
PDG Software

VeriSign Payflow Link Guide

**PDG Software, Inc.
1751 Montreal Circle, Suite B
Tucker, Georgia 30084-6802**

Copyright ©1998 - 2004 PDG Software, Inc.; All rights reserved.

PDG Software, Inc. ("PDG Software") retains all ownership rights to the software programs (referred to herein as "Software") offered by PDG Software and related documentation. Use of the Software and related documentation is governed by the license agreement accompanying the Software and applicable copyright law.

THIS DOCUMENTATION IS PROVIDED "AS-IS" WITHOUT WARRANTY OF ANY KIND. IN NO EVENT SHALL PDG SOFTWARE BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OR DATA, INTERRUPTION OF BUSINESS, OR FOR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND, ARISING FROM ANY ERROR IN THIS DOCUMENTATION.

PDG Software, Inc.
<http://www.pdgsoft.com>

August, 2004

Setting up VeriSign Payflow Link

P DG Shopping Cart and PDG Commerce now support VeriSign's Payflow Link to allow your customers to pay with credit cards or checks. To use this, you need to configure your VeriSign manager, and then configure the PDG Merchant Administrator.

Overview of Payflow Link Process

Using VeriSign's Payflow Link as part of the checkout process for PDG Shopping Cart or PDG Commerce is easy and simple. The checkout process for your customer begins normally. Your customer is presented with a 'checkout' page where they provide billing contact and shipping information. From there the customer proceeds to the 'verify' page, where the customer can choose a method of payment. From this page, PDG Shopping Cart and PDG Commerce will redirect the customer to the VeriSign Payflow Link server, passing the collected contact information to it. The customer then provides the VeriSign server with the proper payment information, and the transaction is processed by VeriSign Payflow Link. Once the transaction is processed, the Payflow Link server silently contacts your PDG Shopping Cart or PDG Commerce and notifies it of the order completion. PDG Shopping Cart and PDG Commerce can then log the order properly and send out appropriate emails.

Configure VeriSign Manager

This section will detail some of the settings needed for PDG Shopping Cart and PDG Commerce to operate properly with VeriSign's Payflow Link. For additional documentation on Payflow Link and the Payflow Manager, please refer to the VeriSign Payflow Link documentation, which can be obtained in

the ‘Downloads’ section of your Payflow Manager (https://register-payflow.verisign.com/downloads/PayflowLink_Guide.pdf)

First log in to your VeriSign Manager, which can be accessed from <https://manager.verisign.com>. After you log in, click on “Account Info” and then click on “Payflow Link” on the left side of the navigation panel.

Form Configuration

Return URL Method:

Return URL:

Silent POST URL:

Force Silent Post Confirmation: Failed Silent Post Return URL:

Billing Information:

Required Fields: Name Address City State Zip Country Phone Email CSC

Editable Fields: Name Address City State Zip Country Phone Email CSC

Note: Required/Editable Billing Information is not valid for Telecheck

Shipping Information:

Required Fields: Name Address City State Zip Country Phone Email

Editable Fields: Name Address City State Zip Country Phone Email

Transaction Process Mode:

You need to set the following parameters:

- Return URL Method: Link
- Return URL: The URL that is loaded when your customer clicks the Continue button after the last VeriSign Payflow Link page for a successful transaction.
Note: Do not include http:// or https://
- Silent Post URL: The URL to the PDG Shopping Cart or PDG Commerce executable.
Note: Do not include http:// or https://
- Force Silent Post Confirmation: Checked
- Failed Silent Post Return URL: The URL that is loaded when your customer clicks the Continue button after the last VeriSign Payflow Link page for a failed transaction.
Note: Do not include http:// or https://

The next set of form inputs allow you to indicate which order fields are required, and if you want your customer to be able to change any information provided to VeriSign by PDG Shopping Cart or PDG Commerce. PDG Software recommends that all the fields should be marked as required, including the CSC (also known as CVV2 or CCV). If you would like, you can let your customers modify the address / contact data initially collected by PDG Shopping Cart or PDG Commerce. PDG Shopping Cart and PDG Commerce will receive any changes via the silent post.

Once you are finished setting up and running any tests, be sure to change “transaction mode” from “test”.

Configure PDG Merchant Administrator

To configure PDG Shopping Cart or PDG Commerce to use VeriSign’s Payflow Link, log into your Merchant Administrator. Select “Payment Methods” and then choose “VeriSign”.

VeriSign Settings	
VeriSign account type:	<input checked="" type="radio"/> PayFlow Link <input type="radio"/> PayFlow Pro
VeriSign account login ID:	<input type="text" value="web123"/>
VeriSign account password:	<input type="text" value="xyz0967654"/>
VeriSign Partner:	<input type="text" value="VeriSign"/>
VeriSign Vendor Name:	<input type="text"/>
VeriSign authorization type:	<input type="text" value="Authorization"/>
VeriSign Host:	<input type="text"/>
VeriSign port:	<input type="text"/>
File to which VeriSign transactions are logged:	<input type="text"/>

Select “Payflow Link”. Provide your account login information, the Partner field, and the Authtype.

For the VeriSign Host field, you should provide the complete URL to Payflow Link. If left blank, the default Payflow Link server without Fraud Protection Service will be used. If you are using the Fraud Protection Service, you will need to specify the complete URL (including ‘https’) here. If you are unsure of the URL to place here, please refer to the VeriSign Payflow Link documentation, which can be obtained in the ‘Downloads’ section of your Payflow Manager (https://register-payflow.verisign.com/downloads/PayflowLink_Guide.pdf)

The Vendor Name, Password, and Port fields are not used for Payflow Link configurations.

The bottom half of this page deals with specific Payflow Link settings.

VeriSign Fraud Protection Settings	
Accept "Flagged for review by filters" (RESULT 126) as a valid (authorized) transaction:*	<input type="checkbox"/>
Accept "Not processed by filters" (RESULT 127) as a valid (authorized) transaction:*	<input type="checkbox"/>
Acceptance message for Fraud Protection Result Codes: <small>used in customer emails, payment result templates and order log</small>	
<input type="text"/>	
VeriSign PayFlow Link Settings	
Redirect to VeriSign Template:	<input type="text"/>
Maximum size of transaction directory:	<input type="text"/> K
<input type="button" value="Submit Changes"/>	

“Redirect to VeriSign Template” should point to the template used to redirect the order process to VeriSign. This is set by default to point to a default template. If you change this redirect template’s filename, you must specify the new filename here.

“Maximum Size of Transaction Directory” allows you to specify the maximum size of the temporary transaction directory. When an order is placed that is processed by Payflow Link, that order’s details are stored temporarily in this temporary transaction directory. When the order is completed, the order’s details are removed from the directory. Only orders from declined sales or orders that have been abandoned stay in this directory. When the directory size reaches the specified maximum, the oldest abandoned order details will be deleted to make room for the new temporary orders. With a larger directory size, more orders can be stored temporarily longer - but this comes at a cost of disk space used.

The next two settings allow you to specify if you will accept transactions that were flagged by the Fraud Protection Service. If you do choose to accept these orders, an additional message can be appended to the emails sent out to customers for those flagged orders. This message can indicate that the order was received and will be processed shortly - giving you time to decide if you want to proceed with completing them.

Note that if you choose to process ‘126’ and ‘127’ transactions (fraud filtered), then it will be up to you to notify the customer whether or not you have accepted the order.

Once VeriSign Payflow Link has been configured within your Merchant Administrator, you can add a payment method that uses it. For the payment method, enter a description and choose ‘No extra info’, as the payment information will be collected by VeriSign. For the authorization service, choose

'VeriSign'. Finally choose the connection type on which the payment method will be available - either non-SSL or all connections.

PDG Template Tags

There are a couple of new tags that are recognized by PDG Shopping Cart and PDG Commerce for use with Payflow Link. These tags can appear on either the Verify template, or on the special Payflow Link template. If you are using Payflow Link as the only payment method available to your customers, then you can use these tags directly on the Verify template. If you are offering other payments in addition to Payflow Link, the Payflow Link template (and not the Verify template) uses these tags to initiate the payment process.

!---PAYFLOW_LINK_ACTION--- : This tag is replaced with the URL to the Payflow Link server.

<!--PAYFLOW_ORDER_DATA--> : This tag is replaced with hidden form data to be sent to the Payflow Link server.

An example Payflow Link template might be:

```
<html>

<body onLoad="javascript:setTimeout('document.forms.pdgredirect.submit()', 4000);">

<form action = "!---PAYFLOW_LINK_ACTION---" method=POST
name=pdgredirect>

<!--PAYFLOW_ORDER_DATA-->

<center>Please wait while we direct you to VeriSign's secure web site to
complete your payment.</center>

<center>Thank you for your patience.</center>

<center><input type=submit name= value="Go To VeriSign's PayFlow Link
Payment Pages (click here if you are not redirected automatically)"></center>

</form>

</body>

</html>
```

This template will then be used by PDG Shopping Cart or PDG Commerce to redirect the customer to the Payflow Link Server after the customer chooses to pay using Payflow Link.



