



INTEGRATION WITH THE NETPG GATEWAY USING PHP

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INTRODUCTION

Using the NetPG gateway an authorized user can make credit or debit card payments from any SSL secure website.

This document explains how to use the features described in "NetPG Integration Guide" with PHP and the netpg.class.php file.

To use the NetPG gateway you must have the following:

1. A valid merchant id
2. A NetPG account with UKFAST

PAYMENT SUBMISSIONS

Lets take a look at this example:

<?

```
include ("netpg.class.php");
$netpg = new NetPG;
$netpg->SetMerchantID("$merchantid");
$netpg->SetAmount("$amount");
$netpg->SetCardNumber("$cardnumber");
$netpg->SetStartMonth("$startmonth");
$netpg->SetStartYear("$startyear");
$netpg->SetExpiryMonth("$expirymonth");
$netpg->SetExpiryYear("$expiryyear");
$netpg->SetIssue("$issue");
$netpg->SetCustomerName("$customername");
$netpg->SetCustomerAddress("$customeraddress");
$netpg->SetCustomerPostcode("$customerpostcode");
$netpg->SetProducts("$products");
$response = $netpg->Charge();
echo $response;
```

?>

In the first line, we have included the required php class file, the next line creates the NetPG object.

\$netpg = new NetPG;

After that we have set all the properties required for the payment to be sent.

PAYMENT PROPERTIES DESCRIPTION

Below is a list of properties that can be set by the NetPG object:

- **SetMerchantID()** Your merchant id
- **SetAmount()** The amount to be debited
- **SetCardNumber()** The card number to be debited
- **SetStartMonth()** The cards start month
- **SetStartYear()** The cards start year
- **SetExpiryMonth()** The cards expiry month
- **SetExpiryYear()** The cards expiry year
- **SetIssue()** The cards issue number
- **SetCustomerName()** The card holders name
- **SetCustomerAddress()** The card holders address
- **SetCustomerPostcode()** The card holders post code
- **SetProducts()** A list of products / services that have been purchased

You can see what each of these properties values can be set to in the documentation "NetPG Payment Integration Guide" in the "Parameters" section.

SUBMITTING THE PAYMENT

Finally, we can send the payment by using the Charge method:

```
$response = $netpg->Charge();
```

After submitting a payment, the variable \$response will contain the response back from the NetPG gateway.

For a list of these response see the documentation "NetPG Integration Guide".

The included test file payment.php goes a bit further than the above example and proceeds to verify the payment was successful or not.

REFUND SUBMISSIONS

Lets take a look at this example:

<?

```
include ("netpg.class.php");  
$netpg = new NetPG;  
$netpg->SetMerchantID("$merchantid");  
$netpg->SetAmount("$amount");  
$netpg->SetCrossReference("$crossreference");  
$response = $netpg->Refund();  
echo $response;
```

?>

In the first line, we have included the required php class file, the next line creates the NetPG object.

\$netpg = new NetPG;

After that we have set all the properties required for the refund to be sent.

REFUND PROPERTIES DESCRIPTION

Below is a list of properties that can be set by the NetPG object:

- **SetMerchantID()** Your merchant id
- **SetAmount()** The amount to be refunded, this cannot be greater than the original amount taken.
- **SetCrossReference()** The cross reference number of the original transaction

You can see what each of these properties values can be set to in the documentation "NetPG Refund Integration Guide" in the "Parameters" section.

SUBMITTING THE REFUND

Finally, we can send the refund by using the Refund method:

\$response = \$netpg->Refund();

After submitting a refund, the variable \$response will contain the response back from the NetPG gateway.

For a list of these response see the documentation "NetPG Refund Integration Guide".



DOWNLOADABLE FILES

You can download "NetPG + PHP Integration.zip" which will contain the following files:

netpg.class.php – This file is required to send payments to our system if using our example scripts. It can also be included in your current site.

payment.html – Test submitting a payment, also uses the payment.php and netpg.class.php files

payment.php – Submits a payment to the NetPG gateway using the values from payment.html

** note ** before using the example scripts, you will need to set your MerchantID in the payment.php file.