COLLECTING SOLUTION

DATA DICTIONARY

Contents

1. DATA DICTIONARY

The data dictionary lists all the fields that can be used in a payment form.

First, is presents the main categories (such as technical information, order details, etc.). All the fields that belong to a category are presented.

These tables are presented as follows:

- **Field name**: indicates the name of the parameter as it appears in the HTTP request

- **Format**: data format

- **Description**: description of the field

- **Input**: a field to be transmitted in the request

- **Output**: a field transmitted in the response

The data dictionary also presents the details for each field. Each field is presented as follows:

- **Description**: description of the field

- **Format**: data format (see the table **List of fields and formats** below)

- **Possible values**: expected values when the field must be populated with specific values

- **Example**: example of correct data encoding

- **Error code**: in case there is a error between the merchant website and the payment gateway, the payment gateway indicates the incorrect parameter in the **vads_extra_result** field using a numeric code

- **Note**: additional information, elaboration

- **Category**: category to which the field belongs

Precisions on **error codes:**

An **error code** corresponds to the error number when an incorrect payment form is being submitted.

- In test mode this code will be displayed on the payment page.

- In production mode a warning e-mail will be sent specifying the error code and the name of the incorrect parameter.

Example: Error 09 corresponds to a payment amount error. The submitted amount does not respect the required format.

■ Viewing parameters sorted by category

Go to the desired category to obtain the list of related parameters

- 3DS Authentication

- Recurring payment details

- Buyer details

- Payment method details

- Order details

- Shipping details

- Technical details

- Transaction details

- Payment page customization

- Automatic redirection

■ Technical information

Field name	Format	Description	Input	Output
signature	an40	Signature guaranteeing the integrity of the requests exchanged between the merchant website and the payment gateway.	x	x
vads_action_mode	enum	Acquisition mode for payment method data	x	x
vads_override_payment_cinematic	enum	Payment process to apply. Overrides the recorded value on the MID	x	
vads_contrib	ans..128	Name of the e-commerce solution used on the merchant website and its version number.	x	x
vads_ctx_mode	enum	Mode of interaction with the payment gateway	x	x
vads_extra_result	n2	Risk assessment result (specific to shops that have enabled the feature). Its meaning depends on the value entered in **vads_result**.		x
vads_hash	an64	A unique key returned only to the Instant Payment Notification (IPN).		x
vads_page_action	enum	Defines the action to be performed.	x	x
vads_payment_error	n..3	Error codes for a declined payment.		x
vads_result	n2	Return code of the requested action.		x
vads_site_id	n8	Shop ID	x	x
vads_url_check	ans..1024	URL of the page to notify at the end of payment. Overrides the value entered in the notification rules settings.	x	
vads_url_check_src	enum	This parameter defines the source of the call to the notification URL (also called IPN URL).		x
vads_version	enum	Version of the exchange protocol with the payment gateway	x	x

◼ Order details

Field name	Format	Description	Input	Output
vads_authent_paypal_protection_eligibili	enum	Type of merchant protection used for the transaction.		x
vads_collection_expiry_date	dateTime	Fund collection expiration date used for cash payments.		x
vads_ext_info	ans	Custom fields allowing to add optional fields to the confirmation e-mail sent to the merchant and to the IPN URL.	x	x
vads_ext_info_description	ans..128	Description of the invoice, defined by the merchant during the invoice order creation.		x
vads_ext_info_soft_descriptor	ans	Allows to customize the brand name		x
vads_insurance_amount	n..12	Insurance amount for the entire order.	x	
vads_nb_products	n..12	Number of items in the cart	x	
vads_order_description	ans..65	Order description used for cash payments.	x	x
vads_order_id	ans..64	Order ID	x	x
vads_order_info	ans..255	Additional order info	x	x
vads_order_info2	ans..255	Additional order info	x	x
vads_order_info3	ans..255	Additional order info	x	x
vads_pretax_amount	n..12	Tax-free amount of the entire order		x
vads_product_amountN	n..12	Price of the item incl. VAT. N corresponds to the index of the item (0 for the first one, 1 for the second one, etc.).	x	
vads_product_ext_idN	an..100	Product barcode on the merchant website. N corresponds to the index of the item (0 for the first one, 1 for the second one, etc.).	x	
vads_product_labelN	an..255	Item name. N corresponds to the index of the item (0 for the first one, 1 for the second one, etc.).	x	
vads_product_qtyN	n..12	Item quantity. N corresponds to the index of the item (0 for the first one, 1 for the second one, etc.).	x	
vads_product_refN	an..64	Item reference. N corresponds to the index of the item (0 for the first one, 1 for the second one, etc.).	x	
vads_product_typeN	enum	Item type. N corresponds to the index of the item (0 for the first one, 1 for the second one, etc.).	x	
vads_product_vatN	n..12	Amount or VAT rate applied to the item. N corresponds to the index of the item (0 for the first one, 1 for the second one, etc.).	x	
vads_tax_amount	n..12	Amount of taxes for the entire order	x	
vads_tax_rate	enum	VAT applied to the order	x	x
vads_totalamount_vat	n..12	Total amount of taxes for the entire order	x	x

■ Buyer details

Field name	Format	Description	Input	Output
vads_avs_result	a1	Address verification system (AVS)		x
vads_cust_address	ans..255	Postal address	x	x
vads_cust_address_number	ans..64	Street number	x	x
vads_cust_address2	ans..255	Address line 2	x	x
vads_cust_cell_phone	an..32	Cell phone number	x	x
vads_cust_city	an..128	City	x	x
vads_cust_country	a2	Country code in compliance with the ISO 3166 alpha-2 standard	x	x
vads_cust_district	ans..127	District	x	x
vads_cust_email	ans..150	Buyer's e-mail address	x	x
vads_cust_first_name	ans..63	First name	x	x
vads_cust_id	an..63	Buyer reference on the merchant website	x	x
vads_cust_last_name	ans..63	Last name	x	x
vads_cust_legal_name	ans..100	Buyer's legal name	x	
vads_cust_name	an..127	Use **vads_cust_first_name** and **vads_cust_last_name**.	x	x
vads_cust_national_id	ans..255	National identifier	x	x
vads_cust_phone	an..32	Phone number	x	x
vads_cust_state	ans..127	State / Region	x	x
vads_cust_status	enum	Status	x	x
vads_cust_title	an..63	Buyer's title	x	x
vads_cust_zip	an..64	Zip code	x	x
vads_ext_info_bil_address_complement	ans..250	Address line 2 specified for billing	x	
vads_ext_info_bil_date_of_birth	Datetime	The buyer's date of birth on the receipt	x	
vads_ext_info_bil_gender	n1	The buyer's gender on the receipt	x	
vads_ext_info_fingerprint_id	string	Unique session identifier	x	
vads_pays_ip	a2	Country code of the buyer's IP address code in the ISO 3166 alpha2 format.		x
vads_proof_of_id_number	an..13	Field reserved to the entry of the buyer's ID number on the payment page.	x	
vads_proof_of_id_type	enum	This field corresponds to the type of ID selected by the buyer.	x	
vads_user_info	ans..255	Information about the user who made the payment.		x

▪ Shipping details

Field name	Format	Description	Input	Output
vads_ext_info_deadline	n	Definition of the delivery delay in days (N days)	x	
vads_ext_info_ship_address_complemen	ans..250	Address line 2 specified for the shipping	x	
vads_ext_info_ship_date_of_birth	Datetime	The buyer's date of birth specified for the shipping	x	
vads_ext_info_ship_gender	n1	The buyer's gender specified for the shipping	x	
vads_ship_to_city	an..128	City	x	x
vads_ship_to_country	a2	Country code in compliance with the ISO 3166 standard	x	x
vads_ship_to_delay	enum	Shipping delay, mandatory for priority shipping	x	
vads_ship_to_delivery_company_name	ans..127	Transporter's name	x	
vads_ship_to_district	ans..127	District	x	x
vads_ship_to_first_name	ans..63	First name	x	
vads_ship_to_last_name	ans..63	Last name	x	
vads_ship_to_legal_name	an..100	Legal name	x	
vads_ship_to_name	ans..63	**Deprecated**. Buyer's last name. Use **vads_ship_to_first_name** and **vads_ship_to_last_name**.	x	x
vads_ship_to_phone_num	ans..32	Phone number	x	x
vads_ship_to_speed	enum	Shipping speed	x	
vads_ship_to_state	ans..127	State / Region	x	x
vads_ship_to_status	enum	Allows to specify the type of the shipping address.	x	x
vads_ship_to_street	ans..255	Postal address	x	x
vads_ship_to_street_number	an..5	Street number	x	x
vads_ship_to_street2	ans..255	Address line 2	x	x
vads_ship_to_type	enum	Transport type	x	
vads_ship_to_user_info	ans..255	Buyer details (CPF/CNPJ legal identifier)	x	x
vads_ship_to_zip	an..64	Zip code	x	x
vads_shipping_amount	n..12	Shipping fee amount	x	

■ Payment method details

Field name	Format	Description	Input	Output
vads_acquirer_network	ans..250	Acquirer network code.		x
vads_auth_mode	enum	Mode of the authorization request.		x
vads_auth_number	an..20	Authorization number returned by the bank server.		x
vads_auth_result	an..11	Return code of the authorization request returned by the issuing bank.		x
vads_bank_code	n5	Code associated with the issuing bank.		x
vads_bank_label	ans..255	Name of the issuing bank of the payment card.		x
vads_bank_product	an..3	Product code of the card used for the payment.		x
vads_birth_day	n..2	Date of birth of the cardholder.	x	
vads_birth_month	n..2	Month of birth of the cardholder.	x	
vads_birth_year	n4	Year of birth of the cardholder.	x	
vads_card_brand	an..127	Payment method used, if available (empty otherwise).	x	x
vads_card_country	a2	Country code alpha-2 (ISO 3166) of the card used for the payment.		x
vads_card_holder_name	ans..255	Name of the cardholder.	x	
vads_card_nature	a1	Nature of the card.		x
vads_card_number	n..36	Masked card number.		x
vads_card_product_category	a1	Card product category.		x
vads_expiry_month	n..2	Expiration month of the payment card.		x
vads_expiry_year	n4	Expiration year of the payment card.		x
vads_wallet	an..127	Allows the merchant to identify the type of wallet that was used for the payment.		x

■ Transaction details

Field name	Format	Description	Input	Output
vads_acquirer_payment_reference	ans..250	Payment reference that appears on the payment receipt.		x
vads_acquirer_service_supplier_id	ans..250	Identifier of the entity for which the payment is made.		x
vads_acquirer_transient_data	json	Information specific to the acquirer.	x	
vads_amount	n..12	Transaction amount expressed in the smallest currency unit (cents for euro).	x	x
vads_archival_reference_id	an..25	Reference generated by the payment gateway and transmitted to the acquirer for remittance processing.		x
vads_authent_nsu	ans..255	Unique Sequence Number. Used in Latin America.		x
vads_capture_delay	n..3	Delay in days before capture in the bank.	x	x
vads_change_rate	string	Exchange rate used for calculating the effective payment amount (multi-currency payment).		x
vads_contract_used	ans..250	Merchant ID used for the payment.		x
vads_contracts	map	Merchant ID to be used for the payment.	x	
vads_currency	n3	Code of the currency to use for the payment.	x	x
vads_dcc_amount	n..12	Transaction amount expressed in the smallest unit of the currency chosen by the Buyer if the card is eligible for the Dynamic Currency Conversion (DCC) service.		x
vads_dcc_currency	n3	Numeric code (in accordance with the ISO 4217 standard) of the currency chosen by the Buyer if the card is eligible for the Dynamic Currency Conversion (DCC) service.		x
vads_dcc_markup	Décimal	Sales margin rate applied to the total amount when the card is eligible for the Dynamic Currency Conversion (DCC) service.		x
vads_dcc_rate_date	n14	UTC date and time, in YYYYMMDDHHMMSS format, of obtaining the conversion rate from the Dynamic Currency Conversion service (DCC).		x
vads_effective_amount	n..12	The payment amount presented in the smallest unit of the currency used for the capture in the bank (cents for euro).		x
vads_effective_creation_date	n14	Date of transaction registration in UTC format (GMT+0, 24H) (YYYYMMDDHHMMSS).		x
vads_effective_currency	n3	Currency used for the capture in the bank.		x
vads_ext_trans_id	enum	External transaction reference.		x
vads_first_installment_delay	n..3	Number of deferred months to be used for the first installment of payment in installments.	x	

Field name	Format	Description	Input	Output
vads_initial_issuer_transaction_identifier	ans32	Unique transaction reference generated by the issuer. Called a "chaining reference", it is used in MIT transactions to indicate to the issuer that the transaction is part of a series of payments for which the cardholder authenticated himself in the first payment.		x
vads_occurrence_type	enum	Type of sequence. Allows to identify if the transaction is part of a series of payments (subscription or payment in installments).		x
vads_operation_type	enum	Type of operation: debit, credit (refund), verification.		x
vads_payment_cards	liste d'enum	Type of payment method.	x	
vads_payment_certificate	an40	Field populated by the payment gateway if the authorization has been **successfully** completed.		x
vads_payment_config	enum	Payment type: immediate or installment.	x	x
vads_payment_option_code	an..5	Code of the used payment option.	x	x
vads_payment_seq	json	Split payment sequence.		x
vads_payment_src	enum	Entry mode for payment method data.	x	x
vads_presentation_date	n14	Requested capture date.		x
vads_requestor	enum	In order to modify the value of the "**Aceite**" field for aBoleto Bancario	x	x
vads_sequence_number	n..3	Installment payment sequence number.		x
vads_tax_refund_amount	n..12	Tax credit amount.		x
vads_tid	an..255	Terminal ID. POS identifier defined within the acceptance contract.		x
vads_token_id	an..32	Payment order ID associated with the transaction.		x
vads_trans_date	n14	Date and time in the GMT+0 (UTC) format on a 24-hour clock (YYYYMMDDHHMMSS).	x	x
vads_trans_id	an6	Unique ID of a transaction	x	x
vads_trans_status	enum	Status of the transaction.		x
vads_trans_uuid	ans32	Unique transaction reference generated by the payment gateway.		x
vads_validation_mode	n1	Transaction validation mode.	x	x
vads_use_case	ans50	Allows you to specify that this is a payment upon shipment.	x	x
vads_warranty_result	enum	Liability shift in case of accepted payment.		x

■ Cardholder authentication

Field name	Format	Description	Input	Output
vads_threeds_auth_type	enum	Indicates the authentication type of the cardholder(**CHALLENGE,FRICTIONLESS**o**ONLY**) . Returned only if the buyer has correctly authenticated him/herself (vads_threeds_status is "Y" or "A").		x
vads_threeds_cavv	ans..28	Designates the cardholder's authentication through the ACS. It is populated by the 3DS authentication server (ACS) when the buyer has correctly authenticated him/herself (vads_threeds_status equals "Y" or "A").		x
vads_threeds_cavvAlgorithm	an1	Algorithm used by the ACS to generate the CAVV value. It is populated by the 3DS authentication server (ACS) when the buyer has correctly authenticated him/herself (vads_threeds_status equals "Y" or "A").		x
vads_threeds_eci	an..2	Indicates the E-Commerce index. It is populated by the 3DS authentication server (ACS) when the buyer has correctly authenticated him/herself (vads_threeds_status equals "Y" or "A").		x
vads_threeds_enrolled	a1	Indicates the enrollment status of the cardholder. It is populated by the VISA and MASTERCARD (DS) servers during the 3D Secure authentication process.		x
vads_threeds_error_code	n..2	Deprecated. Use**vads_threeds_exit_status**.		x
vads_threeds_exit_status	n..2	Final status of 3D Secure authentication. Populated by the payment gateway.		x
vads_threeds_mpi	n1	Allows the merchant to indicate their preference when it comes to cardholder authentication. At output, indicates the merchant preference actually transmitted to the issuer.	x	
vads_threeds_sign_valid	n1	Indicates the validity of the message containing the authentication result. Populated by the payment gateway.		x
vads_threeds_status	a1	Defines the cardholder's authentication status. Populated by the 3DS authentication server (ACS) during the 3D Secure authentication.		x
vads_threeds_xid	ans..28	Indicates the unique 3DS authentication reference.		x

Field name	Format	Description	Input	Output
		It is populated by the authentication server (ACS) during the 3D Secure authentication process.		

■ Customizing the payment page

Field name	Format	Description	Input	Output
vads_available_languages	Enum list	Allows to specify the list of languages available on the payment page.	x	x
vads_language	a2	Defines the language of the payment page (ISO 639-1 standard).	x	x
vads_iframe_options	json	Allows you to customize the background color and the font of the input fields in iframe mode.	x	
vads_shop_name	ans..127	Allows to define the shop name as it appears in the summary payment page, the receipt and the confirmation payment e-mail.	x	x
vads_shop_url	ans..1024	Allows to override the shop URL that appears on the payment page and in payment confirmation e-mails.	x	x
vads_theme_config	map	Allows to customize certain elements on the payment page.	x	

◼ Redirection to the merchant website

Field name	Format	Description	Input	Output
vads_redirect_error_message	ans..255	<u>Automatic redirection</u>: Message displayed on the payment page prior to redirection after an accepted/declined payment.	x	
vads_redirect_error_timeout	n..3	<u>Automatic redirection</u>: Delay (in seconds) before automatic redirection to the merchant website after an accepted/declined payment.	x	
vads_redirect_success_message	ans..255	<u>Automatic redirection</u>: Specifies the message that will appear upon automatic redirection to the merchant website at the end of an accepted payment.	x	
vads_redirect_success_timeout	n..3	<u>Automatic redirection</u>: Allows to define a delay in seconds before an automatic redirection to the merchant website at the end of an accepted payment. Its value is between 0 and 300 s.	x	
vads_return_mode	enum	Allows to specify the data transmission mode to the URLs of return to the merchant website.	x	
vads_url_cancel	ans..1024	URL where the buyer will be redirected after clicking on "Cancel and return to shop" before proceeding to payment.	x	
vads_url_check	ans..1024	URL of the page to notify at the end of payment. Overrides the value entered in the notification rules settings.	x	
vads_url_check_src	enum	This parameter defines the triggering event of the instant notification (also called IPN).		x
vads_url_error	ans..1024	URL where the buyer will be redirected in case of an internal processing error.	x	
vads_url_post_wallet	ans..1024	URL using which the merchant will be recalled if a wallet is used during the payment.	x	x
vads_url_refused	ans..1024	URL where the buyer will be redirected in case of a rejected payment.	x	
vads_url_return	ans..1024	Default URL where the buyer will be redirected after clicking on "Return to shop".	x	
vads_url_success	ans..1024	URL where the buyer will be redirected in case of a successful transaction.	x	

▪ Recurring payment details

Field name	Format	Description	Input	Output
vads_identifier	ans..50	Unique ID (token or unique mandate reference) associated with a payment method.	x	x
vads_identifier_previously_registered	bool	Verification of the payment method uniqueness.		x
vads_identifier_status	enum	Mandate registration status.		x
vads_recurrence_number	n..2	Recurrence number of the recurring payment.		x
vads_recurrence_status	enum	Recurrence creation status.		x
vads_sub_amount	n..12	Amount of each installment except the ones that will be eventually defined by the **vads_sub_init_amount_number**	x	x
vads_sub_currency	n3	Numeric code of the currency to be used for the recurring payment in compliance with the ISO 4217.	x	x
vads_sub_desc	ans..255	Rule for recurring payments to apply according to the iCalendar RFC5545 specification.	x	x
vads_sub_effect_date	n8	Subscription start date in the UTC time zone, in YYYYMMDD format.	x	x
vads_sub_init_amount	n..12	Amount of the first installments of the recurring payment.	x	x
vads_sub_init_amount_number	n..3	Number of installments for which the amount should be applied **vads_sub_init_amount**.	x	x
vads_subscription	ans..50	ID of the subscription ID to create.	x	x

■ Risk analysis details

Field name	Format	Description	Input	Output
vads_risk_analysis_result	enum	Result of risk assessment analysis performed by an external system (ClearSale, CyberSource, etc.).		x
vads_risk_assessment_result	enum	Result of advanced risk assessment analysis performed by the payment gateway.		x
vads_risk_control	map	Result of risk assessment.		x

■ Sub-merchant details

Field name	Format	Description	Input	Output
vads_submerchant_adress	ans..255	Address of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_adress2	ans..255	Address line 2 of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_city	an..128	City of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_company_type	ans..60	Company type of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_country	ans..64	Country code of the sub-merchant's address (ISO 3166 alpha-2 standard). Transmitted by the payment facilitator.	x	x
vads_submerchant_facilitatorId	ans..128	Payment Facilitator ID. Transmitted by the payment facilitator.	x	x
vads_submerchant_legal_number	ans..24	Legal Entity Identifier of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_mcc	n4	Merchant Category Code of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_mid	n..64	Merchant ID number of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_name	ans..255	Legal name of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_phone	ans..32	Phone number of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_soft_descriptor	ans..255	Soft descriptor of the sub-merchant that appears on the buyer's bank statement. Transmitted by the payment facilitator.	x	x
vads_submerchant_state	ans..128	Region of the sub-merchant address. Transmitted by the payment facilitator.	x	x
vads_submerchant_url	ans..128	URL of the sub-merchant. Transmitted by the payment facilitator.	x	x
vads_submerchant_zip	ans..64	Zip code of the sub-merchant. Transmitted by the payment facilitator.	x	x

■ signature

Description	Mandatory parameter.
	Allows to verify the integrity of transmitted requests.
	This value is computed:
	• by the merchant website during the payment request,
	• by the payment gateway during the response.
	Input and output field, returned in the response (IPN and Return URL).
Format	an40
Error code	**00 - signature** Appears if the value of this field is incorrect,
	70-empty params if the field is absent or empty.
	Frequent errors:
	• The fields of the form have not been encoded in UTF-8.
	• The MODE (TEST or PRODUCTION) or the key used is incorrect.
	• Line break or carriage return posted in the form.
	• Quotation marks ["] posted in the form.
	• The type of computation algorithm used is not the correct one.
	• The transmitted signature does not respect the rule of signature computation.
Category	Technical details

■ vads_acquirer_network

Description	Acquirer network code.
	Output field, returned in the response (IPN and Return URL).
Format	ans..250

Possible values

Network code	Description
ACCORD_SANDBOX	Oney network (private and gift cards) - sandbox mode
ACCORD	Oney network (private and gift cards)
ALMA	ALMA network
AMEXGLOBAL	American Express network
AURORE	Cetelem Aurore network (Brand cards and universal Aurore card)
CB	CB network
CONECS	Titre-Restaurant Conecs network
DINERS	Diners Club network
EDENRED	Edenred network (Tickets Restaurant, Tickets EcoChèque, Tickets Compliments)
FULLCB	FULL CB Network (Payment in 3 or 4 times without fees by BNPP PF)
GATECONEX	GATECONEX Network
GICC_DINERS	GICC network (Diners Club cards)
GICC_MAESTRO	GICC network (Maestro cards)
GICC_MASTERCARD	GICC network (Mastercard cards)
GICC_VISA	GICC network (Visa cards)
GICC	GICC network

Network code	Description
GOOGLEPAY	Google Pay network
IP	Payment initiation (SEPA Credit Transfer and SEPA Instant Credit Transfer) network
JCB	JCB network
LYRA_COLLECT_PPRO	PPRO network
MULTIBANCO	MULTIBANCO network
ONEY_SANDBOX	Oney Network (Payment in 3 or 4 installments by FacilyPay) - sandbox mode
ONEY	Oney Network (Payment in 3 or 4 installments by FacilyPay)
PAYCONIQ	Payconiq network
PAYPAL	PayPal network
PAYPAL_SB	PayPal network - sandbox mode
POSTFINANCEV2	POSTFINANCE network
SEPA	SEPA network (SDD and SCT)

Category	Payment method details.

■ vads_acquirer_payment_reference

Description	Payment reference that appears on the payment receipt.
	Used in particular for the Multibanco payment method.
	Output field, returned in the response (IPN only).
Format	ans..250
Category	Transaction details.

■ vads_acquirer_service_supplier_id

Description	Identifier of the entity for which the payment is made.
	Used in particular for the Multibanco payment method.
	Output field, returned in the response (IPN only).
Format	ans..250
Category	Transaction details.

■ vads_acquirer_transient_data

Description	Allows to transmit specific information to one or more networks.

> ⚠ An error will be sent upon submission of the form if the specified value does not respect the rules established by the acquirer.

> ℹ For a Conecs transaction, this field allows to transmit the amount eligible for Meal Voucher (Titre-Restaurant) payment.

Input field.

Format	json

Possible values	For a transaction via Conecs meal voucher, the expected JSON format is:

```
vads_acquirer_transient_data={"CONECS":{"eligibleAmount":"1725"}}
```

For a FULLCB transaction, the expected JSON format is:

```
vads_acquirer_transient_data={"FULLCB":{"data":"DE=3#VT=12#MT=A"}}
```

To limit the cards accepted for payment based on the BIN code, the expected format is as follows:

```
{"MULTI":{"bins":["bin1","bin2","bin3"]}}
```

NB: Supports 6-digit BIN codes or 8-digit BIN codes.

Example:

6-digit BIN code: 4012 34XX XXXX XXXX;

8-digit BIN code: 4000 1234 XXXX XXXX.

Error codes	130, 133, 134, 135, 136, 137, 175, 176
Category	Transaction details.

▪ vads_action_mode

Description	Mandatory parameter.
	Acquisition mode for payment method data.
	Input and output field, returned in the response (IPN and Return URL).
Format	enum
Error code	47
Possible values	**INTERACTIVE**: the buyer enters the payment method details on the payment page.
	IFRAME: card detail entry on a simplified and streamlined payment page that the merchant can embed into the web page of their choice.
Category	Technical information.

▪ vads_amount

Description	Transaction amount expressed in the smallest currency unit (cents for euro).
	<u>Example</u>: for a transaction of 10 euros and 28 cents, the value of the parameter is 1028.
	The payment form will be rejected in the following cases:
	• an amount equal to zero [vads_amount=0],
	• a negative amount [vads_amount=-100],
	• an amount with decimals or points |vads_amount=100.50],
	• a form without the vads_amount field (amount absent).
	A message notifying of a technical error will be associated with a **09** return code (**vads_extra_result**).
	Input and output field, returned in the response (IPN and Return URL).
Format	n..12
Error code	09
Category	Transaction details.

▪ vads_archival_reference_id

Description	A reference generated by the payment gateway and sent to the acquirer for remittance processing and transaction reconciliation.
	Provided only for CB, AMEX andPAYPAL payments.
	E.g.: L18500026501
	Output field, returned in the response (IPN only).
Format	an..25
Category	Transaction details.

■ vads_auth_mode

Description	Specifies the mode of the authorization request.
	Output field, returned in the response (IPN and Return URL).
Format	enum
Possible values	**FULL**: corresponds to an authorization for the total transaction amount.
	Value used for immediate payments if the period between the requested capture date and the current date is strictly shorter than the authorization validity period.
	MARK: corresponds to an authorization for EUR 1 (or information request about the CB network if the acquirer supports it).
	Value used for deferred payments if the period between the requested capture date and the current date is strictly greater than the authorization validity period.
Category	Payment method details.

■ vads_auth_number

Description	Authorization number returned by the authorization server, if available (otherwise, empty).
	Output field, returned in the response (IPN and Return URL).
Format	an..20
Category	Payment method details.

■ vads_auth_result

Description Return code of the authorization request returned by the issuing bank, if available.

Output field, returned in the response (IPN and Return URL).

Format an..3

Possible values

Returned codes for **SEPA Credit Transfer**:

Codes	Description
00	The payment is accepted.
80	AC01: The account number is either invalid or does not exist. Incorrect IBAN/BIC, or account currency different from euro.
81	AC04: The account is closed and cannot be used.
82	AC06: The account is blocked and cannot be used.
83	AG01: Transaction forbidden for this type of account. E.g.: savings account.
84	AM18: The number of transactions exceeds the acceptance limit of the Account Servicing Payment Service Provider (ASPSP).
85	CH03: The requested execution date is too far in the future.
86	CUST: The reject is due to the debtor: refusal or insufficient funds.
87	DS02: An authorized user has cancelled the order.
88	FF01: The reject is due to the original payment request which is invalid (syntax, structure or values).
89	FRAD: The payment request is considered as fraudulent.
90	MS03: No reason specified by the Account Servicing Payment Service Provider (ASPSP).
91	NOAS: The PSU has neither accepted nor rejected the payment request and the time-out period has expired.
92	RR01: The account and/or debtor identification is missing or inconsistent.
93	RR03: Specification of the creditor's name and/or address needed for regulatory requirements is incomplete or missing.
94	RR04: Rejection for regulatory reasons.
95	RR12: Invalid or missing identification required for a particular country or payment type.
96	DUPL: Duplicate operation.
97	TECH: Technical error

Codes returned by the **CB** network:

Value	Description	Value	Description
00	Approved or successfully processed transaction	54	Expired card
02	Contact the card issuer	55	Incorrect secret code
03	Invalid acceptor	56	Card absent from the file
04	Keep the card	57	Transaction not allowed for this cardholder
05	Do not honor	58	Transaction not allowed for this cardholder
07	Keep the card, special conditions	59	Suspected fraud
08	Confirm after identification	60	The acceptor of the card must contact the acquirer
12	Incorrect Transaction Code	61	Withdrawal limit exceeded
13	Invalid amount	63	Security rules unfulfilled
14	Invalid cardholder number	65	Exceeded number of withdrawals
15	Unknown issuer	68	Response not received or received too late

Value	Description	Value	Description
17	Canceled by the buyer	75	Number of attempts for entering the secret code has been exceeded
19	Retry later	76	The cardholder is already blocked, the previous record has been saved
20	Incorrect response (error on the domain server)	78	Transaction blocked, first transaction on card not properly unblocked
24	Unsupported file update	80	Contactless payment is not accepted by the issuer
25	Unable to locate the registered elements in the file	81	Unsecured payment is not accepted by the issuer
26	Duplicate registration, the previous record has been replaced	82	CVV, dCVV, iCVV incorrect
27	File update edit error	83	Revocation of all recurring payments for the card
28	Denied access to file	84	R1 - Revocation of recurring payment for the card of a specific Merchant or for the MCC and the card
29	Unable to update	86	6P - Failure of the issuer to verify the data
30	Format error	88	A4 - Misuse of the TRA exemption
31	Unknown acquirer company ID	90	Temporary shutdown
33	Expired card	91	Unable to reach the card issuer
34	Suspected fraud	94	Duplicate transaction
38	Expired card	96	System malfunction
41	Lost card	97	Overall monitoring timeout
43	Stolen card	98	Server not available, new network route requested
46	Customer account closed	99	Initiator domain incident
51	Insufficient balance or exceeded credit limit		

Codes returned by **Amex Global** acquirer:

Code	Description
000	Approved
001	Approved with an ID
002	Partial approval (Prepaid Cards only)
100	Declined
101	Expired card / Invalid expiry date
106	Exceeded PIN entry attempts
107	Please Call Issuer
109	Invalid merchant
110	Incorrect Transaction Amount
111	Invalid account / Invalid MICR (Travelers Cheque)
115	Requested function not supported
117	Invalid PIN
119	Cardholder not enrolled / not allowed
122	Invalid card security code (a.k.a., CID, 4DBC, 4CSC)
125	Invalid effective date
130	Declined
181	Format error
183	Invalid currency code
187	Deny - New card issued
189	Deny - Account canceled
200	Deny - Pick up card
900	Accepted - ATC Synchronization
909	System malfunction (cryptographic error)
912	Issuer not available

Codes returned by **Elavon Europe** acquirer:

Code	Description
0	Approved, success
1	Refer To Card Issuer Client
2	Refer To Card Issuer, Special Condition
3	Invalid Merchant
4	Pick-Up Card
5	Do Not Honour
6	Error
7	Pick-Up Card, Special Condition
8	Honour With Identification
9	Request In Progress
10	Approved, Partial
11	Approved, VIP
12	Invalid Transaction
13	Invalid Amount
14	Invalid Card Number
15	No Such Issuer
16	Approved, Update Track 3
17	Operator Cancelled
18	Customer Dispute
19	Re Enter Transaction

Code	Description
22	Suspected Malfunction
23	Unacceptable Transaction Fee
24	File Update Not Supported
25	Unable To Locate Record
26	Duplicate Record
27	File Update Edit Error
28	File Update File Locked
30	File Update Failed
31	Bank Not Supported
32	Completed Partially
33	Expired Card, Pick-Up
34	Suspected Fraud, Pick-Up
35	Contact Acquirer, Pick-Up
36	Restricted Card, Pick-Up
37	Call Acquirer Security, Pick-Up
38	PIN Tries Exceeded, Pick-Up
39	No Credit Account
40	Function Not Supported
41	Lost Card (Contact Bank)
42	No Universal Account
43	Stolen Card
44	No Investment Account
51	Not Sufficient Funds (Client To Contact Bank)
52	No Check Account
53	No Savings Account
54	Expired Card (Contact Bank)
55	Incorrect PIN
56	No Card Record
57	Transaction Not Permitted To Cardholder
58	Transaction Not Permitted On Terminal
59	Suspected Fraud
60	Contact Acquirer
61	Exceeds Withdrawal Limit
62	Restricted card
63	Security Violation
64	Original Amount Incorrect
65	Exceeds Withdrawal Frequency
66	Call Acquirer Security
67	Hard Capture
68	Response Received Too Late
75	PIN Tries Exceeded
77	Intervene, Bank Approval Required
78	Intervene, Bank Approval Required For Partial Amount
90	Cut-Off In Progress
91	Issuer Or Switch Inoperative
92	Routing Error
93	Violation Of Law
94	Duplicate Transaction

Code	Description
95	Reconcile Error
96	Communication System Malfunction
97	Communication Error - Cannot Connect To FNB
98	Exceeds Cash Limit
76	Approved Country Club
79	Approved Administrative Transaction
80	Approved National Negative File Hit OK
81	Approved Commercial
82	No Security Module
83	Maximum Refund credit Limit exceeded
84	No PBF
85	PBF Update Error
86	Invalid Authorisation Type
87	Bad Track 2
88	PTLF Error
89	Invalid Route Service
110	1A Soft Decline requesting 3D Secure Version 2 authentication on an unsecured ecommerce transaction

Codes returned by the **GICC** network:

Code	Description
0	Approved or completed successfully
2	Call Voice-authorization number; Initialization Data
3	Invalid merchant number
4	Retain card
5	Authorization declined
10	Partial approval
12	Invalid transaction
13	Invalid amount
14	Invalid card
21	No action taken
30	Format Error
33	Card expired
34	Suspicion of manipulation
40	Requested function not supported
43	Stolen card, pick up
55	Incorrect personal identification number
56	Card not in authorizer's database
58	Terminal ID unknown
62	Restricted card
78	Stop payment order
79	Revocation of authorization order
80	Amount no longer available
81	Message-flow error
91	Card issuer temporarily not reachable
92	The card type is not processed by the authorization center
96	Processing temporarily not possible
97	Security breach - MAC check indicates error condition

Code	Description
98	Date and time not plausible
99	Error in PAC encryption detected

Codes returned by the **ONEY_API** network:

Code	Description
0	Awaiting acceptance by Oney
1	Payment rejected by Oney
2	Payment accepted by Oney
3	Payment abandoned
4	Payment canceled
99	Unknown error

Codes returned by the **PayPal** network:

Code	Description
0	Transaction accepted
10001	Internal error
10002	Restricted Account
10009	Transaction refused for one of the following reasons: • The partial refund amount must be less than or equal to the original transaction amount. • The partial refund must be in the same currency as the original transaction. • This transaction has already been fully refunded. • The time limit (60 days) for performing a refund for this transaction has been exceeded.
10422	Customer must choose new funding sources. The customer must return to PayPal to select new funding sources.
10486	This transaction couldn't be completed. Please redirect your customer to PayPal.
13113	The Buyer cannot pay with PayPal for this transaction. Inform the buyer that PayPal declined the transaction and to contact PayPal Customer Service.

Other return codes   For payment methods that are different from the ones presented below:

- see the technical documentation specific to the payment method

  or

- contact the technical support for more information.

Category   Payment method details.

▪ vads_authent_paypal_protection_eligibility

Description	Type of merchant protection used for the transaction.
	Three values are possible:

- ELIGIBLE

  Merchant is protected by PayPal's Seller Protection Policy for unauthorized payments and Item Not Received.

- PARTIALLY_ELIGIBLE

  Merchant is protected by PayPal's Seller Protection Policy for Item Not Received.

- INELIGIBLE

  Merchant is not protected by PayPal's Seller Protection Policy for Item Not Received.

Concerns only the PayPal payment method.

Output field, returned in the response (IPN and Return URL).

Format	enum
Category	Order details.

▪ vads_authent_nsu

Description	Unique sequence number (Latin America).
	Output field, returned in the response (IPN and Return URL).
Format	ans..255
Category	Transaction details.

◼ vads_available_languages

Description	Allows to specify the list of languages available on the payment page.
	The elements on the list must be separated by a semi-colon (**;**).
	Allows you to modify the list of languages offered by the language selector at the top right of the payment page.
	Input and output field, returned in the response (IPN and Return URL).
Format	language1;language2;language3
Error code	71

Possible values

Language	Value	Default available language
German	de	x
English	en	x
Chinese	zh	x
Spanish	es	x
French	fr	x
Italian	it	x
Japanese	ja	x
Dutch	nl	x
Polish	pl	
Portuguese	pt	x
Russian	ru	x
Swedish	sv	x
Turkish	tr	

E.g.: to limit the choice to French and English, submit vads_available_languages=fr;en

Category	Payment page customization

◼ vads_avs_result

Description	Transmits the result of the address verification performed by the buyer.
	This verification only applies to the numeric part of the billing address.
	The Address Verification Service is supported in the USA, Canada and United Kingdom.
	Output field, returned in the response (IPN and Return URL).
Format	a1

Possible values

Code	Visa	MasterCard	Discover	American Express
Y	Address & 5-digit or 9-digit ZIP match	Address & 5-digit ZIP match	Address only matches	Address & ZIP match
A	Address matches, ZIP does not	Address matches, ZIP does not	Address & 5-digit ZIP match	Address only matches
S	AVS not supported	AVS not supported	AVS not supported	AVS not supported
R	System unavailable, retry	System unavailable, retry	Not applicable	System unavailable, retry

Code	Visa	MasterCard	Discover	American Express
U	Information not available	Information not available	System unavailable, retry	Information not available
Z	Either 5-digit or 9-digit ZIP match, address does not	5-digit ZIP matches, address does not	5-digit ZIP matches, address does not	ZIP code only matches
N	Neither ZIP nor address match	Neither ZIP nor address match	Neither ZIP nor address match	Neither ZIP nor address match
W	Not applicable	For U.S., 9-digit ZIP matches, address does not. For non-U.S., ZIP matches, address does not	Information not available	Not applicable
X	Not applicable	For U.S., all digits match. For non-U.S., ZIP and address match.	Address & 9-digit ZIP match	Not applicable
B	Address matches, ZIP not verified	Not applicable	Not applicable	Not applicable
T	Not applicable	Not applicable	9-digit ZIP matches, address does not	Not applicable
P	ZIP matches, address not verified	Not applicable	Not applicable	Not applicable
C	Address and ZIP not verified	Not applicable	Not applicable	Not applicable
D	Address & ZIP match (International only)	Not applicable	Not applicable	Not applicable
G	Address not verified (International only)	Not applicable	Not applicable	Not applicable
I	Address not verified (International only)	Not applicable	Not applicable	Not applicable
M	Address & ZIP match (International only)	Not applicable	Not applicable	Not applicable
F	Address & ZIP match (UK only)	Not applicable	Not applicable	Not applicable

Category	Transaction details.

■ vads_bank_code

Description	Code associated with the issuing bank.
	Output field, returned in the response (IPN and Return URL).
Format	n5
Category	Payment method details.

■ vads_bank_label

Description	Name of the issuing bank of the payment card.
	Output field, returned in the response (IPN and Return URL).
Format	ans..255

> **ℹ** Alphanumeric and special characters that may contain accented characters (except '<' and '>').

Category	Payment method details

■ vads_bank_product

Description	Product code of the card used for the payment.
	Output field, returned in the response (IPN and Return URL).
Format	an..20

Possible values

VISA	Designation
A	Visa Traditional
B	Visa Traditional Rewards
C	Visa Signature
D	Visa Signature Preferred
E	Proprietary ATM
F	Visa Classic
G	Visa Business
G1	Visa Signature Business
G2	Reserved
G3	Visa Business Enhanced
G4	Visa Infinite Business
G5	Visa Business Rewards
H	Reserved
I	Visa Infinite
I1	Visa Infinite Privilege
I2	Visa Ultra High Net Worth
J	Reserved
J1	Reserved
J2	Reserved
J3	Visa Healthcare
J4	Reserved

VISA	Designation
K	Visa Corporate T&E
K1	Visa GSA Corporate T&E
L	Electron
N	Visa Platinium
N1	TBA
N2	Visa Select
P	Visa Gold
Q	Private Label
Q1	Reserved
Q2	Private Label Basic
Q3	Private Label Standard
Q4	Private Label Enhanced
Q5	Private Label Specialized
Q6	Private Label Premium
R	Proprietary
S	Visa Purchasing
S1	Visa Purchasing
S2	Visa Purchasing
S3	Visa Purchasing
S4	Government Services Loan
S5	Commercial Transport EBT
S6	Business Loan
S7	Visa Distribution
T	Reserved
U	Visa TravelMoney
V	Visa VPay
W	Reserved
X	Reserved
Y	Reserved
Z	Reserved

MASTERCARD	Designation
BPD	MASTERCARD BUSINESS PREMIUM DEBIT
CIR	CIRRUS
DAG	GOLD DEBIT MASTERCARD SALARY
DAP	PLATINUM DEBIT MASTERCARD SALARY
DAS	STANDARD DEBIT MASTERCARD SALARY
DDB	DOMESTIC DEBIT BRAND
DLG	DEBIT GOLD DELAYED DEBIT
DLH	DEBIT WORLD EMBOSSED DELAYED DEBIT
DLP	DEBIT PLATINUM DELAYED DEBIT
DLS	MASTERCARD CARD-DELAYED DEBIT
DOS	STANDARD DEBIT MASTERCARD SOCIAL
DWF	DEBIT MASTERCARD HUMANITARIAN PREPAID
M	MASTERCARD
MAB	WORLD ELITE MASTERCARD
MAC	MASTERCARD CORPORATE WORLD ELITE
MAP	MASTERCARD COMMERCIAL PAYMENTS ACCOUNT
MBB	MASTERCARD PREPAID CONSUMER
MBC	MASTERCARD PREPAID VOUCHER
MBD	MASTERCARD PROFESSIONAL DEBIT BUSINESS CARD
MBE	MASTERCARD ELECTRONIC BUSINESS CARD
MBK	MASTERCARD BLACK
MBP	MASTERCARD UNKNOWN PRODUCT
MBS	MASTERCARD B2B PRODUCT
MBT	MASTERCARD CORPORATE PREPAID TRAVEL
MBW	WORLD MASTERCARD BLACK EDITION – DEBIT
MCB	MASTERCARD BUSINESS CARD
MCC	MASTERCARD CREDIT MIXED BIN CARD
MCD	MASTERCARD DEBIT CARD
MCE	MASTERCARD ELECTRONIC CARD
MCF	MASTERCARD FLEET CARD
MCG	MASTERCARD GOLD CARD
MCH	MASTERCARD PREMIUM CHARGE
MCO	MASTERCARD CORPORATE CARD
MCP	MASTERCARD PURCHASING CARD
MCS	MASTERCARD STANDARD CARD
MCT	TITANIUM MASTERCARD CARD
MCV	MERCHANT BRANDED PROGRAM
MCW	WORLD MASTERCARD CARD
MDB	DEBIT MASTERCARD BUSINESSCARD CARD
MDG	DEBIT GOLD MASTERCARD CARD
MDH	DEBIT OTHER EMBOSSED
MDJ	DEBIT OTHER 2 EMBOSSED
MDL	BUSINESS DEBIT OTHER EMBOSSED
MDN	BUSINESS DEBIT OTHER 2 EMBOSSED
MDO	DEBIT OTHER CARD
MDP	DEBIT PLATINUM CARD
MDR	DEBIT BROKERAGE CARD
MDS	DEBIT MASTERCARD CARD

MASTERCARD	Designation
MDT	MASTERCARD BUSINESS DEBIT
MDW	WORLD ELITE DEBIT MASTERCARD
MEB	MASTERCARD EXECUTIVE BUSINESS CARD
MEC	MASTERCARD ELECTRONIC COMMERCIAL CARD
MEF	ELECTRONIC PAYMENT ACCOUNT
MEO	MASTERCARD CORPORATE EXECUTIVE CARD
MET	TITANIUM DEBIT MASTERCARD CARD
MFB	FLEX WORLD ELITE
MFD	FLEX PLATINUM
MFE	FLEX CHARGE WORLD ELITE
MFH	FLEX WORLD
MFL	FLEX CHARGE PLATINUM
MFW	FLEX CHARGE WORLD
MGF	MASTERCARD GOUVERNMENT COMMERCIAL CARD
MHA	MASTERCARD HEALTHCARE PREPAID NON-TAX
MHB	MASTERCARD HSA SUBSTANTIATED (DEBIT MASTERCARD)
MHD	HELOC DEBIT STANDARD
MHH	MASTERCARD HSA NON-SUBSTANTIATED (DEBIT MASTERCARD)
MHL	HELOC DEBIT GOLD
MHM	HELOC DEBIT PLATINUM
MHN	HELOC DEBIT PREMIUM
MIA	PREPAID MASTERCARD UNEMBOSSED STUDENT CARD
MIP	PREPAID DEBIT MASTERCARD STUDENT CARD
MIU	DEBIT MASTERCARD UNEMBOSSED
MLA	MASTERCARD CENTRAL TRAVEL SOLUTIONS AIR CARD
MLD	MASTERCARD DISTRIBUTION CARD
MLL	MASTERCARD CENTRAL TRAVEL SOLUTIONS LAND CARD
MNF	MASTERCARD PUBLIC SECTOR COMMERCIAL CARD
MNW	MASTERCARD NEW WORLD
MOC	MASTERCARD UNKNOWN PRODUCT
MOG	MAESTRO GOLD
MOP	MAESTRO PLATINIUM
MOW	MAESTRO WORLD
MPA	MASTERCARD PREPAID DEBIT STANDARD-PAYROLL
MPB	PREFERRED BUSINESS CARD
MPC	MPC
MPD	MASTERCARD FLEX PREPAID
MPF	MASTERCARD PREPAID DEBIT STANDARD-GIFT
MPG	MASTERCARD UNEMBOSSED PREPAID STUDENT CARD
MPH	MASTERCARD CASH PREPAID
MPJ	PREPAID DEBIT MASTERCARD CARD GOLD
MPK	PREPAID MASTERCARD GOUVERNMENT COMMERCIAL CARD
MPL	PLATINIUM MASTERCARD CARD
MPM	MASTERCARD PREPAID DEBIT STANDARD-CONSUMER INCENTIVE
MPN	MASTERCARD PREPAID DEBIT STANDARD-INSURANCE
MPO	MASTERCARD PREPAID DEBIT STANDARD-OTHER
MPP	PRE-PAID CARD
MPR	MASTERCARD PREPAID DEBIT STANDARD-TRAVEL

MASTERCARD	Designation
MPT	MASTERCARD PREPAID DEBIT STANDARD-TEEN
MPV	MASTERCARD PREPAID DEBIT STANDARD-GOVERNMENT
MPW	DEBIT MASTERCARD BUSINESS CARD PREPAID WORK B2B
MPX	MASTERCARD PREPAID DEBIT STANDARD-FLEX BENEFIT
MPY	MASTERCARD PREPAID DEBIT STANDARD-EMPLOYEE INCENTIVE
MPZ	MASTERCARD PREPAID DEBIT STANDARD – GOVERNMENT CONSUMER
MRC	MASTERCARD ELECTRONIC CONSUMER PREPAID
MRF	MASTERCARD EUROPEAN REGULATED INDIVIDUAL PAY
MRG	MASTERCARD STANDARD PREPAID
MRH	MASTERCARD UNKNOWN PRODUCT
MRJ	PREPAID MASTERCARD GOLD CARD
MRK	PREPAID MASTERCARD PUBLIC SECTOR COMMERCIAL CARD
MRL	PREPAID MASTERCARD ELECTRONIC COMMERCIAL CARD (NON-US)
MRO	MASTERCARD REWARDS ONLY
MRP	STANDARD RETAILER CENTRIC PAYMENTS
MRW	MASTERCARD CREDIT BUSINESS CARD PREPAID
MSA	PREPAID MAESTRO PAYROLL CARD
MSB	MAESTRO SMALL BUSINESS CARD
MSF	PREPAID MAESTRO GIFT CARD
MSG	PREPAID MAESTRO CONSUMER RELOADABLE CARD
MSI	MAESTRO
MSJ	PREPAID MAESTRO GOLD
MSM	PREPAID MAESTRO CONSUMER PROMOTION CARD
MSN	PREPAID MAESTRO INSURANCE CARD
MSO	PREPAID MAESTRO OTHER CARD
MSQ	RESERVED FOR FUTURE USE
MSR	PREPAID MAESTRO TRAVEL CARD
MST	PREPAID MAESTRO TEEN CARD
MSV	PREPAID MAESTRO GOVERNMENT BENEFIT CARD
MSW	PREPAID MAESTRO CORPORATE CARD
MSX	PREPAID MAESTRO FLEX BENEFIT CARD
MSY	PREPAID MAESTRO EMPLOYEE INSENTIVE CARD
MSZ	PREPAID MAESTRO EMERGENCY ASSISTANCE CARD
MTP	MASTERCARD PLATINUM PREPAID TRAVEL (UK AND BRAZIL)
MUW	WORLD DOMESTIC AFFLUENT
MWB	WORLD MASTERCARD FOR BUSINESS
MWD	WORLD DEFERRED
MWE	MASTERCARD WORLD ELITE
MWF	MASTERCARD HUMANITARIAN PREPAID
MWO	MASTERCARD CORPORATE WORLD
MWR	WORLD RETAILER CENTRIC PAYMENTS
OLB	MAESTRO SMALL BUSINESS DELAYED DEBIT
OLG	MAESTRO GOLD DELAYED DEBIT
OLP	MAESTRO PLATINUM DELAYED DEBIT
OLS	MAESTRO-DELAYED DEBIT
OLW	MAESTRO WORLD DELAYED DEBIT
PVA	PRIVATE LABEL A
PVB	PRIVATE LABEL B

MASTERCARD	Designation
PVC	PRIVATE LABEL C
PVD	PRIVATE LABEL D
PVE	PRIVATE LABEL E
PVF	PRIVATE LABEL F
PVG	PRIVATE LABEL G
PVH	PRIVATE LABEL H
PVI	PRIVATE LABEL I
PVJ	PRIVATE LABEL J
PVL	PRIVATE LABEL CARD
SAG	GOLD MASTERCARD SALARY–IMMEDIATE DEBIT
SAL	STANDARD MAESTRO SALARY
SAP	PLATINUM MASTERCARD SALARY–IMMEDIATE DEBIT
SAP	PLATINUM MASTERCARD SALARY IMMEDIATE DEBIT
SAS	STANDARD MASTERCARD SALARY–IMMEDIATE DEBIT
SOS	STANDARD MASTERCARD SOCIAL–IMMEDIATE DEBIT
SUR	PREPAID MASTERCARD UNEMBOSSED (NON-US)
SUR	PREPAID UNEMBOSSED MASTERCARD CARD (NON-US)
TBE	MASTERCARD ELECTRONIC BUSINESS IMMEDIATE DEBIT
TCB	MASTERCARD BUSINESS CARD-IMMEDIATE DEBIT
TCC	MASTERCARD MIXED BIN-IMMEDIATE DEBIT
TCE	MASTERCARD ELECTRONIC IMMEDIATE DEBIT
TCF	MASTERCARD FLEET CARD IMMEDIATE DEBIT
TCG	LD MASTERCARD CARD-IMMEDIATE DEBIT
TCO	MASTERCARD (CORPORATE) IMMEDIATE DEBIT
TCP	MASTERCARD PURCHASING CARD IMMEDIATE DEBIT
TCS	MASTERCARD STANDARD CARD-IMMEDIATE DEBIT
TCW	WORLD SIGNIA MASTERCARD CARD-IMMEDIATE DEBIT
TEB	MASTERCARD EXECUTIVE BUSINESS CARD IMMEDIATE DEBIT
TEC	MASTERCARD ELECTRONIC COMMERCIAL IMMEDIATE DEBIT
TEO	MASTERCARD CORPORATE EXECUTIVE IMMEDIATE DEBITCARD
TIU	TIU
TNF	MASTERCARD PUBLIC SECTOR COMMERCIAL CARD IMMEDIATE DE
TNW	MASTERCARD NEW WORLD-IMMEDIATE DEBIT
TPB	PREFERRED BUSINESS CARD IMMEDIATE DEBIT
TPL	PLATINUM MASTERCARD IMMEDIATE DEBIT
TWB	WORLD MASTERCARD BLACK EDITION IMMEDIATE DEBIT
WBE	MASTERCARD UNKNOWN PRODUCT
WDR	WORLD DEBIT MASTERCARD REWARDS
WMR	WORLD MASTERCARD REWARDS

CB	Designation
1	National cash withdrawal card
2	National cash withdrawal and payment card
3	National payment card
4	National payment and cash withdrawal card requiring systematic authorization
5	National payment card requiring systematic authorization

Other product codes	Designation
AX	AMERICAN EXPRESS
DI	DISCOVER
DN	DINERS
JC	JCB

Category	Payment method details.

◼ vads_birth_day

Description	Date of birth of the cardholder.
	Input field.
Format	n..2
Error code	76
Category	Payment method details.

◼ vads_birth_month

Description	Month of birth of the cardholder.
	Input field.
Format	n..2
Error code	76
Category	Payment method details.

◼ vads_birth_year

Description	Year of birth of the cardholder.
	Input field.
Format	n4
Error code	76
Category	Payment method details.

◼ vads_brand_management

Description	Indicates to the merchant:
	• whether the user has chosen a brand (**userChoice** attribute),
	• the brand chosen by the buyer (**brand** attribute),
	• the list of available brands (**brandList** attribute).
	This field is returned only if brand selection is enabled for the CB contract used for the payment.
	Output field, returned in the response (IPN and Return URL).
Format	json
Possible values	Example:
	vads_brand_management={"userChoice":true,"brand":"CB","brandList":"CB|VISA"}

Category	Payment method details.

▪ vads_capture_delay

Description	Indicates the delay (in days) before the capture.
	If the parameter is not submitted, the default value specified in the Expert Back Office will be used. The default value can be configured in the Expert Back Office by all authorized persons.
	i • The value of *vads_capture_delay* is not taken into account in the case of payment in installments *MULTI_EXT*. • If the capture delay is higher than 365 days in the payment request, it will be automatically reset to 365 days.
	Input and output field (IPN and Return URL).
Format	n..3
Error code	06
Category	Transaction details.

▪ vads_card_brand

Description	Payment method used, if available (empty otherwise).
	The value is derived from the BIN range files.
	Output field, returned in the response (IPN and Return URL).
Format	an..127
Possible values	See the **vads_payment_cards** field.
	The value CB will be returned for co-branded Visa and MasterCard CB cards.
Category	Payment method details.

▪ vads_card_country

Description	Country code of the card in compliance with the ISO 3166 standard
	Output field, returned in the response (IPN and Return URL).
Format	ISO 3166
Category	Payment method details.

▪ vads_card_holder_name

Description	Name of the cardholder.
	In Latin America, this parameter is required for DECIDIR and VISANET.
	Input field.
Format	ans..255
Error code	45
Category	Payment method details.

■ vads_card_nature

Description	Nature of the card.
	Empty field if not provided by acquirer.
	Output field, returned in the response (IPN and Return URL).
Format	enum
Possible values	• CONSUMER_CARD: Personal card
	• COMMERCIAL_CARD: Commercial card
Category	Payment method details.

■ vads_card_number

Description	• Masked card number. Contains the 6 first digits of the number followed by "XXXXXX" and the 4 last numbers in the end.
	• IBAN and BIC used for the payment separated by "_" in case of a direct debit payment. The BIC is optional so the number may be the IBAN only.
	Output field returned in the response (IPN and Return URL).
Format	an..36
Category	Payment method details.

■ vads_card_product_category

Description	Card product category.
	The value is derived from the BIN range files.
	Output field, returned in the response (IPN and Return URL).
Format	enum
Possible values	• CREDIT
	• DEBIT
	• PREPAID
Category	Payment method details.

■ vads_change_rate

Description	Exchange rate used to calculate the effective payment amount (multi-currency payment).
	Output field, returned in the response (IPN and Return URL).
Format	string
Category	Transaction details

■ vads_collection_expiry_date

Description	Fund collection expiration date in dateTime format.
	Used in Latin America for cash payments.

Allows to override the expiration date of fund collection defined by default in the MID configuration.

E.g.: 2020-02-25T14:02:17+00:00

Input and output field, returned in the response (IPN and Return URL).

Format	dateTime
Error code	174
Category	Order details.

◼ vads_contracts

Description	Allows to:

- specify a list with the Merchant ID (MID) to use for each acceptance network,

- exclude a network.

This parameter is optional and is only used when **you have several e-commerce Merchant IDs (MID)** within the same network and when you wish to **select a different Merchant ID (MID) depending on the payment**.

If this parameter is not specified or absent, the payment will be made with the Merchant ID(s) according to the priority order defined in the Expert Back Office (**Settings** > **Shop** > **MID association** tab).

Input field.

Format	map
Error code	62
Possible values	Syntax:

- To **define a list** of MIDs, separate them with a semi-colon ";".

```
vads_contracts=NETWORK_CODE_A=MID_A1;NETWORK_CODE_B=MID_B2
```

- To **exclude a network**, add **network name**=**NO**.

```
vads_contracts=NETWORK_CODE_A=NO
```

- To **force the TID**, separate the MID number and the TID number by a colon: ": "

```
vads_contracts=NETWORK_CODE_A=MID_A1:TID_1
```

- If the field is submitted empty, the MID used will be the one defined by the priority order in the Expert Back Office (**Settings** > **Shop** > **MID association** tab).

The possible networks are:

Network code	Description
ACCORD_SANDBOX	Oney network (private and gift cards) - sandbox mode
ACCORD	Oney network (private and gift cards)
ALMA	ALMA network
AMEXGLOBAL	American Express network
AURORE	Cetelem Aurore network (Brand cards and universal Aurore card)
CB	CB network
CONECS	Titre-Restaurant Conecs network
DINERS	Diners Club network
EDENRED	Edenred network (Tickets Restaurant, Tickets EcoChèque, Tickets Compliments)
FULLCB	FULL CB Network (Payment in 3 or 4 times without fees by BNPP PF)
GATECONEX	GATECONEX Network
GICC_DINERS	GICC network (Diners Club cards)
GICC_MAESTRO	GICC network (Maestro cards)
GICC_MASTERCARD	GICC network (Mastercard cards)
GICC_VISA	GICC network (Visa cards)
GICC	GICC network

Network code	Description
GOOGLEPAY	Google Pay network
IP	Payment initiation (SEPA Credit Transfer and SEPA Instant Credit Transfer) network
JCB	JCB network
LYRA_COLLECT_PPRO	PPRO network
MULTIBANCO	MULTIBANCO network
ONEY_SANDBOX	Oney Network (Payment in 3 or 4 installments by FacilyPay) - sandbox mode
ONEY	Oney Network (Payment in 3 or 4 installments by FacilyPay)
PAYCONIQ	Payconiq network
PAYPAL	PayPal network
PAYPAL_SB	PayPal network - sandbox mode
POSTFINANCEV2	POSTFINANCE network
SEPA	SEPA network (SDD and SCT)

Examples:

In order to force the MID to be used:

```
vads_contracts="CB=1231231;AMEXGLOBAL=949400444"
```

In order to forbid the payment on a specific network:

```
vads_contracts="CB=1231231;AMEXGLOBAL=NO"
```

Category	Transaction details.

◼ vads_contract_used

Description	This field defines the value of the Merchant ID (MID) associated with the transaction. It is populated with the Merchant ID (MID) registered by default in your shop or it takes the value of the **vads_contracts** field sent in the payment request. *Output field, returned in the response (IPN and Return URL).*
Format	ans..250
Category	Transaction details

◼ vads_contrib

Description	Optional information that indicates the name of the CMS used for the payment (Joomla, osCommerce, etc.). If you are developing your own software, this field can include your own module version for example. *Input and output field, returned in the response (IPN and Return URL).*
Format	ans..128
Error code	31
Category	Technical details

◾ vads_ctx_mode

Description	Mandatory parameter.
	Defines the mode of interaction with the payment gateway.
	Affects the choice of the key to be used (test or production) during signature computation.
	The TEST mode is available at all times, even after the generation of the production key.
	If you create a new e-commerce website (or have access to the acceptance testing environment), you can make tests without impacting the website that is currently in production.
	The input and output field, returned in the response (IPN and Return URL).
Format	enum
Error code	11
	Frequent errors:
	• The mode has not been submitted to the payment gateway.
	• Using PROD instead of PRODUCTION.
	• Writing the value in lowercase letters (test or production). This field expects values only in uppercase letters without abbreviations.
Possible values	**TEST**, **PRODUCTION**
Category	Technical details

■ vads_currency

Description	Numeric currency code to be used for the payment, in compliance with the ISO 4217 standard.
	To use a currency other than euro (978), you must request the activation of the "currency conversion" option.
	Payment in foreign currency with conversion allows Merchants to present price catalogs in different currencies, but without having to manage their finances in currencies different from the ones specified in their contract.
	With this option, when the gateway receives the amount in a currency not managed by your MIDs, it makes a conversion to the company's currency based on the daily exchange rate provided by Visa. For more information, please see the **Offering payment in a foreign currency** chapter of Hosted Payment Page guide.
Format	n3
Error code	10

Possible values

Currency	ISO 4217 encoding	Number of digits after the decimal point
Australian Dollar (AUD)	036	2
Canadian Dollar (CAD)	124	2
Danish Crown (DKK)	208	2
Japanese Yen (JPY)	392	0
Norwegian Crown (NOK)	578	2
Swedish Crown (SEK)	752	2
Swiss Franc (CHF)	756	2
Pound Sterling (GBP)	826	2
US Dollar (USD)[*]	840	2
Euro (EUR)	978	2

[*] Under conditions.

Category Transaction details.

■ vads_cust_address

Description Buyer's postal address.

> ⚠ Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> ℹ For Oney payments, the field is mandatory and the format is ans..128.
>
> Only the following special characters are authorized:
> - space
> - slash (/)
> - dash (-)
> - apostrophe (')
> - comma (,)
> - dot (.)

> ℹ️ For SEPA Direct Debit payments, the field becomes mandatory if the client has a bank account in the following regions, territories or countries: Switzerland, Monaco, San Marino, Mayotte, St. Pierre and Miquelon, Guernsey, Jersey, Isle of Man.

> ℹ️ For Franfinance payments, only the following special characters are authorized: **" ' ` _ + . - @ ,**

Input and output field, returned in the response (IPN and Return URL).

Format	ans..255
	Note: *The > and < special characters are not authorized.*
Error code	19
Category	Buyer details.

■ vads_cust_address2

Description	Address line 2
	Input and output field, returned in the response (IPN and Return URL).
Format	
Error code	19
Category	Buyer details.

■ vads_cust_address_number

Description	Street number.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..64
Error code	112
Category	Buyer details.

■ vads_cust_cell_phone

Description	Buyer's cell phone number.

Accepts all formats:

Examples:

- 0623456789
- +33623456789
- 0033623456789
- (+34) 824 65 43 21
- 87 77 12 34

> ⚠️ Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

For Oney payments, the field is mandatory and the format is n10.

Input and output field, returned in the response (IPN and Return URL).

Format	an..32
Error code	77
Category	Buyer details.

■ vads_cust_city

Description

Buyer's city.

> ⚠ Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> ℹ For Oney payments, the field is mandatory and the format is ans..128. Only the following special characters are authorized:
> - space
> - slash (/)
> - dash (-)
> - apostrophe (')

Input and output field, returned in the response (IPN and Return URL).

Format	an..128
Error code	21
Category	Buyer details.

■ vads_cust_country

Description

Allows to specify the country code in compliance with the ISO 3166 standard.

Input and output field, returned in the response (IPN and Return URL).

Format	a2
Error code	22

Examples of possible values

Code	Country	Code	Country
AT	Austria	GP	Guadeloupe
CI	Ivory Coast	MQ	Martinique
DE	Germany	NC	New Caledonia
ES	Spain	PF	French Polynesia
FR	France	PM	St. Pierre and Miquelon
FR	Corsica	US	United States of America

Category Buyer details.

■ vads_cust_district

Description	Buyer's district.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..127
Error code	113
Category	Buyer details.

■ vads_cust_email

Description	Buyer's email address, **required if you want the payment platform to send an email to the buyer**.

> **ℹ** In order for the buyer to receive an email, don't forget to post this parameter in the form when you generate a payment request.

Input and output field, returned in the response (IPN and Return URL).

Format	ans..150
Error code	15
Category	Buyer details.

■ vads_cust_first_name

Description	Buyer's first name.

> **!** Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> **ℹ** For Oney payments, the field is mandatory and the format is an..63.

Input and output field, returned in the response (IPN and Return URL).

Format	ans..63
Error code	104
Category	Buyer details.

■ vads_cust_id

Description	Buyer ID on the merchant side.

> **!** Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> **ℹ** For Oney payments, the field is mandatory and the format is an..8.

Input and output field, returned in the response (IPN and Return URL).

Format	an..63

Error code	16
Category	Buyer details.

◼ vads_cust_last_name

Description	Buyer's last name.

> ⚠️   Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> ℹ️   For Oney payments, the field is mandatory and the format is an..63.

Input and output field, returned in the response (IPN and Return URL).

Format	ans..63
Error code	105
Category	Buyer details.

◼ vads_cust_last_name

■ vads_cust_legal_name

Description	Buyer's legal name.
	Input field.
Format	ans..100
Error code	121
Category	Buyer details.

■ vads_cust_name

Description	Buyer's name.
	This field is deprecated. It is replaced by the **vads_cust_first_name** and **vads_cust_last_name** fields.
	Input and output field, returned in the response (IPN and Return URL).
Format	an..127
Error code	18
Category	Buyer details.

■ vads_cust_national_id

Description	National identifier.
	Allows each citizen to identify him/herself with a unique ID within a country.
	For example, in Brazil, ClearSale requires this field to be populated with the CPF/ CPNJ (in numeric format, between 11 and 20 digits long).
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	124
Category	Buyer details.

■ vads_cust_phone

Description	Buyer's phone number.
	Accepts all formats:
	Examples:

- 0123456789
- +33123456789
- 0033123456789
- (00.571) 638.14.00
- 40 41 42 42

> ⚠️ Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> ℹ️ For Oney payments, the field is mandatory and the format is n10.

Input and output field, returned in the response (IPN and Return URL).

Format	an..32
Error code	23
Category	Buyer details.

■ vads_cust_state

Description	Buyer's state/region.

Input and output field, returned in the response (IPN and Return URL).

Format	ans..127
Error code	88
Category	Buyer details.

■ vads_cust_status

Description	Buyer type.
	Input and output field, returned in the response (IPN and Return URL).
Format	enum
Error code	92
Possible values	**PRIVATE**, **COMPANY**
Category	Buyer details.

■ vads_cust_title

Description	Buyer's title (e.g. Mr, Mrs, Ms).
	Input and output field, returned in the response (IPN and Return URL).
Format	an..63
Error code	17
Category	Buyer details.

■ vads_cust_zip

Description	Buyer's postal code.

> ⚠ Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> ℹ For Oney payments, the field is mandatory and the format is n5.

Input and output field, returned in the response (IPN and Return URL).

Format	an..64
Error code	20
Category	Buyer details.

■ vads_dcc_amount

Description	Transaction amount expressed in the smallest currency unit defined by **vads_dcc_currency** (cents for euro).
	This field is populated only if the card is eligible for the Dynamic Currency Conversion (DCC) service and the Buyer has chosen to pay in the currency of the card.
	The conversion rate is returned in the **vads_change_rate** field.
	Output field, returned in the response (IPN and Return URL).
Format	n..12
Category	Transaction details.

▪ vads_dcc_currency

Description	Numeric code in accordance with the ISO 4217 standard of the currency chosen by the Buyer if the card is eligible for the Dynamic Currency Conversion (DCC) service.
	This field is populated only if the card is eligible for the Dynamic Currency Conversion (DCC) service and the Buyer has chosen to pay in the currency of the card.
	The conversion rate is returned in the **vads_change_rate** field.
	Output field, returned in the response (IPN and Return URL).
Format	n3

Possible values

Currency	ISO 4217 encoding	Number of digits after the decimal point
Australian Dollar (AUD)	036	2
Canadian Dollar (CAD)	124	2
Danish Crown (DKK)	208	2
Japanese Yen (JPY)	392	0
Norwegian Crown (NOK)	578	2
Swedish Crown (SEK)	752	2
Swiss Franc (CHF)	756	2
Pound Sterling (GBP)	826	2
US Dollar (USD)[*]	840	2
Euro (EUR)	978	2

Category	Transaction details.

▪ vads_dcc_markup

Description	Indicates the percentage (or rate) of sales margin on the total amount.
	This field is populated only if the card is eligible for the Dynamic Currency Conversion (DCC) service and the Buyer has chosen to pay in the currency of the card.
	Output field, returned in the response (IPN and Return URL).
Format	Decimal.
	Example: "3,5%" for a margin rate of 3,5%.
Category	Transaction details

▪ vads_dcc_rate_date

Description	UTC date and time, in YYYYMMDDHHMMSS format, of obtaining the conversion rate from the Dynamic Currency Conversion service (DCC).
	This field is populated only if the card is eligible for the Dynamic Currency Conversion (DCC) service and the Buyer has chosen to pay in the currency of the card.
	The conversion rate is returned in the **vads_change_rate** field.
	Output field, returned in the response (IPN and Return URL).
Format	n14
Category	Transaction details.

■ vads_effective_amount

Description	Payment amount in the currency used for the capture in the bank.
	Output field, returned in the response (IPN and Return URL).
Format	n..12
Examples	**Example for a shop with capture in EUR**

Payment of EUR 45,25

Parameters sent in the payment form
• vads_amount = 4525
• vads_currency = 978

Returned parameters
• vads_amount = 4525
• vads_currency = 978
• **vads_effective_amount = 4525**
• vads_effective_currency = 978

Payment of USD 10

Parameters sent in the payment form
• vads_amount = 1000
• vads_currency = 840

Returned parameters
• vads_amount = 1000
• vads_currency = 840
• vads_change_rate= 1.0490000000 (rate used)
• **vads_effective_amount = 953 (vads_amount / vads_change_rate)**
• vads_effective_currency = 978

Installment payment of EUR 75.90 in 3 installments

Parameters sent in the payment form
• vads_amount = 7590
• vads_currency = 978
• **vads_payment_config=MULTI_EXT:date1=2590;date2=2500;date3=2500** *Note: the MULTI_EXT value is not available for SEPA payment.*

Returned parameters for the first installment
• vads_amount = 7590
• vads_currency = 978
• **vads_effective_amount = 2590**

Payment of USD 90 paid in 3 installments

Parameters sent in the payment form
• vads_amount = 9000 • vads_currency = 840 • **vads_payment_config=MULTI_EXT:20121025=3000;20121026=2000;20121027=4000** _Note: the_ MULTI_EXT _value is not available for SEPA payment._

Returned parameters for the first installment
• vads_amount = 9000 • vads_currency = 840 • vads_change_rate= 1.3118 (exchange rate) • vads_effective_amount = 2287 (**amount of the 1st installment, $30 / vads_change_rate**)

Category	Transaction details.

■ vads_effective_creation_date

Description	Date of transaction registration in UTC format (GMT+0, 24H) (YYYYMMDDHHMMSS). _Output field, returned in the response (IPN and Return URL)._
Format	n14
Category	Transaction details

■ vads_effective_currency

Description	Code of the currency used for the capture. _Output field, returned in the response (IPN and Return URL)._
Format	n3
Category	Transaction details

◼ vads_expiry_month

Description	Expiry month of the card used for the payment.
	Output field, returned in the response (IPN and Return URL).
Format	n..2
Category	Payment method details.

◼ vads_expiry_year

Description	Expiry year of the card used for the payment.
	Output field, returned in the response (IPN and Return URL).
Format	n4
Category	Payment method details.

◼ vads_ext_info

Description	Allows to add an optional field to the confirmation e-mail sent to the Merchant.
	It can be viewed:
	• In the Expert Back Office in the transaction details section (**Extras** tab).
	• In the data transmitted to the merchant website when returning to the shop.
	• In the data transmitted to the merchant website during the IPN.
	• By default, in the payment confirmation e-mail sent to the Merchant.
	• In the payment confirmation e-mail sent to the Buyer, if you specify it in the notification.
	Required syntax:
	vads_ext_info_*fieldname*=value
	Input and output field, returned in the response (IPN and Return URL).
Format	ans
Error code	91
Category	Order details.

◼ vads_ext_info_bil_address_complement

Description	Specific to Brazil and to the ClearSale fraud analyzer.
	Allows to specify additional information about the billing address.
	Input field.
Format	ans..250
Category	Buyer details.

vads_ext_info_bil_date_of_birth

Description	Allows to transmit the birth date indicated on the bill to the risk analyzer.
	Format: yyyymmdd
	Input field.
Format	n8
Category	Buyer details.

vads_ext_info_bil_gender

Description	Specific to Brazil and to the ClearSale fraud analyzer.
	Allows to specify on the receipt whether the buyer is male or female.
	Input field.
Format	n1
Category	Buyer details.

vads_ext_info_deadline

Description	Specific to Brazil and to the ClearSale fraud analyzer.
	Allows to specify the delivery delay in days (N days).
	Input field.
Format	n
Category	Shipping details.

vads_ext_info_description

Description	Description of the invoice, defined by the merchant during the invoice order creation.
	Output field, returned in the response (IPN and Return URL).
Format	ans..128
Category	Order details.

vads_ext_info_fingerprint_id

Description	Unique session identifier.
	• This identifier can be generated by the payment gateway.
	In this case, this parameter must not be populated.
	• The identifier may also be generated by the merchant website.
	In this case, this parameter must be populated with the desired value of the identifier. Warning, the merchant website must make sure that each identifier is unique. Any registration request containing an existing identifier will be rejected and an error message will appear.
	Input field.
Format	string

Maximum size 255 characters.

In the case of risk analyzer ClearSale, this field has a fixed size of 128 characters and can contain uppercase, lowercase, numbers or dashes ([A-Z][a-z], 0-9, _, -).

In all other cases, we recommend that you enter a standard `UUID` of 36 characters. E.g.:`dd7a3898-2e1b-40d0-aaf7-5482c73bf0c4`.

.

Category	Buyer details.

■ vads_ext_info_ship_address_complement

Description	Specific to Brazil and to the ClearSale fraud analyzer.
	Allows to specify additional information about the shipping address.
	Input field.
Format	ans..250
Category	Shipping details.

■ vads_ext_info_ship_date_of_birth

Description	Allows to specify the buyer's date of birth for the shipping.
	Format: yyyymmdd
	Input field.
Format	n8
Category	Shipping details.

■ vads_ext_info_ship_gender

Description	Specific to Brazil and to the ClearSale fraud analyzer.
	Allows to specify for the shipping whether the buyer is male or female.
	Input field.
Format	n1
Category	Shipping details.

■ vads_ext_info_soft_descriptor

Description	Allows to customize the brand name.
	Output field, returned in the response (IPN and Return URL).
Format	ans..255
Category	Order details

■ vads_ext_trans_id

Description	External transaction reference.
	Example: Klarna reservation number, PayPal reservation number.
	Output field, returned in the response (IPN and Return URL).
Format	ans..20
Category	Transaction details

◼ vads_extra_result

Description

Risk assessment result (specific to shops that have enabled the feature). Its meaning depends on the value entered in **vads_result**.

- If **vads_result** equals 30 (request error), then **vads_extra_result** contains the numeric code of the field with an error in the value or the format. This value can be set to 99 in case of an unknown error in the request.

  Example: if **vads_extra_result** contains the value 09, it means that the amount specified in **vads_amount** is incorrect .

- If **vads_result** equals 05 (declined) or 00 (accepted), **vads_extra_result** contains the numeric code of the risk management result.

Code	Description
Empty	No verification completed.
00	All the verification processes have been successfully completed.
02	Credit card velocity exceeded.
03	The card is on the Merchant's greylist.
04	The country of origin of the card is on the Merchant's greylist.
05	The IP address is on the Merchant's greylist.
06	The BIN code is on the Merchant's greylist.
07	Detection of an e-carte bleue.
08	Detection of a national commercial card.
09	Detection of a foreign commercial card.
14	Detection of a card that requires systematic authorization.
20	Relevance verification: countries do not match (country IP address, card country, buyer's country).
30	The country of the this IP address is on the greylist.
99	Technical issue encountered by the server during a local verification process.

Output field, returned in the response (IPN and Return URL).

Category

Technical information.

◼ vads_first_installment_delay

Description

When the acquirer supports the parameter, this field allows to specify the number of deferred months to be applied on the first due date of the payment in installments (e.g.: Webpay Completa).

The payment will be declined and the **vads_payment_error** field will be valued at 171 in the following cases:

- the merchant is not allowed to defer payments,

- the value transmitted in the request is not among the options authorized by the acquirer.

Input field.

Format

n..2

Error code

N/A

Category

Transaction details

■ vads_hash

Description	A unique key returned only to the Instant Payment Notification (IPN).
	Output field, returned in the response (IPN only).
Format	an64
Category	Technical information.

■ vads_identifier

Description	Unique identifier (token or UMR) associated with a payment method.
	• This identifier can be generated by the payment gateway.
	In this case, this parameter must not be populated.
	• Otherwise, it can be generated by the merchant website.
	In this case, this parameter must be populated with the desired value of the identifier. **The merchant website must make sure that each identifier is unique**. Any registration request containing an existing identifier will be rejected and an error message will appear.
	Input and output field, returned in the response (IPN and Return URL).
Format	Two possible formats:
	• **an32**: if the identifier is generated by the payment gateway. This format is only used by the payment gateway.
	• **ans..50**: if the identifier is generated by the merchant. Cannot be an32 in this case.
Error code	30
Category	Recurring payment details.

■ vads_identifier_previously_registered

Description	When the "Check token uniqueness" option is enabled, every time a token is created the gateway checks the uniqueness of the payment method. If the payment method has already been registered (same number and expiration date), then the **vads_identifier_previously_registered** field is transmitted with the **true** value in the end of payment notification.
	The **vads_identifier_previously_registered** field is never returned in the end of payment notification if no duplicate payment methods are detected. Therefore, the **false** value is never sent to the merchant website.
	Output field, returned in the response (IPN only).
Format	bool
Category	Information about the subscription.

■ vads_identifier_status

Description	Only present if the requested action is token creation or update (or UMR for SEPA payment).
	Output field, returned in the response (IPN and Return URL).
Format	string

Possible values

Value	Description
CREATED	The authorization request has been accepted. The token (or UMR for SEPA payment) has been successfully created.
NOT_CREATED	The authorization request has been declined. The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.
UPDATED	The token (or UMR for SEPA payment) has been successfully updated.
NOT_UPDATED	The token (or UMR for SEPA payment) has not been updated.
ABANDONED	The action has been abandoned by the buyer (debtor). The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.

Category	Information about the subscription.

■ vads_iframe_options

Description	Allows to customize certain elements on the payment page in iframe mode:

- **fieldsBackgroundColor** : background color of entry fields
- **fieldsFontColor** : font color in entry fields

Example of syntax:

```
vads_iframe_options =
 {"fieldsBackgroundColor":"#000000","fieldsFontColor":"#FFFFFF"}
```

The result will be:

Input field.

Format	json
Error code	In case of a format error, the field is ignored and the payment form is not rejected.
Category	Payment page customization

■ vads_initial_issuer_transaction_identifier

Description	Unique transaction reference generated by the issuer.

Called a "chaining reference", it is used under PSD2 for processing **MIT** transactions to indicate to the issuer that the transaction is part of a series of payments for which the cardholder authenticated himself in the first payment.

Without this information, the issuer can refuse an **MIT** transaction for lack of authentication (soft decline).

Output field, returned in the response (IPN and Return URL).

Format	ans32
Examples	103E58BCD2311680 | 2MCSYFB0QD0126 | 1RCB202633021958
Category	Transaction details.

◼ vads_insurance_amount

Description	Insurance amount for the entire order.
	Concerns only the PayPal payment method.
	Input field.
Format	n..12
Error code	110
Category	Order details.

◼ vads_language

Description	<u>In the payment request:</u>
	Defines the language of the payment page (ISO 639-1 standard).
	If the field has not been sent or is empty, the payment page will be shown in the language of the buyer's browser.
	<u>In the response:</u>
	Returns the value specified in the form if the buyer has not changed the language of the payment page.
	Returns the language selected by the buyer if the buyer has changed it by clicking on a different flag.
	Input and output field, returned in the response (IPN and Return URL).
Format	a2
Error code	12

Possible values	Language	ISO 639-1 standard
	German	de
	English	en
	Chinese	zh
	Spanish	es
	French	fr
	Italian	it
	Japanese	ja

Language	ISO 639-1 standard
Dutch	nl
Polish	pl
Portuguese	pt
Russian	ru
Swedish	sv
Turkish	tr

Category	Payment page customization.

■ vads_nb_products

Description	Allows to define the number of items in the cart.
	Note:
	This field becomes mandatory for the shopping cart to be taken into account.
	*When it is populated, the **Shopping cart** tab becomes available in the transaction details in the Expert Back Office.*
	*However, if the other fields that start with **vads_product_** are not populated, the tab will not include any information. For this reason, when populating the **vads_nb_products** field, it <u>is mandatory</u> to populate the other fields that start with **vads_product_**.*
	Input field.
Format	n..12
Category	Order details.

■ vads_occurrence_type

Description	Allows to identify if the transaction is part of a series of payments (subscription or payment in installments).
	Useful for accurately identifying the first payment of a series.
	With the application of Soft Decline, the payment gateway automatically makes a new payment attempt with 3D Secure authentication, when possible. This changes the payment sequence number. The **vads_sequence_number** field no longer allows to easily identify the first payment of a series.
	Output field, returned in the response (IPN and Return URL).
Format	enum
Possible values	• **RECURRENT_INITIAL:** First payment of a series.
	• **RECURRENT_INTERMEDIAIRE:** Nth payment of a series.
	• **RECURRENT_FINAL:** Last payment of a series.
	• **UNITAIRE:** Single payment (immediate payment).
Category	Transaction details.

■ vads_operation_type

Description	Allows to identify the type of operation: debit, credit (refund) or verification when creating or updating a token without a transaction, or when requesting information as part of a payment upon shipment.

Output field, returned in the response (IPN and Return URL).

> ℹ️ The **vads_operation_type** field is not returned in the response when a payment is canceled or abandoned.

Format	enum
Possible values	• **DEBIT** • **CREDIT** • **VERIFICATION**

> ℹ️ *The **vads_operation_type** field is set to **VERIFICATION** in the following cases where there is no transaction:*
>
> • *vads_page_action = REGISTER*
>   *Creating a token without payment*
>
> • *vads_page_action = REGISTER_UPDATE*
>   *Updating token details*
>
> • *vads_page_action = REGISTER_SUBSCRIBE*
>   *Creating a token during a recurring payment*

Category	Transaction details.

■ vads_order_description

Description	Order description. String of characters transmitted by the merchant, visible on the payment receipt and the payment confirmation e-mail sent to the buyer. Used in Colombia for all payment methods. *Input and output field, returned in the response (IPN and Return URL).*
Format	ans..65
Error code	173
Category	Order details.

■ vads_order_id

Description

Order ID. It is also included in the payment confirmation e-mail sent to the buyer.

The maximum field size is 64 characters.

Accepted characters are:

- a b c d e f g h i j k l m n o p q r s t u v w x y z
- A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
- 0 1 2 3 4 5 6 7 8 9
- _-

> ⚠️ Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

Acquirer network	Length	Accepted characters
ACCORD	9	- a b c d e f g h i j k l m n o p q r s t u v w x y z - A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9
ACCORD_SANDBOX	9	- a b c d e f g h i j k l m n o p q r s t u v w x y z - A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9
ANCV	1..20	- a b c d e f g h i j k l m n o p q r s t u v w x y z - A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 _-
GIROPAY	1..27	- a b c d e f g h i j k l m n o p q r s t u v w x y z - A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 _-
KLARNA	1..32	- a b c d e f g h i j k l m n o p q r s t u v w x y z - A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9
PAYDIREKT_V2	1..20	- a b c d e f g h i j k l m n o p q r s t u v w x y z - A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 _-

Input and output field, returned in the response (IPN and Return URL).

Format	ans..64
Error code	13
Category	Order details.

■ **vads_order_info**

Description	Order description.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	14
Category	Order details.

■ **vads_order_info2**

Description	Order description.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	14
Category	Order details.

■ **vads_order_info3**

Description	Order description.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	14
Category	Order details.

■ **vads_override_payment_cinematic**

Description	Optional parameter.
	Used by the merchant to request, on individual transactions, a payment workflow different from the one specified in his or her contract ("Payment workflow" field).
	Input field.
	Note
	Only certain contracts exploit this parameter. If a value is selected in a contract that does not exploit the parameter, the data is ignored and no error message is raised.
Format	enum
Error code	131
Possible values	• (empty)
	The MID value is used.
	• IMMEDIATE_CAPTURE

Corresponds to a workflow of immediate capture: the capture is triggered by the acquirer on the day of the transaction.

- DELAYED_CAPTURE

Corresponds to a workflow of deferred capture: the capture is triggered by the payment gateway, always before the expiry of the authorization request.

Category   Technical details

◼ **vads_page_action**

Description	Mandatory parameter.
	Defines the action to be performed.
	Input and output field, returned in the response (IPN and Return URL).
Format	enum
Error code	46
Possible values	• PAYMENT Payment (using token or not) • REGISTER Creation of a token without payment • REGISTER_UPDATE Update of information associated with the token • REGISTER_PAY Creation of a token during a payment • REGISTER_SUBSCRIBE Creation of a token during a recurring payment • REGISTER_PAY_SUBSCRIBE Creation of a token during creation of a subscription with payment • SUBSCRIBE Using a token to create a recurring payment • REGISTER_UPDATE_PAY Update of information associated with the token during a payment • ASK_REGISTER_PAY Payment with option for the cardholder to create a token
Category	Technical details

■ vads_payment_cards

Description	Contains the list of payment methods offered to the buyer, separated by "**;**".
	Example: "VISA;MASTERCARD".
	If this list contains one payment method, the detail entry page for this payment method will directly appear. If not, the payment method selection page is displayed.
	All eligible payment methods (currencies, technical constraints, etc.) associated with the shop will be displayed if vads_payment_cards is not sent or if it is sent empty.
	Input field.
Format	type 1;type 2;type 3
Error code	08

The form has been rejected in the following cases:

- The transmitted value does not appear on the list below.

- The field is populated with TOUTES, ALL.

   To offer all payment methods, this parameter should not be posted or be posted empty.

- The transmitted value does not correspond to the payment method available for your shop.

- Your e-commerce contract has been closed by your banking institution.

- The transmitted value is not eligible in the associated network.

Possible values

Payment method	Card types (vads_payment_cards)
Alipay	ALIPAY
Alma in 2 installments	ALMA_2X
Alma in 3 installments	ALMA_3X
Alma in 4 installments	ALMA_4X
Alma in 10 installments	ALMA_10X
Alma in 12 installments	ALMA_12X
American Express	AMEX
Apple pay	APPLE_PAY
Apetiz electronic meal voucher	APETIZ
Cpay card	AURORE-MULTI
Bancontact Mistercash	BANCONTACT
CB	CB
Chèque Déjeuner electronic meal voucher	CHQ_DEJ
Conecs electronic meal voucher	CONECS
Chèque-Vacances Connect	CVCO
Diners	DINERS
Discover	DISCOVER
e-carte bleue	E-CARTEBLEUE
Edenred Ticket Eco Chèque	EDENRED_EC
Sports & Culture Edenred Ticket	EDENRED_SC
Edenred Ticket Compliment	EDENRED_TC
Edenred meal voucher	EDENRED_TR
Franfinance payment in 3X	FRANFINANCE_3X
Franfinance payment in 4X	FRANFINANCE_4X

Payment method	Card types (vads_payment_cards)
Payment in 3 installments with no fees with BNPP PF	FULLCB3X
Payment in 4 installments with no fees with BNPP PF	FULLCB4X
Giropay	GIROPAY
Google Pay wallet payment	GOOGLEPAY
iDeal Internet Banking	IDEAL
Illicado Gift Card	ILLICADO
JouéClub gift card - Sandbox mode	ILLICADO_SB
Virement SEPA	IP_WIRE
JCB	JCB
Maestro	MAESTRO
Mastercard	MASTERCARD
MB Reference	MULTIBANCO
MB Way	MB_WAY
Multibanco	MULTIBANCO
MB Reference	MULTIBANCO
MB Way	MB_WAY
MyBank	MYBANK
FacilyPay Oney	ONEY
Paiement 3x 4x Oney	ONEY_3X_4X
Payment 10x 12x Oney	ONEY_10X_12X
Payment Oney Pay Later	ONEY_PAYLATER
Cartes Enseignes partenaires d'Oney.	ONEY_ENSEIGNE
FacilyPay Oney - Sandbox mode	ONEY_SANDBOX
Payconiq	PAYCONIQ
PayDirekt	PAYDIREKT
PayPal	PAYPAL
PayPal - Sandbox mode	PAYPAL_SB
PostFinance	POSTFINANCE
PostFinance E-finance	POSTFINANCE_EFIN
Presto by Cetelem online credit solution	PRESTO
Przelewy24	PRZELEWY24
SEPA DIRECT DEBIT	SDD
Sodexo electronic meal voucher	SODEXO
Sofort Banking	SOFORT_BANKING
Union Pay	UNION_PAY
Visa	VISA
Visa Electron	VISA_ELECTRON
Vpay	VPAY
WeChat	WECHAT

| **Category** | Transaction details. |

■ vads_payment_certificate

| **Description** | This field is populated by the payment gateway if the authorization has been **successfully** completed. |

Output field, returned in the response (IPN and Return URL).

Format	an40
Category	Transaction details

■ vads_payment_config

Description	Defines the type of payment: immediate or installment.

- For a single payment, the value must be set to **SINGLE**.

- For an installment payment with fixed amounts and dates, the value must be set to **MULTI:** followed by key=value pairs separated by the "**;**" character.

  The parameters are:

  - "**first**" indicates the amount of the first installment (populated in the smallest unit of the currency).

  - "**count**" indicates the total number of installments.

  - "**period**" indicates the number of days between 2 installments.

  The field order associated with MULTI must be respected.

  Note: the MULTI value is not available for SEPA payment.

- For an installment payment with a customized installment schedule, the value must be set to **MULTI_EXT:** followed by the date=amount pairs separated by the "**;**" character.

  The dates must not be passed.

  Note: the MULTI_EXT value is not available for SEPA payment.

  Using the MULTI_EXT value requires a subscription to the **Advanced installment payment** option.

  Note: *The value of* **vads_capture_delay** *is not taken into account in the case of payment in installments* **MULTI_EXT***.*

  Input and output field, returned in the response (IPN and Return URL).

Format	enum
Error code	07
Possible values	

- **SINGLE**

- **MULTI:first= initial_amount;count=installments_nb ;period=interval_in_days**
  Note: the MULTI value is not available for SEPA payment.

- **MULTI_EXT:date1=amount1;date2=amount2;date3=amount3**
  Note: the MULTI_EXT value is not available for SEPA payment.

Example 1	**MULTI** allows to define an installment payment.

The amount of each installment corresponds to the total amount divided by the number of installments.

The amount of the first installment can be different, it can be specified in **first** parameter.

In case the remaining amount does not equal zero, it will be added up to the amount of the last installment.

Payment request:

- vads_capture_delay=2

- vads_currency=978

- vads_amount=20000

- vads_payment_config=MULTI:first=10000;count=4;period=30

Result:

A first payment of EUR 100.00 will be captured by the bank in 2 days (vads_capture_delay).

A second payment of EUR 33.33 will be made in 32 days (vads_capture_delay + period).

A third payment of EUR 33.33 will be made in 62 days.

A fourth payment of EUR 33.34 will be made in 92 days.

The total amount is EUR 200.00 (vads_amount= 20000). The remaining amount has been added to the amount of the last installment.

This instruction allows to immediately create 4 payments with the same transaction number but different sequence numbers (vads_sequence_number).

Example 2

MULTI_EXT allows to define a customized installment schedule. You will be able to define the amount of each installment.

MULTI_EXT : payment request:

- vads_currency=978

- vads_amount=19050

- vads_payment_config= MULTI_EXT**:**20150601 =10000; 20150701 =4525; 20150808 =4525

Result:

The first payment of EUR 100.00 is scheduled for June 1st 2015.

The second payment of EUR 45.25 is scheduled for July 1st 2015.

The last payment of EUR 45.25 is scheduled for August 8th 2015.

Note:

The total amount must be equal to the value of the **vads_amount** field. The date of the last installment cannot be later than 12 months after the date of submission of the form. If the last installment is scheduled later than the card expiry date, no installment will be registered and the buyer will be notified about this issue.

Category

Transaction details.

◼ vads_payment_error

Description	Error codes that may appear when a payment has been declined.
	Output field, returned in the response (IPN and Return URL).
Format	n..3

Possible values

Code	Message
1	Transaction not found.
2	Transaction not found.
3	This action has not been authorized for a transaction with the X status.
4	This transaction is not authorized in this context.
5	This transaction already exists.
6	Invalid transaction amount.
7	This operation is no longer allowed for a transaction created on this date.
8	The payment method exp. date does not allow to process this action.
9	Required security code.
10	The credit amount is higher than the initial amount.
11	The credit amount is higher than the initial amount.
12	Credit duplication (refund) is not authorized.
13	A technical problem occurred. We are not able to process your request.
14	A technical problem occurred. We are not able to process your request.
15	A technical problem occurred. We are not able to process your request.
16	A technical problem occurred. We are not able to process your request.
19	Unknown currency.
20	Invalid payment method.
21	No Merchant ID found for this payment. Please modify the data or contact your sales contact in case of repeated failures.
22	Shop not found.
23	Merchant ID (MID) unclear.
24	Merchant ID (MID) invalid.
25	A technical problem occurred. We are not able to process your request.
26	Invalid card number
27	Invalid card number.
28	Invalid card number.
29	Invalid card number.
30	Invalid card number (Luhn).
31	Invalid card number (length).
32	The card number does not match the selected payment method.
33	The card number does not match the selected payment method.
34	Card with unconditional authorization control failed.
35	E-carte bleue control failed.
36	The transaction has been refused by risk management.
37	Interruption not processed during the payment.
38	A technical problem occurred. We are not able to process your request.
39	3D Secure was declined for this transaction
40	A technical problem occurred. We are not able to process your request.
41	A technical problem occurred. We are not able to process your request.
42	An internal problem occurred during the card number checking.

Code	Message
43	An internal problem occurred during the card number checking.
44	Unauthorized action for face-to-face transactions.
45	Invalid currency for this change.
46	The amount exceeds the maximum authorized amount.
47	The requested capture date is later than the authorization validity date.
48	The required change is not valid.
49	Invalid definition of installment payment.
50	Unknown POS.
51	Unknown exchange rate.
52	This Merchant ID (MID) has been closed since aaaa/mm/dd.
53	The TEST shop has been closed since aaaa/mm/dd.
54	Rejected parameter that may contain sensitive data.
55	A technical problem occurred. We are not able to process your request.
56	The The amount is lower than the authorized minimum amount.
57	Error retrieving the alias.
58	The alias status is not compatible with this operation.
59	Error retrieving the alias.
60	This token already exists.
61	Invalid token.
62	Token creation failed.
63	This recurring payment already exists.
64	This recurring payment is already terminated.
65	Invalid recurring payment.
66	The rule of recurring payment is not valid.
67	Creation of the recurring payment declined.
68	Cancellation rejected.
69	A technical problem occurred. We are not able to process your request.
70	Invalid country code.
71	Invalid web service parameter.
72	Authorization declined by Cofinoga.
73	Authorization declined for EUR 1 (or information request about the CB network if the acquirer supports it).
74	Invalid payment configuration.
75	The operation was declined by PayPal.
76	The cardholder's name is absent.
77	A technical problem occurred. We are not able to process your request.
78	Transaction ID missing.
79	This transaction ID is already used.
80	Transaction ID expired.
81	The content of the configuration theme is not valid.
82	Refund is not authorized for this Merchant ID (MID).
83	Transaction amount outside the allowed values.
84	Capture not authorized for transaction X with the order number XX because as it is not yet registered in a CNAB/Remessa file.
85	Commission absent upon boleto capture.
86	Capture(s) not authorized for transaction(s) X as it is not yet registered in a CNAB/Remessa file.
87	A technical problem occurred. We are not able to process your request.
88	Refund error: PayPal does not allow transaction refunds after 60 days.

Code	Message
89	The modification is not authorized.
90	An error occurred during the refund of this transaction.
91	No payment options have been enabled for this MID.
92	An error occurred while calculating the payment channel.
93	An error occurred during buyer redirection to the page of payment finalization.
94	A technical error occurred during the call to the RSP service.
96	An error occurred during the capture of this transaction.
97	The requested capture date is too far.
98	Invalid transaction date.
99	An error occurred while calculating the payment source.
100	Failed commercial card verification.
101	Rejected as the first installment has been rejected.
103	The transaction status could not be synchronized with the external system.
104	An error occurred during the capture of this transaction.
105	3D Secure - Invalid signature of the authentication message (Pares).
106	Unsupported currency on this Merchant ID (MID) and/or shop.
107	The payment method associated with the token is no longer valid.
108	A technical problem occurred. We are not able to process your request.
109	Timeout during buyer redirection.
110	Payment method not supported by the Merchant ID (MID).
111	Refusal of transactions without Liability shift.
112	Cancellation is not authorized.
113	Duplication is not authorized.
115	Refund is not authorized.
116	Manual payment not authorized for this payment method.
118	Payment in installments not authorized for this payment method.
119	The submitted date is invalid.
120	The initial transaction option is not applicable.
124	Inactive payment method.
125	Payment refused by the acquirer.
126	This action is not possible because the sequence of payment is not completed.
128	Invalid payment method.
129	Invalid PIN code.
130	Out of credit.
131	Insufficient balance.
136	The derivative transactions have been refused without for the initial transaction.
137	Duplicate transaction.
138	Partial refund is impossible for this transaction.
139	Refund rejected.
140	Due to a technical problem, we are unable to process your request.
141	The risk analyzer rejected this transaction.
142	The used payment method is not valid for the requested payment mode.
143	A technical problem occurred. We are not able to process your request.
144	A transaction in production mode has been marked as in test mode by the acquirer.
145	A transaction in test mode has been marked as in production mode by the acquirer.
146	Invalid SMS code.
147	The risk assessment module asked for this transaction refusal.
148	No compatible MIDs found.

Code	Message
149	The payment session has expired (the Buyer has been redirected to the ACS and has not finalized the 3D Secure authentication).
150	No compatible MIDs found.
151	A Facily Pay transaction cannot be canceled/modified/refunded between 11.30 p.m. and 5.30 a.m.
152	A technical problem occurred. We are not able to process your request.
153	A technical error occurred during the call to the Banque Accord service.
155	The Facily Pay transaction could not be canceled/edited/refunded: the transaction status does not allow to perform the requested action. Reminder regarding a Facily Pay transaction: a refund must be made within two days after the capture, the delay between two refunds is one day, a partial refund is limited to 20 days, a full refund is limited to 6 months.
156	Operation not supported.
158	A technical problem occurred. We are not able to process your request.
159	The amount is less than the minimum amount authorized (minimum= X).
160	It is impossible to refund the transaction X as it has been subject to chargeback.
161	The modification failed because the chosen payment option is not available.
162	The modification failed because the chosen payment option is no longer valid.
163	The modification failed because the chosen payment option does not exist.
164	Invalid payment option.
165	The ID type is present, but its number is absent.
166	The ID number is present, but its type is absent.
167	The ID type is unknown.
168	The ID number is invalid.
169	The specific data that must be transmitted to the acquirer is invalid.
170	Deferred payment is not authorized.
171	The number of months for the deferred payment is not authorized.
172	The selected payment process is invalid.
173	Error within the Express Checkout PayPal service.
174	Card issuer unavailable.
175	Cancellation impossible, please try a refund.
176	Refund impossible, please try a cancellation.
177	No response to the authorization request was received within the fixed time-frame.
178	Cancellation impossible, the transaction has already been canceled.
179	The transaction status is unknown.
182	The customer's national identifier is absent.
183	The format of the customer's national identifier is incorrect.
184	The e-mail is absent.
186	The minimum authorized amount cannot make up less than 80% of the initial amount.
187	In order to refund the transaction, please contact RBM at solicitudes@rbm.com.co.
188	In order to refund the transaction, please contact Credibanco at atrecom@credibanco.com.
189	In order to refund the transaction, please contact Davivienda at wemedellin@davivienda.com.
190	The reason for refusal does not allow transaction duplication.
191	The billing address is absent or incomplete.
192	Manual capture is not allowed for this type of contract.
193	Amplification refused by the issuer. This amplification authorization refusal does not affect the initial authorization, which is still valid.
194	Credit is not allowed for this transaction type.
195	The amount eligible in TRD is invalid.
196	The amount eligible in TRD is negative.
197	The amount eligible in TRD is greater than the order amount.

Code	Message
198	The data transmitted to the CONECS network in the vads_acquirer_transient_data field does not contain the eligibleAmount key.
199	The amount eligible in TRD is lower than €1.50.
200	The specific data that must be transmitted to the acquirer is invalid.
201	The Buyer's name is absent or incomplete.
202	Payment token canceled.
203	Payment method verification rejected.
204	An error occurred during the cancellation of this transaction.
205	3D Secure - cannot reach DS or ACS.
206	3D Secure - A technical error occurred during the process. For more details, see the *Transaction with failed 3D Secure authentication* article via the Retrieving the cardholder authentication result chapter.
207	3D Secure - Refusal of the authentication by the issuer.. For more details, see the *Transaction with failed 3D Secure authentication* article via the Retrieving the cardholder authentication result chapter.
208	3D Secure - Refusal as authentication by the issuer is impossible.
210	Duplication of verification type transactions forbidden.
211	In order to refund the transaction, please contact Tuya.
212	In order to refund the transaction, please contact BigPass Edenred Colombia at sercliente-co@edenred.com.
213	3D Secure - Session altered by the ACS.
214	The card number is not eligible for this payment.
215	Internal error acquirer on the acquirer's side.
216	Expired OTP code.
217	Invalid OTP code.
218	Invalid data transmitted to the authentication validation service.
219	A technical error occurred during the authentication.
220	An internal error occurred during the authentication.
221	The address is required following the entry of an IBAN outside the EEA zone.
222	The authentication has been canceled.
223	The selected token cannot be used by the Visanet network.
224	Unknown cardholder
225	The data received from the wallet is not consistent.
226	Unable to access the wallet.
227	Authentication impossible.

Category Technical information.

■ vads_payment_option_code

Description Code of the used payment option.

Input and output field, returned in the response (IPN and Return URL).

Format an..5

Error code 103

Category Transaction details

■ vads_payment_seq

Description	Details of performed transactions.
	Output field, returned in the response (IPN and Return URL).
Format	json

The **vads_payment_seq** field (json format) describes the split payment sequence. It contains:

- **"trans_id"**: transaction identifier used for the entire payment sequence.

- **"transaction"**: transaction table of the sequence. It contains:

Field name	Description
amount	Amount of the payment sequence.
operation_type	Debit transaction.
auth_number	Authorization number. Will not be returned if not applicable to the used payment method. Example: 949478
auth_result	Return code of the authorization request.
capture_delay	Delay before the capture (in days). • For a payment by card, this parameter is the requested capture date (ISO 8601 format). If not sent in the payment form, the value defined in the Expert Back Office will be used.
card_brand	Used payment method. For a payment by card (e.g. CB or Visa or MasterCard co-branded CB cards), this parameter is set to **"CB"**. See the Payment Gateway Implementation Guide available in our online documentation archive to see the complete list of card types.
card_number	Payment method number.
expiry_month	Expiry month of the payment method.
expiry_year	Expiry year of the payment method.
payment_certifica	Payment certificate.
contract_used	Contract used for the payment.
identifier	Unique identifier (token) associated with a payment method.
identifier_status	Only present if the requested action is token creation or update. Possible values: *(see table below)*

Value	Description
CREATED	The authorization request has been accepted. The token (or UMR for SEPA payment) has been successfully created.
NOT_CREATED	The authorization request has been declined. The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.
UPDATED	The token (or UMR for SEPA payment) has been successfully updated.
NOT_UPDATED	The token (or UMR for SEPA payment) has not been updated.
ABANDONED	The action has been abandoned by the buyer (debtor). The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.

Field name	Description
presentation_date	For a payments by card, this parameter is the requested capture date (ISO 8601 format).
trans_id	Transaction number.
ext_trans_id	This field is not sent for credit card payments.
trans_uuid	Unique reference generated by the payment gateway after the creation of a payment transaction. Guarantees that each transaction is unique.
extra_result	Numeric code of the risk assessment result.<table><tr><th>Code</th><th>Description</th></tr><tr><td>Empty</td><td>No verification completed.</td></tr><tr><td>00</td><td>All the verification processes have been successfully completed.</td></tr><tr><td>02</td><td>Credit card velocity exceeded.</td></tr><tr><td>03</td><td>The card is on the Merchant's greylist.</td></tr><tr><td>04</td><td>The country of origin of the card is on the Merchant's greylist.</td></tr><tr><td>05</td><td>The IP address is on the Merchant's greylist.</td></tr><tr><td>06</td><td>The BIN code is on the Merchant's greylist.</td></tr><tr><td>07</td><td>Detection of an e-carte bleue.</td></tr><tr><td>08</td><td>Detection of a national commercial card.</td></tr><tr><td>09</td><td>Detection of a foreign commercial card.</td></tr><tr><td>14</td><td>Detection of a card that requires systematic authorization.</td></tr><tr><td>20</td><td>Relevance verification: countries do not match (country IP address, card country, buyer's country).</td></tr><tr><td>30</td><td>The country of the this IP address is on the greylist.</td></tr><tr><td>99</td><td>Technical issue encountered by the server during a local verification process.</td></tr></table>
sequence_number	Sequence number.
trans_status	Status of the transaction.

Table 1: JSON object content

<u>Note</u>: canceled transactions also appear in the table (information provided in the JSON trans_status parameter).

Category   Transaction details.

■ vads_payment_src

Description   Allows to define the entry mode of payment method details.

Input and output field, returned in the response (IPN and Return URL).

Format   enum

Error code   60

Possible values

Value	Description
EC	E-commerce: Data entry on the payment page by the cardholder.
MOTO	MAIL OR TELEPHONE ORDER: Entry made by an operator. Payment method details are transmitted by post or by e-mail.
CC	Call center: Entry made by a call center operator.

Value	Description
OTHER	Another sales channel. Returned output value for payments made via the Expert Back Office, payments by file, recurring payments, proximity payments, refunds via the Shopify CMS.
Missing or empty	The payment is made in e-commerce (**EC**) mode.

Only the **EC** value allows to create a transaction with 3D Secure.

The other values must only be used for distance sales, where 3D Secure is not applicable.

Category	Transaction details.

■ vads_pays_ip

Description	Buyer's country code and the IP address in the ISO 3166 format.
	Output field, returned in the response (IPN and Return URL).
Format	a2
Category	Buyer details.

■ vads_presentation_date

Description	• Date and time in UTC format of requested capture in the bank, in YYYYMMDDHHMMSS format.
	or
	• Date and time in UTC format of an installment requested as part of the SEPA direct debit.
	Output field, returned in the response (IPN and Return URL).
Format	n14
Category	Transaction details.

■ vads_pretax_amount

Description	Allows to define the **pre-tax** amount of the whole order.
	The value must be specified in the smallest currency unit (cents for euro).
	Output field, returned in the response (IPN and Return URL).
Format	n..12
Category	Order details.

■ vads_product_amountN

Description	Allows to define the amount of each item in the cart.
	N corresponds to the reference of the article (0 for the first item, 1 for the second item, etc.).
	The amount is expressed in the smallest currency unit
	The payment form will be rejected in the following cases:
	• a negative amount [vads_product_amountN=-100],
	• an amount with decimals or points [vads_product_amountN=100.50]

Input field.

Format	n..12
Error code	102
Category	Order details.

■ vads_product_ext_idN

Description	Corresponds to the product barcode on the merchant's website.
	N corresponds to the reference of the article (0 for the first item, 1 for the second item, etc.).
	Field transmitted to the Konduto fraud analyzer.
	Input field.
Format	an..100
Error code	120
Category	Order details.

▪ **vads_product_labelN**

Description	Allows to define the label of each item in the cart.
	N corresponds to the reference of the article (0 for the first item, 1 for the second item, etc.).

> ⚠️ Depending on the payment method, certain restrictions can change the format. Please see the technical documentation specific to the payment method for more details.

> ℹ️ For Oney payments, the field is mandatory and the format is an..127.

Input field.

Format	ans..255
Error code	97
Category	Order details.

▪ **vads_product_qtyN**

Description	Allows to define the quantity of each item in the cart.
	N is an integer that corresponds to the index of the item (0 for the first item, 1 for the second item, etc.).

Input field.

Format	n..12
Error code	101
Category	Order details.

▪ **vads_product_refN**

Description	Allows to define the reference of each item in the cart.
	N corresponds to the reference of the article (0 for the first item, 1 for the second item, etc.).

Input field.

Format	an..64
Error code	100
Category	Order details.

■ vads_product_typeN

Description	Allows to define the type of each item in the cart.
	N corresponds to the reference of the article (0 for the first item, 1 for the second item, etc.).
	Input field.
Format	enum
Error code	98

Possible values

Value	Description
FOOD_AND_GROCERY	Food and grocery
AUTOMOTIVE	Cars / Moto
ENTERTAINMENT	Entertainment / Culture
HOME_AND_GARDEN	Home / Gardening
HOME_APPLIANCE	Household appliances
AUCTION_AND_GROUP_BUYING	Auctions / Group purchasing
FLOWERS_AND_GIFTS	Flowers / Presents
COMPUTER_AND_SOFTWARE	Computers / Software
HEALTH_AND_BEAUTY	Health / Beauty
SERVICE_FOR_INDIVIDUAL	Services for individuals
SERVICE_FOR_BUSINESS	Services for companies
SPORTS	Sports
CLOTHING_AND_ACCESSORIES	Clothes / Accessories
TRAVEL	Travel
HOME_AUDIO_PHOTO_VIDEO	Audio / Photo / Video
TELEPHONY	Telephony

Category	Transaction details.

■ vads_product_vatN

Description	Allows to define the tax for each item in the cart.
	N corresponds to the reference of the article (0 for the first item, 1 for the second item, etc.).
	Input field.
Format	n..12
Error code	203

Possible values

- **An integer without a decimal separator**

  To display an amount in cents applied to the product in question.

  E.g.: 4525 for EUR 45.25

- **A decimal number lower than 100**

  To display a percentage applied to the payment amount for the product in question with maximum 4 digits after the decimal point.

  Examples: 20.0 or 19.6532

  Notes:

  - *The decimal separator is mandatory for displaying a percentage.*

  - *The decimal separator is represented by the "." symbol.*

Category	Order details.

◼ vads_proof_of_id_number

Description	Field reserved to the entry of the buyer's ID number on the payment page.
	The format depends on the ID type and allows 7 to 13 characters, digits, letters and/or points.
	In Latin America, this parameter is required for DECIDIR.
	Input field.
Format	an..13
Error code	129
Category	Buyer details.

◼ vads_proof_of_id_type

Description	Field reserved for Latin America.
	This field allows to pre-fill the buyer's ID type that is required for the payment.
	The value to transmit depends on the acquirer.
	Input field.
Format	enum

Possible values

Country	Value	Description
Argentina	DNI	Documento Nacional de Identidad
Brasil	CNPJ	Cadastro Nacional da Pessoa Jurídica
	CPF	Cadastro de Pessoas Físicas
Colombia	CC	Cédula de Ciudadania
	TI	Tarjeta de Identidad
	CE	Cédula de Extranjeria
	NI	Número de Identificación Tributaria
	PS	Pasaporte
	RN	Registro Civil de Nacimiento
	DE	Documenta de Identificacion Extranjero
	TE	Tarjeta de Extranjeria
Peru	DNI_PER	Documento National de Identidad
	PAR	Partida de Nacimiento
	PAS	Pasaporte
	LMI	Libreta Militar
	NAN	Otro

Error code	128
Category	Buyer details.

◼ vads_recurrence_number

Description	Recurrence number of the subscription
	Output field, returned in the response (IPN and Return URL).

Format	n..2
Category	Subscription details.

■ vads_recurrence_status

Description	Recurring payment status.
	Appears only if the requested action concerns creating or updating a recurring payment (REGISTER_SUBSCRIBE, SUBSCRIBE, REGISTER_PAY_SUBSCRIBE, REGISTER_UPDATE_PAY).
	Output field, returned in the response (IPN and Return URL).
Format	string

Possible values

Value	Description
CREATED	The recurring payment has been successfully created.
	The recurring payment details are visible in the Expert Back Office.
NOT_CREATED	The recurring payment has not been created and cannot be viewed in the Expert Back Office.
ABANDONED	The request for creating a recurring payment has been abandoned by the buyer (debtor).
	The recurring payment has not been created and cannot be viewed in the Expert Back Office.

Category	Information about the subscription.

■ vads_redirect_error_message

Description	Allows to define the message that will appear before automatic redirection to the merchant website if the payment has been declined.
	Input field.
Format	ans..255
Error code	37
Category	Redirection to the merchant website.

■ vads_redirect_error_timeout

Description	Allows to define a delay in seconds before an automatic redirection to the merchant website at the end of a declined payment.
	The value of the field is between **0** and **300** s.
	After this delay, the buyer will be redirected to the URL populated in the **vads_url_refused** field. If the parameter is not populated, the buyer will be redirected to the return URL entered in the **vads_url_return** field or to the return URL entered in the Expert Back Office. If the return URL is not set, the buyer will be redirected to the merchant website.
	Input field.
Format	n..3
Error code	36
Category	Redirection to the merchant website.

■ vads_redirect_success_message

Description	Allows to specify the message that will appear upon automatic redirection to the merchant website.
	Input field.
Format	ans..255
Error code	35
Category	Redirection to the merchant website.

■ vads_redirect_success_timeout

Description	Allows to define a delay in seconds before an automatic redirection to the merchant website at the end of an accepted payment.
	Its value is between 0 and 300s.
	After this delay, the buyer will be redirected to the URL populated in the **vads_url_success** field. If the parameter is not populated, the buyer will be redirected to the return URL entered in the **vads_url_return** field or to the return URL entered in the Expert Back Office. If the return URL is not set, the buyer will be redirected to the merchant website.
	Input field.
Format	n..3
Error code	34
Category	Redirection to the merchant website.

■ vads_requestor

Description	Allows to modify the value of the "**Aceite**" field for a Boleto Bancario.
	The **Aceite** field can have two values:
	• **N** (= No)
	Default value
	The boleto has been generated without an official authorization of the buyer by means of a signed document.
	• **S** (= Yes)
	The buyer's authorization is mandatory as the signed document will serve as evidence of debt.
	Input and output field, returned in the response (IPN and Return URL).
Format	enum
Possible values	• BANK
	Means that the **S** (= Yes) value will be applied in the **Aceite** field.
	• MERCHANT
	Means that the **N** (= No) value will be applied in the **Aceite** field.
Category	Transaction details.

■ vads_result

Description	Return code of the requested action.
	Output field, returned in the response (IPN and Return URL).
Format	n2
Possible values	

Value	Description
00	Action successfully completed.
05	Action rejected.
17	Action cancelled by buyer.
30	Format error in merchant request. The transaction has been created. For more information, please see the vads_extra_result field .
96	Action refused due to technical error.

Category	Technical information.

■ vads_return_mode

Description	Allows to specify the data transmission method used while returning to the merchant website.
	Input field.
Format	enum
Error code	48
Possible values	

Field name	Value	Description
vads_return_mode	absent, empty or **NONE**	No parameters will be transmitted to the Return URL.
	GET	The return fields will be transmitted to the return URL in an HTTP GET form (in the "query string").
	POST	The return fields will be transmitted to the return URL in an HTTP POST form. If the return to the shop in done from an environment **other than https**, a security pop-up message will be displayed to the buyer.

Category	Redirection to the merchant website.

■ vads_risk_analysis_result

Description	Returns the result of the risk management process performed by an external system (Konduto, ClearSale, Cybersource, NOTO, etc.).
	Output field, returned in the response (IPN and Return URL).
Format	ans

Possible values

Values common to all risk analyzers	
INVALID_CREDENCIAL	Configuration problem of the risk management contract.
COMUNICATION_PROBLEM	Impossible to connect to the risk analyzer.
DATA_PROCESSING_PROBLEM	Problem occurred when processing the data being transmitted or the response of the risk management system.
MISSING_MANDATORY_ORDER_INFO	Order details are missing.
MISSING_MANDATORY_SHIPPING_INFO	Shipping details are missing.
MISSING_MANDATORY_SHIPPING_ADDRESS_	Shipping address details are missing.
MISSING_MANDATORY_BILLING_INFO	Billing details are missing.
MISSING_MANDATORY_BILLING_ADDRESS_IN	Billing address details are missing.
MISSING_MANDATORY_CARD_INFO	Payment method details are missing.
MISSING_MANDATORY_CUSTOMER_INFO	Buyer details are missing.

Values returned by ClearSale	
APA	The transaction is automatically approved according to the defined parameters.
APM	The transaction is manually approved by an analyst.
RPM	The order is reproved due to missing information related to the buyer in conformity with the policy in force.
AMA	Waiting for manual analysis. The order is waiting to be analyzed.
ERR	Error
NVO	New order. Waiting to be processed and classified.
SUS	Order manually suspended. The order is suspended for suspected fraud.
CAN	Order is canceled. The order has been canceled by the buyer.
FRD	Fraud confirmed by the credit card operator or the cardholder.
RPA	Order automatically declined. The order has been automatically declined in accordance with the parameters of the external risk analyzer.
RPP	Order automatically declined. The order is reproved based on the customer or ClearSale policy.

Category	Transaction details.

■ vads_risk_assessment_result

Description

Returns the list of actions performed on the transaction, following the activation of the advanced risk assessment activated in the Expert Back Office.

When triggering multiple rules, the **vads_risk_assessment_result** field will consist of multiple keywords separated by a ";".

Example:

vads_risk_assessment_result="ENABLE_3DS;MANUAL_VALIDATION"

Output field, returned in the response (IPN and Return URL).

Format   ans

Possible values

Values	Description
ENABLE_3DS	• The risk module has requested an authentication with cardholder interaction (challenge).
DISABLE_3DS	• The risk module has requested an authentication without cardholder interaction (frictionless).
NO_PREFERENCE	• The risk module has requested 3DS authentication. The choice of the preference is transferred to the card issuer.
NO_CHALLENGE_REQUESTED	• The risk module has requested an authentication without cardholder interaction (frictionless).
CHALLENGE_REQUESTED	• The risk module has requested an authentication with cardholder interaction (challenge).
CHALLENGE_MANDATE	• The risk module has requested an authentication with cardholder interaction (challenge for regulatory reasons) for regulatory reasons.
MANUAL_VALIDATION	• The transaction has been created via manual validation. • The payment capture is temporarily blocked to allow the merchant to perform all the desired verification processes.
REFUSE	• The transaction is refused.
RUN_RISK_ANALYSIS	• Call to an external risk analyzer if the Merchant has a contract. Refer to the FraudManagement.RiskAnalysis object in TransactionDetails field to identify the list of possible values and their description.
INFORM	• A warning message appears. • The Merchant is notified that a potential problem has been identified. • The Merchant is informed via one or several notification center rules (Instant Payment Notification (IPN), e-mail or SMS).

Category   Transaction details

◾ vads_risk_control

Description

Allows to define the result of the risk management process.

Output field, returned in the response (IPN and Return URL).

Format

control1=result1;control2=result2

Possible values

Value	Description
CARD_FRAUD	Verifies whether the cardholder's card number is on the card greylist.
SUSPECT_COUNTRY	Verifies whether the cardholder's card number is on the list of forbidden countries.
IP_FRAUD	Verifies whether the cardholder's IP address is on the IP greylist.
CREDIT_LIMIT	Verifies the purchase frequency and amounts for the same card number, or the maximum amount of an order.
BIN_FRAUD	Verifies whether the BIN code of the card is on the greylist for BIN codes.
ECB	Verifies whether the buyer's card is an "e-carte bleue".
COMMERCIAL_CARD	Verifies whether the buyer's card is a corporate credit card.
SYSTEMATIC_AUTO	Verifies whether the buyer's card is a MAESTRO or VISA ELECTRON credit card.
INCONSISTENT_COUNTRIES	Verifies whether the country of the IP address, the country of the payment card and the country of residence of the buyer match.
NON_WARRANTY_PAYMENT	Verifies the liability shift of the transaction.
SUSPECT_IP_COUNTRY	Verifies whether the cardholder's country, identified by his/her IP address, is on the list of forbidden countries.

The possible values for **result** are:

Value	Description
OK	OK
WARNING	Informational control failed
ERROR	Blocking control failed

Category

Transaction details

◾ vads_sequence_number

Description

Transaction sequence number.

Case of single payment (vads_payment_config=SINGLE)

vads_sequence_number is populated with 1 in case of single payment.

However, if the merchant has authorized several payment attempts after a rejected payment, the sequence number will be incremented upon each new attempt.

*The number of additional attempts after a rejected payment can be configured via the Expert Back Office (menu **Settings** > **Shop** > **Configuration**).*

If **vads_payment_config = SINGLE**:

vads_url_check_src	vads_sequence_num	Description
PAY	1	Payment made in 1 attempt
	2	Payment made in 2 attempts
	3	Payment made in 3 attempts
BATCH_AUTO	1	Deferred payment made in 1 attempt
	2	Deferred payment made in 2 attempts
	3	Deferred payment made in 3 attempts

Case of installment payment (vads_payment_config=MULTI)

With the application of Soft Decline, the **vads_sequence_number** field no longer allows to easily identify the first installment of a payment in installments.

To identify the first payment of a series, view the description of the **vads_occurrence_type** field.

Case of a cascading payment (vads_card_brand=MULTI)

In case of a cascading payment (the cart items are paid with several payment methods), the **vads_sequence_number** field is always set to **0**.

The **vads_payment_seq** field describes each transaction in a table in JSON format.

The **transaction[x].sequence_number** attribute takes the same values as the **vads_sequence_number** field, as described for the case of single payment.

Note:

The **vads_sequence_number** field is not returned in the response when a payment is canceled or abandoned.

Output field, returned in the response (IPN and Return URL).

Category	Transaction details.

■ vads_ship_to_city

Description	Allows to specify the city for shipping.
	Input and output field, returned in the response (IPN and Return URL).
Format	an..128
Error code	83
Category	Shipping details.

■ vads_ship_to_country

Description	Allows you to specify the buyer's country code in the ISO 3166 standard.
	Input and output field, returned in the response (IPN and Return URL).
Format	a2
Error code	86

Examples of possible values

Code	Country	Code	Country
AT	Austria	GP	Guadeloupe
CI	Ivory Coast	MQ	Martinique
DE	Germany	NC	New Caledonia
ES	Spain	PF	French Polynesia
FR	France	PM	St. Pierre and Miquelon
FR	Corsica	US	United States of America

Category	Shipping details.

■ vads_ship_to_delay

Description	Allows to define the speed depending on the shipping method when **vads_ship_to_speed** is set to **PRIORITY**.
	Input field.
Format	enum
Error code	127

Possible values

- **INFERIOR_EQUALS** for a shipping delay inferior or equal to 1 hour.
- **SUPERIOR** for a shipping delay exceeding 1 hour.
- **IMMEDIATE** for an immediate shipping.
- **ALWAYS** for a 24/7 shipping delay.

Category	Shipping details.

■ vads_ship_to_delivery_company_name

Description	Allows to define the name of the transporter.
	Input field.
Format	ans..127
Error code	96
Category	Shipping details.

■ vads_ship_to_district

Description	Allows to define the shipping district.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..127
Error code	115
Category	Shipping details.

■ vads_ship_to_first_name

Description	Allows to specify the buyer's first name.
	Input field.
Format	ans..63
Error code	106
Category	Shipping details.

■ vads_ship_to_last_name

Description	Allows to specify the buyer's last name.
	Input field.
Format	ans..63
Error code	107
Category	Shipping details.

■ vads_ship_to_legal_name

Description	Company name of the shipping location.
	Input and output field, returned in the response (IPN and Return URL).
Format	an..100
Error code	125
Category	Shipping details.

■ vads_ship_to_name

Description	Allows to specify the buyer's last name.
	Deprecated. Please use **vads_ship_to_first_name** and **vads_ship_to_last_name** fields.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..63
Error code	80
Category	Shipping details.

■ vads_ship_to_phone_num

Description	Allows to specify buyer's phone number used for shipping.
	Accepts all formats:
	Examples:

- 0123456789
- +33123456789
- 0033123456789
- (00.571) 638.14.00
- 40 41 42 42

Input and output field, returned in the response (IPN and Return URL).

Format	ans..32
Error code	87
Category	Shipping details.

DATA DICTIONARY

- 96 / 130

■ vads_ship_to_speed

Description	Allows to specify the shipping mode.
	Input field.
Format	enum
Error code	95
Possible values	• **STANDARD** (Specific to 3x 4x Oney)
	• **EXPRESS** (Specific to 3x 4x Oney)
	• **PRIORITY** (Specific to 3x 4x Oney)

<u>*Note:*</u>

*The use of **PRIORITY** as a value implies that the **vads_ship_to_delay** field will be used.*

Category	Shipping details.

■ vads_ship_to_status

Description	Allows to specify the type of the shipping address.
	Input and output field, returned in the response (IPN and Return URL).
Format	enum
Error code	93
Possible values	**PRIVATE**, **COMPANY**
Category	Shipping details.

■ vads_ship_to_state

Description	Allows to specify the buyer's state for shipping.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..127
Error code	84
Category	Shipping details.

◾ vads_ship_to_street

Description	Allows to specify the buyer's address.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
	Note: *The > and < special characters are not authorized.*
Error code	81
Category	Shipping details.

◾ vads_ship_to_street2

Description	Allows to specify the second line of the buyer's address.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
	Note: *The > and < special characters are not authorized.*
Error code	82
Category	Shipping details.

◾ vads_ship_to_street_number

Description	Allows to specify the shipping street number.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..64
Error code	114
Category	Shipping details.

◾ vads_ship_to_type

Description	Allows to specify the shipping type.
	Input field.
Format	enum
Error code	94
Possible values	

- **RECLAIM_IN_SHOP** for picking up the item at the shop.
- **RELAY_POINT** for using a third-party pick-up network (Kiala, Alveol, etc.).
- **RECLAIM_IN_STATION** for picking up the item at an airport, a guard or a travel agency.
- **PACKAGE_DELIVERY_COMPANY** for shipping by the transporter (Colissimo, UPS, etc.).
- **ETICKET** for sending an electronic ticket, download.
- **CARD_HOLDER_ADDRESS** : Delivery to the buyer.
- **VERIFIED_ADDRESS** : Delivery to a verified address (Delivery address and billing address are identical).
- **NOT_VERIFIED_ADDRESS** : Delivery to an unverified address (different delivery and billing address).
- **SHIP_TO_STORE** : In-store delivery.

- **DIGITAL_GOOD** : Digital delivery.

- **ETRAVEL_OR_ETICKET** : E-ticket.

- **OTHER** : Other.

- **PICKUP_POINT** : Pick-up point delivery.

- **AUTOMATED_PICKUP_POINT** Withdrawal at an automated pickup point.

Category	Shipping details.

■ vads_ship_to_user_info

Description	Information about the user who made the payment.
	This parameter will be returned with the response and will include the value transmitted in the request.
	Note:
	*For backward compatibility, it is possible to use this field to set the CPF/CNPJ (legal identifier in a numeric format between 11 and 20 digits long) required by the ClearSale risk management module. However, **vads_cust_national_id** field can be used.*
	The input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	116
Category	Shipping details.

■ vads_ship_to_zip

Description	Allows to specify the buyer's postal code.
	Input and output field, returned in the response (IPN and Return URL).
Format	an..64
Error code	85
Category	Shipping details.

■ vads_shipping_amount

Description	Allows to transmit the shipping fees for the whole order.
	Input field.
Format	n..12
Error code	109
Category	Shipping details.

■ vads_shop_name

Description	Allows to define the shop name as it appears in the summary at the end of payment, the receipt and the payment confirmation e-mails.
	The input and output field, returned in the response (IPN and Return URL).
Format	ans..127
Error code	72
Category	Customization of the payment page.

■ vads_shop_url

Description	URL that appears on the payment page and in payment confirmation e-mails.
	This setting overrides the default value of your shop.

Input and output field, returned in the response (IPN and Return URL).

Format	ans..1024
Error code	73
Category	Customization of the payment page.

■ vads_site_id

Description	Mandatory parameter.
	Value generated during the subscription to the payment gateway.
	Its value can be seen in the interface of the Expert Back Office via **Settings** > **Shop** > **Keys** by all authorized individuals.
	If the value is incorrect, the buyer will get an error message in their browser when making the payment.
	It becomes impossible to make the payment and the transaction is definitively lost.
	A warning e-mail is then sent to the shop administrator. It contains the form that the gateway was unable to process with the value of the signature.
	Input and output field, returned in the response (IPN and Return URL).
Format	n8
Error code	02
Category	Technical informations.

■ vads_subscription

Description	Optional parameter used for creating a recurring payment. It designates the ID of the recurring payment ID to create.
	There are two choices:
	• The payment gateway manages the IDs.
	In this case, this parameter must not be populated.
	In case the subscription is successfully created, the response will contain the value generated by the payment gateway.
	• The merchant website manages the IDs.
	In this case, this parameter must be populated with the desired value of the subscription ID.
	There is no uniqueness check on the subscription ID.
	When creating a subscription, the merchant site can fill **vads_subscription** with an already existing value.
	It is possible to create multiple subscriptions, associated with the same token, with the same subscription ID.
	Input and output field, returned in the response (IPN and Return URL).
Format	Two possible formats:
	• **an32**: when the identifier is generated by the gateway
	• **ans..50**: when the identifier is generated by the merchant
Error code	63

Category   Recurring payment details.

■ vads_sub_amount

Description	Mandatory parameter used for creating a recurring payment.
	It refers to the amount of each installment except the ones that will be defined by **vads_sub_init_amount_number**.
	<u>The value cannot be negative, empty, or equal to 0.</u>
	<u>The value must be expressed in the smallest currency unit .</u>
	<u>Example</u>: for a transaction of 10 euros and 28 cents, the value of the parameter is 1028.
	Input field.
Format	n..12
Error code	65
Category	Information about the subscription.

■ vads_sub_currency

Description	Mandatory parameter used for creating a recurring payment.
	It indicates the currency to use for the recurring payment, in compliance with the ISO 4217 standard.
	Input and output field, returned in the response (IPN and Return URL).
Format	n3
Examples of possible values	The possible currencies are:

Currency	ISO 4217 encoding	Number of digits after the decimal point
Australian Dollar (AUD)	036	2
Canadian Dollar (CAD)	124	2
Danish Crown (DKK)	208	2
Japanese Yen (JPY)	392	0
Norwegian Crown (NOK)	578	2
Swedish Crown (SEK)	752	2
Swiss Franc (CHF)	756	2
Pound Sterling (GBP)	826	2
US Dollar (USD)[*]	840	2
Euro (EUR)	978	2

Error code	67
Category	Information about the subscription.

■ vads_sub_desc

Description	Mandatory parameter used for creating a recurring payment.
	It designates the recurring payment rule to be applied.
	The expected value for this parameter is a chain of characters that comply with the **iCalendar** (Internet Calendar) specification, described in RFC5545 (see http://tools.ietf.org/html/rfc5545).
	Among other aspects, this specification allows to define complex recurring payment rules via the **RRULE** property.

For technical reasons, it is not possible to define recurring payment periods that are shorter than one day.

The keywords "SECONDLY" / "MINUTELY" / "HOURLY" are not taken into account.

Examples:

- To program installment payments taking place on the last day of each month for 12 months, the rule is:

  RRULE:FREQ=MONTHLY;BYMONTHDAY=28,29,30,31;BYSETPOS=-1;COUNT=12

  This rule means that if the current month does not have 31 days, the machine will take the 30th into account. If there is no 30th day in a month, the machine will take the 29th into account, and so on until the 28th.

  Another version of this rule: **RRULE:FREQ=MONTHLY;COUNT=5;BYMONTHDAY=-1**

- To program installment payments on the 10th of each month for 12 months, the rule is: **RRULE:FREQ=MONTHLY;COUNT=12;BYMONTHDAY=10**

- To program installment payments every three months up to December 31st, 2016. **RRULE:FREQ=YEARLY;BYMONTHDAY=-1;BYMONTH=1,4,7,10;UNTIL=20161231**

  The installment payments will be due on the first day of January, April, July and October each year. The total number of installments depends on the recurring payment start date (see **vads_sub_effect_date** parameter).

- In order to define a weekly recurring payment to be made every Monday: **RRULE:FREQ=WEEKLY;BYDAY=MO**

  The installments will be made every Monday. Note that the first installment will occur the nearest Monday.

- In order to define a weekly recurring payment: **RRULE:FREQ=WEEKLY**

  The installments will occur on the same day if the due date is set to "today", then every 7 days.

- In order to define a recurring payment every two weeks on Monday, with maximum 4 installments: **RRULE:FREQ=WEEKLY;INTERVAL=2;COUNT=4;BYDAY=MO**

- In order to define a recurring payment every two weeks, on the same day and every 7 days: **RRULE:FREQ=WEEKLY;INTERVAL=2;**

- For more information and examples, visit http://recurrance.sourceforge.net/.

Input and output field, returned in the response (IPN and Return URL).

Format	string
Error code	64
Category	Recurring payment details.

▪ vads_sub_effect_date

Description	Subscription start date (or effective date) in the UTC time zone, in **YYYYMMDD** format.
	Mandatory parameter used for creating a recurring payment.
	This parameter does not always match with the date of the first installment that depends only on the **vads_sub_desc** parameter.
	Example: for 1 February 2015, use 20150201.
	Input and output field, returned in the response (IPN and Return URL).
Format	n8
Error code	69
Category	Subscription details.

▪ vads_sub_init_amount

Description	Optional parameter used for creating a subscription. Represents the amount of the <u>first installments</u> of the recurring payment.
	The number of these first installments is defined by the **vads_sub_init_amount_number** parameter.
	This amount is presented in the currency defined by the **vads_sub_currency** parameter and is <u>expressed in its smallest unit</u> .
	<u>The value may be empty but cannot be negative or equal to 0.</u>
	Input and output field, returned in the response (IPN and Return URL).
Format	n..12
Error code	66
Category	Subscription details

▪ vads_sub_init_amount_number

Description	Optional parameter used for creating a recurring payment. Number of installments for which the **vads_sub_init_amount** should be applied.
	Once these installments will have expired, the **vads_sub_amount** field will be used.
	Example: to define a recurring payment with the first 3 installments of EUR 45.25 , and the rest of the installments of EUR 75.90, the following values will be used:
	• vads_sub_currency = 978
	• vads_sub_init_amount_number = 3
	• vads_sub_init_amount = 4525
	• vads_sub_amount = 7590
	Input and output field, returned in the response (IPN and Return URL).
Format	n..3
Code erreur	68
Category	Information about the subscription.

■ vads_submerchant_address

Description	Address of the sub-merchant. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	180
Category	Sub-merchant details.

■ vads_submerchant_address2

Description	Address line 2 of the sub-merchant. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	181
Category	Sub-merchant details.

■ vads_submerchant_city

Description	City of the sub-merchant. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..128
Error code	183
Category	Sub-merchant details.

■ vads_submerchant_company_type

Description	Company type of the sub-merchant. Transmitted by the payment facilitator. This field is used to specify which type the Legal Number corresponds to.
	Different rules may apply depending on the purchaser.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	188
Category	Sub-merchant details.

■ vads_submerchant_country

Description	Country of the sub-merchant's address (ISO 3166 alpha-2 standard). Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	a2
Error code	184
Category	Sub-merchant details.

■ vads_submerchant_facilitatorId

Description	Payment Facilitator ID. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..128
Error code	192
Category	Sub-merchant details.

■ vads_submerchant_legal_number

Description	Legal Entity Identifier of the sub-merchant according to the field vads_submerchant_company_type . Transmitted by the payment facilitator.
	The identifier depends on the country of the sub-merchant.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..24
Error code	189
Category	Sub-merchant details.

■ vads_submerchant_mcc

Description	Merchant Category Code of the sub-merchant. Transmitted by the payment facilitator.
	Allows to identify the activity of the sub-merchant.
	Input and output field, returned in the response (IPN and Return URL).
Format	n4
Error code	185
Category	Sub-merchant details.

■ vads_submerchant_mid

Description	Acquirer contract number (MID) of the sub-merchant. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	n..50
Error code	186
Category	Sub-merchant details.

■ vads_submerchant_name

Description	Legal name of the sub-merchant. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	177

Category	Sub-merchant details.

■ vads_submerchant_phone

Description	Phone number of the sub-merchant. Transmitted by the payment facilitator.
	Accepts all formats:
	Examples:
	• 0123456789
	• +33123456789
	• 0033123456789
	• (00.571) 638.14.00
	• 40 41 42 42
	Input and output field, returned in the response (IPN and Return URL).
Format	an..32
Error code	179
Category	Sub-merchant details.

■ vads_submerchant_soft_descriptor

Description	(soft descriptor) of the sub-merchant that appears on the buyer's bank statement. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..255
Error code	187
Category	Sub-merchant details.

■ vads_submerchant_state

Description	Region of the sub-merchant address. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..128
Error code	191
Category	Sub-merchant details.

■ vads_submerchant_url

Description	URL of the sub-merchant. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..1024
Error code	178
Category	Sub-merchant details.

vads_submerchant_zip

Description	Zip code of the sub-merchant. Transmitted by the payment facilitator.
	Input and output field, returned in the response (IPN and Return URL).
Format	an..64
Error code	182
Category	Sub-merchant details.

vads_tax_amount

Description	Parameter that allows to define the amount of taxes for the entire order.
	The value must be specified in the smallest currency unit (cents for euro).
	Input and output field, returned in the response (IPN and Return URL).
Format	n..12
Error code	108
Category	Order details.

vads_tax_rate

Description	Allows to define the tax rate (VAT) applied to the order.
	The value must be expressed in XX.XX format, with a **dot** as the separator and without the **%** suffix.
	Example: "19.00" for 19%.
	Input and output field, returned in the response (IPN and Return URL).
Format	XX.XX
Error code	153
Category	Order details.

vads_tax_refund_amount

Description	This field is used in Uruguay and it corresponds to the tax credit amount allocated to the merchant for the transaction.
	The value is specified in the smallest currency unit (cents for euro).
	The field is present only if the acquirer returns this information.
	Output field, returned in the response (IPN and Return URL).
Format	n..12
Category	Transaction details.

vads_theme_config

Description	Allows to personalize certain elements on the payment page, such as the custom template to be used, the button labels and some messages.
	This parameter provides a list of keywords (codes), each associated with a value, that correspond to elements on payment pages.

Example:

```
vads_theme_config="SUBMIT_BUTTON_LABEL=PAY;TICKET_LABEL=PAYMENT RECEIPT"
```

See *Back Office user manual - Advanced customizationfor more details on payment page personalization.*

Input field.

Format	map
Error code	32

Possible values

Code	Description
Features	
RESPONSIVE_MODEL	Allows to override the custom template to be applied to the payment pages. Example of use: `vads_theme_config="RESPONSIVE_MODEL=Model_1"` The use of custom templates requires the activation of the "Advanced customization" option.
RESPONSIVE_MAIL_MODEL	Allows to override the custom template to be used for e-mails. Example of use: `vads_theme_config="RESPONSIVE_MAIL_MODEL=Model_1"` The use of custom templates requires the activation of the "Advanced customization" option.
HIGH_CONTRAST_MODE	Allows to enable the high contrast mode to enhance color contrast and display the payment page in black and white. Possible values: "**true**" or "**false**". Example of use: `vads_theme_config="HIGH_CONTRAST_MODE=true"`
SIMPLIFIED_DISPLAY	Allows to reduce the volume of data to be loaded during the display of the payment page. Deletes the language and logo selector from the footer. Recommended for iframe and In-app integrations. Possible values: "**true**" or "**false**". Example of use: `vads_theme_config="SIMPLIFIED_DISPLAY=true"`
FORM_TARGET	Allows to define or display the return page at the end of payment. Possible values: • _blank: in a new window or a new tab • _self: in the current frame • _parent: in the parent frame • _top: on the whole page • *framename*: in a specified frame Example of use: `vads_theme_config="FORM_TARGET=_top"`

Code	Description
3DS_LOGOS	Allows to mask the "Verified By Visa" and "Mastercard Secure Code" logos on the card detail entry page. Possible values: "**true**" or "**false**". Example of use: `vads_theme_config="3DS_LOGOS=false"`
Button labels	
SUBMIT_BUTTON_LABEL	Allows to edit the label of the "VALIDATE" button. Example of use: `vads_theme_config="SUBMIT_BUTTON_LABEL=PAY"`
CANCEL_FOOTER_MSG_RETURN	The label of the "Cancel and return to the shop" button on the page of payment method selection, the card detail entry page, and the result page in case of payment failure. Example of use: `vads_theme_config="CANCEL_FOOTER_MSG_RETURN=CANCEL"`
SUCCESS_FOOTER_MSG_RETURN	The label of the "Return to the shop" button on the result page in case of successful payment. Example of use: `vads_theme_config="SUCCESS_FOOTER_MSG_RETURN=RETURN"`
TICKET_LABEL	The label of the "RECEIPT" button on the result page in case of successful payment. Example of use: `vads_theme_config="TICKET_LABEL=PAYMENT RECEIPT"`
Messages	
MERCHANT_ MESSAGE	Allows to display a message above the transaction summary. Requires for the **Display a custom message** checkbox to be checked via **Settings** > **Customization** > **Payment pages** tab > **Logo** group. Example of use: `vads_theme_config="MERCHANT_MESSAGE=Transaction summary"`
SECURE_ MESSAGE	Default value: *The address of this payment website prefixed with https indicates that you are on a secure page and can safely proceed to your payment.* Example of use: `vads_theme_config="SECURE_ MESSAGE=You are on a website secured by TLS1.2. You can safely proceed to payment."`
SECURE_MESSAGE_REGISTER	Default value: *The address of this payment website prefixed with https indicates that you are on a secure page and can safely enter your bank details.*
REGISTER_ON_PAYMENT	Allows to customize the text of the checkbox that appears during ASK_REGISTER_PAY. Default value: *I would like to register my payment method details for a future purchase*
Labels that appear on the receipt and the payment pages	
SITE_ID_LABEL	Default value: *Merchant ID*
ORDER_ID_LABEL	Default value: *Order reference*

Code	Description
TRANSACTION_ID_LABEL	Default value: *Transaction number*
TRANSACTION_AMOUNT_LABEL	Default value: *Amount*
MULTI_DATE_LABEL	Default value: *Sale date* Information displayed only during an installment payment.
CUST_ID_LABEL	Default value: *Buyer reference* Information displayed only during a payment by token.
CUST_ADRESS_NUMBER_LABEL	Default value: *Street number* Information displayed only during a payment by token.
CUST_ADRESS_LABEL	Default value: *Address* Information displayed only during a payment by token.
CUST_ADRESS2_LABEL	Default value: *Address line 2* Information displayed only during a payment by token.
CUST_DISTRICT_LABEL	Default value: *District* Information displayed only during a payment by token.
CUST_CITY_LABEL	Default value: *City* Information displayed only during a payment by token.
CUST_COUNTRY_LABEL	Default value: *Country* Information displayed only during a payment by token.
CUST_PHONE_LABEL	Default value: *Phone* Information displayed only during a payment by token.
CUST_NAME_LABEL	Default value: *Buyer's last name* Information displayed only during a payment by token.
RECURRENCE_AMOUNT_LABEL	Default value: *Amount per installment* Information displayed only during a payment by token.
RECURRENCE_INIT_AMOUNT_ NUMBER_LABEL	Default value: *Number of installments of initial amount* Information displayed only during a payment by token.
RECURRENCE_INIT_AMOUNT_LABEL	Default value: *Initial amount of the recurring payment* Information displayed only during a payment by token.
SHOP_LABEL	Default value: *SHOP* Information displayed only on the PDF receipt.
SITE_URL_LABEL	Default value: *URL address* Information displayed only on the PDF receipt.
CUST_LANGUAGE	Default value: *Language* Information displayed only on the PDF receipt.

Category	Payment page customization

■ vads_threeds_auth_type

Description	Indicates the authentication type of the cardholder. *Output field, returned in the response (IPN and Return URL).*
Format	enum
Possible values	"Empty" if the buyer is not correctly authenticated. **FRICTIONLESS**: cardholder authentication without interaction with the ACS. Value returned only in 3DS v2. **CHALLENGE**: interactive cardholder authentication (entering an OTP or replying to a series of questions). Value returned in 3DS v2. **DATA ONLY**: authentication handled by the DS without client interaction. This is an option of the EMV 3D Secure protocol, available only with Mastercard.

Category	Authentication of cardholder.

■ vads_threeds_cavv

Description	Designates the cardholder's authentication through the ACS. Its value is populated by 3DS authentication server (ACS) when the buyer has been correctly authenticated (vads_threeds_status equals "Y" or "A"). *Output field, returned in the response (IPN and Return URL).*
Format	ans..28
Category	Authentication of cardholder.

■ vads_threeds_cavvAlgorithm

Description	Algorithm used by the ACS to generate the CAVV value. Its value is populated by 3DS authentication server (ACS) when the buyer has been correctly authenticated (vads_threeds_status equals "Y" or "A"). *Output field, returned in the response (IPN and Return URL).*
Format	an1

Possible values

Value	Description
0	HMAC
1	CVV
2	CVV_ATN
3	MasterCard SPA
A	AV-CB

Category	Authentication of cardholder.

■ vads_threeds_eci

Description	Indicates the E-Commerce index. It is populated by the 3DS authentication server (ACS) when the buyer has been correctly authenticated (vads_threeds_status equals « Y » or « A »).

DS	status = Y	status = A	status = U	status = N
VISA,CB, ELO, AMEX, DINERS, DISCOVER	5	6	7	-
MasterCard	02	01	-	-

In case of authentication without payment (e.g. card registration), Mastercard can return the following values:

DS	status = Y	status = A	status = U	status = N
MasterCard	N2	-	N0	N0

Output field, returned in the response (IPN and Return URL).

Format	an..2
Category	Authentication of cardholder.

▪ vads_threeds_enrolled

Description	Indicates the enrollment status of the cardholder. Its value is populated by the VISA and MASTERCARD (DS) servers during 3D Secure authentication. *Output field, returned in the response (IPN and Return URL).*
Format	a1

Possible values

Value	Description
Y	Cardholder enrolled, 3DS authentication possible. *Note: In the Expert Back Office, the ENROLLED value is displayed among transaction details (Authentication tab).*
N	Cardholder not enrolled. *Note: In the Expert Back Office, the NOT_ENROLLED value is displayed among transaction details (Authentication tab).*
U	Unable to verify the cardholder's enrollment status. *Note: In the Expert Back Office, the UNAVAILABLE value is displayed among transaction details (Authentication tab).*

Category	Authentication of cardholder.

▪ vads_threeds_error_code

Description	Final status of 3D Secure authentication. This field is deprecated. It is replaced by the **vads_threeds_exit_status** field. *Output field, returned in the response (IPN and Return URL).*
Format	n..2
Category	Authentication of cardholder.

▪ vads_threeds_exit_status

Description	Final status of the cardholder authentication process. Populated by the payment gateway. *Output field, returned in the response (IPN and Return URL).*
Format	n..2

Possible values

Value	Description
0	Initial status
1	Status non-applicable (global, reason not detailed)
2	Status non-applicable (integrator disabled)
3	Not an e-commerce payment
4	Payment without 3DS
5	Merchant not enrolled, 3DS unavailable
6	A technical error has occurred during 3DS authentication, 3DS unavailable
7	**Cardholder not enrolled, 3DS unavailable**
8	Invalid signature
9	Problem caused by the ACS
10	**The 3DS authentication has been successfully completed**
11	The 3DS authentication has been completed via the integrator

Value	Description
12	Problem caused by DS
13	Timeout when connecting to DS
15	3DS disabled
16	Payment channel not available
98	Initialization of 3DS authentication OK
99	Unknown status

* These statuses concern 3DS payments without card detail entry (payment by token).

Category

Authentication of cardholder.

◼ vads_threeds_mpi

Description	This field indicates the merchant's desire to challenge the buyer with a strong authentication during a payment. The final decision to perform strong authentication is made by the issuer. *Input field.*
Format	n1
Error code	50

Possible values

Use case	Values	Description
CHALLENGE: with cardholder interaction	1	**Deprecated**.
	3	**3DS Requestor Preference**: Allows to request strong authentication for the transaction.
	4	**Challenge request mandate**: Allows to indicate that, due to regulatory reasons, strong authentication is required for the transaction.
FRICTIONLESS: without cardholder interaction	2*	Allows to Request an exemption from strong authentication: • Low value transactions. • Transactional Risk Analysis (TRA Acquéreur). • LRM (Low Risk Merchant). More informations: Table of exemptions, below.
No merchant preference	**0 or absent or empty** **5**	The choice of the preference is transferred to the card issuer. If the issuer decides to perform an authentication without interaction (frictionless), the payment will be guaranteed.

*__Table of exemptions__ (value number 2):

Exemptions	Description
Low value transactions	In Europe, you can request an exemption from strong authentication, for transactions of less than €30, and within the limit of either 5 successive operations or a cumulative amount of less than €100. If the amount is higher than €30, the value transmitted by the merchant is ignored and the choice of the preference is transferred to the card issuer (No Preference). For payments made in a currency other than euro, a request for frictionless is transmitted to the issuer. If the frictionless request is accepted, the transaction does not benefit from liability shift dispute by the cardholder.. If the store does not have the "Frictionless 3DS2" option, the choice of the preference is transferred to the card issuer (No Preference).
Transactional Risk Analysis (TRA Acquéreur)	If your store has the "TRA Acquirer 3DS2" option, you can ask the issuer for an exemption from strong authentication if the amount is below the threshold set by your financial institution. If the frictionless request is accepted, the transaction does not benefit from liability shift dispute by the cardholder..

Exemptions	Description
	ⓘ The "Acquirer 3DS2 TRA" activation option is subject to the prior agreement of your financial institution.

LRM (Low Risk Merchant)	CB offers the LRM (=Low Risk Merchant) program. This program is designed to meet the needs of very low-risk, high-volume merchants. You can request an exemption from strong authentication:
	
	 • If the amount is less than €100, the exemption is systematic for eligible merchants.
	
	 • If the amount is between €100 and €250, an experiment is underway. To qualify, the merchant must :
	
	  • Have a CB contract.
	
	  • Be eligible for TRA acquéreur.
	
	  • Transmit the required values in the 3D Secure flow, according to the rules defined by the platform.
	
	 If the frictionless request is accepted, the transaction does not benefit from liability shift dispute by the cardholder..
	
	 ⓘ To benefit from CB's LRM program, you must contact sales administration to obtain explicit approval.

Category   Authentication of cardholder.

▪ vads_threeds_sign_valid

Description   Indicates the signature validity of the message containing the cardholder authentication result. Populated by the payment gateway.

Output field, returned in the response (IPN and Return URL).

Format   n1

Possible values

Value	Description
empty	3DS unavailable.
0	Incorrect signature.
1	Correct signature.

Category   Authentication of cardholder.

◼ vads_threeds_status

Description	Defines the cardholder's authentication status. Populated by the 3DS authentication server (ACS) during the 3D Secure authentication.
	Output field, returned in the response (IPN and Return URL).
Format	a1

Possible values

Value	Description
Y	Successful authentication. *Note: In the Expert Back Office, the SUCCESS value is displayed (3D Secure tab in Transaction details).*
N	Authentication error. *Note: In the Expert Back Office, the FAILED value is displayed (3D Secure tab in Transaction details).*
U	Authentication impossible. *Note: In the Expert Back Office, the UNAVAILABLE value is displayed (3D Secure tab in Transaction details).*
A	Authentication attempt. *Note: In the Expert Back Office, the ATTEMPT value is displayed (3D Secure tab in Transaction details).*

Category	Authentication of cardholder.

◼ vads_threeds_xid

Description	Indicates the unique 3DS authentication reference.
	It is populated by the authentication server (ACS) during the 3D Secure authentication process.
	Output field, returned in the response (IPN and Return URL).
Format	ans..28
Category	Authentication of cardholder.

◼ vads_tid

Description	Terminal ID. POS identifier defined within the acceptance contract.
	Corresponds to the rank number (or logical number) for a CB contract.
	Output field, returned in the response (IPN and Return URL).
Format	an..255
Category	Transaction details.

◼ vads_token_id

Description	Payment order ID associated with the transaction.
	Corresponds to the **paymentOrderId** fields in the REST API. It allows the Merchant to follow-up orders that they generated using the **PaymentOrder/Get** Web Service.
	Output field, returned in the response (IPN and Return URL).

Format	ans..255
Category	Order details.

◼ vads_totalamount_vat

Description	Allows to define the total amount of taxes applied to the whole order.
	The value must be specified in the smallest currency unit (cents for euro).
	Input and output field, returned in the response (IPN and Return URL).
Format	n..12
Error code	154
Category	Order details.

■ vads_trans_date

Description	Mandatory parameter.
	Corresponds to the timestamp in the YYYYMMDDHHMMSS format.
	The timestamp must necessarily correspond to the current date and time, in the GMT + 0 (or UTC) time zone in 24h format.
	Note:
	If you are using REST payment web services, the equivalent of the vads_trans_date parameter is **transactions[0].transactionDetails.cardDetails.legacyTransDate**.
	Input and output field, returned in the response (IPN and Return URL).
Format	n14
Error code	04
	Frequent errors:
	• The date has not been submitted in the YYYYMMDDHHMMSS format (year, month, day, hour, minute, second).
	• The date is not based on the UTC time zone (Coordinated Universal Time). Make sure you use date functions in your programming language that will generate a UTC hour (e.g.: gmdate in PHP).
	• The time must be calculated using the 24h format, not 12h.
	• The buyer has waited for too long before clicking on **Pay**.
	• The buyer was using browser history.
Category	Transaction details.

■ vads_trans_id

Description	Mandatory parameter.
	It consists of 6 alphanumeric characters and must be unique for each transaction for a given shop on the same day.
	Note: *the uniqueness of the transaction identifier is based on the universal time (UTC).*
	The merchant website must guarantee this uniqueness during same the day.
	The range between 900000 and 999999 is reserved to the payment gateway, for the transactions made via:
	• the Expert Back Office (refunds, duplications, manual payment, etc.),
	• the data collection form,
	• a payment order.
	Input and output field, returned in the response (IPN and Return URL).
Format	an6
Error code	03
	Frequent errors:
	The form is rejected:
	• If the transmitted value contains less than 6 characters.
	• If the value is null.
	• If the field is absent.
	• If an identical transaction number has already been sent on the same day.
	If the buyer clicks "Cancel and return to the shop", the transaction number must be different for the next attempt as the previous one will be considered as already used.
	Otherwise, the "The transaction has been canceled" message will appear.
Category	Transaction details.

■ vads_trans_status

Description

Allows to set the status of the transaction.

Output field, returned in the response (IPN and Return URL).

Format   enum

Possible values

Value	Description
ABANDONED	**Abandoned** Payment abandoned by the buyer The transaction has not been created, and **therefore cannot be viewed in the Expert Back Office**.
ACCEPTED	**Accepted**. Status of a VERIFICATION type transaction for which the authorization request or information request has been successfully completed. This status cannot evolve. Transactions with the **Accepted** status will never be captured.
AUTHORISED	**Waiting for capture** The transaction has been accepted and will be automatically captured at the bank on the expected date.
AUTHORISED_TO_VALIDATE	**To be validated** The transaction, created with manual validation, is authorized. The merchant must manually validate the transaction in order for it to be captured. The transaction can be validated as long as the expiration date of the authorization request has not passed. If the authorization validity period has been passed, the payment takes **Expired** status. This status is final.
CANCELLED	**Cancelled** The transaction has been canceled by the Merchant.
CAPTURED	**Captured** The transaction has been captured by the bank.
CAPTURE_FAILED	**Capture failed** Contact the technical support.
EXPIRED	**Expired** This status appears in the lifecycle of a payment with deferred capture. The expiry date of the authorization request has passed and the merchant has not validated the transaction. The account of the cardholder will therefore not be debited.
REFUSED	**Refused** The transaction is refused.
SUSPENDED	**Suspended** The capture of the transaction is temporarily blocked by the acquirer (AMEX GLOBAL or SECURE TRADING). Once the transaction has been correctly captured, its status changes to **CAPTURED**.
UNDER_VERIFICATION	**Control in progress** Waiting for the response from the acquirer. This status is temporary.

Value	Description
	For CB or PPRO transactions, this status indicates that a refund has been requested. Verification is being made in order to validate the refund.
	A notification will be sent to the merchant website to inform the Merchant of the status change.
	Requires the activation of the Instant Payment Notification URL on batch change notification rule.
WAITING_AUTHORISATION	**Waiting for authorization** The capture delay in the bank exceeds the authorization validity period.
WAITING_AUTHORISATION_TO_VALIDATE	**To be validated and authorized** The capture delay in the bank exceeds the authorization validity period. A EUR 1 (or information request about the CB network if the acquirer supports it) authorization has been accepted. The merchant must manually validate the transaction for the authorization request and the capture to occur.

Category	Transaction details.

■ vads_trans_uuid

Description	Unique transaction reference generated by the payment gateway when creating a payment transaction.
	Guarantees that each transaction is unique.
	Output field, returned in the response (IPN and Return URL).
Format	ans32
Example	c3f8b11c2d464d7cae76057fa63e63eb
Category	Transaction details.

■ vads_url_cancel

Description	URL where the buyer will be redirected after having clicked on **Cancel and return to shop** before proceeding to payment.
	Input field.
Format	ans..1024
Error code	27
Category	Redirection to the merchant website.

■ vads_url_check

Description	URL of the page to notify at the end of payment. Overrides the value entered in the notification rule settings.
	Note
	This field should be used only in exceptional cases since:
	• *This URL will only be used when calling the IPN URL,*
	• *The override value will not be used if an automatic retry takes place.*

It is not compatible with the execution of the request sent to the IPN from the Expert Back Office. The called URL is the URL that has been set up in the notification rule (see chapter **Setting up notifications**).

Input field.

Format	ans..1024
Error code	33
Category	Redirection to the merchant website.

■ vads_url_check_src

Description	This parameter defines the source of the notification (also called IPN).
	Output field, returned in the response (IPN and Return URL).
Format	enum

Possible values

Value	Description
PAY	Payment creation by form. Value sent in the following cases: • registration request for a mandate or a token (REGISTER) • registration request for a mandate or a token when subscribing to a recurring payment (REGISTER_SUBSCRIBE) • immediate payment (or first installment payment of a recurring payment) • payment deferred for less than 7 days • payment abandoned or canceled by the buyer only if the merchant has configured the "Instant Payment Notification URL on cancellation" rule.
BO	Execution of the notification URL via the Expert Back Office. (right-click a transaction > Send the Instant Payment Notification).
BATCH_AUTO	Value sent as part of an authorization request for a payment that was awaiting authorization. Not applicable for one-off direct debit on SEPA.
BATCH	Value sent in case of an update of a transaction status after its synchronization on the acquirer side. Only if the merchant has configured the "Instant Payment Notification URL on batch change" rule.
DCF	Value sent following a transaction from the data collection form.
MERCH_BO	Value sent following a transaction carried out via the Expert Back Office if the merchant has configured the notification rule: "Instant Payment Notification URL on an operation coming from the Back Office".
PAYMENT_ORDER	Value sent following a transaction originating from a payment order (e-mail, payment URL or SMS).
REC	Value is sent only for recurring payments if the merchant has configured the "Instant Payment Notification URL when creating recurring payments" rule. Not applicable for one-off direct debit with SEPA.
RETRY	Automatic retry of the IPN.

Category	Redirection to the merchant website.

■ vads_url_error

Description	URL where the buyer will be redirected in case of an internal processing error.
	Input field.
Format	ans..1024
Error code	29
Category	Redirection to the merchant website.

◼ vads_url_post_wallet

Description	This field allows the merchant to transmit the URL to which the buyer will be redirected during a payment via a wallet in two steps.
	This URL is used for transmitting information relative to the buyer's choice (e-mail, shipping address, payment method, etc.).
	Based on these elements, the merchant can decide what to do (adjust the shipping fees, register the payment method, etc.) before allowing the buyer to finalize his or her payment.
	The details will be transmitted to the merchant website via an html POST form.
	Example: vads_url_post_wallet = https://mydomain-name.com/return_url
	Note
	*If the URL is inaccessible, the transaction cannot be finalized. After the payment session expires, a **rejected** transaction will be created. If the merchant has configured the notification rule for abandoned/canceled transactions, the merchant website will be notified about the reason of rejection via the **vads_payment_error** field. This field will be set to **149** indicating that the payment session has expired.*
	*It will then become visible in the Expert Back Office, in the **Event log** tab.*
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..1024
Error code	138
Category	Redirection to the merchant website.

◼ vads_url_referral

Description	**Deprecated field**. Use the **vads_url_refused** field.
	URL where the buyer will be redirected in case of a declined authorization (code 02 **Contact the card issuer**) after having clicked on **Return to shop**.
	Input field.
Format	ans..127
Error code	26
Category	Redirection to the merchant website.

◼ vads_url_refused

Description	URL where the buyer will be redirected in case of a declined payment after having clicked on **Return to shop**.
	Input field.
Format	ans..1024
Error code	25
Category	Redirection to the merchant website.

▪ vads_url_return

Description	Default URL to where the buyer will be redirected after having clicked on **Return to shop**, if **vads_url_error**, **vads_url_refused**, **vads_url_success** or **vads_url_cancel** is not set.
	If this field has not been transmitted, the Expert Back Office configuration will be taken into account.
	It is possible to set up return URLs in TEST and PRODUCTION modes. These fields are called **Return URL of the shop in test mode** and **Return URL of the shop in production mode**; they can be viewed in **Settings** > **Shop** > **Configuration**.
	If no URL has been specified in the Expert Back Office and in the form, the **Return to shop** button will redirect the buyer to the merchant website URL (**URL** field in the shop configuration section).
	Input field.
Format	ans..1024
Error code	28
Category	Redirection to the merchant website.

▪ vads_url_success

Description	URL where the buyer will be redirected in case of an accepted payment after having clicked on **Return to shop**.
	Input field.
Format	ans..1024
Error code	24
Category	Redirection to the merchant website.

▪ vads_use_case

Description	Allows you to specify that this is a payment upon shipment. This field is optional.
	To make a payment upon shipment, you must transmit one of the following use cases to the payment platform via this field:
	• SHIPMENT_MULTIPLE_AUTHORISATION
	Expected value for payment upon shipment with multiple authorization (payment on delivery).
	• SHIPMENT_SINGLE_AUTHORISATION
	Expected value for payment upon shipment single authorization (payment on order).
	Payment on dispatch is only compatible with CB, Mastercard and Visa.
	Input and output field, returned in the response (IPN and Return URL).
Format	ans..50
Error code	193, 194
Category	Transaction details.

▪ vads_user_info

Description	Information about the user who made the payment.

In the case of a form payment, this parameter will be resent with the response and will include the value transmitted in the request.

In the case of a MOTO payment from the Expert Back Office, this field will be valued with the user account (login) who made the payment.

In the case of a payment order, this field will be populated with the user account (login or WhatsApp phone number) that created the order.

Note:

*For backward compatibility, it is possible to use this field to set the CPF/CNPJ (legal identifier in numeric format between 11 and 20 digits long) required by the ClearSale risk management module. However, **vads_cust_national_id** field can be used.*

Input and output field, returned in the response (IPN and Return URL).

Format	ans..255
Error code	61
Category	Buyer details.

■ vads_validation_mode

Description	Specifies the transaction validation mode.
	For more information on the transaction validation mode, see the chapter *Configuring the default validation mode* of the sitemap.html user manual.
	Input and output field, returned in the response (IPN and Return URL).
Format	enum
Error code	05

Possible values	Value	Description
	Missing or empty	Default configuration of the selected store (can be configured in the Expert Back Office).
	0	Transaction is automatically validated by the payment gateway.
	1	The transaction must be validated manually by the merchant via their Expert Back Office (or automatically via the **Transaction/Validate** Web Service function).

Category	Transaction details.

■ vads_version

Description	Mandatory parameter.
	Version of the exchange protocol with the payment gateway.
	Input and output field, returned in the response (IPN and Return URL).
Format	enum
Error code	01
Possible value	V2
Category	Technical details

■ vads_wallet

Description	This field allows the merchant to identify the type of wallet that was used for the payment.
	Present only when a wallet was used for the payment.

List of existing Wallets

Value of the vads_wallet field	Wallet type
APPLE_PAY	Apple Pay
GOOGLEPAY	Google Pay

Output field, returned in the response (IPN and Return URL).

Format	an..127
Category	Payment method details.

■ vads_warranty_result

Description	Liability shift in case of accepted payment.
	Output field, returned in the response (IPN and Return URL).

Format   enum

Possible values

Value	Description
YES	The payment is guaranteed.
NO	The payment is not guaranteed.
UNKNOWN	Due to a technical error, the payment cannot be guaranteed.
Not specified	Liability shift not applicable.

Category   Transaction details.