

https://verifone.cloud/docs/sca-functional-specification/payment_func/retail_restaurant/void

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Void

This command voids a previous transaction.

Often the authorization code is also reversed, like:

- When using First Data Rapid Connect processor, a Void cannot be issued 25 minutes after the original Sale transaction. When that amount of time has transpired, you must process the transaction as a Credit (Return).
- When using Worldpay (Vantiv) processor in an SCA 'direct to processor' implementation, the CTROUTD is stored only for the day after that amount of time has transpired, you must process the transaction as a Credit (Return) with the card token.

Rules

When using First Data Rapid Connect processor, a Void cannot be issued 25 minutes after the original Sale transaction. When that amount of time has transpired, you must process the transaction as a Credit (Return). When using Vantiv processor in an SCA 'direct to processor' implementation, the CTROUTD is stored only for the day – after that amount of time has transpired, you must process the transaction as a Credit (Return) with the card token.

Configuration Parameter

No configuration parameters is applicable for the command.

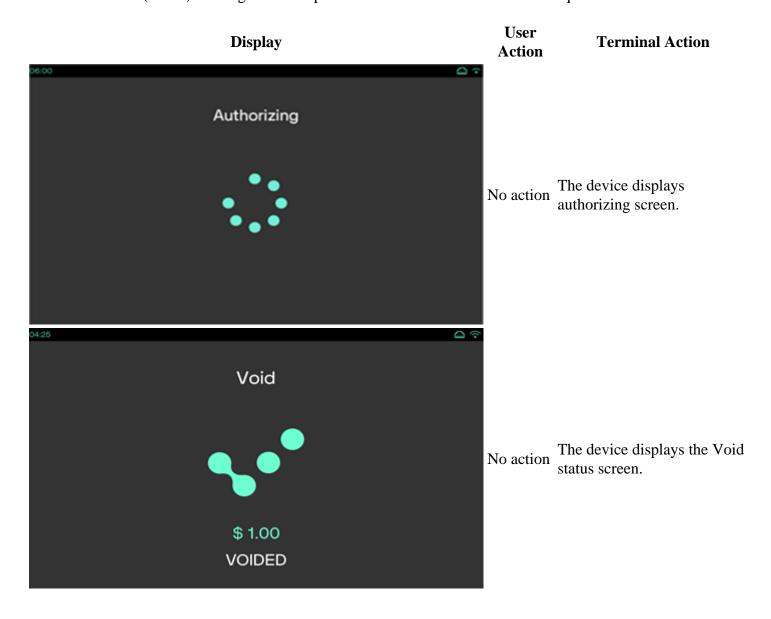
VOID (Message Interface)

The following tables provide corresponding device UI interactions, detailed protocol information, including field descriptions and examples.

Device UI Required

Note

- For certain processors and payment types, a Device UI is only required under specific conditions.
- Neo device (M450) is being used to capture screenshots for the Device UI Requirement section.



Note

Refer to **Transaction Flows** section of any device in **Media and Display Screens Specifications**, for details on payment related device UI screens, for example $\underline{M400}$ - User Inteface.

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	PAYMENT	Type of function
COMMAND	Required	Static value	N/A	N/A	VOID	Command name

Field	Rule Type	Minimun	n Maximum	Value(s)	Description
PAYMENT_TYPE	Required List	N/A	N/A	 CREDIT DEBIT GIFT EBT (Vantiv Direct only) CHECK (for Check Processing) 	Payment types. NOTE: Card details (Swipe and PIN) required for DEBIT Voids when using Vantiv. PAYMENT_TYPE field is mandatory for card token based transactions.
CTROUTD	Required Numeric	: 1	16		This is the transaction ID from the previous transaction that is being voided. CTROUTD is a sequence number for PAYMENT transactions (always enabled) that is generated per Client ID. Each Client ID has its own CTROUTD sequence counter. Example: 45
CDD_DATA	Optional Characte	er 1	10000		Customer Defined Data. This field is optional and the datatype is String. It is a pass through field and it is passed in the host request if this field is present in the POS request and also returned in POS response. This field is applicable for all payment transactions. NOTE: In case of UGP with PWC processor, SCA supports up to 30 characters of data. For other Hosts, application supports 10000 characters of data. Example: <cdd_data> INV200471</cdd_data>

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
PROMO_NEEDED	Optional	Character		4	Ex: 0999	This field is sent from POS in case of PLCC (Private Label Credit Card) transactions. This will be sent in host request. This field is Required only for PLCC transactions with maximum length of 4 characters. As of this publication, this field is applicable for Worldpay solutions only.
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255		These fields represent Column 3 to Column 10. These fields are expected for the Merchants internal POS System, which will record any additional data and link those to the PWC CLIENT_ID and CTROUTD. When a value for COL_n is passed in, that same value will be returned in the response. These COL_n values are not indexed, or searchable in any command report. These fields are not sent to any payment processor. These fields are sent in SAF transaction request. Example: Merchant defined data
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliation field to be echoed back in response to POS. Example: RetailPOS1
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. This is used to authenticate the POS. Example: 100
MAC	Required	Base64 Encoded Data	N/A	N/A	N/A	Message Authentication Code. This is used to authenticate the POS.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MAC_LABEL	Required	Character	· 1	50		Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. This is used to authenticate the POS. Example: REG1

Fleet Card Transaction

Note

This section is applicable to GSC only. Maximum of eight (8) Item lists are allowed for each transaction. Refer to Fleet Card Support for more details on this feature.

Field	Rule	Type	Minimum	Maximum Value(s)	Description
PROD_CODE	Conditional	Numeric		3	This is the product code. Example: 102
QUANTITY	Conditional	Numeric			Item quantity. Example: 1.000
UNIT_PRICE	Conditional	Floating point number	1(2)	6(2)	Single item price without tax. Example: 10.00
UNIT_OF_MEASURE	E Conditional	Character			A standardized quantity used to express the unit of the item.
DESCRIPTION	Conditional	Character			Text description of the item.
CATEGORY	Conditional	Character			Example: N
TOTAL	Conditional	Floating point number	1(2)	6(2)	This field indicates the total price including Tax. Example: 12.00
TAX	Conditional	Floating point number	1(2)	6(2)	Tax amount of the transaction. Example: 2.00

Multi Merchant Transaction

Refer to Multi Merchant Support for more details on this feature.

Note

For Multi Merchant transactions, either of the field is mandatory to send in POS request.

Field	Rule	Type	Minimum Maximum Value(s)	Description
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MMACCOUNT Conditional Character 1 20

MMPIN Conditional Character 6 6

This field contains the Multi Merchant Account number or account name, which is used by the application to identify the correct Client ID and Device Key to be used for performing Host operations like Transactions and Reports. This field is mandatory if the device has a Multi Merchant setup onboarding and if DEFAULTMERCHANTACCOUNT parameter is not set. **Example:** 123456789/121212/zxcvbnmQWERTY1

This field contains PIN value which will be used for MMACCOUNT authentication. MMPIN update and setup is handled on PWC portal. The default value is usually the same as MMACCOUNT. **Example:** 001212/

123456

Example

Following is an example of request packet

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. Example: VOIDED
RESULT	Character		Commonly VOIDED or DECLINED. Example: VOIDED
RESULT_CODE	Numeric Exp	pected result de: 6, 7	This indicates the result code.

Field	Type	Value	Description
RESPONSE_CODE	Character	Expected response code: A, E	Response code data will be returned to POS, same as received from the Host if this is present in Host response. Example: " <response_code>E</response_code> ."
TERMINATION_STATUS	Character	SUCCESS and FAILURE	This indicates the transaction termination status. This is the overall status of the transaction irrespective of approved or declined. Like, if the output is generated then the status is SUCCESS and if no output is generated then the status will be FAILURE.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. Example: RetailPOS1
COUNTER	Numeric		Echoes counter sent in the request. Example: 100
MERCHID	Numeric		Merchant ID. Example: 90000000123
TERMID	Numeric		Merchant ID. Example: 001
TRANS_SEQ_NUM	Numeric		Processor/Batch trans sequence number. Example: 001 NOTE: For private label transaction (ADS), PT_SEQ_NUM field will be mapped to TRANS_SEQ_NUM and TROUTD fields back to SCA.
INTRN_SEQ_NUM	Numeric		PWC transaction ID.
TRACE_NUM	Numeric		This field is sent from the Host Response. This field contains the Interac Sequence number from the host. Example: 1400040000000004001951
TROUTD	Numeric		Transaction routing ID (this will match the TROUTD of the original transaction that is voided). Example: 123456789
CTROUTD	Numeric		The value will match the CTROUTD of the original transaction that is voided. CTROUTD is a sequence number for PAYMENT transactions (always enabled) that is generated per Client ID. Each Client ID has its own CTROUTD sequence counter. Example: 45. NOTE: For private label transaction (ADS), PT_CTROUTD field will be mapped to CTROUTD field back to SCA.
APPROVED_AMOUNT	Floating point number		Amount approved. Example: 5.02
AVAILABLE_BALANCE	Floating point number		Available balance on the card used for transaction. This field will be returned to POS, when the Host returns the Available Balance data. SCA application sends <balance_enq> as Host request field and based on the processor, it returns the Available Balance, and SCA will send it back to POS. Example: 0.01</balance_enq>

Field	Type	Value	Description
PAYMENT_MEDIA	Character		Medium of payment. Commonly VISA/MC/DISC/AMEX/DEBIT
PAYMENT_TYPE	Character		Payment type returned. Example: CREDIT
ACCOUNT_TYPE	Character		Indicates the type of debit account based on the selection of the customer. Example: CHECKING/SAVINGS.
AUTH_RESP_CODE	Character		Returned by some processors when the transaction is declined. Maximum of 19 bytes. Example: 0131.
RECEIPT_DATA	Character		Receipt Data
TRANS_DATE	Character		Transaction date returned. Example: 2016.09.20
TRANS_TIME	Character		Transaction time returned. Example: 09:16:25
TRAINING_MODE	Character ON	N or OFF	Conditionally returned when session is in Training Mode.
VSP_CODE	Numeric		If present, returns the VSP code. Example: 910
VSP_RESULTDESC	Character		If present, returns the VSP result description. Example: VSP NOT APPLICABLE
VSP_TRXID	Numeric		If present, returns the VSP transaction ID. Example: 0
TRAN_LANG_CODE	"er Character "fr	n" – English and " – French	This field contains the language code for the current transaction which is finalized based on the configured language on terminal and language preference from the card. This field will be returned only whenever the Card data is captured from cardholder during transaction flow. If Language code is not available from card, then terminal language will be returned. This field needs to be added for the below transaction flows.
CDD_DATA	Character		Customer Defined Data field is returned in POS response when it is present in the POS request and passed in the host request. Example: <cdd_data> INV200471</cdd_data>
TRANS_CURRENCY_CODE	Numeric		This is the currency code of the transaction. This field is sent from POS to identify if it is US or Canada transaction. Example: 0840 • For USA, POS response is: < TRANS_CURRENCY_CODE>0840 TRANS_CURRENCY_CODE • For Canada, POS response: < TRANS_CURRENCY_CODE>0124 TRANS_CURRENCY_CODE

Field	Type	Value	Description
HOST_PAYTYPE	Character		This field is sent back to POS when the Debit Optimization feature is applied for a transaction. If Debit Optimization flag in G035 (EMV Tag Data) is sent in the Worldpay host response, then HOST_PAYTYPE with the value 'CREDIT' will be sent back in the POS response. In other cases, this field will be absent in the POS response. As of this publication, this field is applicable for Worldpay only. Example: CREDIT
PROMO_NEEDED	Character		This field is sent back to POS in case of PLCC (Private Label Credit Card) transactions. As of this publication, this field is applicable for Worldpay only. Example: 0999
AUTH_REF_NUMBER	Character	,	This tag returns in the host response with the value for the particular transaction. This is used by some merchants to refer to the transaction at the host side. Currently this is applicable only for Worldpay processor.
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Character	•	Column 3 to Column 10 fields value will be echoed in POS response. These fields are not sent to any payment processor.

Processor-Based Token (Conditional)

Note

For use with host based processors supporting card based token implementations.

Field Type Value Description

CARD_TOKEN Character Card token. **Example:** 7987654321098765

TOKEN_SOURCE Character Source of token. **Example:** PWC

Transaction Performance Metric

Note

These fields are returned, if SCAPERFMETRIC parameter (Application Parameters) is enabled.

Field Type Value Description

UI_TIME Time	This indicates the time duration, for which the device screen is displayed (like error message, prompt screen, remove card screen) till any user action is performed in the command execution flow. This field is not applicable to capture the time for the Processing, Authorizing and transaction status screen. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. Example: <ui_time>44.028</ui_time>
HOST_TIME Time	This indicates the time taken for the Connection to the host, sending request and receives data from the host. This field also take the cumulative time for multiple requests which may sent to the host during the transaction including two legged transactions, timeout requests, Auto Last Tran requests, DCC, Credit app proxy. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. Example: <pre><host_time>1.389</host_time></pre> / HOST_TIME>
CMD_TIME Time	This field indicates the total amount of time for a command, which is executed by the application from request received to the response sent. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. Example: <cmd_time>70.765</cmd_time>

Fleet Card Transaction

Note

This section is applicable to GSC only. The RCPT_FLEET_XXXX fields are sent to the POS system to facilitate the receipt generation when the POS system creates its own receipt. Note that, not every field will be presented on the printed receipt for a given transaction, only those fields which are relevant to that specific payment event are included.

Field	Type Valu	e Description
RESTRICTED_PRODUCTS	Character	The application sends to POS all the product codes for the declined transactions due to product restriction. Example: 101 102 103
RCPT_FLEET_DEPT	Character	Department number entered by customer, when prompted.
RCPT_FLEET_DRIVER	Character	Driver ID number entered by customer.
RCPT_FLEET_EMPLNUM	Character	Employee number entered by customer.
RCPT_FLEET_FLEETDATA1	Character	Additional fleet Data option 1 entered by customer.
RCPT_FLEET_FLEETDATA2	Character	Additional fleet Data option 2 entered by customer.
RCPT_FLEET_HUBOMETER	Character	Hubometer value entered by customer. (Hubometer - distance travelled based on wheel hub rotations, mostly used on commercial vehicles, like trucks). Example: 123456
RCPT_FLEET_JOBNUM	Character	Job Number entered by customer.

Type	Value	Description
Character		Maintenance ID entered by customer.
Character		Odometer value entered by customer. (Odometer - measures the total distance travelled by any vehicle). Example: 222333
Character		License number entered by customer.
Character		Purchase Data Sequence Number entered by customer.
Character		Reefer Hours entered by customer. (Reefer hours - means the hours of service that apply to truck drivers operating refrigerated (reefers) trucks or containers.)
Character		Reference or Purchase Order number entered by customer.
Character		Trailer number entered by customer.
Character		Trip number entered by customer.
Character		Unit number entered by customer.
Character		User ID entered by customer.
Character		Vehicle ID/Number entered by customer.
	Character	Type Value Character

Example

Following is an example of response packet

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<RESPONSE>
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<AUTH_CODE>125463</AUTH_CODE>
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<CTROUTD>5</CTROUTD>

<INTRN_SEQ_NUM>34552</INTRN_SEQ_NUM>

<PAYMENT_MEDIA>VISA</PAYMENT_MEDIA>

<PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>

<ACCOUNT_TYPE>SAVINGS</ACCOUNT_TYPE>

<RESPONSE_TEXT>CAPTURED</RESPONSE_TEXT>

<RESULT>VOIDED</RESULT>

<RESULT_CODE>7</RESULT_CODE>

<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>

<TRANS_SEQ_NUM>17</TRANS_SEQ_NUM>

<TRACE_NUM>14000400000000001951</TRACE_NUM>

<TROUTD>24552</TROUTD>

<TRAN_LANG_CODE>en</TRAN_LANG_CODE>

</RESPONSE>