VOID

This command allows the POS to signal the device to immediately apply any pending updates from VHQ. SCA will inform VHQ to defer the updates if a transaction is in progress.

Device UI Required: Yes - Conditional (Required for some PAYMENT_TYPES for some processors.)

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
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.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
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

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
CDD_DATA	Optional	Character	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.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
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

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
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.
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

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
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, 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

Field	Type	Value	Description
MERCHID	Numeric		Merchant ID. **Example:** 900000000123
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

Field	Type	Value	Description
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
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.

Field	Type	Value	Description
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 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	Character	“en” – English and “fr” – 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.

Field	Type	Value	Description
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>`
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

Field	Type	Value	Description
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	Example: 123456789012345; Or, it can be empty	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:** `<HOST_TIME>1.389</HOST_TIME>`

Field	Type	Value	Description
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>`

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>
```