IPG Gateway

TRANSACTION RESULT CALL v 3.0 May 1, 2019

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Document Purpose

The purpose of this document is to describe the TRANSACTION RESULT CALL 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.

A Transaction Result Call is a secure, server-to-server transmission between the IPG Gateway and the merchant's server. When an API operation is completed (successfully or not), a Transaction Result Call is sent to inform the merchant about the result and the status of the transaction.

The Transaction Result Call is sent to the URL that is provided in *merchantNotificationUrl* in the Session Token Request of the Authorise or Purchase API Operation (see *IPG Gateway – 2 – AUTH-PURCHASE-VERIFY – Direct API* or *IPG Gateway – 2 – AUTH-PURCHASE-VERIFY – Hosted Payment Page* document, as appropriate to the integration method). Transaction Result Calls in response to subsequent Void, Capture or Refund API Operations will use this same *merchantNotificationUrl* value, that is saved against the original transaction in the IPG Gateway.

If the *merchantNotificationUrl* is not provided in the original transaction, no Transaction Result Call is sent.

1   Transaction Result Call

The Transaction Result Call is sent as a POST server to server call in addition to the Action Response, which is sent to the merchant's client webpage that the customer sees.

The Transaction Result Call is sent to the *merchantNotificationUrl* provided in the Session Token or Action Request.

Transaction Result Calls provide additional information to the Action Response that can be used by the merchant for further reconciliation and information about the transaction.

Parameter	Data Type	Description
merchantId	Integer (18)	The *merchantId* value received in the Session Token Request of the API Operation
action	String (enum)	The *action* received in the Session Token Request of the API Operation
merchantTxId	String (50)	The merchant's reference for the transaction provided in the *merchantTxId* parameter in the API Operation If the *merchantTxId* parameter was empty or omitted, a value will have been generated by the IPG Gateway as a hexadecimal string
txId	Integer (18)	The unique identifier for the transaction in the IPG Gateway **Note**: Only returned for a REFUND action
acquirerTxId	String (50)	The transaction identifier in acquirer system, if acquirer returns it
originalTxId	Integer (18)	The IPG Gateway identifier of the original transaction
amount	BigDecimal (15.3)	The total transaction amount, including tax, shipping, surcharge and discount amounts
currency	String (enum)	The ISO alpha-3 code for the currency of the transaction, as defined in the [ISO 4217 standard](#)
customerId	String (20)	The merchant's reference for the customer of the transaction provided in the *customerId* parameter in the API Operation If the *customerId* parameter was empty or omitted in the Session Token or Action Request, a value will have been generated by the IPG Gateway
pan	String (100)	Customer payment account number (for non-card payments) or IPG Gateway payment card token number used in the transaction
brandId	Integer (18)	The Brand Id used in the transaction, which was supplied by the IPG Gateway when the merchant account was set up in the IPG Gateway
paymentSolutionId	Integer (18)	The IPG Gateway Payment Solution Identifier used in the transaction. The payment solutions that are available to the merchant can be found using the API Operation detailed in the *IPG Gateway - 8 - GET AVAILABLE PAYMENT SOLUTIONS* document.
status	String (enum)	The transaction status in the IPG Gateway after the API Operation is completed
acquirer	String (100)	For payment cards the acquirer name For non-card payments the payment solution name
acquirerAmount	BigDecimal (15.3)	Amount processed by payment acquirer May be different to *amount* in the original transaction, especially if the acquirer processed the transaction in a different currency
acquirerCurrency	String (enum)	The ISO alpha-3 currency code, as defined in the [ISO 4217 standard](#), of the currency processed by the payment acquirer, which maybe different to the currency in the original transaction, e.g. if a currency conversion was applied
country	String (enum)	The ISO alpha-2 code country in which the transaction took place, as defined in the [ISO 3166 standard](#)

Parameter	Data Type	Description
freeText	String (200)	Merchant's free text that was supplied in the *freeText* field in the original Session Token or Action Request

paymentSolutionDetails	JSON block	For payment cards only: the Transaction Authorisation Code received from the acquirer, format:
		
		{
		    "authCode":"",
		    "expiryDate":"",
		    "cardType":"",
		    "maskedPan":"",
		    "nameOnCard":""
		}
		
		Note: the *maskedPan* value format is "999999******9999"

errors	String (400)	Only applies to ERROR transactions It is a brief description of the cause of the error

result	String (enum)	Determines processing result. Possible values:
		    Success
		    Failure
		    Redirection
		    Unknown

resultId	String (36)	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	Optional data associated with the transactions. Currently: ageCheck description