



Technical Reference EVO Gateway

Transaction Result Call

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Changes in contrast to the previous document version

Chapter no.	Key word	Content of change	Author (initials)	Date
All		New document	CE	06/28/2021

About this document

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 EVO Gateway. Refer to the **Technical Reference EVO Gateway – API Operations Overview** for how this API Operation is used in the merchant processes.

A Transaction Result Call is a secure, server-to-server transmission between the EVO 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 Authorize or Purchase API Operation (see **Technical Reference EVO Gateway – Auth / Purchase / Verify (Direct API Integration)** or **Technical Reference EVO Gateway – Auth / Purchase / Verify (Hosted Payment Page Integration)**, 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 EVO Gateway.

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

Explanation of role-related terms

Three main roles exist in the complex scenario of payment processing. Depending on the perspective and situation at hand, two of these can act as customers, or two of them as service providers. To enable a clear distinction, systematic use will be made of the following terms:

Merchant or Client

Uses, in its capacity as merchant or services provider, the products of EVO Payments to settle payments for the goods or services it offers. Is the contract partner and thus the direct “customer” of EVO Payments.

Customer or end customer

Customers who purchase goods from the merchant or services from the service provider; are contractual partners of the merchant / service partner and not of EVO Payments.

EVO Payments

EVO Payments provides services connected with payment processing and acts as the link between the parties, especially the merchant / service provider and other establishments such as card organizations and other institutions involved in the processing of payments.

Terms in the EVO Payments XML language

All terms belonging to the EVO Payments XML language are displayed in “Consolas” font in this document (e. g. **additionalDetails**). If such XML terms are separated by line breaks, they do not have a hyphen, as this might lead to misunderstandings in the spelling of the programming terms. Thus, if an XML term is separated by a line break in this document, the line break must be ignored when programming.

Example:

Text in this document text in this document text in this document text in this document text in **additional Details** document text in this document text in this Dokument Text in ...

Text when programming: **additionalDetails**

Note bulleting conventions

Two forms of note bulleting are used in this document:

- > Notes providing useful (but not absolutely vital) information:

➡ Please note ...

- > Notes that must be observed under all circumstances to avoid the risk of functional problems:

! It is imperative that ...

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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	Field length	Comment
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 EVO Gateway 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 EVO 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 EVO 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 EVO Gateway.
pan	String	100	Customer payment account number (for non-card payments) or EVO Gateway payment card token number used in the transaction
brandId	Integer	18	The Brand ID used in the transaction, which was supplied by the EVO Gateway when the merchant account was set up in the EVO Gateway

Parameter	Data Type	Field length	Comment
paymentSolutionId	Integer	18	The EVO 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 Technical Reference EVO Gateway – Get Available Payment Solutions .
status	String	(enum)	The transaction status in the EVO 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 may be 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 freeText field in the original Session Token or Action Request
paymentSolutionDetails	JSON block		For payment cards only: the Transaction Authorization Code received from the acquirer, format: <pre>{ "authCode": "", "expiryDate": "", "cardType": "", "maskedPan": "", "nameOnCard": "" , "avsPostCode": "", "addrResultCode": "" }</pre> Note: the maskedPan value format is 999999*****9999
rpId	Integer	18	The identifier for the EVO Gateway 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 errors field.
errors	String	400	Only applies to ERROR transactions It is a brief description of the cause of the error.

Parameter	Data Type	Field length	Comment
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
customParameter10r ... customParameter200r	String	50	The original 20 x (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 20 x (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.