



## **INTEGRATION WITH THE NETPG GATEWAY USING ASP.NET**

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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 ASP.NET and the two dll files MSXMLNET.DLL and NET\_PG.dll.

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:

```
<%@ Import Namespace="netpgclass" %>
<%@ Page Language="vb"%>

<%
Dim netpg As netpgclass.netpg
netpg = new netpgclass.netpg

Dim response
netpg.SetMerchantID(merchantid.text)
netpg.SetAmount(amount.text)
netpg.SetCardnumber(cardnumber.text)
netpg.SetStartMonth(startmonth.text)
netpg.SetStartYear(startyear.text)
netpg.SetexpiryMonth(expirymonth.text)
netpg.SetexpiryYear(expiryyear.text)
netpg.SetIssue(issue.text)
netpg.SetCustomerName(customername.text)
netpg.SetCustomeraddress(customeraddress.text)
netpg.SetCustomerpostcode(customerpostcode.text)
netpg.SetProducts(products.text)
response = netpg.Charge()
Response.Write (response)

netpg = Nothing

%>
```

In the first line, we have imported the required dll file, the sixth line creates the NetPG class.

**netpg = new netpgclass.netpg**

After that we have set all the properties required for the message 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 Integration Guide" in the "Payment 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 lbl1 will contain the response back from the NetPG gateway.

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

## **REFUND SUBMISSIONS**

Lets take a look at this example:

```
<%@ Import Namespace="netpgclass" %>  
<%@ Page Language="vb"%>  
  
<%
```

```
Dim netpg As netpgclass.netpg  
netpg = new netpgclass.netpg
```

```
Dim response  
netpg.SetMerchantID(merchantid.text)  
netpg.SetAmount(amount.text)  
netpg.SetCrossReference(products.crossreference)  
response = netpg.Refund()  
Response.Write (response)
```

```
netpg = Nothing
```

```
%>
```

In the first line, we have imported the required dll file, the sixth line creates the NetPG class.

```
netpg = new netpgclass.netpg
```

After that we have set all the properties required for the message 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 debited
- **SetCrossReference()** 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 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 lbl1 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 + ASP.NET Integration.zip" which will contain the following files:

**MSXMLNET.dll** \* – This file is required to send payments to our system if using our example scripts. It can also be included in your current site.

**NET\_PG.dll** \* – This file is also required to send payments to our system if using our example scripts. It can also be included in your current site.

**payment.aspx** – Submits a payment to the NetPG gateway using the values from the included form.

\* These files are to be placed in the /bin/ folder within your FTP space.

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