

UniversalPay Gateway

TRANSACTION RESULT CALL v 5.0

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Document Purpose

The purpose of this document is to describe the TRANSACTIONRESULTCALL API Operation with the Signature XML added which adds extra security to it. This will enable merchant developers to integrate their webpages with the **Error! Unknown document property name.** Refer to the *UniversalPay 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 **Error! Unknown document property name.** 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.

An optional XML key (SIGNATURE_KEY) is available for merchants to verify the authenticity of the transaction result message. This is set up during or after Merchant Onboarding. For further details please contact your eCommerce Support Team.

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 *UniversalPay Gateway – 2 – AUTH-PURCHASE-VERIFY – Direct API* or *UniversalPay 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 **Error! Unknown document property name.**

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 <i>merchantId</i> value received in the Session Token Request of the API Operation
action	String (enum)	The <i>action</i> received in the Session Token Request of the API Operation
merchantTxId	String (50)	The merchant's reference for the transaction provided in the <i>merchantTxId</i> parameter in the API Operation If the <i>merchantTxId</i> parameter was empty or omitted, a value will have been generated by the Error! Unknown document property name. as a hexadecimal string
merchantFreeText	String (200)	The free text field contents sent in the in the Session Token Request of the Auth/Purchase/Verify API Operation for the merchant's comments about the transaction
txId	Integer (18)	The unique identifier for the transaction in the Error! Unknown document property name. Note: Only returned for a REFUND action
acquirerTxId	String (50)	The transaction identifier in acquirer system, if acquirer returns it
originalTxId	Integer (18)	The Error! Unknown document property name. 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 <i>customerId</i> parameter in the API Operation If the <i>customerId</i> parameter was empty or omitted in the Session Token or Action Request, a value will have been generated by the Error! Unknown document property name.
pan	String (100)	Customer payment account number (for non-card payments) or Error! Unknown document property name. payment card token number used in the transaction
brandId	Integer (18)	The Brand Id used in the transaction, which was supplied by the Error! Unknown document property name. when the merchant account was set up in the Error! Unknown document property name.
paymentSolutionId	Integer (18)	The Error! Unknown document property name. Payment Solution Identifier used in the transaction. The payment solutions that are available to the merchant

Parameter	Data Type	Description
		can be found using the API Operation detailed in the <i>UniversalPay Gateway - 8 - GET AVAILABLE PAYMENT SOLUTIONS</i> document
status	String (enum)	The transaction status in the Error! Unknown document property name. 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 <i>amount</i> 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
freeText	String (200)	Merchant's free text that was supplied in the <i>freeText</i> 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: <pre>{ "authCode": "", "expiryDate": "", "cardType": "", "maskedPan": "", "nameOnCard": "", "avsPostCode": "", "addrResultCode": "" }</pre> Note: the <i>maskedPan</i> value format is "999999*****9999"
signedXml	JSON block	This is an optional field: The Signature key is an XML Digital Signature from apache-xmlsec. If used, it is needed on both Merchant and UniversalPay side, UniversalPay will save it into a table, while merchants will have a copy on their side. For further details please contact your eCommerce Support Team. XML Digital Signature
rpId	Integer (18)	The identifier for the Error! Unknown document property name. Managed Recurring Payment Plan that was requested in the Auth/Purchase/Verify Session Token Request in the 'rp' prefixed parameters If no Plan was requested this field will be empty If there was an error setting up the Plan the errors will be detailed in the <i>errors</i> field

Parameter	Data Type	Description
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
customParameter1Or ... customParameter20Or	String (50)	The original 20x (50 character) free text fields provided by the merchant in the Session Token Request of the Auth/Purchase/Verify API Operation
customParameter1 ... customParameter20	String (50)	The 20x (50 character) free text fields provided by the merchant in the Session Token Request of the Auth/Purchase/Verify API Operation with the non-Basic Latin characters replaced by a space character. These values will have been sent for payment processing.