

# GET AVAILABLE PAYMENT SOLUTIONS

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## Document Purpose

The purpose of this document is to describe the GET AVAILABLE PAYMENT SOLUTIONS API Operation to enable merchant developers to integrate their webpages with the IPG Gateway. Refer to the *IPG Gateway – 0 – Overview* document for how this API Operation is used in the merchant processes.

The GET AVAILABLE PAYMENT SOLUTIONS API Operation allows the merchant to check the payment solutions that are available to them, for a given country, currency and brand.

# 1 Session Token API Operation

## 1.1 Session Token Request

### 1.1.1 Format

POST Request to Session Token Request URL (see Section 3 of the *IPG Gateway – 0 – Overview* document)

### 1.1.2 Definition

Parameter	Data Type	Mandatory	Description
merchantId	Integer (18)	Y	The identifier for the merchant in the IPG Gateway provided at on-boarding
password	String (64)	Y	The merchant's password to the IPG Gateway provided at on-boarding
action	String (enum)	Y	Must be "GET_AVAILABLE_PAYSOLS"
timestamp	Integer (18)	Y	Milliseconds since 1970-01-01 00:00:00
allowOriginUrl	String (253)	Y	The merchant's URL that will make the Get Available Payment Solutions Request (section 2.1) Cross-Origin Resource Sharing (CORS) headers will allow only this origin.
currency	String (enum)	Y	The ISO alpha-3 code, as defined in the <a href="#">ISO 4217 standard</a> , for the currency in which a Payment Solution is available
country	String (enum)	Y	The ISO alpha-2 code, as defined in the <a href="#">ISO 3166 standard</a> , for the currency in which a Payment Solution is available
brandId	Integer (18)	N	The Brand Id supplied by the IPG Gateway when the merchant account was set up for which a Payment Solution is available

### 1.1.3 Example

merchantId=1111111&password=klw74U6yt40mNo&allowOriginUrl=www.merchantsite.com&action=GET\_AVAILABLE\_PAYSOLS&timestamp=1249751864238&currency=EUR&country=IE&brandId=1234567

## 1.2 Session Token Response - Processed

### 1.2.1 Format

JSON

### 1.2.2 Definition

Parameter	Data Type	Description
result	String (40)	Will always be "success"
merchantId	Integer (18)	The <i>merchantId</i> received in the Session Token Request (section 1.1)
token	String (40)	The Session Token that is a one-time use, hexadecimal string The Session Token that must only be used for the Get Available Payment Solutions Request (see Section 2.1) Session tokens are valid for 3600 second (1 hour) after which they expire Any requests with expired session tokens will be rejected
resultId	String (40)	Hexadecimal string that is to be used in any support request calls
processingTime	Integer (6)	The time in seconds for the process to complete
additionalDetails	Array	Not used – will always be "{}" or not included

### 1.2.3 Example

```
{
  "result": "success",
  "merchantId": "1111111",
  "token": "fghij67890fghij67890",
  "resultId": "fghij67890fghij67890",
  "processingTime": 546
}
```

## 1.3 Session Token Response – Not Processed

### 1.3.1 Format

JSON

### 1.3.2 Definition

Parameter	Data Type	Description
result	String (40)	Will always be “failure”
errors	String Array	List of issues
resultId	String (40)	Hexadecimal string that is to be used in any support request calls
processingTime	Integer (6)	The time in seconds for the process to complete
additionalDetails	Array	Not used – will always be “{}” or not included

### 1.3.3 Example

```
{
  "result": "failure",
  "resultId": "99392fc1-bcd9-4fb0-8838-7dc37256cb51",
  "additionalDetails": {},
  "errors": [
    { "messageCode": "This field is required in [REQUEST]", "fieldName": "password" }
  ],
  "processingTime": 395
}
```

## 2 GET AVAILABLE PAYMENT SOLUTIONS API Operation

### 2.1 Get Available Payment Solutions Request

#### 2.1.1 Format

POST Request to Action Request URL (see Section 3 of the *IPG Gateway – 0 – Overview* document)

#### 2.1.2 Definition

Parameter	Data Type	Mandatory	Description
merchantId	Integer (18)	Y	The identifier for the merchant in the IPG Gateway provided at on-boarding This must be the same as that sent in the Session Token Request (section 1.1)
token	String (40)	Y	Session Token received in the Session Token Response - Processed (section 1.2)

#### 2.1.3 Example

merchantId=1111111&token=fghij67890fghij67890

### 2.2 Get Available Payment Solutions Response – Processed

#### 2.2.1 Format

JSON

#### 2.2.2 Definition

Parameter	Data Type	Description
result	String (enum)	Will always be “success”
merchantId	Integer (18)	The <i>merchantId</i> received in the Session Token Request (section 1.1)
data	String Array	List of payment solutions available
ID	Integer (18)	The unique identifier for the Payment Solution in the IPG Gateway
NAME	String (150)	The name of the Payment Solution in the IPG Gateway
resultId	String	Hexadecimal string that is to be used in any support request calls
processingTime	Integer (6)	The time in seconds for the process to complete
additionalDetails	Array	Not used – will always be “{}” or not included

#### 2.2.3 Example

```
{
  "result": "success",
  "merchantId": "1111111",
  "data": [
    {"NAME": "CreditDebitCards", "ID": "500"},
    {"NAME": "Neteller", "ID": "100"}
  ],
  "additionalDetails": {},
  "resultId": "e79e9506-a38a-403e-b435-be0c91b436db",
  "processingTime": 236
}
```

## 2.3 Get Available Payment Solutions Response – Not Processed

### 2.3.1 Format

JSON

### 2.3.2 Definition

Parameter	Data Type	Description
result	String (enum)	Will always be “failure”
errors	String Array	List of errors
resultId	String (40)	Hexadecimal string that is to be used in any support request calls
processingTime	Integer (6)	The time in seconds for the process to complete
additionalDetails	Array	Not used – will always be “{}” or not included

### 2.3.3 Example

```
{
  "result": "failure",
  "resultId": "99392fc1-bcd9-4fb0-8838-7dc37256cb51",
  "additionalDetails": {},
  "errors": [
    { "messageCode": "This field is required in [REQUEST]", "fieldName": "token" }
  ],
  "processingTime": 412
}
```