

PayDotCom.Com Developers Guide

v1.4 BETA

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Introduction

Beta Document Warning

This document is considered BETA. That means that, while usable, the document and actual implementation of the services described herein are subject to change frequently and at any time, and **without notice**. Please make sure you have the latest version

Legal

This document has been prepared as a resource for merchants using the PayDotCom.Com payment platform.

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Support

Basic customer support is available to all PDC merchants through our support desk at: <https://paydotcom.com/cgi-bin/helpdesk/kb.cgi> .

Our community members are also very helpful, and many common questions can be answered in the forums:

<https://paydotcom.com/forum/>

We cannot provide direct integration support to developers at this time. Please contact a qualified PDC-authorized developer or service provider for additional technical assistance.

For a current list of developers and authorized third party products, please see <https://paydotcom.com/developers/>

Third Party Developers and Software

PDC is actively recruiting experienced developers with a commitment to excellence and customer service to become PDC Development Partners – helping clients connect PDC to their websites as well as integrate PDC into new and existing ecommerce solutions.

If you would like to be part of the PDC developers network, please contact PDC through the support desk: <https://paydotcom.com/cgi-bin/helpdesk/kb.cgi> .

Payment Processing with PayDotCom.Com Overview

Affiliate Link -> PDC ->

Sales Page -> PDC -> Processor -> PDC -> Thank You page

| -> Instant Payment Notification

Setting up your Sales Page

Once you have created your product sales page, simply log into your PayDotCom account administrator (My Products | Get Button Code) and find the Buy Now button you like.

Then, copy and paste the button code you like onto your sales page, and you are ready to go.

When a customer clicks on an affiliate link, a cookie is set based on your product and the affiliate, then redirected to the sales page. To let you know who the affiliate was, “?id=affiliate_name” is appended to the address of your sales page, making it easy for you to track affiliate pages.

Hint: The “link” to your PDC order page is:

https://paydotcom.com/sell.php?id=<YOUR_PRODUCT_ID>

Custom Sales Page Variables

In addition the standard id variable passed to the sales page, PDC also accepts and stores additional variables passed in the GET request. These are then passed back to you're your thank-you page and IPN script after purchase.

Use these variables to pass your own custom tracking variables.

Example:

https://paydotcom.com/sell.php?id=<YOUR_PRODUCT_ID>&custom=CUSTOM

NOTE: the variables you pass may be spoofed by unscrupulous people. Please make sure that you use your own verification mechanism when using custom sales page variables. Custom Sales Page Variables may not be longer than 100 characters, total.

Creating a “Thank You” page

After the order is complete, your customer must click the PayPal “Click Here to Complete Your Order” button on PayPal (other processors may work differently). This will redirect your customer to PayDotCom for order verification, which will eventually send your customer to your thank-you page as configured in your account.

Your thank you page is where your customer lands after orders are complete. Depending on the mode of operation, the payment may be verified before sending them to your thank-you page. Please see Standard vs. Authenticated Mode, later in this document.

PDC passes the following variables to the Thank You page:

- id = product id sold
- pdc_session: the internal pdc_session data (use as a transaction id)
- pdc_verified: 1 if we've received the verification notice from the processor, 0 if not.
- any custom sales page variables you passed on your sales link

Example:

Assume:

- Product id is: 269
- Internal customer number is 100 (this is something from your own database)
- Thank you page is: <https://www.example.com/thanks.php>
- Order link: <https://paydotcom.com/sell.php?id=269&customer=100>

PayDotCom will redirect your customer to a URL similar to the following upon successful payment completion:

- https://www.example.com/thanks.php?id=269&pdc_verified=1&&pdc_session=67d6e24e94e0904c5690e7ade0500445&customer=100

On your thank you page, you may provide order fulfillment directly, or you may simply say “thank you for your order”, and then send the order fulfillment via shipment or email.

Third party applications to automate this process are available, see <http://paydotcom.com/developers/>

NOTE: If your customer DOES NOT click this button, then they will NEVER be redirected back to PDC, and will NOT get to your thank you page. This is the most common error customers make, and a frequent source of complaints from customers when their order is not fulfilled.

Customers not clicking the “Complete your order” button is yet another reason to consider using the Instant Payment Notification for order fulfillment instead of a traditional thank-you page.

Securing your site with Instant Payment Notification

If you have given PDC an “Instant Payment Notification” URL in your product, PDC will send a POST with relevant payment

The PDC IPN looks similar to a PayPal IPN – but it is NOT from PayPal. Internally, PDC “normalizes” all processor payment data (PayPal, StormPay, Authorize.Net, etc) into one group of fields. See PDC IPN Variables and Descriptions later in this document for more information.

PDC handles verifying payment with the processor: you can assume that any PDC IPN that comes from paydotcom.com and has your un-compromised secret code in the pdc_secret field is a true payment and has been verified with the processor – as much as the processor allows (currently the PayPal implementation is more easily authenticated than StormPay).

StormPay Users: Your PDC Secret code should be the same as your StormPay secret. An upcoming version of PDC will do StormPay authentication based on the secret you enter here.

PDC sends IPN on verified payments and refunds, only.

Note: We strongly suggest that your IPN URL be encrypted using SSL (an https:// address) with a trusted certificate, and that you keep your “secret code” for each product secure. Compromised secrets are one way the “bad guys” can steal your products.

In the GET portion of the post (The part after the ?) will be the product_id (id=?) and any Custom Sales Page Variables you have passed. The POST portion sends the variables defined in PDC IPN Variables and Descriptions.

Note: This system is still being refined. Variables will be added and removed from this set as we refine what is actually needed and useful to merchants.

The pdc_session variable

Once a payment has been started at PDC, it is assigned a unique id that follows it throughout the system, and is send both to your thank-you page and the IPN for that transaction. In this way, you can easily determine which transactions correspond to which sales.

A pdc_session variable is an md5 hash of internal PDC data, hat is guaranteed within the constraints of the md5 algorithm to be unique for every transaction.

PDC IPN Variables and Descriptions

Field	Example Data	Description
pdv_version	1.4	Vesion of this IPN implementation.*
pdv_affid	34	PDC Member ID of top level affiliate.**
pdv_productid	269	Product id Sold
pdv_campid	0	Campaign id
pdv_tool	0	Tool Id
pdv_session	be397a2ee3d8f0c6fc48116128cd4779	Session Id
pdv_source	Paypal StormPay Other	Processor
pdv_profit	1.00	Your Profit (after affiliates and PDC Fees)
pdv_fee	0.00	The fee charged by PDC for this transaction.
pdv_secret	secret	Secret code, entered into your administrator
txn_id	30W60805V24163544	Transaction ID – from processor
receiver_email	me@example.com	Email address of business receiving funds.
item_name	Test	Name of the item
item_number	269	Product id, same as pdv_productid
quantity	1	# sold (currently always "1")
payment_status	Completed	Completed, Pending or Refunded
payment_date	22:29:40 Oct 07, 200	Date
payment_gross	1.00	Processor Specific, not used by PDC
payment_fee	0.33	Processor Specific, not used by PDC (fee charged by PayPal, in this example)
tax	0.00	Processor Specific, not used by PDC
mc_gross	1.00	Total amount collected
mc_currency	USD	Currecny, should always be USD in this implementation.
mc_fee	0.33	Processor Specific, not used by PDC (fee charged by PayPal, in this example)
txn_type	web_accept	
first_name	Customer	Buyer first name
last_name	Name	Buyer last name
address_street	123 main Stret	Buyer street address
address_city	Anytown	Buyer city
address_state	ST	Buyer State
address_zip	00000	Buyer Zipcode
address_status	confirmed	Processor Specific, not used by PDC
address_country	United States	Buyer Country
payer_email	vustomer@example.com	Buyer Email
payer_status	verified	Processor Specific, not used by PDC
payment_type	instant	Processor Specific, not used by PDC
notify_version	1.9	Processor Specific, not used by PDC
verify_sign	[Processor Specific]	Processor Specific, not used by PDC
business	me@example.com	Processor Specific, not used by PDC
test_ipn	0	Whether this is a test or live transaction
payer_id	R3L4YBQ33F8DY	Processor Specific, not used by PDC
receiver_id	C7QET64P6KYAA	Processor Specific, not used by PDC
shipping	0.00	Processor Specific, not used by PDC