard (Bank Hosted)	X	X		
BeanStream	X	X		
BluePay	X	X		
C-BOSS (Bank Hosted)	X	X		
Check2Pay	X	X		
Cybersource (WCF)	X	X		
DIBs FlexWin (Bank Hosted)				
DPS Payment Express (Bank Hosted)	X	X		
Elavon Internet Secure	X	X		
Elavon Virtual Merchant	X	X		
E-xact	X	X		
eProcessing Network	X	X		
eWay (eway.com.au)	X	X		

eWay – RapidAPI	X	X		
First Data E4	X	X		
First Data Global Connect PayPlus Form	X	X		
First Data Global Connect Web Service	X	X		
Google Checkout	X			
Merchant E-Solutions	X	X		
Moneris E-SelectPlus Direct	X	X		
Moneris E-SelectPlus Hosted	X	X		
MyGate (South Africa) - Hosted Payment Page and 3D Secure	X	X		
National Payment Provider (Bank Hosted)	X	X		
Netaxept (Bank Hosted)	X	X		
NMI	X	X		
PayJunction	X	X		
Paymex (New Zealand)	X	X		
PayPal Adaptive Payments	X	X		
PayPal Adaptive Instant Payments Notification (IPN)	X	X		
PayPal Website Payments Standard	X	X	X	
PayPal Standard Instant Payments Notification (IPN)	X	X		
PayPal Website Payments Pro	X	X		
PayPal PayFlow Pro	X	X		
PayTrace	X	X		
PayWay by WestPac (payway.com.au) Bank Hosted	X	X		
QuickBooks Merchant Services (QBMS)	X	X		
QuickBooks – Innovative Gateway	X	X		

Realtors Electronic Commerce Network	X	X		
RedFin Network	X	X		
Sage Payment Solutions	X	X		
Sage Pay (Direct , Direct w/3DSecure, Bank Hosted)	X	X		
SecurePay - Australia Post	X	X		
Setcom - Hosted Payment Page	X	X		
SkipJack	X	X		
SkipJack Advanced Processor API	X	X		
Spanish Confederation Virtual POS (ceca.es)	X	X		
Transaction Express	X	X		
TransFirst – Transaction Central	X	X		
UGSPAY	X	X		
USA ePay	X	X		
WorldPay (Direct with 3D Secure and Bank Hosted)	X	X		
WorldPay – CardSave (Bank Hosted)	X	X		
Custom Web Service – Develop your own plugin to SmithAPI (hosted and direct gateway support)	X			
Manual Processing (No Gateway) - Allows you to configure the module without real time credit card processing. If you choose this option the module saves the customer, order and credit card information in the database and you have the option to process the credit card transaction at a later time manually through your credit card terminal or virtual terminal.	X	X	X	

2. *Recurring Billing Support*

The following table lists which Smith modules support recurring billing payment gateways transactions.

Payment Gateway	Smith Cart	Reg Pro	Billing Manager	Business Directory
Authorize.Net	X	X	X	X
BluePay	X	X	X	
First Data Linkpoint	X	X		
PayPal Website Payments Standard	X	X	X	X
PayPal Website Payments Pro	X	X	X	
PayTace	X	X		
eWay	X	X	X	
NMI	X	X	X	
Skipjack	X	X	X	

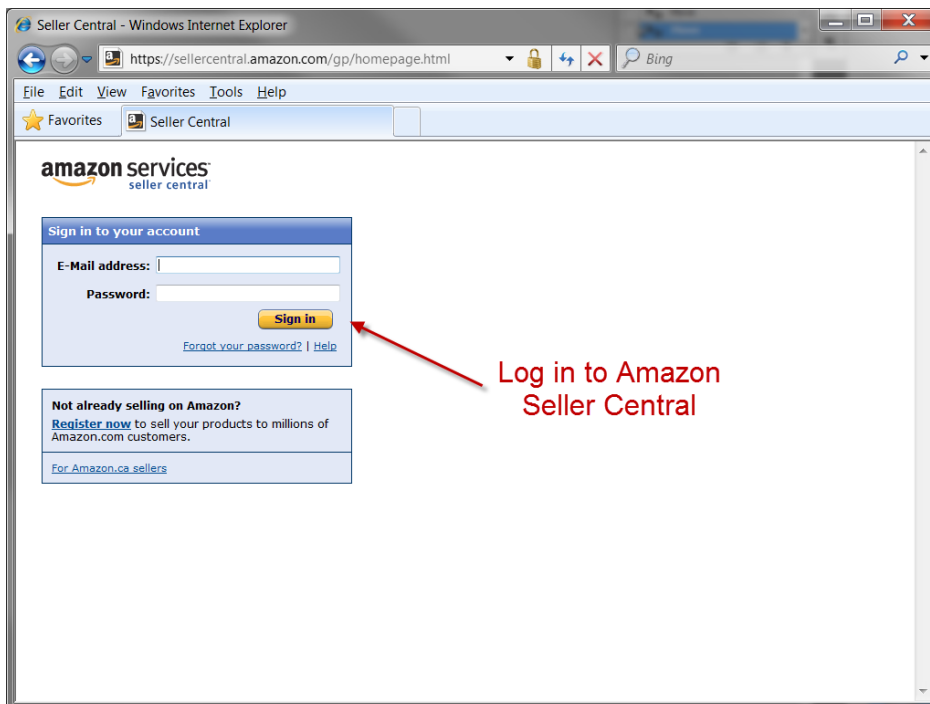
Note: Either Smith Cart or Smith Registration Pro can be used to pay invoices created by Smith Billing Manager; therefore Billing Manager works with all the gateways listed under the Smith Cart and Registration Pro modules.

3. *Amazon Checkout*

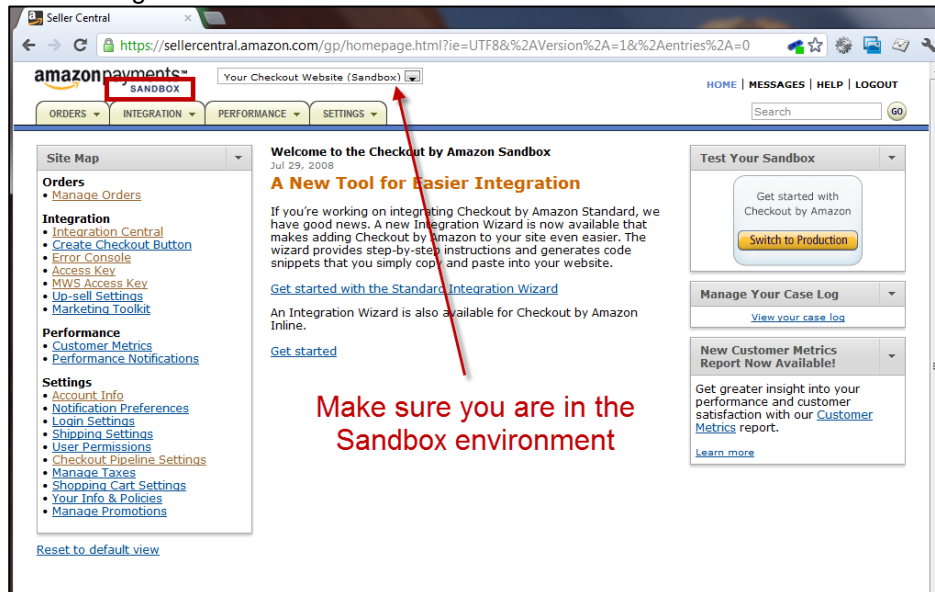
Smith Cart is integrated with Amazon.com’s Checkout by Amazon. Checkout by Amazon provides an easy way to accept payments in SmithCart. Amazon Payments handles the payment and generates a payment receipt.

Checkout by Amazon provides your customers the faster way to check out with Inline Checkout. With Inline Checkout, buyers click the Checkout with Amazon button and quickly complete the purchase, remaining on your site during the entire checkout process.

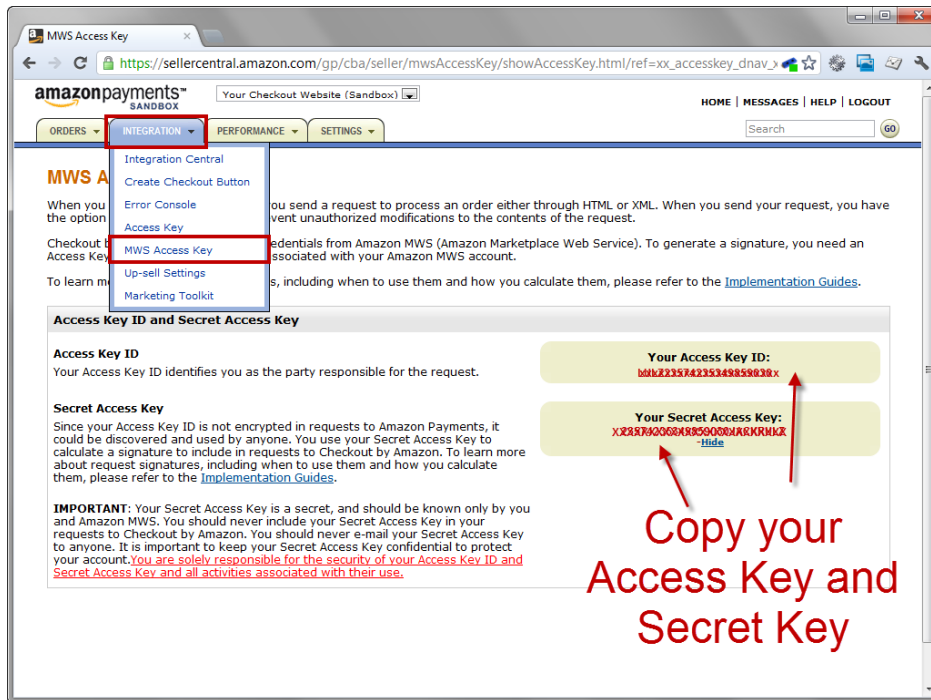
Use the following steps to setup your SmithCart module with Checkout by Amazon:



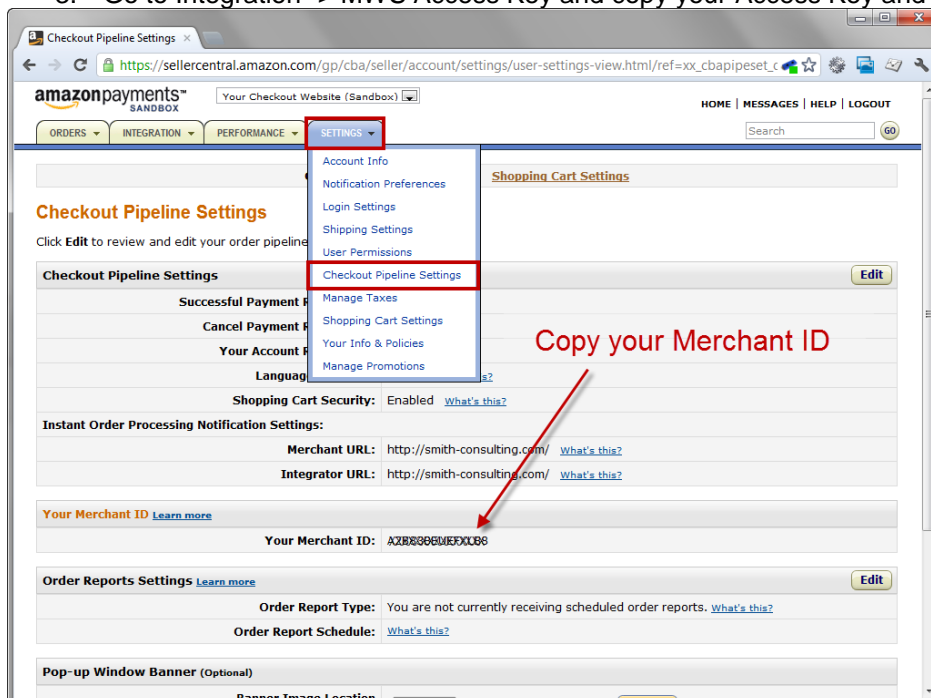
1. Login to sellercentral.amazon.com



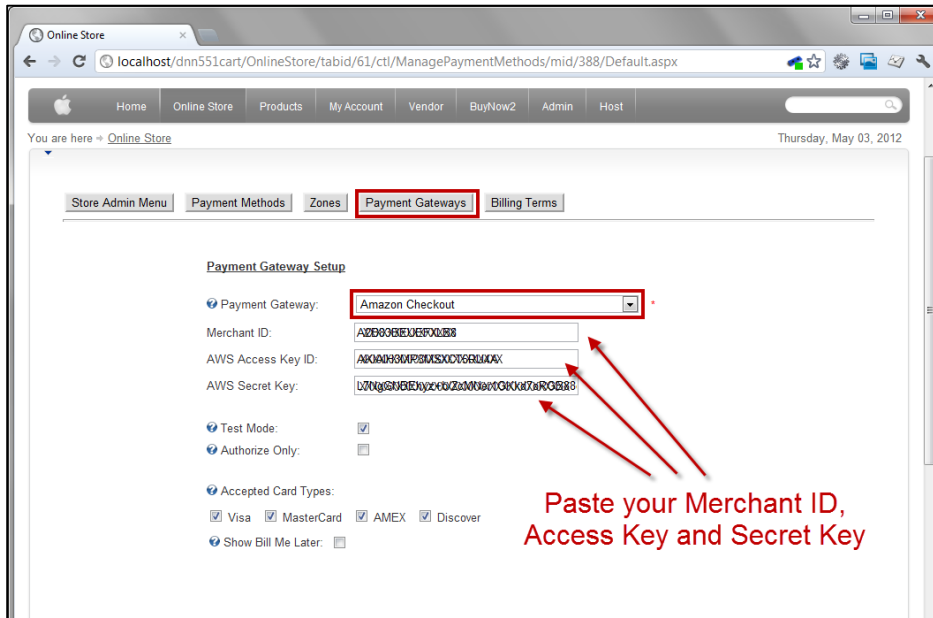
2. Make sure Sandbox is selected for testing purposes. When you are ready to go live, select Production and repeat the steps below.



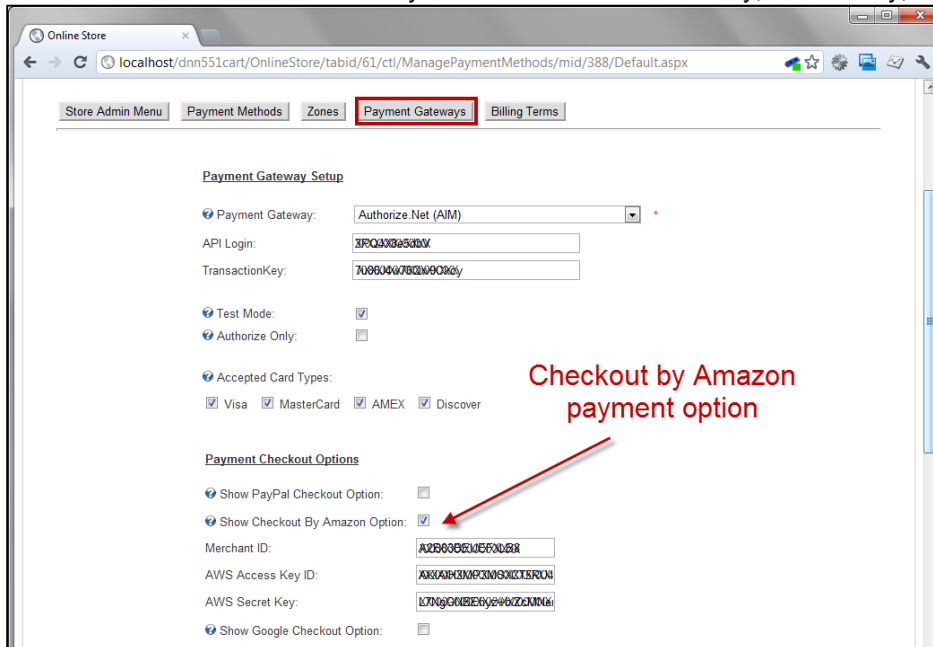
3. Go to Integration -> MWS Access Key and copy your Access Key and Secret Key



4. Go to Settings -> Checkout Pipeline Settings and copy your Merchant ID



5. Go to Admin Menu -> Payment Settings -> Payment Gateways and put in the values you obtained from Checkout By Amazon for the Access Key, Secret Key, Merchant ID



You can also use Amazon as an additional checkout option if you have another gateway configured as your primary gateway.


- Amazon has strict rules on how long they will allow each store to take to ship an item. If you do not mark orders as shipped within the time period they allow, Amazon will cancel the order and refund the customer. Make sure you are keeping up with orders in Seller Central!

- Amazon requires that your site use an SSL certificate from one of the certificate authorities on [this list](#) for their callbacks. If you are using a cert from another CA, you will not be able to use Checkout by Amazon.
- <https://payments.amazon.com/sdui/sdui/helpTab/Checkout-by-Amazon/Technical-Resources/SSL-Certificates-and-the-Callback-API>

When your Amazon Checkout is configured, your users will be able to checkout with the Checkout with Amazon button seen in the screen shot below:

SHOPPING CART

[CONTINUE SHOPPING](#) [SAVE CART](#) [VIEW SAVED CART](#) [CHECKOUT ▶](#)

Product	Unit Cost	Quantity	Line Total
 World Industries	\$3.00	<input type="text" value="1"/>	Remove \$3.00

[CLEAR CART](#) [UPDATE QUANTITY](#)

Coupon

Enter Coupon Code:

[APPLY COUPON](#)

Total

Sub Total :	\$3.00
Discount :	-\$0.00
Shipping Fee :	\$0.00
Handling Charge :	\$0.00
Sales Tax 0% :	\$0.00
Total :	\$3.00

Ship To

First Name:

Last Name:

Address:

City:

Country:

State/Region:

Postal Code:

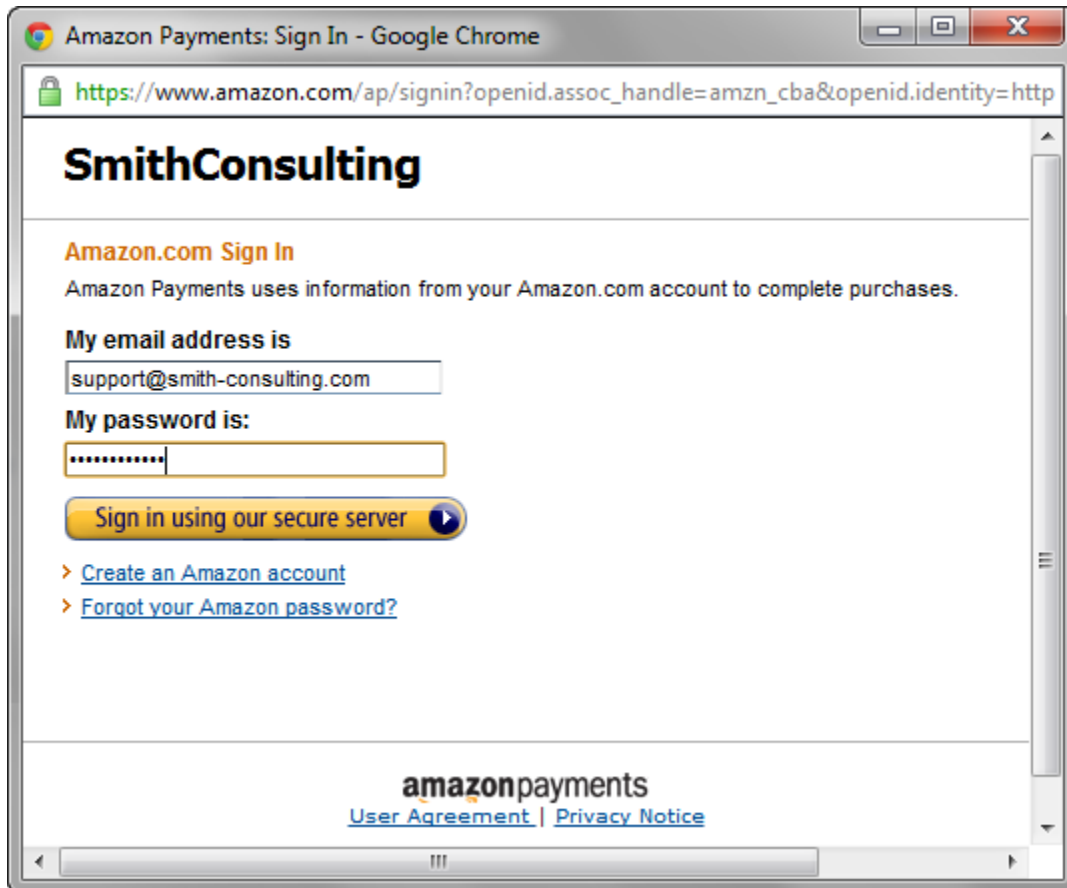
Shipping Method:

[CALCULATE SHIPPING](#)

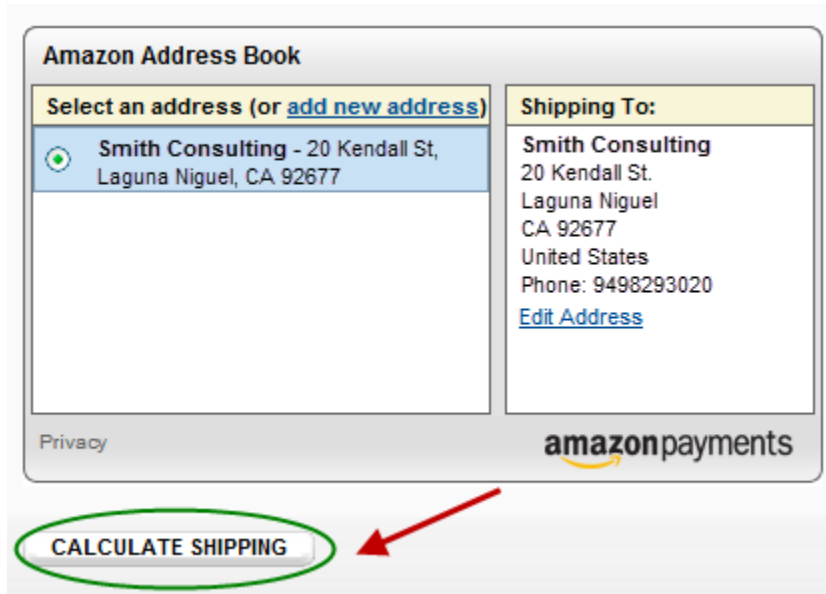
[BACK](#)

[Checkout with amazon](#)

The following popup will appear, prompting customers to log in to their Amazon account:



Once the customer is signed in to their Amazon account, the shipping information will populate from their Amazon Address Book. They will then need to click the "Calculate Shipping" button, as seen in the screenshot below:




The screenshot displays the Amazon Address Book interface. It features a header "Amazon Address Book" and two main sections. The left section, titled "Select an address (or [add new address](#))", contains a list of addresses with a radio button next to the selected one: "Smith Consulting - 20 Kendall St, Laguna Niguel, CA 92677". The right section, titled "Shipping To:", displays the details of the selected address: "Smith Consulting", "20 Kendall St.", "Laguna Niguel", "CA 92677", "United States", "Phone: 9498293020", and a link for "[Edit Address](#)". At the bottom left of the form is a "Privacy" link, and at the bottom right is the "amazonpayments" logo. Below the form is a "CALCULATE SHIPPING" button, which is circled in green and has a red arrow pointing to it from the right.

The shipping address that the customer selects will then auto-populate in the checkout page:

SHOPPING CART

[CONTINUE SHOPPING](#)
[SAVE CART](#)
[VIEW SAVED CART](#)
[CHECKOUT ▶](#)

Product	Unit Cost	Quantity		Line Total
 World Industries	\$3.00	<input style="width: 40px;" type="text" value="1"/>	Remove	\$3.00

[CLEAR CART](#)
[UPDATE QUANTITY](#)

Coupon

Enter Coupon Code:

[APPLY COUPON](#)

Total

Sub Total : \$3.00

Discount : -\$0.00

Shipping Fee : \$5.20

Handling Charge : \$0.00

Sales Tax 0% : \$0.00

Total : \$8.20

Ship To

Name: Smith Consulting

Address: 20 Kendall St

City: Laguna Niguel

Country: United States

State/Region: California

Postal Code: 92677

Ship Method:

[CHANGE SHIPPING](#)

[BACK](#)
[PROCEED TO CHECKOUT ▶](#)

The next step of the checkout process is shipping. The address selected from the Amazon address book will populate itself in the fields of the next screen:

STEP 1

Welcome **Shipping** Payment Method Confirmation

First Name:*

Last Name:*

Address Line 1:*

Address Line 2:

City:*

Country:

State/Region:*

Zip/Postal Code:*

Email:*

Primary Phone:*

Secondary Phone:

May we contact you with product updates and special offers

BACK

NEXT ►


The credit card information will also populate from the user's Amazon account:

STEP 2

Welcome Shipping **Payment Method** Confirmation

Payment Method

Choose credit card Add new	Pay With:
<input type="radio"/> Visa ****2840	Visa ****0653
<input checked="" type="radio"/> Visa ****0653	

Privacy 

BACK **NEXT ▶**

* [Billing Details](#) [Click Here](#)

When the user selects a payment method, they will be taken to the confirmation screen:

CONFIRM

[Welcome](#)
 [Shipping](#)
 [Payment Method](#)
 [Confirmation](#)

Payment Method

Pay With:


Visa ****0653

Privacy 

Amazon Address Book

Shipping To:

Smith Consulting
 20 Kendall St.
 Laguna Niguel
 CA 92677
 United States
 Phone: 949-829-3020

Privacy 

Order Details:

	Product	Unit Price	Quantity	Line Total
	World Industries	\$3.00	1	\$3.00

Sub Total : \$3.00
 Shipping Fee : \$5.20
 Discount : -\$0.00
 Sales Tax 0% : \$0.00
Total : \$8.20

[BACK](#)

[SUBMIT ORDER](#)

Once the transaction is complete, the final screen is the Confirm Status page:

CONFIRM STATUS


Thank You! Your order is confirmed.

Order Confirmation - Order ID: 27

Shipping Information
Smith Consulting 20 Kendall St Laguna Niguel United States California 92677 Parcel Post -- \$5.20

Billing Information
Payment Type: Amazon Checkout Account No:

Order Details:

Product Name	Unit Price	Quantity	Line Total
 World Industries	\$3.00	1	\$3.00

Sub Total : \$3.00
 Discount : -\$0.00
 Shipping Fee : \$5.20
 Sales Tax 0% : \$0.00
Total : \$8.20

CONFIRM STATUS

Thank You! Your order is confirmed.

Order Confirmation - Order ID: 27

Shipping Information
Smith Consulting 20 Kendall St Laguna Niguel United States California 92677
Parcel Post -- \$5.20

Billing Information
Payment Type: Amazon Checkout Account No:

Order Details:

	Product Name	Unit Price	Quantity	Line Total
	World Industries	\$3.00	1	\$3.00

Sub Total : \$3.00
Discount : -\$0.00
Shipping Fee : \$5.20
Sales Tax 0% : \$0.00
Total : \$8.20

The Benefits of Using Checkout by Amazon

- You gain access to tens of millions of active Amazon.com account holders.
- You provide a safe and secure way for your buyers to pay for orders on your website.
- Your buyers see the Amazon Payments mark, so they are confident that their payment information is secured by Amazon Payments.

4. **Authorize.Net (AIM)**

Smith Cart is integrated with Authorize.Net's Advanced Integration Method (AIM).

The following credentials are required by the Authorize.Net gateway:

API Login - This is a required field for the Authorize.net gateway. API Login is a unique id that identifies you with the gateway provider.

Transaction key - This is the gateway password and is a required field.

Please Note: Authorize.Net expires their test accounts after 30 days. You can apply for an Authorize.Net test account using the following link <http://developer.authorize.net/testaccount/>

5. **Authorize.Net (SIM)**

Authorize.Net Server Integration Method (SIM) provides a customizable, secure hosted payment form to alleviate security requirements of SSL and PCI.

The following credentials are required by the Authorize.Net gateway:

API Login - This is a required field for the Authorize.net gateway. API Login is a unique id that identifies you with the gateway provider.

Transaction key - This is the gateway password and is a required field.

Receipt Link Text – Enter the text that you want to be displayed on the button on the Authorize.Net payment confirmation page. When the user clicks the button at Authorize.Net they will be returned to your DNN portal.

To obtain your API Login and Transaction Key login to your Authorize.Net virtual terminal as follows:

- Log Into Authorize.Net
- On the first page, look for the “Account” section at the bottom left hand side. Click on “Settings”.
- On the settings page, click on “API Login ID and Transaction Key”, which is located in the “Security Settings” section.
- Your API login Id should show on the API Login ID page, and to obtain a transaction Id, follow the instructions in the “Create New Transaction Key” section.

There are a number of settings that can be configured to make your Smith Registration Authorize.Net integration more seamless for you and for your users. By logging into your Authorize.Net account, you can control the look and feel of the Authorize.Net payment form, email your users a payment receipt after they successfully fill out the Authorize.Net payment form, and configure your Authorize.Net account to automatically send updates regarding the status of a form’s payment.

A. **Configuring the Authorize.Net Return URL**

1. On the first page, look for the “Account” section at the bottom left hand side. Click on “Settings”.
2. Click on “Response/Receipt URLs”, which is located in the “Transaction Format Settings” section.
3. Click on the “Add URL” link that is located in the Response/Receipt URL page.

4. You will then see a textbox where you can add your form's unique URL. Navigate to the confirm page of the Smith Registration (the page with the process payment button) and cut and paste the URL from your browser window to the Authorize.Net response URL field.

B. Customize Authorize.Net Payment Form

Since your users will be redirected to a secure Authorize.Net payment form to fill in their billing information, you may want to customize the look and feel of the payment form to match your website to provide a seamless user experience. In order to customize the Authorize.Net payment form please do the following:

1. Log Into Authorize.Net - <https://account.authorize.net/>
2. On the first page, look for the "Account" section at the bottom left hand side. Click on "Settings".
3. On the settings page, the first section is labeled "Transaction Format Settings". In that section, click on "Payment Form".
4. In the payment form area, you can customize the header, footer, color settings, and the form fields that appear on the Authorize.Net payment form. To customize each area, just click on the appropriate link.

C. Send Your Users a Receipt

If you collect a user's email address when they complete the Authorize.net payment form, you can opt to send them receipt via email. To do this:

1. Navigate to the "Settings" section as described in the previous section.
2. Click on "Email Receipt" which is located in the "Transaction Format Settings" section.
3. Check "Email transaction receipt to customer (if email address is provided)"
4. Add any text that you would like to be sent to your users in the email receipt.

Note: If you want your users to receive an email confirmation receipt from Authorize.Net after they successfully pay through Authorize.net, you must collect their email address. To ask for an email address, customize the form fields to ask for "Email" in the "Customer Billing Information" section. Smith Cart automatically sends an email confirmation receipt so configuring Authorize.Net to send a receipt is not required.

D. Setting up recurring billing on the Authorize.Net Payment Form

To setup recurring billing on the Authorize.Net payment form you can configure a new field on the authorize.net payment form called Recurring Billing Transaction which indicates whether the transaction is a recurring billing transaction.

To configure additional fields that you would like to appear on your payment form follow these steps:

1. Log into the Merchant Interface at <https://secure.authorize.net>
2. Click Settings under Account in the main menu on the left
3. Click Payment Form in the Transaction Format Settings section
4. Click Form Fields
5. Click to select the checkbox(s) in the View column next to the fields you would like to display on your payment form
6. For each field you are adding, click to select the check boxes in the Edit and Required columns if you would also like to configure either or both of these attributes for the field
 - a. View – The customer can view but not edit the information. For example, if you would like to display an invoice number. Information that is View only should be submitted with the transaction information to the payment gateway. Contact your Web developer for more information.
 - b. Edit – The customer can view and/or edit the information but the field is not required to submit the transaction. For example, if you would like to collect but not require the customer's email address, configuring the field as View and Edit allows the customer to provide this information with the transaction.
 - c. Required – The customer must provide the information in order to submit the transaction. For example, if you would like to require the customer's card code. When requiring this field, the View, Edit and Required attributes must be configured.
7. Click Submit

Be sure to test your payment form anytime you update fields and their attributes to be sure that it meets your requirements.

See the following url at Authorize.Net for more info on configuring your payment form

<http://www.authorize.net/support/merchant/>


Navigate to section Form Settings and Customizing the Hosted Payment Form.

E. Authorize.Net Payment Pages

In Smith Cart you add items to your cart and checkout. When you are on the final cart checkout screen (Confirm page) and you click the "Submit" button you will transferred over to the Authorize.Net payment page to enter your credit card number and billing information.

The following are screen shots of the Authorize.Net payment pages:

Authorize.Net Payment Page:








SECURE CHECKOUT

Order Information * Required Fields

Total: US \$50.00

Payment Information

Pay by Credit Card Bank Account (USA only)



Card Number: * (enter number without spaces or dashes)

Expiration Date: * (mmyy)

Card Code: [What's this?](#)

Billing Information


First Name: * Last Name:

Address:

Zip/Postal Code:

Authorize.Net Confirmation/Receipt Page:

Receipt Page



[Return to Smith Consulting](#)

Thank you for your order!

You may print this receipt page for your records.

Merchant:	Mass Test
Date/Time:	29-Sep-2008 12:20:59 AM
Transaction ID:	2147523982
Authorization Code:	e0tsuN
Payment Method:	Visa ****1881
Total:	US \$50.00

Billing Information
Mike Perry
20 apple
92677

All Rights Reserved

F. Authorize.Net Errors

The following are a couple common errors that you may run into if you haven't configured your Authorize.Net (SIM) account and payment pages correctly:

(13) The merchant login ID or password is invalid or the account is inactive. - This error occurs when either your login Id or transaction key are invalid. Please refer to the section on Configuring Authorize.net above and make sure that you have obtained the proper login Id and transaction key.

(14) The referrer, relay response or receipt link URL is invalid. - This error occurs when you have not entered a response/relay URL into Authorize.net, or the response/relay URL

6. Cybersource (WCF)

Smith Cart is integrated with the Cybersource payment gateway. Smith Cart is integrated with Cybersource using the Cybersource WCF .NET SOAP toolkit integration method

The following credentials are required by the Cybersource gateway:

Merchant ID - This is a required field for the Cybersource gateway. Merchant ID is your unique gateway id that identifies you with the Cybersource gateway provider.

Transaction Key - This is the gateway password and is a required field.

To get your Cybersource gateway Merchant ID and Transaction Key you need to login to your Cybersource Virtual Terminal or Contact Cybersource directly. You should generate two transaction security keys—one for the CyberSource production environment and one for the test environment.

Web.Config Entries

In order for the Cybersource gateway to work properly you will need to update your web.config file and add the following sections:

1. Find the <system.serviceModel> node and within it add the following two bindings in the <basicHttpBinding> section:

```
<binding name="ITransactionProcessor" closeTimeout="00:01:00" openTimeout="00:01:00"
receiveTimeout="00:10:00" sendTimeout="00:01:00" allowCookies="false"
bypassProxyOnLocal="false" hostNameComparisonMode="StrongWildcard"
maxBufferSize="2147483647" maxBufferPoolSize="2147483647"
maxReceivedMessageSize="2147483647" messageEncoding="Text" textEncoding="utf-8"
transferMode="Buffered" useDefaultWebProxy="true">
  <readerQuotas maxDepth="2147483647" maxStringContentLength="2147483647"
maxArrayLength="2147483647" maxBytesPerRead="2147483647"
maxNameTableCharCount="2147483647"/>
  <security mode="TransportWithMessageCredential">
    <transport clientCredentialType="None" proxyCredentialType="None" realm=""/>
    <message clientCredentialType="UserName" algorithmSuite="Default"/>
  </security>
</binding>
```

```
<binding name="ITransactionProcessor1" closeTimeout="00:01:00" openTimeout="00:01:00"
receiveTimeout="00:10:00" sendTimeout="00:01:00" allowCookies="false"
bypassProxyOnLocal="false" hostNameComparisonMode="StrongWildcard"
maxBufferSize="2147483647" maxBufferPoolSize="2147483647"
maxReceivedMessageSize="2147483647" messageEncoding="Text" textEncoding="utf-8"
transferMode="Buffered" useDefaultWebProxy="true">
  <readerQuotas maxDepth="2147483647" maxStringContentLength="2147483647"
maxArrayLength="2147483647" maxBytesPerRead="2147483647"
maxNameTableCharCount="2147483647"/>
  <security mode="TransportWithMessageCredential">
    <transport clientCredentialType="None" proxyCredentialType="None" realm=""/>
    <message clientCredentialType="UserName" algorithmSuite="Default"/>
  </security>
</binding>
```


2. Find the <system.serviceModel> node and within it add the following two endpoints in the <client> section:

```
<client>
  <endpoint address="https://ics2wstest.ic3.com/commerce/1.x/transactionProcessor"
binding="basicHttpBinding" bindingConfiguration="ITransactionProcessor"
contract="CyberSource.ITransactionProcessor" name="portXML" />

  <!--<endpoint address="https://ics2ws.ic3.com/commerce/1.x/transactionProcessor"
binding="basicHttpBinding" bindingConfiguration="ITransactionProcessor"
contract="CybersourceTxn.ITransactionProcessor" name="portXML" />-->
</client>
```

3. Save the changes to your web.config file

Please Note: In step 2 above there are 2 endpoints; the first one, which is uncommented is the Cybersource “test” endpoint. The second endpoint which is commented is the “Live” endpoint. When you’re ready to go live, you will need to comment the “test” endpoint and uncomment the “live” endpoint as follows:

```
<client>
  <!--<endpoint address="https://ics2wstest.ic3.com/commerce/1.x/transactionProcessor"
binding="basicHttpBinding" bindingConfiguration="ITransactionProcessor"
contract="CyberSource.ITransactionProcessor" name="portXML" />-->

  <endpoint address="https://ics2ws.ic3.com/commerce/1.x/transactionProcessor"
binding="basicHttpBinding" bindingConfiguration="ITransactionProcessor"
contract="CybersourceTxn.ITransactionProcessor" name="portXML" />
</client>
```

7. Google Checkout

Google Checkout is a checkout process that you can offer in your store to enable customers to buy from you quickly and securely, using a single username and password. Once they make a purchase, you can use Checkout to charge their credit cards, process their orders, and receive payment in your bank account.

1. Log in to the Google Checkout Merchant Center Sandbox:
<https://sandbox.google.com/checkout/sell/settings?section=Integration>
2. Find your **Merchant ID** and **Merchant Key** in the upper-right corner and make note of these. Make sure **Shopping Cart Post Security** is checked and **Callback Contents** is set to **XML**.



Integration settings

Shopping cart post security
 My company will only post digitally signed carts. [?]

API callback URL (Level 2 integrations only) [?]
 Specify a URL for Google to notify when an order is placed. [?]
 API callback URL:

Callback contents:

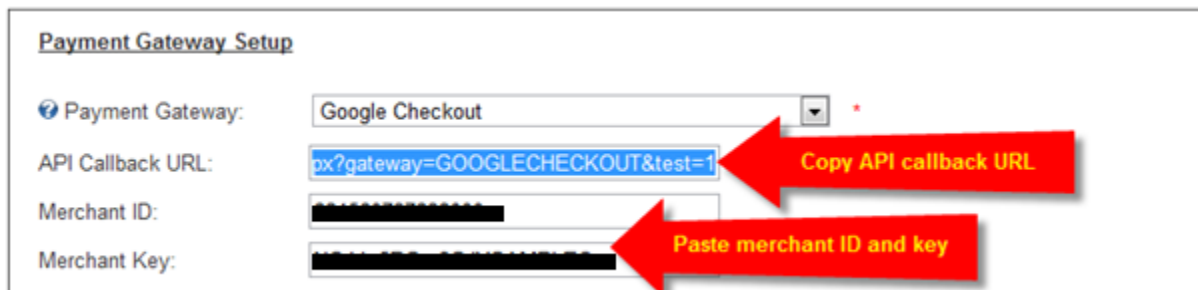
- Notification Serial Number
e.g. serial-number=123-456-7
- Notification as XML (Requires an HTTPS URL)
e.g. <google-order-number>123</google-order-number>
- Notification as HTML (name/value pairs) (Requires an HTTPS URL)

Integration documentation
 Integration developer's guide
 Google Checkout discussion group

Account information
 Google merchant ID: [REDACTED]
 Google merchant key: [REDACTED]

Annotations:
 - Red arrow: **Enable security** (points to the security checkbox)
 - Red arrow: **Paste API callback URL** (points to the API callback URL field)
 - Red arrow: **Copy merchant ID and key** (points to the merchant ID and key fields)
 - Red arrow: **Choose XML notifications** (points to the XML notification radio button)
 - Red stamp: **Sandbox** (points to the account information section)

3. Go to **BuyNow > Settings > Payment Gateways**, select **Google Checkout**, and paste your Merchant ID and Merchant Key. Make sure the **Test Mode** setting is checked.
4. Copy the **API Callback URL** from the Payment Gateways page, then go back to the Google Merchant Center Sandbox and paste the URL into the textbox. Remember to click **Save** when finished.



Payment Gateway Setup

Payment Gateway:

API Callback URL:

Merchant ID:

Merchant Key:

Annotations:
 - Red arrow: **Copy API callback URL** (points to the API Callback URL field)
 - Red arrow: **Paste merchant ID and key** (points to the Merchant ID and Key fields)

5. Click **Save** on the Payment Gateways page.
6. Before testing, be sure to sign out of the Google Merchant Center Sandbox.
7. Go to SmithCart and check out as normal. You will be redirected to Google Checkout. You can use any Google account to check out except it can't be the same account as your merchant account. Set up a test credit card as your payment method, continue checking out and then click **Place Order**.
8. To verify the order, log in to the Google Merchant Center Sandbox and click on **Orders**.
9. To verify the payment, go to **BuyNow > Settings > Payment History**. If the payment was authorized and the API callback was successful, the Payment Status will be marked as **True** and the Auth Code column will display the Google order number.

PayType	AcctNo	Message	Status	Auth Code
GOOGLECHECKOUT	Hosted Gateway	bea6bc1b-e1e2-44fe-80ff-2191...c2510	True	841171949013218

When you are ready to switch from Sandbox to Production, log in to your Google Merchant Center account (not the Sandbox) and repeat Steps 2-3 to replace your Sandbox Merchant ID and Key with your Production Merchant ID and Key. Also remember to uncheck Test Mode on the Payment Gateways page and copy the new API callback URL.

When your Google Checkout gateway is fully configured, your customers will be able to use the checkout process normally. First, they must enter their information as seen in the screenshot below:

SHOPPING CART

Product	Unit Cost	Member Price	Quantity	Line Total
World Industries	\$3.00	\$0.00	1 <input type="text"/>	Remove \$3.00

I would like to receive my member discount on applicable items

Coupon

Enter Coupon Code:

Total

Sub Total : \$3.00

Discount : -\$0.00

Shipping Fee : \$0.00

Handling Charge : \$0.00

Shipping & Handling : \$0.00

Sales Tax 0% : \$0.00

Total : \$3.00

Ship To

First Name:

Last Name:

Address:

City:

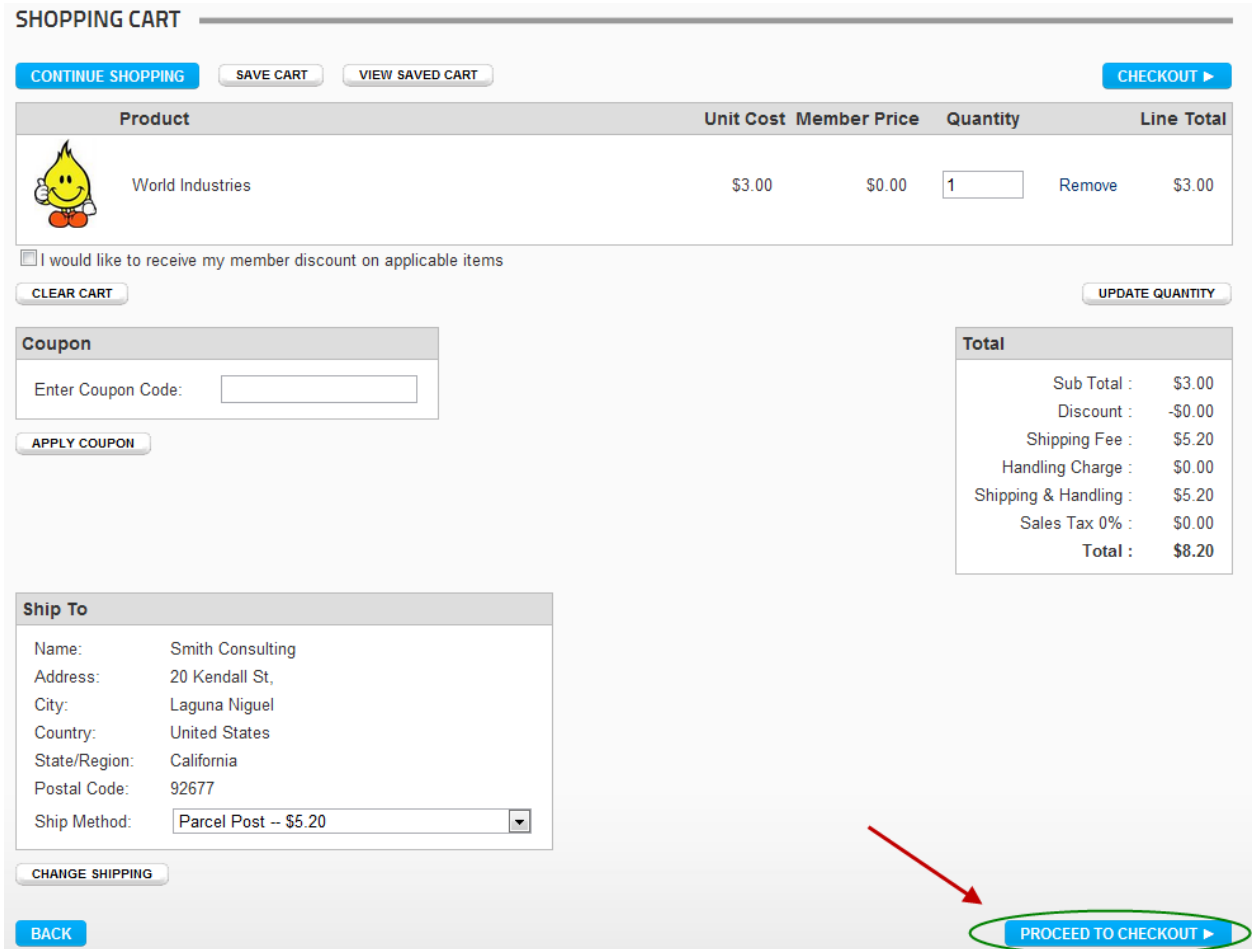
Country:

State/Region:

Postal Code:


Shipping Method:

After the customer clicks calculate shipping, they will be taken to the following page in order to confirm their shipping and payment total information:



SHOPPING CART

[CONTINUE SHOPPING](#) [SAVE CART](#) [VIEW SAVED CART](#) [CHECKOUT ▶](#)

Product	Unit Cost	Member Price	Quantity	Line Total
 World Industries	\$3.00	\$0.00	1 Remove	\$3.00

I would like to receive my member discount on applicable items

[CLEAR CART](#) [UPDATE QUANTITY](#)

Coupon

Enter Coupon Code:

[APPLY COUPON](#)

Total

Sub Total :	\$3.00
Discount :	-\$0.00
Shipping Fee :	\$5.20
Handling Charge :	\$0.00
Shipping & Handling :	\$5.20
Sales Tax 0% :	\$0.00
Total :	\$8.20

Ship To

Name: Smith Consulting
Address: 20 Kendall St,
City: Laguna Niguel
Country: United States
State/Region: California
Postal Code: 92677
Ship Method: Parcel Post -- \$5.20

[CHANGE SHIPPING](#)

[BACK](#) [PROCEED TO CHECKOUT ▶](#)

After clicking the "Proceed to Checkout" button, the customer will see the following page:

STEP 1

Welcome **Shipping** Payment Method Confirmation

First Name:*

Last Name:*

Address Line 1:*

Address Line 2:

City:*

Country:

State/Region:*

Zip/Postal Code:*

Email:*

Primary Phone:*

Secondary Phone:

May we contact you with product updates and special offers

[BACK](#) [NEXT ▶](#)

The following screen allows the customer to submit their order:


CONFIRM

Welcome Shipping Payment Method **Confirmation**

Shipping Information
Smith Consulting 20 Kendall St Laguna Niguel CA 92677 United States Telephone: 9492189600 Shipping Method: Parcel Post

Billing Information
Payment Type: Google Checkout

Order Details:


Product	Unit Price	Quantity	Line Total
 World Industries	\$3.00	1	\$3.00

Sub Total : \$3.00
Shipping Fee : \$5.20
Discount : -\$0.00
Sales Tax 0% : \$0.00
Total : \$8.20

BACK

SUBMIT ORDER

After clicking the "Submit Order" button, the customer will be redirected to the Google sign in page:



SIGN UP

Review order- Smith Consulting

QTY	ITEM	PRICE
1	World Industries	\$3.00

Sign in to calculate tax and shipping.

Subtotal: **\$3.00**

 Shop confidently with Google Wallet - Get 100% protection on unauthorized purchases while shopping at stores across the web.

Don't have a Google Account?

Create an account with Google Wallet

Your current email address:

Choose a password:


Minimum of 8 characters in length. [?]

Re-enter password:

Location

United States
▼

Credit or debit card



Expiration date Security Code

MM ▼ / YY ▼

CVC
?

Billing Address

Cardholder name

Address

Apt, suite, bldg

City

Select state
▼

Zip

Phone

Shipping Address

Same as billing address

I agree to the Google Wallet [Terms of Service](#) and [Privacy Policy](#).

Create my account

You can still make changes to your order later.

OR

Sign in Google

Email

Password

Sign in

[Can't access your account?](#)

After signing in, the customer will be taken to the following page in order to process their payment:

Smith Module Gateway Setup Guide

Review order- Smith Consulting Change Language English (US)

QTY	ITEM	PRICE
1	World Industries	\$3.00
Shipping & Handling Parcel Post (\$5.20)		\$5.20
Tax (CA)		\$0.00
Total:		\$8.20

EMAIL PREFERENCES

Send me Google Wallet special offers, market research, and newsletters.

Keep my email address confidential.
Google will forward all email from Smith Consulting to andrew@smith-consulting.com. [Learn more](#)

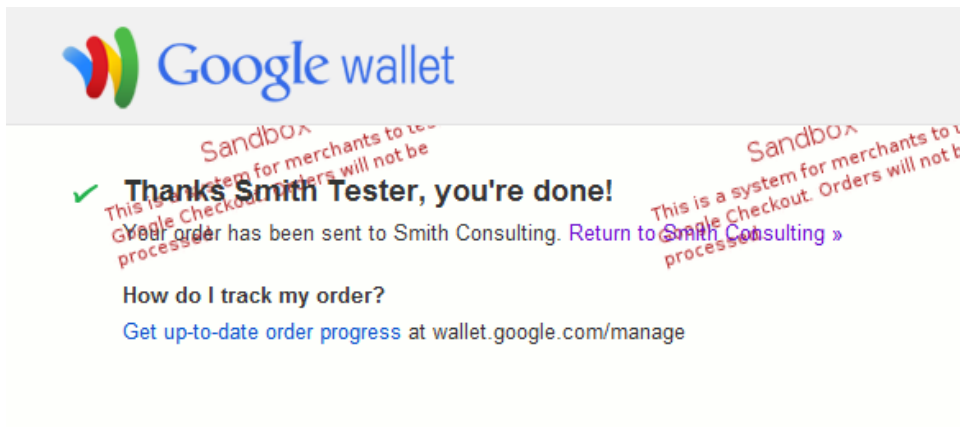
I want to receive promotional email from Smith Consulting.

PAY WITH
VISA xxx-1111

SHIP TO
Smith Tester - 20 Kendall St

[Place order now](#)

After the payment has been processed, the customer will be redirected to a confirmation page by Google:



8. Moneris eSELECTplus (Canada) - Hosted Payment Page

To create a Hosted Paypage Configuration login to your Moneris eSelectPlus virtual terminal. Once you have successfully logged in, click on the "ADMIN" menu item on the left and then in the submenu that appears click on "HOSTED CONFIG". In the production environment, an individual

must be granted permission to access and alter the configuration. User permissions may be updated by navigating to “ADMIN” and then selecting “MODIFY USER” from the submenu. Once you have found the user to be updated, click on “Set Permissions” and update their Administrative Permissions.

To create a new Hosted Paypage configuration click on “Generate a New Configuration”. You will be assigned a Hosted Paypage ID (ps_store_id) this is the identifier for this unique configuration. You will also be assigned a Hosted Paypage Token (hpp_key). The Hosted Paypage ID and Token are sent as part of the transaction request from SmithCart to securely identify your store and the specific configuration.

Select your transaction types and payment methods.

Response Method: Select “Sent to your server as a POST”

Approved URL and Declined URL: Enter your Approved URL and Declined URL from your Smith Cart checkout. Navigate to the confirm page of the Smith Cart checkout (the page with the submit or process payment button) and cut and paste the URL from your browser window.

Approved URL example:

<https://www.mysite.com/Confirm/Default.aspx?success=1>

Declined URL example:

<https://www.mysite.com/Confirm/Default.aspx?success=0>

Click on the “Save Changes” button to save the configuration.

Next, configure your Moneris PayPage appearance

Click on the “Save Changes” button to save the configuration.

9. *PayPal Adaptive Payments*

The PayPal Adaptive Payments API enables you to send money in many different scenarios, from simple to complex. For example, you might build a small send money application for a social networking site or a robust payroll system.

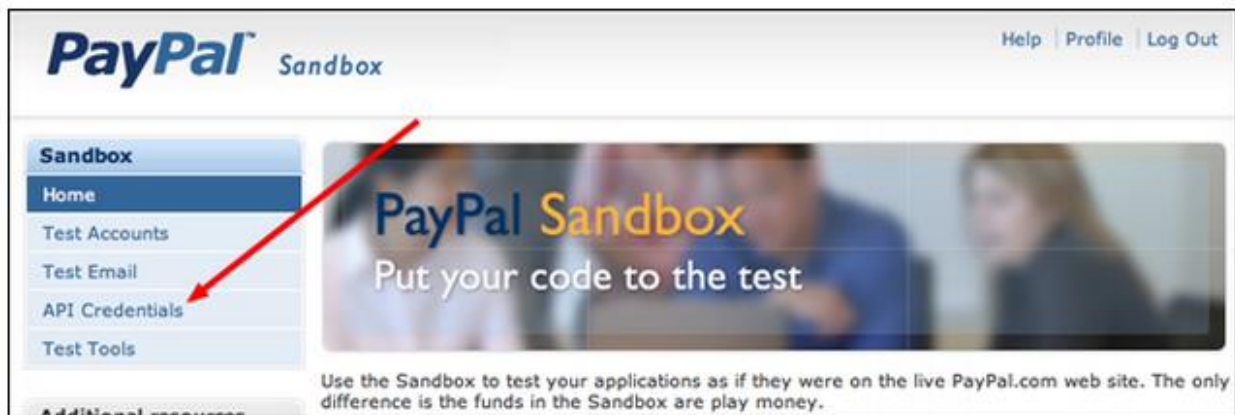
The store owner (merchant) must have a PayPal Business account. Senders and receivers can have any PayPal account type. Senders and receivers are not required to have PayPal accounts initially. PayPal prompts a sender to create an account before a payment can be completed. A receiver must create an account to receive the funds after the payment completes.

Please see the following link for more information on PayPal Adaptive Payments:

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

A. **PayPal Adaptive Credentials**

Before configuring Smith Cart for PayPal Adaptive, you must first obtain your PayPal credentials from PayPal. You can find your PayPal API credentials on the PayPal website by clicking the API Credentials link in the left menu within PayPal, as shown in the following figure.



- PAYPAL_USERID: The provided PayPal API username.
- PAYPAL_PASSWORD: The provided PayPal API password.
- PAYPAL_SIGNATURE: The provided PayPal API signature.
- PAYPAL_APPLICATION_ID: Your PayPal application ID; use APP-80W284485P519543T when using the sandbox.
- PAYPAL_EMAIL: Your PayPal email address; use your created seller account on the sandbox.

To retrieve these values on a live account, you must first request the API credentials from PayPal. After logging in to your PayPal account follow these steps:

- Click "Profile"
- Next, click "API Access"
- Finally, select "Request API Signature"

Your credentials will then be displayed. To obtain a live application ID, you must submit your request for a live application id to PayPal for review.

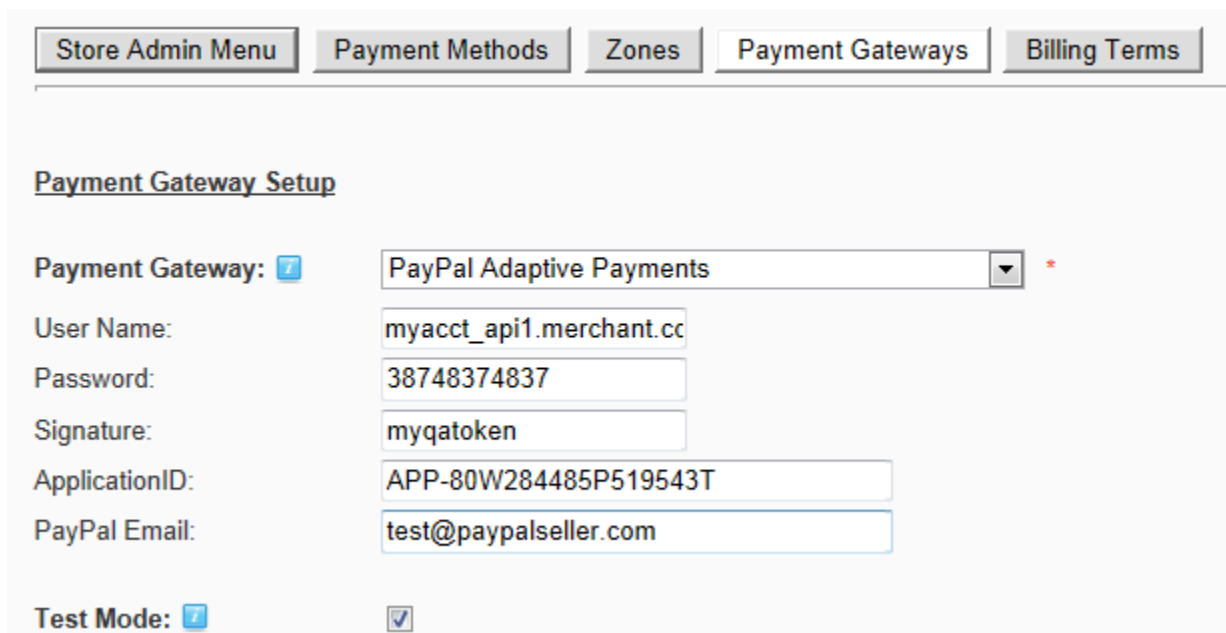
B. Configuring Smith Cart for PayPal Adaptive

To configure Smith Cart to work with the PayPal Adaptive Payment Gateway navigate to the Smith Cart store admin menu and click on the "Payment Setup" button" as follows:



Payment Setup

Next, click on the “Payment Gateways” button on the top menu bar and you will see the following screen displayed:



Payment Gateway Setup

Payment Gateway: *

User Name:

Password:

Signature:

ApplicationID:

PayPal Email:

Test Mode:

Enter your PayPal credentials as follows:

- User Name (PAYPAL_USERID): The provided PayPal API username.
- Password (PAYPAL_PASSWORD): The provided PayPal API password.
- Signature (PAYPAL_SIGNATURE): The provided PayPal API signature.
- ApplicationID (PAYPAL_APPLICATION_ID): Your PayPal application ID; use APP-80W284485P519543T when using the sandbox.
- PayPal Email: Your PayPal email address; use your PayPal seller account email address you created on the PayPal website

Test Mode – Check the “Test Mode” checkbox if you are using a PayPal sandbox account. If you are using a live PayPal account do not check the “Test Mode” checkbox.

Smith Cart automatically sets up the PayPal Instant Payment Notification (IPN) when it calls the PayPal Adaptive payment gateway so there is no additional configuration need to setup PayPal IPN.

10. *PayPal Website Payments Standard*

If you use PayPal Website Payments Standard, when your customer checks out they will be directed to a page that allows them to log into their PayPal account or pay by credit card without having to sign up for a PayPal account.

Before you can use PayPal Website Payments Standard you need to sign up for a PayPal account.

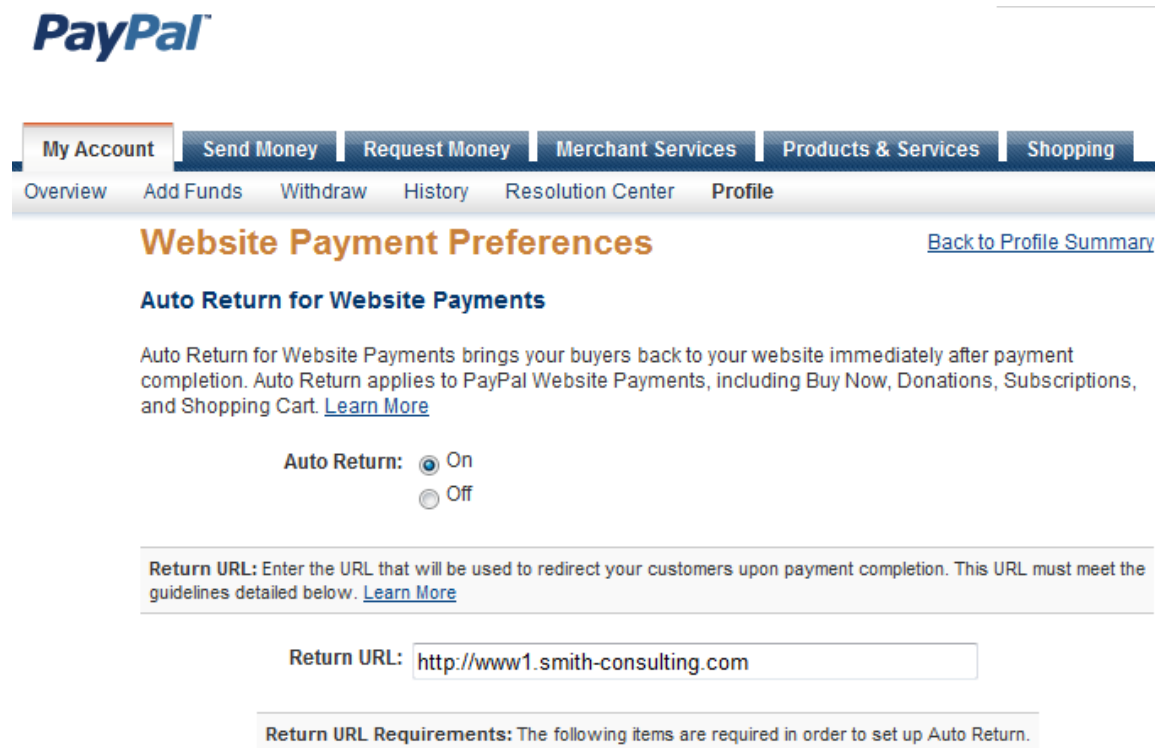
Create a PayPal personal or business account at PayPal. We recommend you create a business account in order to keep your personal and business PayPal accounts separate. Opening a business account is preferable because it allows you to use a business name on the PayPal checkout pages and in theory allows you to keep your private name separate. Presenting a business name to customers will help build customer confidence. Additionally, a PayPal business account will allow you to configure a return URL which is required for proper configuration in the Smith Cart.

Go through the approval process to verify your account. This will require a bank account and correct contact information. You can contact PayPal customer service if you have questions here.

A. Configuring the return URL at PayPal

1. Go to the PayPal website and login to your personal or business account.
2. Select Profile menu (Click on Profile link)
3. Under Selling preferences, select website Payment Preferences

The following the screen will be displayed:



PayPal

My Account | Send Money | Request Money | Merchant Services | Products & Services | Shopping

Overview | Add Funds | Withdraw | History | Resolution Center | Profile

Website Payment Preferences [Back to Profile Summary](#)

Auto Return for Website Payments

Auto Return for Website Payments brings your buyers back to your website immediately after payment completion. Auto Return applies to PayPal Website Payments, including Buy Now, Donations, Subscriptions, and Shopping Cart. [Learn More](#)

Auto Return: On
 Off

Return URL: Enter the URL that will be used to redirect your customers upon payment completion. This URL must meet the guidelines detailed below. [Learn More](#)

Return URL:

Return URL Requirements: The following items are required in order to set up Auto Return.

Figure 1

4. Click the "Auto Return" radio button to "On"
5. Enter the "Return URL" of your website home page. See Figure 7 above.

B. Configuring Smith Cart Module Settings

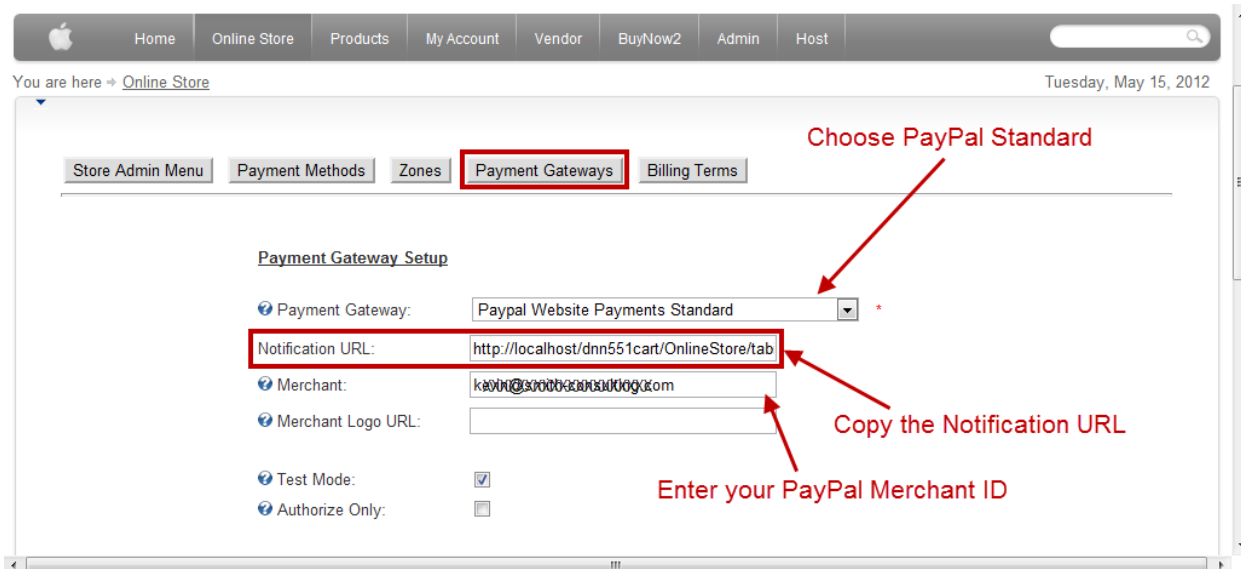
Gateway – Choose "PayPal Website Payments Standard" from the dropdown box under the "Gateway Setup" section in your Smith Cart module settings.

Merchant (Required) – Enter your PayPal email address you created when you signed up with PayPal.

Merchant Logo URL (Optional) – Enter the path to your company logo. Your company logo will show up on the PayPal checkout screen as the user checks out on PayPal.

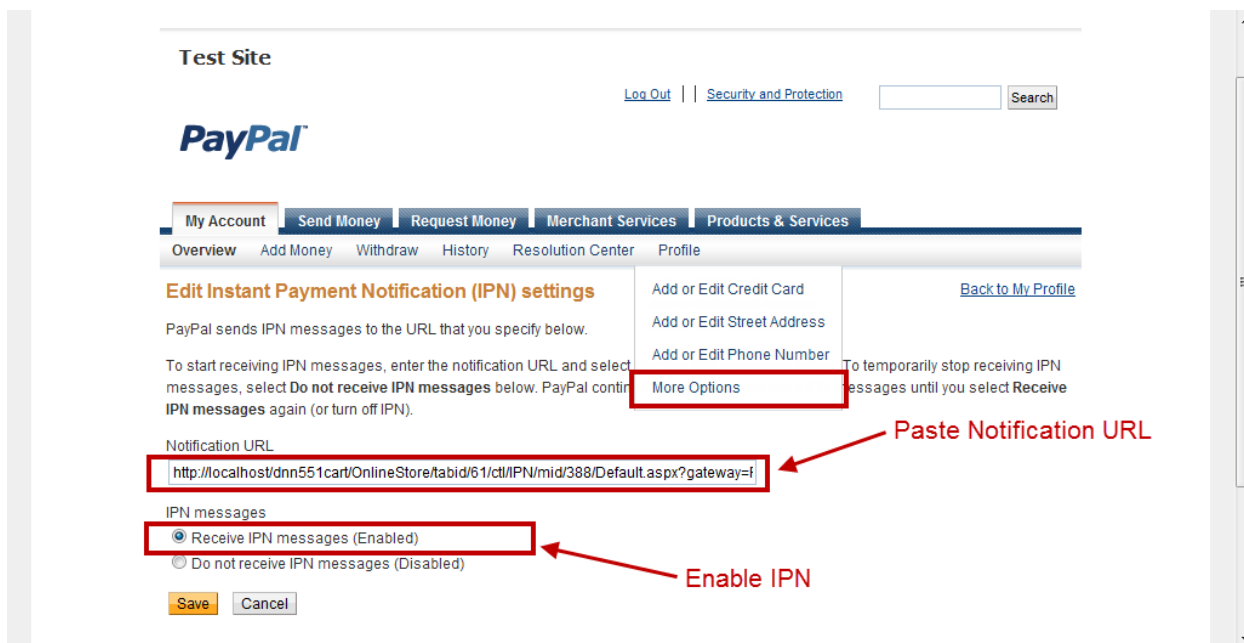
C. PayPal Instant Payment Notification (IPN)

IPN is a service which allows your store to receive notifications from PayPal when a customer completes a purchase. When an order is started in your store and completed on the PayPal website, the order information will be communicated back to your store via IPN. Because IPN is asynchronous, your store will receive the notification even if the customer doesn't click the **Return to Merchant** link on PayPal's website.



The screenshot shows the "Payment Gateway Setup" section of the Smith Cart module settings. The "Payment Gateway" dropdown is set to "Paypal Website Payments Standard". The "Notification URL" field is highlighted with a red box and contains the text "http://localhost/dnn551cart/OnlineStore/tab". The "Merchant" field contains the email address "kay@smithconsulting.com". Red arrows point to these fields with labels: "Choose PayPal Standard", "Copy the Notification URL", and "Enter your PayPal Merchant ID".

To set up IPN, first go to your store Admin Menu and click on **Payment Setup**. Go to **Payment Gateways** and choose **PayPal Standard**. Enter your PayPal **Merchant ID** and copy the **Notification URL** from the textbox.



Next log in to PayPal and navigate to **Instant Payment Notification (IPN) Settings**. Paste the Notification URL that you copied from the Payment Gateway Settings page into the textbox. Set **IPN Messages** to **Enabled** and then click **Save**.

Your store is now set up to receive IPN messages from PayPal. When an IPN has been processed the order details will be saved. You can view this information by clicking on the **Payment History** button in your store Admin Menu.

11. PayPal Website Payments Pro

PayPal Website Payments Pro is one of many gateway options offered by PayPal. PayPal Website Payments Pro combines internet merchant account and payment gateway functionality into one.

System Requirements

- PayPal Website Payments Pro uses a DLL from PayPal (paypal_base.dll) that requires a full trust environment. For more information on setting up your site for full trust see the following link:

<http://forums.asp.net/t/1201131.aspx>

- PayPal Website Payments Pro also requires a DLL titled "log4net.dll" located in your \bin folder. If you plan on using PayPal Website Payments Pro as your payment gateway please confirm you have the "log4net.dll" located in your \bin folder.

Obtaining API Credentials

To use the PayPal API, you must have API credentials that identify you as a PayPal business account holder authorized to perform various API operations.

Although you can use either an API signature or a certificate for credentials, PayPal recommends you use a signature.

Creating an API Signature

You must establish credentials to use the PayPal API; typically, you create an API signature.

You must have a PayPal business account.

An API signature is a credential that consists of an API User Name along with an associated password and signature, all of which are assigned by PayPal.

To create an API signature

1. Log into PayPal and click Profile.



2. Click API Access from the Profile menu.

Profile Summary

To edit your Profile information, please

Account Information

[Email](#)

[Street Address](#)

[Phones and Mobile Payments](#)

[Password](#)

[Notifications](#)

[Language Preference](#)

[Time Zone](#)

[API Access](#)

[PayPal Security Key](#)

[Business Information](#)

[Close Account](#)

3. Click Request API Credentials.

Setting up PayPal API Credentials and Permissions

Select one of the following options to use PayPal's secure Application Programming Interfaces (APIs). If you're not sure what you need, ask your shopping cart or solution provider.

[Grant API Permission](#) to your shopping cart or solution provider if the cart will make API calls on your behalf.

[Request API Credentials](#) to create an API username and password for either your pre-integrated shopping cart or a custom solution that you are developing.

[Learn more about PayPal API concepts and terminology](#)

4. Check Request API signature and click Agree and Submit.

Request API Credentials

[Back to Profile Summary](#)

API credentials consist of three elements:

- An API username
- An API password
- Either an API signature or an API SSL client-side certificate

If you're using a shopping cart or solution provider, ask whether you need an API signature or a certificate.

Request API signature if your shopping cart or solution provider has asked for an API username, password, and signature, or if you're developing a custom shopping cart.

Request API certificate if your shopping cart or solution provider requires a file-based certificate.

Need help deciding which credential is right for your needs? [Learn more](#)

By clicking **Agree and Submit**, I agree to the [API License Agreement and Terms of Use](#).

Agree and Submit

Cancel

5. To complete the process, click Done.

View or Remove API Signature

[Back to Profile Summary](#)

For preconfigured shopping carts: Copy and paste the API username, password, and signature into your shopping cart configuration or administration screen.

For building custom shopping carts: Store the following credential information in a secure location with limited access.

Credential: API Signature

API Username: smith011_api1.verizon.net

API Password: VL4SAZXXDD7R8S6P

Signature: AkaqkMYp-zjdBgDMXEtniLRCi0dA3a0OhEokGkaoEOJsSFHuVXmSAC1

Request Date: Oct. 22, 2007 12:50:01 PDT

Done

Remove

Make a note of the API User Name, the Password, and the API Signature. You will need to enter this information under the Gateway setup in the module settings of the cart.

12. PayPal Payflow Pro

Smith Cart contains fully-integrated support for the PayPal PayFlow Pro (formerly VeriSign) payment service. Payflow Pro is a payment gateway solution that can be used with any Internet Merchant Account to process credit card transactions online.

Note: If you are using Payflow Pro with PayPal as your Internet Merchant Account to process credit card transactions you should use PayPal Website Payments Pro. See section D above for a description of PayPal Website Payments Pro.

1. Obtain a PayPal PayFlow Pro Account. In order to use PayPal PayFlow Pro, you must have a PayFlow Pro account and a compatible internet merchant account. If you don't already have a merchant account, you can obtain both a merchant account and a PayFlow Pro account through Smith Consulting by calling 949-829-3020.

To sign up for a PayFlow Pro account:

- a. Go to <https://manager.paypal.com/> and click the **I would like to create a new account** link near the bottom of the page.
- b. Provide the required information. They will ask you for information about your business, primary contact, billing contact, and merchant bank and processor. You may want to have this information ready before you begin the sign-up process.

2. To configure Smith Cart to use your PayPal PayFlow Pro account to process payments in real-time, complete the following steps:

- a. In Smith Cart, Select the payment gateway option from the dropdown labeled PayPal Payflow Pro
- b. Merchant Login - Enter your PayFlow Pro Merchant Login. If you don't know your Merchant Login, contact your PayFlow Pro account representative.
- c. User - Enter the user name you use to log in to your PayFlow Pro account.
- d. Partner - Enter your PayFlow Pro Partner ID. If you don't know your Partner ID, contact your PayFlow Pro account representative.
- e. Password - Enter the password for your PayFlow Pro account.

13. PayPal Checkout Option

The show PayPal checkout option allows you to give your customers the option to checkout using PayPal standard in addition to the gateway option that you configured above under gateway settings. If you have configured PayPal standard under the gateway settings above you should NOT check the show PayPal checkout option checkbox. If you have configured PayPal Websites Payments Pro or PayPal Payflow Pro under the gateway settings above you should ONLY check this box if you want to give your customer the additional option at checkout to pay using PayPal standard.

Smith Cart Settings

When "Show PayPal Checkout Option" is checked two additional fields called "Merchant" and "Merchant Logo URL" will be displayed. See the following screen shot:

Show Paypal Checkout Option:

Merchant:

Merchant Logo URL:


Merchant (Required) – Enter your PayPal email address you created when you signed up with PayPal.

Merchant Logo URL (Optional) – Enter the path to your company logo. Your company logo will show up on the PayPal checkout screen as the user checks out on PayPal.

User Checkout

When “Show PayPal Checkout Option” is checked the user is presented with the option to pay on your website using the payment gateway you configured from the gateway dropdown or checking out on the PayPal website using PayPal Website Payments Standard.

See the following screen of the cart checkout for an example:

Pay Now Bill me Later  Paypal, the safer easier way to checkout

Name on Account:*

Street Address:*

City:*

Country:*

State/Region:*

Zip Code:*

[BACK](#) [NEXT ▶](#)

When the user clicks the PayPal radio button the cart hide the credit card fields because the user will be entering their credit card information on the PayPal site.

When the user clicks the “Next” button they will be taken to a confirmation page.

[Welcome](#) [Shipping](#) [Payment Method](#) **[Confirmation](#)**

Shipping Information
Kevin Carlson 20 Kendall Laguna Niguel CA 92677 United States Telephone: 5555555555 Shipping Method: Free

Billing Information
Kevin Carlson 20 Kendall Laguna Niguel CA 92677 United States Payment Type: PayPal Checkout

Order Details:



ProductName	Quantity	UnitPrice
VeriFone Vx 570	1	\$399.00

Sub Total :	\$399.00
Shipping Fee :	\$0.00
Sales Tax 6.76% :	\$26.97
Total :	\$425.97

[BACK](#)



When the user clicks the "PayPal Checkout" button they are transferred to the PayPal website to complete their payment:

Review your payment   [Secure Payments](#)

Description	Unit Price	Quantity	Amount
Dave Product	\$12.00	1	\$12.00
+ Add special instructions to merchant			Item total: \$12.00
			Total: \$12.00 USD
Enter gift certificate, reward, or discount			

Payment Method: ATM Debit XXXX-XXXX-XXXX-9519 \$12.00 USD

[Change](#)

Ship to: Dave Smith
20 Kendall
Laguna Niguel, CA 92677
United States
[Change](#)

Contact Information: dave@ocwebtech.com

[Pay Now](#)

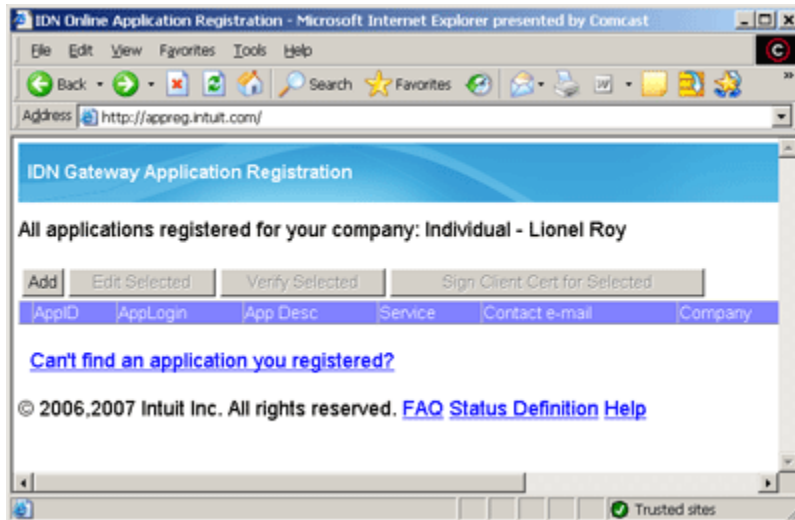
14. QuickBooks Merchant Services (QBMS)

When you choose QuickBooks Merchant Services as your gateway option from the gateway dropdown the following three required fields are displayed:

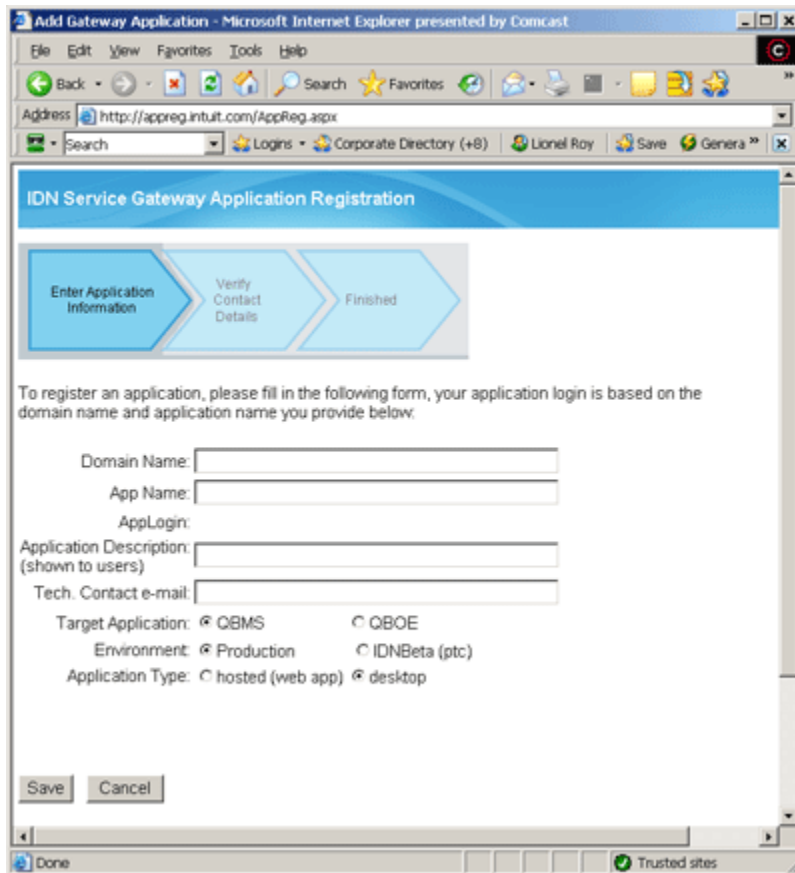
- App ID
- App Login
- Connection Ticket

Follow these steps to obtain your AppID and AppLogin

1. Navigate to <http://appreg.intuit.com>
2. Click Join Now, then fill in the form to register and you will be emailed your access info.
3. Navigate to <http://appreg.intuit.com> and login using your login and password obtained in the previous step.



4. Click on "Add"

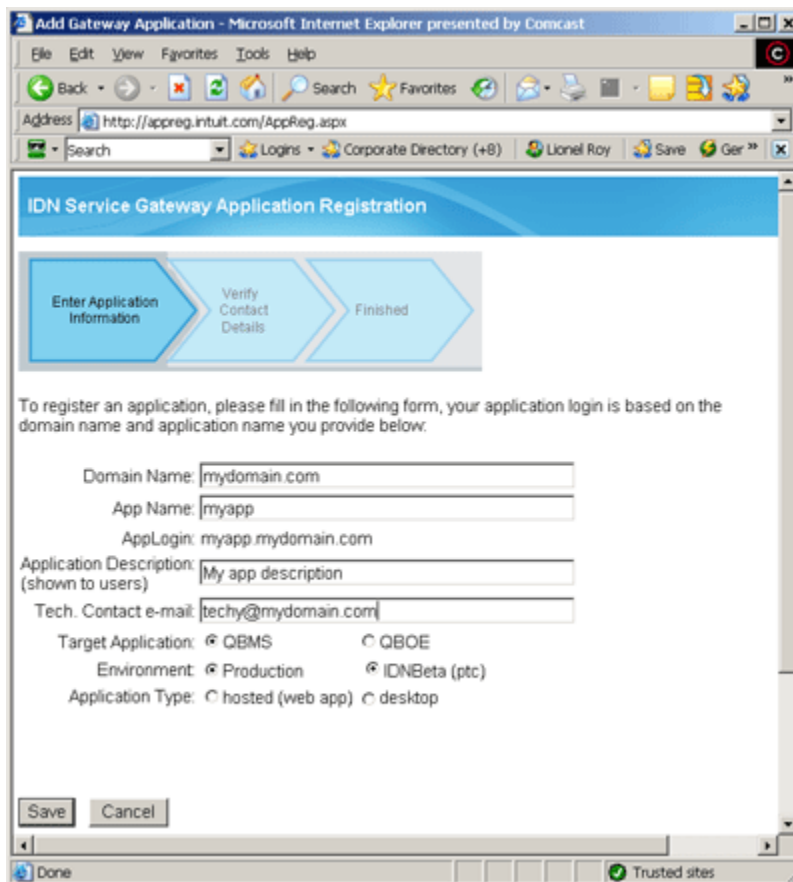


5. Enter a domain name and App name.

These are used to create your login. Also enter a description of your application and an email address for a technical contact. This should be a real email address as you will need to access it later.

- Leave QBMS checked.
- If you are setting up your live application select "Production"
- If you are setting up your test application select IDNBeta (ptc)
- Leave desktop checked.

The completed screen should look like this:



Address: <http://appreg.intuit.com/AppReg.aspx>

IDN Service Gateway Application Registration

Enter Application Information → Verify Contact Details → Finished

To register an application, please fill in the following form, your application login is based on the domain name and application name you provide below:

Domain Name:

App Name:

AppLogin: myapp.mydomain.com

Application Description (shown to users):

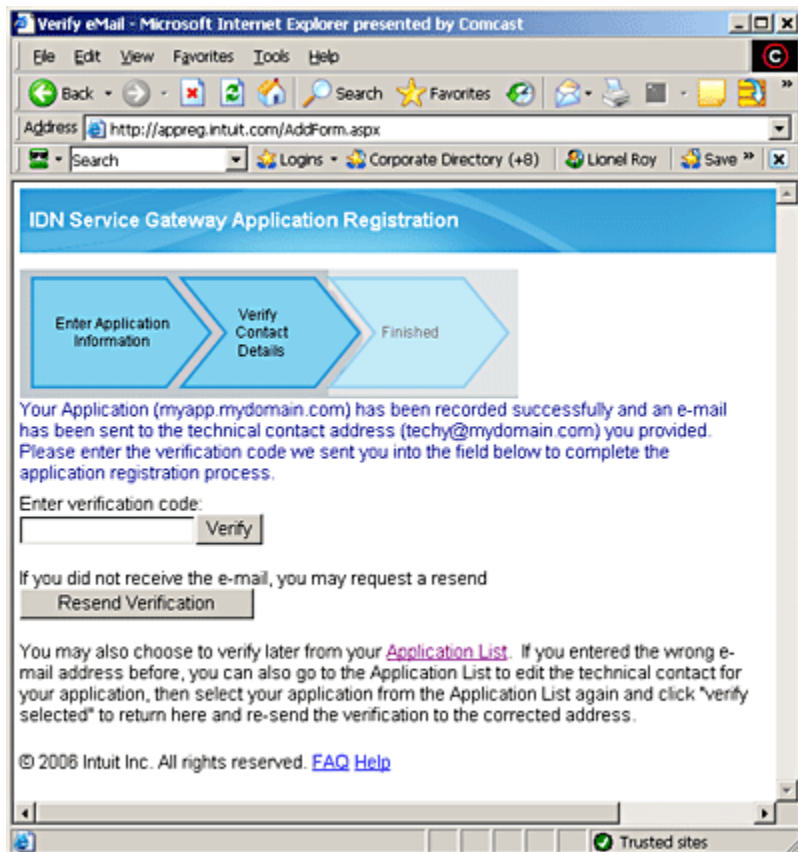
Tech. Contact e-mail:

Target Application: QBMS QBOE

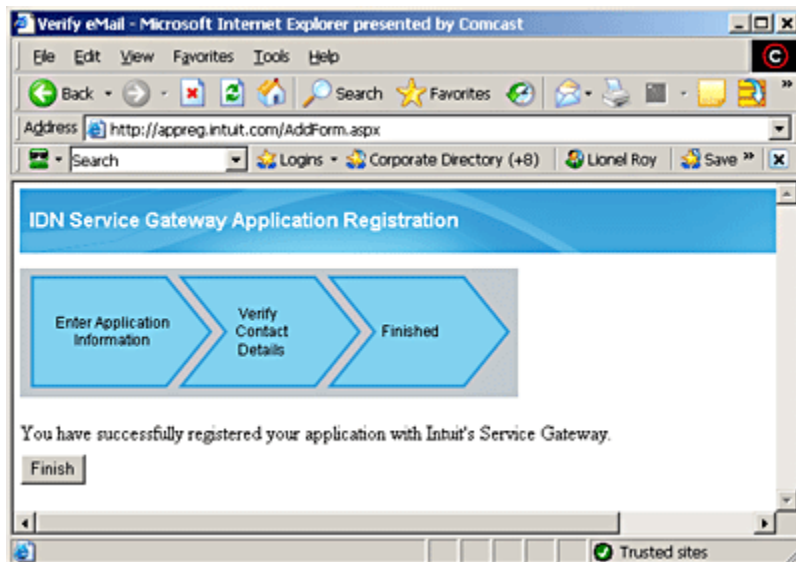
Environment: Production IDNBeta (ptc)

Application Type: hosted (web app) desktop

6. Hit Save. The following screen will be displayed:



7. Please check the technical contact email address for an email from support@intuitdevelopernetwork.com for a verification code to enter here.
8. Copy the verification code to this screen, and hit 'Verify', and you will receive the following confirmation screen:



9. Click 'Finish' and you will be redirected to the same screen as when you first logged in. Now it will have the details of the application you just registered.

10. Please make a note of the AppID and AppLogin as you will need them later when setting up the gateway in Smith Cart.

Follow these steps to obtain your Connection Ticket

1. Add the AppID to the placeholder in this URL:

Test URL:

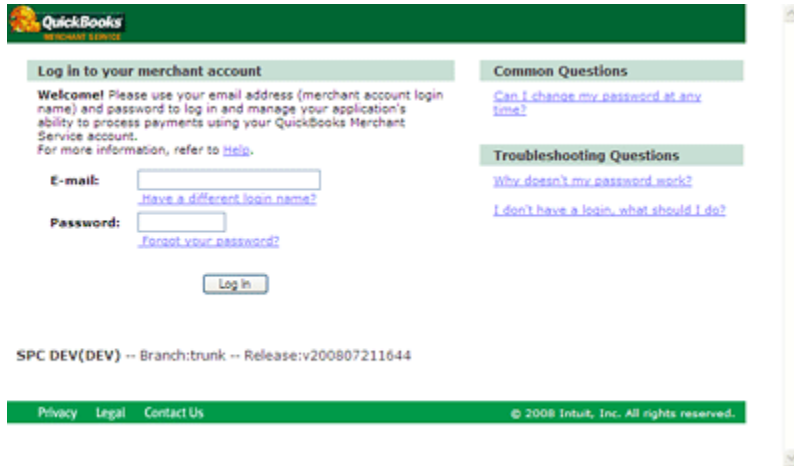
<https://merchantaccount.ptc.quickbooks.com/j/sdkconnection?appid=<Appid>&sessionEnabled=true>

Live URL:

<https://merchantaccount.quickbooks.com/j/sdkconnection?appid=<Appid>&sessionEnabled=true>

(For example, if the AppID is 123456789, the URL would be,
<https://merchantaccount.ptc.quickbooks.com/j/sdkconnection?appid=123456789&sessionEnabled=true>)

Launch your browser to navigate to the login page and enter your account login and password.

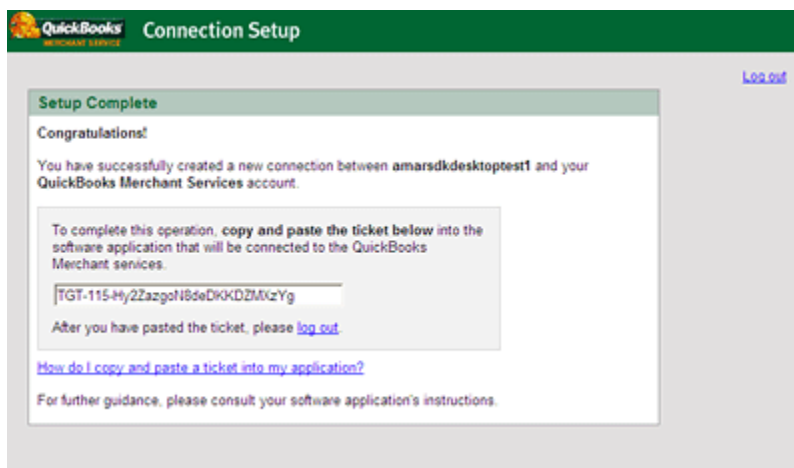


2. Once you log click the “Create Connection” Button

You will then be asked to Turn on or off Login Security, you **cannot** turn it on, if you do Smith Cart will not be able to process the transactions.

When you click “Continue” you will be warned about the security issues talked about above, click “OK” to get the ticket

3. The final screen displays your connection ticket. You will need to copy this and store it in a secure place. It will need to be pasted into your application sign-on request.



Return to the Smith Cart module

1. Navigate to the BuyNow module settings under the gateway setup section
2. Select “QuickBooks Merchant Services” from the gateway dropdown

3. Enter your App ID, App Login and Connection as follows:

☐ **SmithCart Settings**

Payment Gateway Setup

* Gateway:	QuickBooks Merchant Services ▼
* App ID:	106868345
* App Login:	test1234.test1234.com
* Connection Ticket:	TGT-232-0D4gX02\$fnHODohNKGiK9C
Test Mode:	<input type="checkbox"/>

Scroll to the bottom of the page and click “Update” to save you settings.

15. Innovative (QuickBooks)

UserName - This is a required field for the gateway. UserName is a unique id that identifies you with the gateway provider.

Password - This is the gateway password assigned to you by Innovative and is a required field.

Innovative Test Account

Userid: GatewayTest

Password: GateTest2002

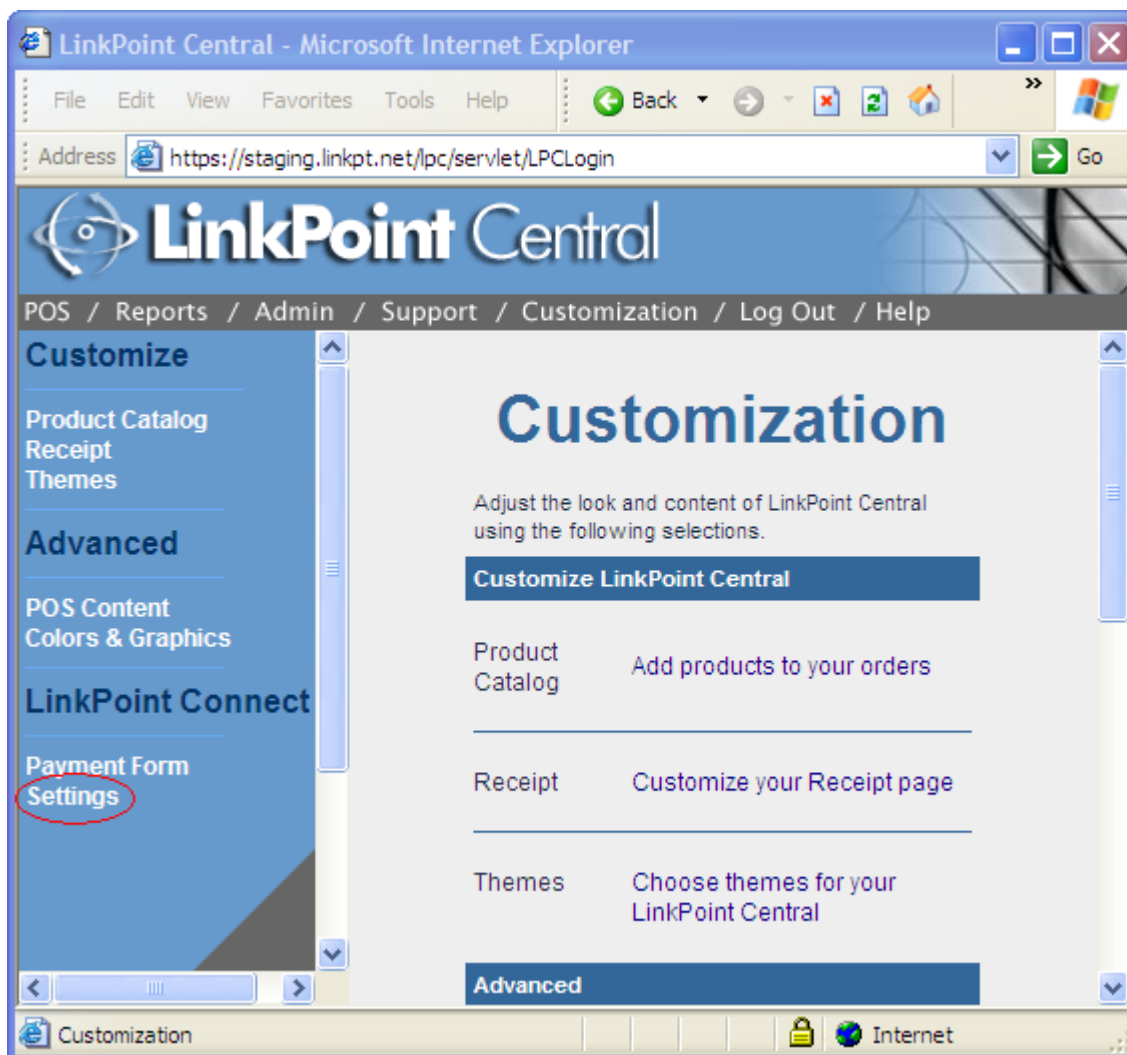
16. First Data Global Gateway Connect - LinkPoint

1. Login to First Data Global Gateway central
2. Click Support
3. Click Download Center in the left hand navigation
4. Click download next to Store PEM File
5. Follow the instructions, and download your PEM file to your local PC.
6. In Smith Cart, Select the payment gateway option from the dropdown labeled First Data Global Gateway.
7. Enter your First Data Global Gateway storename in the Store Name field.

8. In Smith Cart, use the browse button next to the field labeled Pem File to upload and save this certificate to a file on your web server with a .pem extension.

Note: The First Data Global Gateway requires a “pem” file to be uploaded to the server. The pem file is a special file that contains a certificate that is used to authenticate your shopping with the gateway. It is used for security purposes to prevent other people from using your gateway account.

9. Go to First Data Global Gateway central, and login. Information for this should have been sent to you from First Data Global Gateway.
10. Click Customization in the top menu.
11. Mouse over the Administration menu link, and click the option labeled Connect Settings.



12. In the Order Submission Form section, enter the secure path to your cart page in the Submission Form URL field. This is the same URL you see when you are checking out in your store on the last page of the checkout. The correct page will have the "Submit Order" button on it.

For example:

<https://www.example.com/Store/tabid/38/ctl/Confirm/mid/383/Default.aspx>

Please note: If this URL does not match the exact URL that the customer is at when they submit the order to First Data Global Gateway, you will get the error:

- It is not possible to order from the store at this time.
- Contact the merchant for further information (error 1002).

Please note: First Data Global Gateway requires port 1129 be opened for both inbound and outbound traffic. If you are running on a shared host they may not allow this port to be opened. Most dedicated hosts will support the opening of port 1129. Please check with your hosting provider for details.

First Data Global Gateway Connect Linkpoint requires the linkpoint.dll to be installed on your server. When you install Smith Cart the linkpoint.dll is automatically installed in the \bin folder off the root of your DNN install. The linkpoint dll is 32 bit only and will not work on 64 bit servers. If you have a 64 bit server you should use the First Data Global Gateway Connect web service gateway option.

17. *First Data Global Gateway Connect Web Service*

First Data Global Gateway Connect web service is a new gateway integration option from First Data that is a soap xml web service and will work on both 32 bit and 64 bit servers.

Step 1 – Download your Cert files from First Data

1. Login to your First Data Virtual Terminal using one of the following links:

Test Account Virtual Terminal URL

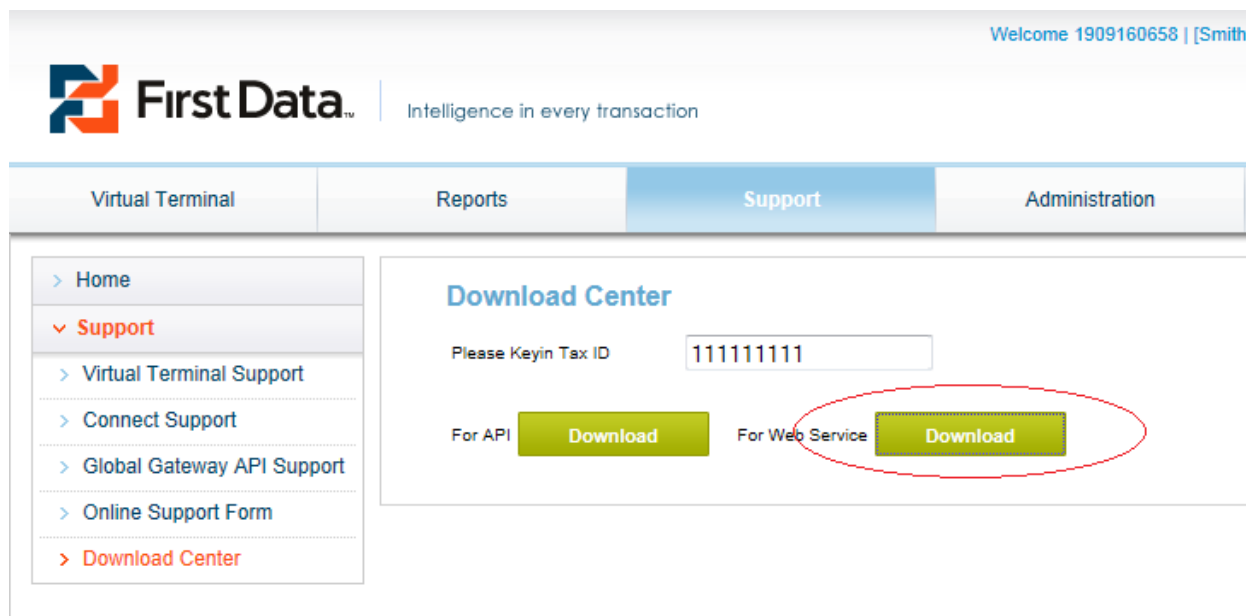
<https://www.staging.yourpay.com>

Live Account Virtual Terminal URL

<https://secure.linkpt.net/lpc/servlet/LPCLogin>

2. Once you are in the First Data Virtual Terminal click the "Support" button on the top menu then click the "Download Center" link on the left navigation menu.

3. Click the Web Service "Download" button and enter your tax id as depicted in the following screen shot:



A zip file containing your certificate and authentication credentials will be downloaded to your computer. Extract the zip file.

Step 2 – Installing and Granting Permissions to the Cert File in IIS

On Page 96 of the First Data Global Connect Web Service Guide they have instruction on how to install the certificate to IIS 5/6. The following is the link to the First Data Global Connect Guide or you can download it from your virtual terminal.

<http://www.smith-consulting.com/Portals/0/docs/FDGG-Web-Service-API.pdf>

For instructions on installing the certificate in IIS 7 the following links are helpful:

<http://www.digicert.com/ssl-support/pfx-import-export-iis-7.htm>

<http://msmvps.com/blogs/luisabreu/archive/2010/09/13/grant-access-to-certificate-s-private-key-in-iis-7-5.aspx>

1. Use MMC to import the P12 certificate
2. When going thru the MMC certificate import wizard you will be prompted for a certificate password. The file named "WS-YOUR-STORENUMBER.p12.pw.txt" (i.e. WS19091606222._.1.p12.pw.txt) you downloaded from First Data contains your P12 cert password.
3. Grant permissions to the certificate you just imported. If you are running IIS 7 you need to grant the "IIS AppPool\DefaultAppPool" permission to use the cert. Other versions of IIS use the "Network Service" account.

Step 3 – Configuring Smith Cart for the First Data Global Connect Gateway

When you select the First Data Global Gateway Connect web service from the gateway dropdown in the Smith Cart settings you will see the following three fields displayed:

User ID - This is a required field for the gateway. User ID is a unique id that identifies you with the gateway provider.

Password - This is the payment gateway password and is a required field.

Note: The userid and password above are to authenticate with the First Data gateway and are different from the userid and password that you login to the First Data virtual terminal with.

The userid and password you need to enter in Smith Cart are found in the file named "WS-YOUR-STORENUMBER.Auth.txt" (i.e. WS19091606222._.1.Auth.txt) you downloaded from the First Data virtual terminal download center.

PEM File – The PEM file is your First Data client certificate you downloaded from the First Data virtual terminal download center. Select and upload your PEM file to your web site.

For more information on installing and configuring the First Data Global Connect gateway please click on the following link <http://www.smith-consulting.com/Portals/0/docs/FDGG-Web-Service-API.pdf>.

18. *RBS WorldPay*

RBS WorldPay (<http://www.worldpay.us/>) payment gateway integration is a Bank Hosted integration meaning the user is re-directed to a secure page hosted by WorldPay to submit their card details then returned to your site and the cart where a confirmation page is displayed.

To setup the cart to use WorldPay as the payment gateway do the following:

1. Go to the BuyNow module settings "Payment Gateway Setup" section and select "RBS WorldPay" as the payment gateway.
2. You will be prompted to enter the following field:

instId - This is a required field for the gateway. instId is your RBS WorldPay Installation ID assigned to you when you sign up for the WorldPay gateway account.

In order to have World Pay return to your site the following 3 settings on the world pay merchant interface that need to be set:

1. Click on this link to go to the merchant interface
<http://www.rbsworldpay.com/support/index.php?page=login&c=WW>
2. Select "Business Gateway – Formerly WorldPay" and click go
3. Select test or production whichever one you are trying to setup
4. Login using your credentials
5. Click "Installations" on the left panel
6. Click the button under the "Integrations Setup" column for the account you want to setup
7. In the field titled "Payment Response URL" cut and paste the url from the shopping cart confirm page. The confirm page is the cart page with the process payment button, the page right before you go to WorldPay

8. Check the box titled "Payment Response enabled"
9. Check the box titled "Enable the Shopper Response"
10. Save your changes

19. ANZ eGate Payment Gateway

The ANZ eGate (anz.com) payment gateway integration is a Bank Hosted integration meaning the user is re-directed to a secure page hosted by ANZ eGate to submit their card details then returned to your site and the cart where a confirmation page is displayed.

Merchant ID - This is a required field for the gateway. MerchantID is a unique id that identifies you with the gateway provider.

Access Code - This is the gateway Access Code and is a required field. ANZ assigns an Access Code to you when you sign up for their gateway services.

Secure Hash Secret - This is the gateway Secure Hash Secret key and is a required field. ANZ assigns an Secure Hash Secret key to you when you sign up for their gateway services.

20. MyGate Payment Gateway

MyGate is a payment gateway based in South Africa <http://mygate.co.za/> providing ecommerce credit card services.

Merchant ID - This is a required field for the gateway. Merchant ID is a unique id that identifies you with the gateway provider.

Application ID - This is the gateway Application ID and is a required field. MyGate assigns an Application ID to you when you sign up for their gateway services.

21. MyGate Enterprise Payment Gateway

MyGate Enterprise is a payment gateway based in South Africa <http://mygate.co.za/> providing ecommerce credit card services. The MyEnterprise solution is MyGate's payment solution for companies that want to incorporate their online transactions into their internal billing system or online website. It also allows the merchant to accept the clients credit card details on their website as opposed to utilizing the MyGate Virtual Payment Screen with the MyVirtual Solution. This Solution makes use of web services to communicate with MyGate and to submit the data securely.

Merchant ID - This is a required field for the gateway. Merchant ID is a unique id that identifies you with the gateway provider.

Application ID - This is the gateway Application ID and is a required field. MyGate assigns an Application ID to you when you sign up for their gateway services.

Gateway ID - This is the Gateway ID that corresponds to bank where the Merchant Account is kept.

21 = FNBLive
22 = ABSA
23 = Nedbank

Bank ID - This is the Bank ID and is a required field. MyGate assigns a Bank ID to you when you sign up for their gateway services.

The MyGate Enterprises gateway integration will process both 3DSecure and non 3DSecure credit card transactions.

22. DPS Payment Express Hosted Payment Page

Payment Express is a Visa and MasterCard certified solution, developed by DPS, which facilitates electronic payments seamlessly from multiple access points i.e. Web, EFTPOS, Billing, IVR (Interactive Voice Response), CRM, Vending, MOTO (Mail Order / Telephone Order) and Wireless.

<http://www.paymentexpress.com>

The DPS Payment Express is a bank\ hosted payment page that is compliant with PCI DSS standards.


DPS is certified with banks in Australia, New Zealand, Pacific Islands, Singapore, South Africa, USA and United Kingdom.


Select DPS – Payment Express from the “Gateway” dropdown list and the following fields will be displayed:

PxPayUserId - This is a required field for the payment gateway. PxPayUserId is a unique id that identifies you with the gateway provider.

PxPayKey - This is the payment gateway secure key and is a required field.

With the DPS hosted payment page credit card information is not collected in Smith Cart, all payment information is collected on the DPS hosted payment page. From the Smith Cart confirmation page when you click submit order the following DPS payment page will be displayed:

Payment Checkout	
Amount (NZD)	\$75.14
Credit Card Number	<input type="text" value="4111111111111111"/>
Card Expiry Date	<input type="text" value="12"/> / <input type="text" value="11"/>
Name on Card	<input type="text" value="Dave Smith"/>
Card Security Code	<input type="text" value="123"/> What is this?
SUBMIT ▶	
 Privacy Policy	

Payment Complete	
Response	APPROVED
	The Transaction was approved
Description	PAYMENT - 5/12/2010 10:13:07 PM
Transaction Type	Purchase
Amount (NZD)	\$75.14
Card Type	Visa
Authorization Code	171655
NEXT ▶	
 Privacy Policy	

When the user clicks the “Next” button they will be returned to the Smith Cart confirmation page.

The payment pages at DPS are fully customizable. For information on how to customize the look of your payments page please see:

http://www.paymentexpress.com/technical_resources/ecommerce_hosted/pxaccesscustom.html

23. *Elavon Virtual Merchant*

Elavon (<http://www.elavon.com/>) is a leading global provider of merchant acquiring services, providing integrated payment processing to more than 1 million merchants. Elavon merchant services formerly Nova is available through Costco and other merchant service providers.

Select Elavon Virtual Merchant from the “Gateway” dropdown list and the following fields will be displayed:

Merchant ID - This is a required field for the payment gateway. Merchant ID is a unique id that identifies you with the gateway provider.

User ID - This is the payment gateway user id and is a required field.

Pin - This is the payment gateway secure key and is a required field.

24. *Elavon Internet Secure*

Internet Secure (<http://www.internetsecure.com>) is a complete solution for payment processing including Visa, MasterCard, American Express, Discover and INTERAC® Online Payments. Internet Secure is part of the Elavon suite of products. The Elavon network is one of the largest most reliable payment processing networks in the world processing more than a billion transactions annually.

Select Elavon Internet Secure from the “Gateway” dropdown list and the following fields will be displayed:

Gateway ID - This is a required field for the payment gateway. Gateway ID is a unique id that identifies you with the gateway provider.

25. *eWAY Payment Gateway*

eWAY is a payment gateway based in Australia <http://www.eway.com.au/> providing ecommerce credit card services. Smith Cart is integrated with the eWAY Merchant Hosted Payment solution. Smith Cart posts an XML document containing customer and payment information to the eWAY payment gateway. This allows customers' to remain on your website at all times, while processing occurs behind the scenes.

In the Smith Cart BuyNow module settings enter the following information under the “Gateway” section for eWay:

Customer ID - This is a required field for the eWAY gateway. CustomerID is a unique id that identifies you with the eWAY gateway provider.

26. **NMI - National Merchants Inc**

Merchant ID - This is a required field for the gateway. Merchant ID is a unique id that identifies you with the gateway provider. NMI refers to this as a userid.

RegKey - This is the gateway password and is a required field. NMI refers to this as password.

NMI URL – Enter the URL of the gateway. NMI hosts many private label gateways, therefore you must enter the URL for the gateway.

For example:

<https://secure.cardflexonline.com/api/transact.php>

NMI Test Account

Userid: demo

Password: Password

27. **PayWay – Bank Hosted**

PayWay Net is an Australian based payment gateway provided by Westpac. You can learn more about PayWay here: <http://www.payway.com.au>. The PayWay payment gateway integration is a Bank Hosted integration meaning the user is re-directed to a secure page hosted by PayWay to submit their card details then returned to your site and the cart where a confirmation page is displayed.

Setup Instructions:

1. Login to your PayWay control panel using the information provided by PayWay:
<https://www.payway.com.au/>
2. Click the Setup Net link on the left side of the page
3. Click the Setup link
4. Select the third option on the page which reads Bill Payments/Shopping Cart - I need to pass across information from my website
5. Click Next

This page gives you an option to change the appearance of your PayWay hosted payment page. While you are free to do so, Smith Cart does not require you alter these settings. Click Next to go to the next settings page.

Under the heading Browser Return:

- a. Set the Browser Return URL Pre Payment field to your storefront page URL:

<https://www.example.com/Store/tabid/38/ctl/Confirm/mid/383/Default.aspx>

- b. Set the Browser Return Type field to Redirect

- c. Set the Browser Return URL field to the same URL you entered for a. above
 - d. Set the Browser Return Payment Status field to all
6. Under the heading Server-to-Server Payment Notification
 - a. Set the Notification URL field to the same URL you entered for step 5a above.
 - b. Set the Notification Payment Status field to approved
 - c. Set the Notification Post Type field to extended
7. Click Next
8. You should now be on a settings page titled Security Information. Very carefully write down (or copy and paste to a text file) your Encryption Key, Username, and Password.
9. Enter your web server's IP address in the IP address section. If you don't have it, ask your web host.
10. Click Next through all remaining settings pages
11. To go live, click the go live link under Setup Net on the left side of the page
12. Click the Administration link on the left side of the page
13. Click Merchants
14. Your Merchant ID is located in the Merchant ID column. Write it down.
15. Look in the upper right hand corner of the page. You should see your Biller Code after the text Biller Code: Write it down.
16. Go to the Smith Cart BuyNow module settings under the Payment Gateway Setup section and select "PayWay – Bank Hosted"
17. Enter the following information in the textboxes:
 1. User Name
 2. Password
 3. Biller Code
 4. Merchant ID – Enter "TEST" for test mode
 5. Encryption Key

Click "Update" at the bottom of the screen to save your changes.

Testing:

PayWay allows you to submit test transactions by setting your Merchant ID to TEST.

When testing, use the following Visa credentials:

Card #: 4564710000000004

Card Security Code: 847
Exp. Date: 02/19

PayWay should approve test transactions when you use the card data above.

28. Sage Payment Solutions

Smith Cart is integrated and compatible with the Sage Gateway. Sage Payment Solutions is a division of Sage Software, for additional information about the Sage Payment Gateway, please visit www.sagepayments.com. When the “Sage Payment Solutions” gateway option is selected in the BuyNow settings the following required fields are displayed:

MerchantID - 12 Digit Merchant Identification (Virtual Terminal ID) Number Required for Gateway Access

Merchant Key - 12 Digit Merchant Key Required for Gateway Access

29. Sage Pay Solutions

Smith Cart is integrated and compatible with the Sage Pay Gateway bank hosted payment form. With the Sage Pay bank hosted payment page users are transferred to the Secure Sage Pay payment for during the cart checkout. Sage Payment Solutions is a division of Sage Software, for additional information about the Sage Payment Gateway, please visit www.sagepay.com. When the “Sage Pay – Bank Hosted Payment Page” gateway option is selected in the BuyNow settings the following required fields are displayed:

Vendor Name – Vendor Name is required for gateway access and is assigned by Sage Pay after you sign up for a merchant account.

Encryption Key- The Encryption key is required for gateway access and is assigned by SagePay after you sign up for a merchant account.

30. TransFirst

When the “TransFirst” gateway option is selected in the BuyNow settings the following required fields are displayed:

Merchant ID - This is a required field for the gateway. Merchant ID is a unique id that identifies you with the gateway provider.

Reg Key - This is the gateway password and is a required field. Authorize.net refers to this as a Transaction Key.

31. WorldPay Direct with 3D Secure

WorldPay is one of the largest payment processor in the world and can take payments in up to 120 different currencies. You can also select the currency you want WorldPay to pay into your bank account.

Here are just a few of the many currencies supported:

- Australian Dollar
- Canadian Dollar
- Danish Krone
- Euro
- Hong Kong Dollar
- Japanese Yen
- Malaysian Ringgit
- New Zealand Dollar
- Norwegian Krone
- Pounds Sterling
- South African Rand
- Singapore Dollar
- Sweden Krona
- Swiss Franc
- Turkish Lira
- US Dollar

When the “WorldPay” gateway option is selected in the BuyNow settings the following required fields are displayed:

Payment Gateway:	<input type="checkbox"/> WorldPay - Direct
Install ID:	<input type="text" value="274542"/>
Username:	<input type="text" value="MYACCOUNT"/>
* XML password:	<input type="text" value="g7df4545kjj"/>

In order to obtain the credentials above you must contact WorldPay and setup a test account or live account.

A. Checkout with WorldPay 3D Secure

When the user enters their credit card information in the Smith module and clicks the “Next” button the user will be taken to the Visa 3D Secure website. Please see the following 3D Secure website screen shot:



The screenshot shows the WorldPay 3D Secure Authentication Page (Simulator). At the top, there is a dark blue header with the WorldPay logo. Below the header, a light blue banner reads "Welcome to 3D Secure Authentication Page (Simulator)". The main content area features a large padlock icon on the left. To the right of the padlock, the title "3D Secure Authentication Page" is displayed. Below the title, transaction details are listed: Merchant Name (My Company), Card Number (4484*****0000), Payment (USD 37.00), and Personal Assurance (Pam123\$). A "Verified by VISA" logo is positioned to the right of these details. Below the transaction information, a light green box contains the instruction "Please choose one of the available actions and press Continue button". Underneath this instruction, there is a dropdown menu labeled "Available" with "Cardholder authenticated" selected. Below the dropdown, the text "Actions:" is visible. At the bottom right of the page, there is a "CONTINUE" button with a checkmark icon. At the very bottom of the page, a dotted line separates the footer text "WorldPay (UK) Limited © 2012".

Next, the user enters their their 3D Secure Pin on the Visa 3D Secure website and clicks on the continue button. After the user authenticates and clicks the continue button they will be transferred back to the Smith module to process their payment via the WorldPay payment gateway as follows:

REGISTRATION INFORMATION	
First Name:	Scott
Last Name:	Kelly
Street Address:	20 kendall st
City:	laguna niguel
State/Region:	CA
Country:	US
Postal Code:	92677
Email:	scott@smithcart.com

ORDER DETAILS	
Item(s):	Monthly
Quantity:	1
Total Price:	\$37.00
Payment Method:	Credit Card

I Agree to the terms

Submit

When the user clicks the submit button on the Smith module the payment is processed via the WorldPay payment gateway and the Smith module displays a confirmation page.

32. Custom Pluggable Payment Gateways

Smith Cart is pre integrated with most of the popular payment gateways you will ever need for your e-commerce site, but you may have the requirement to work with a payment gateway provider that is not currently integrated with Smith Cart. If you need a gateway that is not currently integrated with Smith Cart you have the following two options:

- Use the Custom Payment Gateway Web Service (Direct or Hosted) option that is built in to Smith Cart to plug in a new payment gateway.
- Send a request to have our programming staff integrate a new payment gateway with Smith Cart. <http://www.smith-consulting.com/services/requestquote.aspx>

A. Custom Direct Payment Gateway Web Service

The Direct Custom Payment Gateway Web Service option allows you to plug-in any payment gateway provider you desire.

To configure the “Custom Direct Web Service” do the following:

1. Go to the Store Admin Menu and click the “Payment Setup” button



2. Click the “Payment Gateways” button on the top menu
3. Select the “Custom Direct Web Service” from the gateway dropdown list

Payment Gateway Setup

Payment Gateway:	<input type="text" value="Custom Direct Payment Gateway"/>	*
Merchant ID:	<input type="text" value="userid"/>	
Password:	<input type="text" value="password"/>	
URL:	<input type="text" value="https://secure.myservice.com/processcard."/>	

When the “Custom Direct Web Service” gateway option is selected in the payment gateway setup screen the following required fields are displayed:

Merchant ID - This is a required field for the gateway. Merchant ID is a unique id that identifies you with the gateway provider.

Password - This is the gateway password and is a required field.

URL – Enter the URL of the payment gateway you want to post the credit card transaction to.

For example: <https://secure.myservice.com/processcard.aspx>

The custom web service gateway option performs an https post operation to the URL you enter in the “URL” field. A secure SSL connection is initiated from the cart to the payment gateway URL to pass transaction data in name/value pairs. It is a standard https post “Request – Response” with hidden name value pairs (NVP). The following are the required fields (parameters) in the request and response between the cart and the payment gateway:

Parameters Posted by SmithCart to the Payment Gateway

- Merchant ID
- Password
- Mode = "TEST" or "LIVE"
- Trans_Type = "SALE"
- Credit_Card_Number
- Expiration_Date
- CVV2_Code
- Amount
- Billing_Name
- Address
- City
- State
- Zip
- Country

Response Parameters SmithCart expects back from the Payment Gateway

- AuthCode
- Status (APPROVED or DECLINED)
- TransID
- Notes
- Amount

The cart expects the transaction response parameters from the payment gateway to be returned as an ampersand ("&") delimited string. The gateway response parameters provide information about the status of a transaction whether it was accepted or declined as well as other information about the transaction.

The cart receives and parses the transaction response from the payment gateway and displays the results to the customer.

The custom gateway/web service option in the cart uses the standard WebRequest Class <http://msdn.microsoft.com/en-us/library/system.net.webrequest.aspx> in dot net to communicate with your payment gateway. The integration and communication between the cart and the payment gateway is very similar to the Authorize.Net AIM payment gateway integration here http://www.authorize.net/support/AIM_guide.pdf

B. Custom Hosted Payment Gateway Web Service

The Hosted Custom Payment Gateway Web Service option allows you to plug-in any hosted payment gateway provider you desire. To configure the "Custom Hosted Web Service" do the following:

1. Go to the Store Admin Menu and click the "Payment Setup" button



Payment Setup

2. Click the “Payment Gateways” button on the top menu
3. Select the “Custom Hosted Web Service” from the gateway dropdown list

Payment Gateway Setup

Payment Gateway:	<input type="text" value="Custom Hosted Payment Gateway"/>	*
Merchant ID:	<input type="text" value="tester"/>	
Password:	<input type="text" value="password"/>	
URL:	<input type="text" value="https://secure.mypaymentform.com/payonl"/>	

When the “Custom Hosted Web Service” gateway option is selected in the payment gateway setup screen the following required fields are displayed:

Merchant ID - Merchant ID is a unique id that identifies you with the gateway provider and is used for authentication. Merchant ID should be a required field for the gateway.

Password - This is the gateway password and should be a required field. Used for security authentication.

URL – Enter the URL of the hosted payment gateway you want SmithCart to transfer to when the user checks out in SmithCart and clicks the submit button to make payment.

For example: <https://secure.mypaymentform.com/payonline.aspx>

Redirect and Post

The SmithCart custom hosted web service gateway option will perform a “Response.Redirect” to the URL that you have configured in the “URL” field and pass the payment parameters as hidden fields in the form post.

SmithCart will communicate with the custom hosted payment gateway using a standard https “Request – Response” form post with hidden name value pairs (NVP) fields.

The following are the required fields (parameters) in the request and response between SmithCart and the payment gateway:

Parameters Posted by SmithCart to the Payment Gateway

- merchant_id
- password
- test_mode - "1" for test mode. "0" for live.
- trans_type - "creditcard"
- return_url - The url that the customer will be redirected to after they process a payment.
- first_name
- last_name
- address1
- address2
- city
- state
- country
- postalcode
- email
- telephone
- company_name
- order_id – SmithCart Order ID
- ship_amount
- tax_amount
- order_total
- product: {id},{name},{quantity},{amount} in json format

Example:

```
{product=[{sku:1234, name:ProductABC, quantity:1, amount:100.00}, {sku:2222, name:ProductXYZ, quantity:1, amount:200.00}]}
```

Transaction Response

The Hosted Payment Gateway should redirect buyers back to SmithCart after a successful payment.

The Hosted Payment Gateway gets the URL to redirect the buyer to in one of two ways:

1. By using the "redirect_url" parameter passed by SmithCart in the original post redirect
2. By allowing merchants to configure a URL in there gateway virtual terminal where buyers will be redirected to after a successful payment.

SmithCart will accept response parameters posted from the gateway as form variables.

Response Parameters SmithCart expects back from the Hosted Payment Gateway

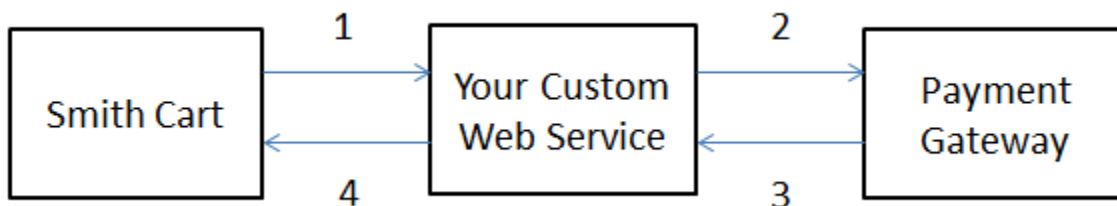
- status - "00000" or "Approved" indicates payment success. Any other value indicates decline.
- payment_type (CreditCard, ACHChecking, ACHSavings)
- auth_code - Authorization code returned from the processor
- trans_id - Transaction ID returned from the processor
- notes - In the case of a declined transaction returns the reason for the decline.

- amount - Amount of the transaction authorized

C. Custom Payment Gateway Architecture

The Smith Cart custom payment gateway options allow you to plug in payment gateways that are not currently pre integrated with Smith Cart.

The following diagram shows the basic flow of control when using the Smith Cart custom gateway option to plug in a new payment gateway:



The following items correspond to the numbers in the diagram above:

1. Your site running Smith Cart sends a Pay request to “Your Custom Web Service”.
2. Your Custom Web Service receives the request from Smith Cart and does the following:
 - Translates the fields posted by Smith Cart to the field names required by the payment gateway.
 - Builds a request to the new payment gateway you want to communicate with.
 - Sends a request to the payment gateway using the communication mechanism outlined in the payment gateway integration guide. Most payment gateways use one of the following communication mechanisms to send and receive information:
 - Http post with hidden form fields
 - Http post with querystring parameters
 - Soap Xml web service
 - Restful web service
 - Method calls to a DLL provided by the payment gateway
3. The payment gateway processes the transaction and responds with an approval or a decline.
4. Your Custom Web Service receives the response from the payment gateway and builds the response back to Smith Cart using the response fields that Smith Cart expects to receive.

Please Note: The box titled “Your Custom Web Service” in the diagram above is a program that you develop and can be in any language you desire (C#, VB, PHP, Java, etc.). Your custom web service functions as a middle man between Smith Cart and the payment gateway you want to integrate with.

The reasons that Smith Cart cannot communicate directly with the new payment gateway and you need to develop your own web service to marshal transactions between Smith Cart and the payment gateway are as follows:

- Each payment gateway uses a different communication mechanism (i.e. http post, soap xml, restful web service, etc.)
- Each payment gateway uses different naming conventions for the request and response fields that are send back and forth.