



Sample NaviGate PHP Connection Script

I. General Information

PHPGatewayAPI gives you the ability to easily process transactions through MerchantPlus' NaviGate gateway system. The NaviGate gateway provides secure transactions from your website for all major card types in addition to your virtual terminal through the web interface.

II. Installation Information

The most common method of installation for the script is to unzip the script files into your web root. The files will create a subdirectory called "orderform". You may then access your script via the following URL:

- Example URL: <http://www.mydomain.com/orderform/orderform.php>

The subdirectory will contain the php scripts and configuration scripts needed to process transactions, as well a two folders; "gatewayapi" contains all of the .php API scripts and "images/cards" holds some credit card images for the example order form.

III. Configuration Information

Configuring the script is as simple as entering your form variable names inside of the *inc_gatewaysettings.php* file. Most of the configuration options have already been pre-configured with the gateway and do not need changing. In order to run a transaction using the sample order form, you must change the following fields:

- username
- tran_key

In order to further customize the behavior of your script, please see Sections IV and V for a complete detail of the configuration parameters.

For gateway support, please email support@merchantplus.com.

IV. Files & Descriptions:

orderform.php	An example order form with some useful API and JavaScript examples.
process_transaction.php	An example script to post the order form to. This takes the POST variables, creates an API transaction, sends it to the gateway, parses the response, and on show how to interpret the response. On success, it goes to the configured Success Page (default "thankyou.php"), and on failure, it goes to the configured Failure Page (default "failed.php").
phpgatewayapi.css	Example style-sheet used by some files.
cvv.html	An example page to display an image about where to find the CVV Code on credit cards (used by the example orderform.php).
inc_gatewayapi.php	Header file to include in the scripts you want to use the API.
inc_gatewaysettings.php	Script configuration file.
inc_gatewaytransaction.php	This is the GatewayTransaction class. It parses the form fields, verifies the data, reformats the transaction for the gateway, sends it, and handles any errors.
inc_gatewayresponse.php	This is the GatewayResponse class. It parses the response from the gateway, lets you access any field in the response, has easy functions for IsApproved(), IsDenied(), IsError(), and has useful functions for



	interpreting the results of AVS, CVV, CAVV, and for verifying the optional MD5 Hash String.
inc_gatewayfunctions.php	Various functions used by the gateway api that you may find useful.
inc_dates.php	Functions for creating Date dropdown lists, probably for selecting the expiration date in a webpage.
inc_iso3166.php	This file contains the ISO 3166 Country Codes in various formats and the full country names. It has functions for creating dropdown lists and converting between the different formats.
inc_states.php	This file contains the 2-letter State abbreviations and full names. It has functions for creating dropdown lists and converting between the different formats.
thankyou.php	Example page for a successful transaction.
failed.php	Example page for a failed transaction

V. Configuration Description ([inc_gatewaysettings.php](#)):

username	Gateway Username
tran_key	Gateway Transaction Key (Generated in the Gateway Web Interface)
version	Gateway Version
test_mode	Indicates a test transaction, accepts the values "TRUE" or "FALSE"
AllowTestOverride	Indicates if the test_mode setting can be overwritten by sending a test_mode parameter to the API. Useful security feature to make sure people don't change your test mode just by sending an extra variable to your script. Acceptable values: true / false
header_email_receipt	This text will appear as the header on the transaction confirmation email sent to the customer.
footer_email_receipt	This text will appear as the footer on the transaction confirmation email sent to the customer.
merchant_email	Email address to which the merchant's copy of the customer confirmation email should be sent.
email_customer	Set this value to "TRUE" to send the customer an email after the transaction, otherwise set it to "FALSE".
url	URL that the transaction will post to. (please do not change this unless you know what you're doing)
curl_location	This is the full path to the curl program on your web server. If you do not have the PHP Curl module installed, use the command line program at this location instead. (Example: /usr/bin/curl) [Currently, this can be downloaded at: http://curl.haxx.se/dlwiz/?type=bin]
PaymentApprovedPage	Page to display if an order is approved
PaymentDeniedPage	Page to display if an order is declined
AllowVisa	Indicates whether you want to and can accept Visa Cards. Check with your merchant account provider. Accepts true or false.
AllowMC	Indicates whether you want to and can accept Mastercard Cards. Check with your merchant account provider. Accepts true or false.
AllowDiscover	Indicates whether you want to and can accept Discover Cards. Check with your merchant account provider. Accepts true or false.
AllowAmex	Indicates whether you want to and can accept American Express Cards. Check with your merchant account provider. Accepts true or false.
AllowJCB	Indicates whether you want to and can accept JCB Cards. Check with your merchant account provider. Accepts true or false.



AllowDiners	Indicates whether you want to and can accept Diners Club Cards. Check with your merchant account provider. Accepts true or false.
AllowCarteBlanche	Indicates whether you want to and can accept Carte Blanche Cards. Check with your merchant account provider. Accepts true or false.
AllowEnRoute	Indicates whether you want to and can accept EnRoute Cards. Check with your merchant account provider. Accepts true or false.
AllowEChecks	Indicates whether you want to and can accept E-Checks. Check with your merchant account provider. Accepts true or false.
AllowInternational	Indicates whether you want to accept country values other than United States. (Only pertains to our example order form).
MD5Hash	Optional MD5 Hash keyword you configured in the Gateway Web Interface.

VI. Transaction Types:

Transaction Type	Description
AUTH_CAPTURE	Transactions of this type will be sent for authorization. The transaction will be automatically picked up for settlement if approved. This is the default transaction type in the gateway.
AUTH_ONLY	Transactions of this type are submitted if the merchant wishes to validate the credit card for the amount of the goods sold. (This is the type of transaction hotels perform at the time of check-in.)
PRIOR_AUTH_CAPTURE	This transaction is used to request settlement for a transaction that was previously submitted as an AUTH_ONLY.
CREDIT	This transaction is also referred to as a "Refund" and indicates to the gateway that money should flow from the merchant to the customer.
CAPTURE_ONLY	This is a request to settle a transaction that was not submitted for authorization through the payment gateway.
VOID	This transaction is an action on a previous transaction and is used to cancel the previous transaction and ensure it does not get sent for settlement.