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.

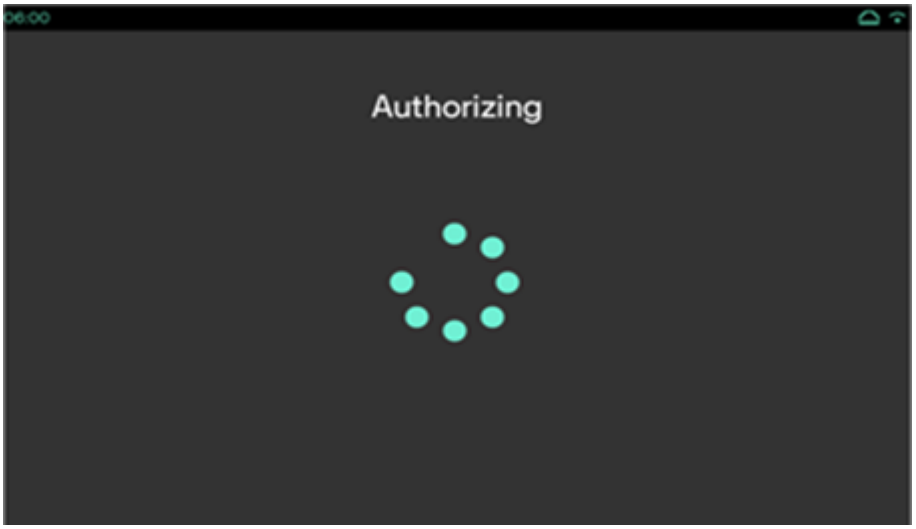
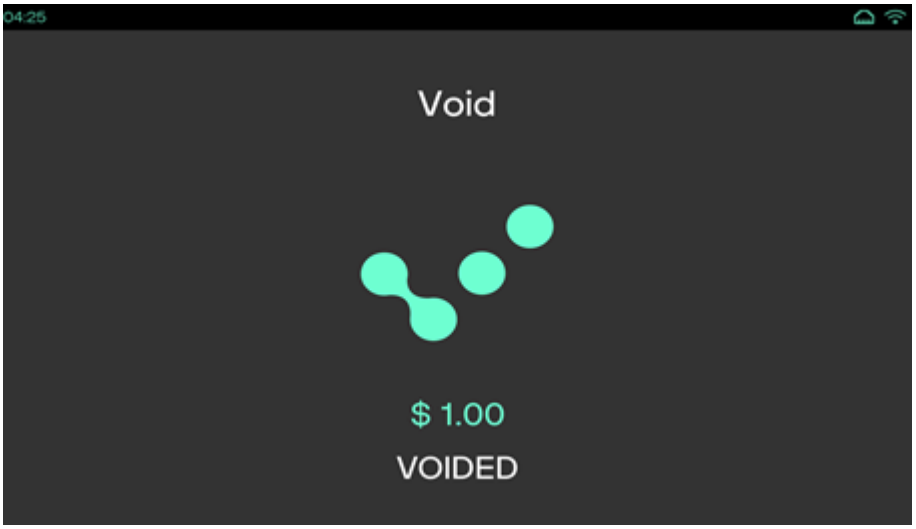
VOID (Message Interface)

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.

Display	User Action	Terminal Action
	No action	The device displays authorizing screen.
	No action	The device displays the Void status screen.

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 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	Minimum	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 d PIN) required for DEBIT Voids Vantiv. PAYMENT_TYPE fiel card token based transactions.
CTROUTD	Required	Numeric	1	16		This is the transaction ID from transaction that is being voided sequence number for PAYMEN (always enabled) that is generat Each Client ID has its own CTR counter. **Example:** 45
CDD_DATA	Optional	Character	1	10000		Customer Defined Data. This fi the datatype is String. It is a pas it is passed in the host request i present in the POS request and POS response. This field is app payment transactions. **NOTE:** with PWC processor, SCA supp characters of data. For other Ho supports 10000 characters of da `CDD_DATA>INV200471</C`
PROMO_NEEDED	Optional	Character		4	Ex: 0999	This field is sent from POS in c (Private Label Credit Card) tran be sent in host request. This fie only for PLCC transactions wit of 4 characters. As of this publi applicable for Worldpay solutio
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255		These fields represent Column These fields are expected for th internal POS System, which wi additional data and link those to CLIENT_ID and CTROUTD. W COL_n is passed in, that same v returned in the response. These not indexed, or searchable in an These fields are not sent to any processor. These fields are sent request. **Example:** Merchant de

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
SCMCI_INDICATOR	Optional	Numeric			• 1 - Cardholder Initiated Signup Transaction. • 2 - Cardholder Initiated Charge Transaction. • 3 - Merchant Initiated Charge Transaction.	This field denotes the Stored Cr Transaction Indicator. This is a stored credential transaction an be set as 1. In Void command, SCMCI_INDICATOR field is a solution only.
INSTALLMENT	Conditional	Binary			• N - Transaction will not be processed for instalment payment. • Y - Transaction will be processed for instalment payment.	This field denotes that the Store transaction will be processed as payments - Splitting same purch fixed payments. Rules: • This is a **Rec** when SCMCI_IND • This is an **Op** when SCMCI_IND For Void command, this applicable to **Fiserv** solu Fiserv solution, INSTAL field is applicable to Cred type only.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
RECURRING	Conditional	Binary			• N - Do not process as recurring. • Y - Process as recurring.	This is used when Payment Typ field denotes Recurring Billing transaction is recurring. With re Credential transaction, this field transaction will be processed fo (subscription) payments. Rules: • This is a **Rec** when SCMCI_IND • This is an **Op** when SCMCI_IND For Void command, this applicable to **Fiserv** solu
UNSCHEDULED	Conditional	Binary			• N - Transaction will not be processed for unscheduled payment. • Y - Transaction will be processed for unscheduled payment.	This field denotes that the Store transaction will be processed fo payments, (merchant charges o a fixed schedule.) Rules: • This is a **Rec** when SCMCI_IND • This field is when SCMCI_IND • This is an **Op** when SCMCI_IND For Void command, this applicable to **Fiserv** solu
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Recon echoed back in response to POS RetailPOS1

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
COUNTER	Required	Numeric	1	10		COUNTER is used for a given COUNTER should be higher th This is used to authenticate the 100
MAC	Required	Base64 Encoded Data	N/A	N/A	N/A	Message Authentication Code. authenticate the POS.
MAC_LABEL	Required	Character	1	50		Associated label that tells the d MAC_KEY to use to decrypt th This is used to authenticate the 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	Required	Numeric		3		This is the product code. **Example:** 102
QUANTITY	Required	Numeric				Item quantity. **Example:** 1.000
UNIT_PRICE	Required	Floating point number	1(2)	6(2)		Single item price without tax. **Example:** 10.00
UNIT_OF_MEASURE	Required	Character				A standardized quantity used to express the unit of the item.
DESCRIPTION	Required	Character				Text description of the item.
CATEGORY	Required	Character				**Example:** N
TOTAL	Required	Floating point number	1(2)	6(2)		This field indicates the total price including Tax. **Example:** 12.00
TAX	Optional	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
MMACCOUNT	Conditional	Character	1	20		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 on-boarding and if DEFAULTMERCHANTACCOUNT parameter is not set. **Example:** 123456789/ 121212/ zxcvbnmQWERTY1
MMPIN	Conditional	Character	6	6		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

```
<TRANSACTION>
        <FUNCTION_TYPE>PAYMENT</FUNCTION_TYPE>
        <COMMAND>VOID</COMMAND>
        <COUNTER>1</COUNTER>
        <MAC> … </MAC>
        <MAC_LABEL>REG2</MAC_LABEL>
        <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
        <CTROUTD>5</CTROUTD>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. **Example:** VOIDED

Field	Type	Value	Description
RESULT	Character		Commonly VOIDED or DECLINED. **Example:** VOIDED
RESULT_CODE	Numeric	Expected result code: 6, 7	This indicates the result code.
RESPONSE_CODE	Character	Expected response code: A, E	Response code data will be returned to POS, sam as received from the Host if this is present in Hos 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 FAILURE.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** RetailPOS1
COUNTER	Numeric		Echoes counter sent in the request. **Example:** 10
MERCHID	Numeric		Merchant ID. **Example:** 900000000123
TERMID	Numeric		Merchant ID. **Example:** 001
TRANS_SEQ_NUM	Numeric		Processor/Batch trans sequence number. **Exampl** 001 **NOTE:** For private label transaction (ADS), PT_SEQ_NUM field will be mapped to TRANS_SEQ_NUM and TROUTD fields back t 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 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

Field	Type	Value	Description
AVAILABLE_BALANCE	Floating point number		Available balance on the card used for transactio This field will be returned to POS, when the Hos returns the Available Balance data. SCA application sends <BALANCE_ENQ> as Host request field and based on the processor, it return the Available Balance, and SCA will send it back to POS. **Example:** 0.01
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 transactio 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 or OFF	Conditionally returned when session is in Trainin 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	Character	“en” – English and “fr” – French	This field contains the language code for the current transaction which is finalized based on th 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 nee 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 an passed in the host request. **Example:** `<CDD_DAT >INV200471</CDD_DATA>`

Field	Type	Value	Description
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>
HOST_PAYTYPE	Character		This field is sent back to POS when the Debit Optimization feature is applied for a transaction. Debit Optimization flag in G035 (EMV Tag Data is sent in the Worldpay host response, then HOST_PAYTYPE with the value 'CREDIT' wil be sent back in the POS response. In other cases, this field will be absent in the POS response. As 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 th publication, this field is applicable for Worldpay only. **Example:** 0999
AUTH_REF_NUMBER	Character	Example: 123456789012345; Or, it can be empty	This tag returns in the host response with the valu for the particular transaction. This is used by som merchants to refer to the transaction at the host side. Currently this is applicable only for Worldp 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 echo in POS response. These fields are not sent to any payment processor.

Field	Type	Value	Description
COF_SCHEME_REFERENCE_DATA	Character		The Scheme Reference Data sent by the acquirer the authorization response message and sent in a subsequent authorization request messages associated with the same transaction. This may b used for the subsequent Stored Credential Charge transaction if returned by the host. Maximum length is 200. For **Fiserv** solution, this field is received in the POS response for VISA, MASTERCARD, AMEX and DISCOVER card brands and the reference data contains different values for different cards brands, as follows: • **VISA:** Contains transaction ID (TransID) returned from the host. • **MASTERCARD:** Contains the BankNet data returned from the host • **AMEX:** Contains AMEX transactio ID returned from the host. • **DISCOVER:** Contains AddAmt (A amount) and DiscNRID (Discover NRID).

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:** `<HOST_TIME>1.389</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	Value	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.

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

Example

Following is an example of response packet

```
<RESPONSE>
        <AUTH_CODE>125463</AUTH_CODE>
        <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>14000400000000004001951</TRACE_NUM>
        <TROUTD>24552</TROUTD>
        <TRAN_LANG_CODE>en</TRAN_LANG_CODE>
</RESPONSE>
```