

## Wirecard CEE Integration Documentation



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# Response Parameters

## General information

This page describes the response parameters returned from the Wirecard Checkout Server to your online shop.

Take the following information into consideration during integration into your online shop:

- Use the same **upper- and lowercase** writing of the parameter names and values as described.
- **Check** all responses of the Wirecard Checkout Server by using the **fingerprint** method as described in the sections describing the handling of the response parameters.
- Some payment methods return **additional response parameters** or may have other particular requirements regarding response parameters. Therefore the number of response parameters is **not fixed**. Have a look at the Payment method specific documentation for more information about the use of these additional response parameters and particular parameters.

The number of response parameters is not fixed, but depends on the payment method.

## State parameters

Parameter	Data type	Short description
paymentState	Enumeration	Result of payment process: "SUCCESS", "CANCEL", "FAILURE" or "PENDING".

## For successful or pending payments

Parameter	Data type	Short description
financialInstitution	Enumeration	Based on pre-selected payment method a sub-selection of financial institutions regarding to pre-selected payment method.
language	Alphabetic with a fixed length of 2.	Language used for displayed texts on payment page.
orderNumber	Numeric value with a variable length of up to 9 digits.	Unique number identifying the payment.
paymentType	Enumeration	Selected payment method of your consumer.
responseFingerprint	Alphanumeric with a fixed length of 128.	Returned fingerprint of the parameter values as given in the requestFingerprintOrder.

responseFingerprintOrder	Alphanumeric with special characters.	Ordered list of parameters used for calculating the fingerprint.
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## Additionally for successful payments

Parameter	Data type	Short description
amount	Amount	Amount of payment.
currency	Alphabetic with a fixed length of 3.	Currency code of amount.
gatewayContractNumber	Alphanumeric with special characters with a variable length of up to 255 characters.	Contract number of the processor or acquirer.
gatewayReferenceNumber	Alphanumeric with special characters with a variable length of up to 255 characters.	Technical reference number of the processor.
providerReferenceNumber	Alphanumeric with special characters with a variable length of up to 255 characters.	Technical reference number of the financial service provider or acquirer. <sup>1)</sup> Please contact our support teams to enable this feature.

## For failed payments

### Wirecard Checkout Page

Parameter	Data type	Short description
message	Alphanumeric with special characters.	Error text describing the failure.

### Wirecard Checkout Seamless

Parameter	Data type	Short description
errors	Numeric	Number of errors occurred.
error.{n}.errorCode	Numeric with a fixed length of 5.	Numeric error code which you should log for later use.
error.{n}.message	Alphanumeric with special characters.	Error message in English.
error.{n}.consumerMessage	Alphanumeric with special characters.	Error message in localized language for your consumer.
error.{n}.paySysMessage	Alphanumeric with special characters.	Payment method system specific error message only relevant for merchant.

## Payment method specific parameters

For some payment methods you will get specific response parameters which are only sent if those

payment methods are enabled for your online shop and used by your consumers. Please have a look at the payment specific documentation regarding these parameters and their meaning at Integration of specific payment methods.

## Feature-specific parameters

These response parameters enhance the result data of the payment process regarding specific features and functions and are enabled by Wirecard on your behalf.

To enable one or more of these response parameters contact our support teams.

Parameter	State	Data type	Short description
liabilityShiftIndicator	Success	Alphabetic with a fixed length of 1 and possible value of "Y" or "N".	Only available and returns "Y" if it indicates liability shift, otherwise this parameter is not returned or returns "N". Please be aware that exception exists for corporate cards and interregional transactions.
instrumentCountry	Success	Alphabetic with a fixed length of 2.	Country of the consumer which has been detected and returned by the financial service provider. Please be aware that this feature is not provided by all financial service providers.

The parameter `instrumentCountry` is also returned via the transaction-based operation (back-end operation) `getOrderDetails` both for Wirecard Checkout Page and Wirecard Checkout Seamless.

## Wirecard Fraud Prevention Suite (FPS) parameters

If you have enabled the Wirecard Fraud Prevention Suite (FPS) on your behalf, you can use the following return parameter.

Please be aware that these parameters are only returned via `confirmUrl` and `confirmMail`. For security reasons these parameters are not returned to any other URL!

Parameter	State	Data type	Short description
riskIntercept	Pending, failure and success.	Numeric with a variable length of up to 5 digits.	Result of FPS check: 0 .. accept; 1 .. manual review; 2 .. reject.
riskReasonCode	Pending, failure and success.	Numeric with a variable length of up to 5 digits.	Code of rejection reason.
riskReasonMessage	Pending, failure and success.	Alphanumeric with a variable length of up to 1024 characters.	Message containing additional details for the rejection reason code.
riskReturnCode	Pending, failure and success.	Numeric with a variable length of up to 5 digits.	Return code of the fraud verification.
riskReturnMessage	Pending, failure and success.	Alphanumeric with a variable length of up to 1024 characters.	Return message of the fraud prevention.

An example of the returned parameters can be:

```

riskIntercept=2
riskReasonCode=60
riskReasonMessage=IP/BIN check failed.
riskReturnCode=507
riskReturnMessage=General Risk Rejection.
    
```

Please be aware that you can use the FPS only for the following payment types: CCARD and CCARD-MOTO.

## Custom parameters

All your custom parameters are returned independently of the payment result.

## Detailed description of parameters

### financialInstitution

Value of parameter paymentType	Possible value(s) of parameter financialInstitution	Description
BANCONTACT_MISTERCASH	Bancontact/Mister Cash	Bancontact/Mister Cash
CCARD / CCARD-MOTO / MASTERPASS	MC	Mastercard
	MC	Mastercard SecureCode
	MAESTRO	Maestro SecureCode
	Visa	Visa
	Visa	Verified by Visa
	Amex	American Express
	Amex	American Express SafeKey
	Diners	Diners Club
	Discover	Discover
	JCB	JCB
	J/Secure	J/Secure™
CCARD / CCARD-MOTO	UATP	Universal Airline Travel Plan
EPAY_BG	ePay.bg	ePay.bg

EPS	ARZ AAB	Austrian Anadi Bank AG
	ARZ BAF	Österreichische Ärzte- und Apothekerbank
	ARZ MB	Marchfelder Bank
	BA-CA	Bank Austria
	ARZ BCS	Bankhaus Carl Spängler & Co. AG
	ARZ BSS	Bankhaus Schelhammer & Schattera AG
	Bawag BG	BAWAG P.S.K. AG
	ARZ BKS	BKS Bank AG
	ARZ BKB	Brüll Kallmus Bank AG
	ARZ BTV	BTV VIER LÄNDER BANK
	ARZ CBGG	Capital Bank Grawe Gruppe AG
	ARZ DB	Dolomitenbank
	Bawag EB	Easybank AG
	Spardat EBS	Erste Bank und Sparkassen
	ARZ HAA	Hypo Alpe-Adria-Bank International AG
	ARZ VLH	Hypo Vorarlberg Bank AG
	ARZ NLH	HYPO NOE LB für Niederösterreich u. Wien
	Hypo-Racon O	Hypo Oberösterreich
	Hypo-Racon S	Hypo Salzburg
	Hypo-Racon St	Hypo Steiermark
	ARZ HTB	Hypo Tirol Bank AG
	BB-Racon	Bank Burgenland
	ARZ OB	Oberbank AG
	Racon	Raiffeisen Bankengruppe Österreich
	ARZ SB	Schoellerbank AG
	Bawag SBW	Sparda Bank Wien
	ARZ VB	Volksbank Gruppe
	ARZ VKB	Volkskreditbank AG
	ARZ VRB	VR-Bank Braunau
	GIROPAY	GIROPAY
IDL	ABNAMROBANK	ABN AMRO Bank
	ASNBANK	ASN Bank
	BUNQ	Bunq Bank
	INGBANK	ING
	KNAB	Knab
	RABOBANK	Rabobank
	SNSBANK	SNS Bank
	REGIOBANK	Regio Bank
	TRIODOSBANK	Triodos Bank
VANLANSCHOT	Van Lanschot Bankiers	

INVOICE	payolution	payolution
	RatePAY	RatePAY
	Wirecard	Wirecard
INSTALLMENT	payolution	payolution
	RatePAY	RatePAY
MONETA	moneta.ru	moneta.ru
PAYPAL	PAYPAL	PayPal
PBX	PBX	Mobile Phone Invoice
POLI	POLi	POLi
PRZELEWY24	Przelewy24	Przelewy24
SEPA-DD	SEPA-DD	SEPA Direct Debit
SKRILLWALLET	Skrill Digital Wallet	Skrill Digital Wallet
SOFORTUEBERWEISUNG	SOFORTUEBERWEISUNG	Sofort.
TATRAPAY	TatraPay	TatraPay
TRUSTLY	TRUSTLY	Trustly
TRUSTPAY	Bank ID of used bank	TrustPay

## instrumentCountry

From January 1, 2015 a new rule applies on the sale of digital goods (exclusively digital goods) to consumers in EU countries. According to this rule the merchant is responsible for accounting for VAT to the respective authority of the consumer's EU member state. Since in the case of digital goods the information on the consumer's country cannot be derived from the delivery address, information on the consumer's country is taken from the data returned to Wirecard by the respective financial service provider. E.g. in the case of credit cards, the country of the credit card issuer is returned and used to determine the consumer's country.

Currently, this parameter may be used for the following payment methods: Credit Card, iDEAL, PayPal and Sofort.

<sup>1)</sup> For some systems and payment methods the technical reference number is only available within the gatewayReferenceNumber.