



INTEGRATION WITH THE NETPG GATEWAY

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INTRODUCTION

This document will allow you to get the most out of your NetPG account.

It lists the parameters accepted by the gateway, this includes:

Parameter name.
Description of the field.
If it is a required field or not.
The maximum length and field type.

Error messages are also listed along with the possible reason for the error.

The syntax for a successful response is given, this shows the response codes and there meaning.

SUBMISSION

Submitting your payment to our gateway can be done in two ways, both of these ways use the payment submission url which is:

<https://netpg.sslsecure.co.uk/payment/process.php>

1. You can create standard html pages that submits your form direct to our submission url.
2. PHP,CGI,ASP or any web programming language can be used to integrate into our system, this allows a lot more flexibility and the customer never has to leave your site!

Using option one allows you to create a payment solution swiftly, specifying the retok and retnotok url's means that you can show your customers whether a payment has been authorized or not.

Option two allows you to integrate your existing e-commerce site with our payment gateway, this is done by using socket connections to our submission url.

We will provide you sample scripts that show you different ways to integrate your site into our payment gateway.

In the next sections we will show the parameters that the payment gateway accepts, these parameters will also indicate if it is a required field, the maximum length accepted and the type.

A key is provided below the table.

PARAMETERS

Below you will find a list of parameters that the NetPG system accepts:

Parameter	Description	Req'd	Size	Type
merchantid	NetPG merchant number. Use 0000018 for testing.	M	7	N
amount	The amount to be authorized, numeric, minor, currency i.e. pence/cents etc. Decimal points and commas will be stripped out automatically at the gateway.	M	10	N
retok	Address (URL) to redirect to following a successful transaction.	M/O**	-	A
retnotok	Address (URL) to redirect to following an unsuccessful transaction.	M/O**	-	A
cardnumber	Credit card number. (Anything not numerical will be stripped out automatically at the gateway.	M	20	N
startmonth	Card start month.	M/O*	2	N
startyear	Card start year.	M/O*	2	N
expirymonth	Card expiry month.	M	2	N
expiryyear	Card expiry year.	M	2	N
issue	Card issue number.	M/O*	2	N
customername	Customers Name.	O	30	A
customeraddress	Customers Address.	O	100	A
customerpostcode	Customers Postcode.	O	10	A
products	Details of products or services purchased.	O	168	A

M = Mandatory, O = Optional, A = Alpha-Numeric, N = Numeric.

** = Required for certain card types, ** = Both required if one is entered.*

ERROR RESPONSE MESSAGES

Below is a list of error responses that are created by our system, a possible explanation will also be given.

Error messages will be preceded by ERROR:then the error message.

MISSING MERCHANT ID : This is caused by a missing merchantid value.

INVALID MERCHANT ID : This is caused by providing a merchantid value that doesn't exist in our user database. We only allow the use of approved merchant id's.

ACCOUNT NOT ACTIVE : Your account is not currently active on our system, contact support@ukfast.net with your account username and merchant id.

MISSING AMOUNT : This is caused by a missing amount value.

INVALID AMOUNT : This is caused by providing an amount value that contains illegal characters.

MISSING CARD NUMBER : This is caused by a missing cardnumber value.

INVALID CARD NUMBER : This is caused by providing a cardnumber value that contains illegal characters.

INVALID START MONTH : This is caused by specifying a card start date that contains illegal characters.

INVALID START YEAR : This is caused by specifying a card start year that contains illegal characters.

INVALID START DATE : This is caused by specifying a card start date that is invalid.

START DATE IS IN THE FUTURE : This is caused by specifying a card start date that is after the current month in the current year.

INVALID EXPIRY MONTH : This is caused by specifying a card expiry month that contains illegal characters.

INVALID EXPIRY YEAR : This is caused by specifying a card expiry year that contains illegal characters.

INVALID EXPIRY DATE : This is caused by specifying an expiry date that is invalid.

EXPIRY DATE IS IN THE PAST : This is caused by specifying a card expiry date that has already expired.

INVALID ISSUE NUMBER : This is caused by specifying an issue number that contains illegal characters.

INVALID RETURN OK ADDRESS : This is caused by specifying a return ok url that doesn't start with http://

INVALID RETURN NOT OK ADDRESS : This is caused by specifying a return not ok url that doesn't start with http://

DUPLICATE TRANSACTION : This is caused when two payments that are identical are put through the system one after the other, please wait a few minutes before trying again.

PAYMENT TAKEN BUT THERE WAS A PROBLEM RECORDING THE TRANSACTION, CONTACT SUPPORT WITH REFERENCE; *authcode,crossreference*: This is usually down to a database connection problem, contact support@ukfast.net with the authcode and the crossreference number.

ACCEPTANCE RESPONSE MESSAGES

When a payment is successful the response returned will be in the form of:

SUCCESS:*authcode;crossreference*

authcode : This is the authorization code issued by the issuing or acquiring bank.
crossreference : This is a unique number supplied by the gateway to identify this transaction.