

GPN Data Payment Page Instructions using HTTP Form Post

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Integration from an eCommerce web page can be accomplished using HTTP Form Post. These instructions are designed to allow you to cut and paste the HTML code into your webpage and simply replace various parameters as indicated. **These instructions are intended for the person who is capable of making HTML changes to your website. If you cannot do this, forward these instructions to someone who can and have THEM contact our Technical Support team on your behalf.**

- DO NOT ask the Technical team to do the integration for you or to teach you about HTML.
- DO NOT play middleman and relay instructions between the GPN Tech Team and your programmer
- DO NOT ask the GPN Tech Team any questions until you have read this document in its entirety.

Step 1 – login to your MBO (Merchant Back Office) using the credentials emailed to you. Navigate to the Merchant::Technical Integration page and obtain your:

- MerchantID
- Transaction Currencies
- Transaction URL
- apiKey

Step 2 - For each product or service you offer on your web page, you must add an HTML form using method="post" with a submit button (or image used as a button). Use hidden HTML tags to send the data.

Example:

```
<form action="https://your Transaction URL" method="post"> {see note #1}  
  <input type="hidden" name="merchantid" value="your MerchantID"> {see note #2}  
  <input type="hidden" name="amount" value="the amount of this item"> {see note #3}  
  <input type="hidden" name="currency" value="the currency used"> {see note #4}  
  <input type="hidden" name="description" value="the name of the your plan"> {see note #5}  
  <input type="hidden" name="checksum" value="the calculated checksum"> {see note #6}  
  <input type="submit" value="Purchase Now">  
</form>
```

Note #1 – Replace **https://your Transaction URL** with the Transaction URL obtained in Step 1

Note #2 – Replace **your MerchantID** the MerchantID obtained in Step 1

Note #3 – Replace **the amount of this item** the exact amount listed on your website for this plan. The amount must be expressed as 129.00 using a period for the decimal and including the 00.

129.00 ← Correct 129 ← Incorrect
105.90 ← Correct 105.9 ← Incorrect

Note #4 – Replace **the currency used** with one of the Transaction Currencies obtained in Step 1

Note #5 – Replace **the name of the your plan** with the name of your Plan, exactly as it appears on your website.

Note #6 – Replace **the calculated checksum** with the checksum calculated in Step 3

Step 3 – Checksum

To assure the integrity of the information being sent, we use a checksum calculated using various parameters in a concatenated string and a sha1() function. The parameters used are the following and MUST be used in the order given:

merchantid
amount
currency
description (maintain any spaces used in the description)
apikey

The apiKey can be obtained from the MBO (see Step #1)

Using the following example:

Merchantid = 9101
amount = 29.99
currency = USD
description = My Product
apikey = 66D91A29-0E7A-4D72-AE75-D2C4C5DBE223

\$str = 910129.99USDMy Product66D91A29-0E7A-4D72-AE75-D2C4C5DBE223

Checksum = sha1(\$str) = 2ae38e4d472f077c40e22d675beee5db2de117dc

If you do not know how to execute a sha1() function, you may refer to the following link:

<https://www.functions-online.com/sha1.html>

The checksum will be unique for each HTML Form (see Step#2) used. **If you make any changes to any of the 5 elements used to calculate the checksum, you must recalculate.**

Step 4 – Testing

Once you have completed your HTML Form(s), you must make a test transaction.

1. During Testing, no transactions will be submitted to a real bank and no cards will be charged
2. You may use any valid card number (except 4111111111111111). **If you need test card numbers, please search the web for “get credit card numbers”.**
3. Select an expiration date greater than this month and year
4. Use 300 for the CVV for Approved results or 800 for Declined results
5. Use a realistic values for the customer details (first and last name, email, etc). **DO NOT USE NAMES LIKE TEST OR TESTTEST!**

6. If you choose to make multiple tests using the same card number you MUST use the same customer details! (we do not support different people using the same card number)
7. It is best that you test each of your Plans
8. Notify our Technical Support team when you believe you have finished testing. You may do so via the online chat in your MBO or via email: techsupport@gpndata.com

NOTE: Your transactions will be processed as 3D Secure (Verified by Visa, SecureCard by MasterCard). During testing, your account is connected to a TEST bank to simulate live processing and no cards are actually sent to a live bank. The GPN Test bank includes a 3D Secure Authentication Page. This is for Testing only and no customer will see this page. If their card is enrolled in a 3D Secure program, they will see an Authentication Page from the Bank that issued their card. If the card is not enrolled, the card will be processed normally.

Step 5 – Migrating to PRODUCTION account and live processing

Once our Technical Team checks your test transactions and are satisfied they meet our requirements, the Tech will notify you via online chat in your MBO and email. At that time, the GPN DATA Sales team will be notified that you have completed integration. When the Tech Support Team receives permission from the Sales Team that all agreements are in order, you will be contacted by the Technical Team regarding your next steps.

Do not ask the Technical Support Team when you will be able to begin live processing. If you have questions such as this, refer them (as well as any other commercial questions) to your Account Manager.

Step 6 – Migrating to PRODUCTION account and live processing

Once we receive permission from your Account Manager, you will receive an email with login credentials to your MBO on the PRODUCTION server.

1. You must repeat **Step 1** to obtain your PRODUCTION account details.
2. Change the MerchantID and Transaction URL for each Plan (see **Step 2**)
3. Recalculate the checksums using the new API key
4. Notify Technical Support via online chat in your MBO that you are ready to try at least one of your Plans on the PRODUCTION server to be certain your changes are correct. **This MUST be accomplished during live communications between you and the Tech.**
5. Wait for the Tech to tell you that you may begin to test one of your plans with the new account information. You may use a test card number (Step 4 Item 2) or a real credit card as the test will not result in any charges to the card.
6. If the test is unsuccessful, work with the Tech to see what is wrong and correct it.
7. If the test is successful, the Tech will inform you to wait a few minutes while your account is connected to the live Acquiring Bank.
8. Once the Tech confirms that you are connected to a live Acquiring Bank, you are ready to begin accepting real credit card transactions.

Optional Additional Transaction Data

The HTML Form must contain these fields at a minimum:

- merchantid
- amount
- currency
- description
- checksum

You may also select to “pre-populate” the Payment Page with Customer data. Simply add additional lines with hidden tags: `<input type="hidden" name="" value="">`

The names for the additional Tags are:

- orderid (if not included, this will be generated by the PaymentPage)
- firstname
- lastname
- birthday
- birthmonth
- birthyear
- email
- country (3 character iso code)
- stateregion (2 character iso code)
- zippostal
- city
- address1
- address2 (optional second address line if needed)
- phone (full with country code and area code, without +)
- accountid (Your own method of customer id used in your system. If not provided email is used).