

PM Query

Table of contents

1. Introduction

2. Implementation

2.1 Input Parameters

2.2 Output Parameters

3. Error Messages

1. Introduction

PM Query is a feature that allows a merchant to retrieve the payment conditions for a specific Payment Method (e.g. expenses, rate, amounts and dates of upcoming payments, etc.) prior to the payment, in order to show this information to the customer before he confirms his order.

This guide is a supplement and should be read alongside [e-Commerce](#).

2. Implementation

The information is gathered via an https request to the following page, using a form containing input parameters: <https://ogone.test.v-psp.com/ncol/test/queryPM.asp>

Note: Replace 'test' by 'prod' when you want to switch from test to our production environment.

2.1 Input Parameters

Name	Mandatory	Description
USERID	Y	User ID used to perform the query.
REFID	N	Only if PSPID is part of a group
REFKIND	N	If using REFID, specify the type: PSPID, MGID, (none)
PSWD	Y	User or PSPID Password
PSPID	Y	Unique identifier on our system
ORDERID	Y	Merchant's unique order reference
AMOUNT	Y	Amount of the transaction x100
CURRENCY	Y	ISO 3-letter code (EUR, USD, CHF, etc.)
LANGUAGE	Y	2-digit language code (fr, en, etc.)
PM	Y	Payment method ('3XCB')
OPERATION	Y	"VEN" or "RES" according to PM configuration
CIVILITY	Y	Civility of the buyer (Mr, Mme, etc.)
ECOM_BILLTO_POSTAL_NAME_FIRST	Y	Customer's first name
ECOM_BILLTO_POSTAL_NAME_LAST	Y	Customer's last name
SHASIGN	Y	SHA Signature (see next chapter)
WITHROOT	N	defines whether the XML response should be encapsulated in one global root element

More information about these fields can be found in your account. Just log in and go to: "Support > Integration & user manuals > Technical guides > Parameter Cookbook".

In order to verify the integrity of the submitted data, our system requires each request to include a SHA signature. This signature is built by hashing the contents of the request, in the 'parameter=value' format in alphabetical order.

For more information on SHA, go to [e-Commerce](#).

2.2 Output Parameters

The following information is included with each Query PM Response:

Field	Description
NCERROR	Error code (0 if all OK)
NCERRORPLUS	Detailed error code (0 if all OK)
ORDERID	Merchant order reference
AMOUNT	Amount of the transaction
CURRENCY	Currency
OPERATION	Operation (VEN or RES)
PM	Payment Method
AMOUNT1	First amount to be paid
AMOUNT2	Second amount to be paid
AMOUNT3	Third amount to be paid
EXECUTIONDATE1	Date of the first payment
EXECUTIONDATE2	Date of the second payment
EXECUTIONDATE3	Date of the third payment
APR	Annual Percentage Rate. Also known as TAEG (Taux Annuel Effectif Global)
COST	Additional cost for the transaction
CONTRACT	base64 encoded contract text (in html format)
VERSION	Version of the terms and conditions

More information about these fields can be found in your account. Just log in and go to: "Support > Integration & user manuals > Technical guides > Parameter Cookbook".

Example:

```
<?xml version="1.0" ?>
<ncresponse
NCERROR="0"
NCERRORPLUS=""
orderID="GHJ21233"
AMOUNT="90"
CURRENCY="EUR"
OPERATION="VEN"
PM="3XCB"
AMOUNT1="31.08"
AMOUNT2="30.00"
```

PM Query

```
AMOUNT3="30.00"  
EXECUTIONDATE1="12/08/2011"  
EXECUTIONDATE2="14/08/2011"  
EXECUTIONDATE3="16/08/2011"  
APR="813.56"  
COST="1.08"  
VERSION="V0001"  
CONTRACT="..."  
</>
```

Notes:

- Contrary to the input parameters, the amounts in the response have a decimal separator
- Date formats are dd/MM/yyyy

We strongly advise you to verify the data by performing a SHA-OUT check on the returned data.

In order to verify the integrity of the submitted data, our system requires each request to include a SHA signature. This signature is built by hashing the contents of the request, in the 'parameter=value' format in alphabetical order.

For more information on SHA-OUT, go to [e-Commerce](#).

3. Error Messages

The following error codes may be returned by the QueryPM page:

NCERROR = 50001111
User/Password mismatch

NCERROR = 50001111
SHA Signature error

CHECK PSPID EXIST AND ACTIVE
NCERROR= 50001111
CHECK PM 3XCB CONFIGURED AND ACTIVE
NCERROR = 50001111

CHECK AMOUNT, CURRENCY AND OPERATION MATCH 3XCB CONFIGURATION
NCERROR = 50001111