Block Activate

This command blocks the activation of a Gift or Merchandise Credit card with an initial (non-zero) balance.

Rules

Implementation of Block_Activate command for Gift card varies by processors. The session should be active.

Configuration Parameter

Following are the configuration parameters which affect the operation. Refer to Application Parameters table for more details on the below parameters.

- BLOCKACTIVATION
- BLOCKACTIVATIONTYPE

BLOCK ACTIVATE (Message Interface)

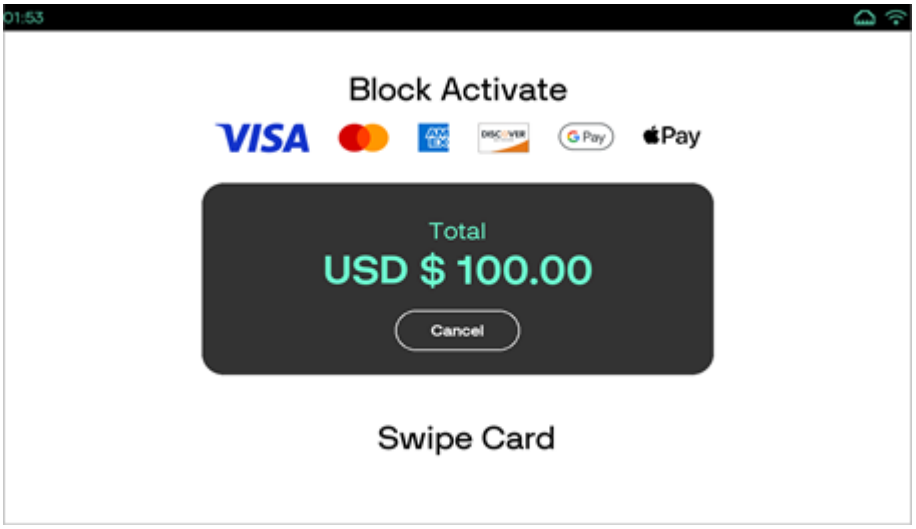
The following tables provide corresponding device UI interactions, detailed protocol information, including field descriptions and examples.

Device UI Required

Note

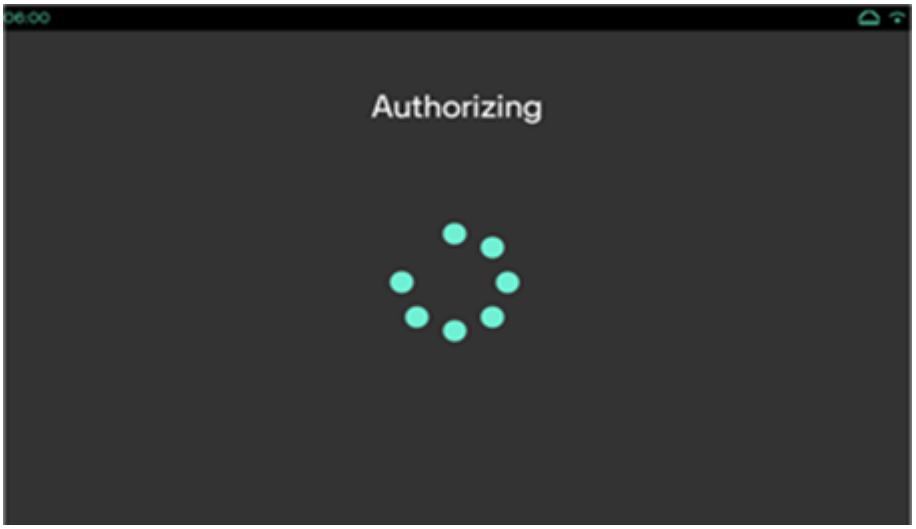
Neo device (M450) is being used to capture screenshots for the Device UI Requirement section.

Display	User Action	Terminal Action



Use the card for performing a gift card block activation.

The device displays card entry screen.



No action

The device displays authorizing screen for block activate.

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	
FUNCTION_TYPE	Required	Static value	N/A	N/A	PAYMENT	Type of funct
COMMAND	Required	Static value	N/A	N/A	BLOCK_ACTIVATE	Command na
PAYMENT_TYPE	Required	List	N/A	N/A	GIFT MERCH_CREDIT	Payment type **NOTE:** PAY card token ba
PAYMENT_SUBTYPE	Optional	List	N/A	N/A		Payment subt
TRANS_AMOUNT	Required	Floating point number (decimal)	1(2)	6(2)		This indicates must be a nor
MANUAL_ENTRY	Optional	Boolean	N/A	N/A	• TRUE • FALSE	This is to inst information t

Field	Rule	Type	Minimum	Maximum	Value(s)	
MANUAL_PROMPT_OPTIONS	Optional	Character	1	50	NOEXP	This field is a is set to TRU this field is pr expiration.
TOT_NUM_CARDS	Optional	Numeric	1	2	NOEXP	Total number **Exanple:** 10
ENCRYPT	Conditional	Boolean	N/A	N/A	TRUE FALSE	This field is r before passin of P2PE encr as default val then the appli as a value TR ADE/VSD.
POS_RECON	Optional	Character	1	30		POS reconcil echoed back i RetailPOS1
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255		These fields r These fields a internal POS additional dat CLIENT_ID COL_n is pas returned in th not indexed, These fields a **Example:** M
BANK_USERDATA	Conditional	Character	1	50		Returned with back with BA the token sho **Example:** 01
CARD_TOKEN	Conditional	Character	1	40		Card token is and can repre Way Card To 79876543210
TKN_RENEW	Conditional	Character		1	Valid value: 1	Application v requesting fo publication, t
CASHIER_ID	Optional	Character	1	10		This indicates transaction ID
CDD_DATA	Optional	Character	1	30		Customer De the datatype i it is passed in present in the POS response payment trans <CDD_DAT

Field	Rule	Type	Minimum	Maximum	Value(s)	
INVOICE	Required	Character	1	40		Merchant inv characters (A sensitive. All in INVOICE. integrated wi maximum inv the environm only; the valu
LANE	Optional	Numeric	1	8		This field is u **Example:** 1
NOTIFY_SCA_EVENTS	Optional	Boolean			TRUE FALSE	If this field is broadcasts as the device wh host as Unsol This is applic Devices Only POS_IP and events should as a condition transaction. T consumer inte duration and port.
PURCHASE_ID	Conditional	Character	1	25		Purchase ID. processing. P the special ch PURCHASE
SERVER_ID	Optional	Numeric	1	10		This indicates transaction. **E**
SHIFT_ID	Optional	Character	1	1		This indicates
STORE_NUM	Optional	Character	1	6		Store number
TABLE_NUM	Optional	Numeric	1	5		Table numbe 10
SCREEN_UPDATES_ENABLED	Optional	Binary			Valid values: • 0 - Does not display Authorizing and Status Screens • 1 - Displays Authorizing and Status Screens (Default)	Determines w Transaction S in Gift card tr

Field	Rule	Type	Minimum	Maximum	Value(s)	
TRAINING_MODE	Optional	List	1	3	OFF ON	This field is i the session. T host simulatio approvals. **NO** (enabled), tra Training Mod <TRAINING from POS.
COUNTER	Required	Numeric	1	10		COUNTER is COUNTER s This is used t 100
MAC	Required	Base64 Encoded Data	N/A	N/A	N/A	Message Aut authenticate t
MAC_LABEL	Required	Character	1	50		Associated la MAC_KEY t This is used t REG1

Keyed Account Information

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
ACCT_NUM	Optional	Numeric	1	25	PAYMENT	This field is used to enter the account number manually. For this MANUAL_ENTRY must be set to TRUE. Pre-swipe data will not be honored. **Example:** 67823456781313
CARD_EXP_MONTH	Required	Numeric	2	2		Card expiry month. **Example:** 12 **NOTE:** If the encryption is set to TRUE, then SCI will use 12 as default value if this field is not passed.
CARD_EXP_YEAR	Required	Numeric	2	2		Card expiry year. **Example:** 49 **NOTE:** If encryption is set to TRUE, SCI will use 49 as default value if this field is not passed.
BARCODE	Optional	Character	1	100		Barcode scanning option.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
PIN_CODE	Required	Numeric	1	12		Gift PIN code. **Example:** 5.00
CVV2	Optional	Numeric	1	10		Card Verification Value 2.

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>BLOCK_ACTIVATE</COMMAND>
        <COUNTER>1</COUNTER>
        <MAC> … </MAC>
        <MAC_LABEL>REG2</MAC_LABEL>
        <PAYMENT_TYPE>GIFT</PAYMENT_TYPE>
```

```
        <ENCRYPT>TRUE</ENCRYPT>
        <TRANS_AMOUNT>100.00</TRANS_AMOUNT>
        <TOT_NUM_CARDS>10</TOT_NUM_CARDS>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. **Example:** CAPTURED.
RESULT	Character		This indicates the Result details. Commonly CAPTURED or DECLINED.
RESULT_CODE	Numeric	Expected result code: 4, 59040	This indicates the result 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
EMBOSSED_ACCT_NUM	Numeric		Card number conditionally returned if present in the SSI response. Returned if payment type = GIFT and returnembossednumforgift is enabled. **Example:** 6499991111115789
MERCHID	Numeric		Merchant ID. **Example:** 900000000123
TERMID	Numeric		Merchant ID. **Example:** 001
TRANS_SEQ_NUM	Numeric		Processor/Batch transaction sequence number. **NOTE:** For private label transaction (ADS), PT_SEQ_NUM field will be mapped to TRANS_SEQ_NUM and TROUTD fields back to SCA. **Example:** 5
INTRN_SEQ_NUM	Numeric		PWC transaction ID. **Example:** 123456789
AUTH_CODE	Character		Processor authorization number. **Example:** 123456
TROUTD	Numeric		Transaction routing ID. **Example:** 123456789

Field	Type	Value	Description
CTROUTD	Numeric		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.
LPTOKEN	Numeric		LP Token is a non-sensitive unique number assigned to each unique card number processed with the UGP gateway. This value will automatically increment by one for each unique card number. This is a conditional field. **Example:** 12457 **NOTE:** Refer to Responses from Point section in Message Format.
PAYMENT_MEDIA	Character		Mode of payment. Commonly VISA/MC/DISC/AMEX/DEBIT. **Example:** : GIFT/MERCHANDISE
PAYMENT_TYPE	Character		Payment type returned, like Gift. **Example:** GIFT/MERCH_CREDIT
ACCT_NUM	Numeric		Returned the masked account number. **NOTE:** If UNMASKEDPANFORNONPCI=1 then the account number will be sent back to POS as unmasked for non PCI cards. Refer to GSC Parameters for more details on the parameter. **Example:** 600649******9147
CARDHOLDER	Character		Returned for swiped transactions. **Example:** TEST PROCESSOR
CARD_EXP_MONTH	Numeric		Card expiry month. **Example:** 12
CARD_EXP_YEAR	Numeric		Card expiry year. **Example:** 20
CARD_ENTRY_MODE	Character		Returns card entry mode values. **NOTE:** Refer to Card Entry Mode for details on possible values. **Example:** 123123
CARD_CLASS	Numeric		This field is returned to identify the card type of the gift transaction. **Example:** 0
PIN_CODE	Numeric		Gift PIN code. This is a conditional field. This field will return in POS response if GIFTPINTOPOS parameter is enabled. Refer to Application Parameters for more details on the parameter.

Field	Type	Value	Description
APPROVED_AMOUNT	Floating point number		The amount which got approved. **Example:** 5.00.
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:** 100.00.
PREVIOUS_BALANCE	Floating point number		Previous balance on card. **Example:** 200.00.
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
TOT_NUM_CARDS	Numeric		Total number of cards activated. **Example:** 1-99
VSP_CODE	Numeric		If present, returns the VSP code. **Example:** 100
VSP_RESULTDESC	Boolean	SUCCESS or FAILURE	If present, returns the VSP result description.
VSP_TRXID	Numeric		If present, returns the VSP transaction ID. **Example:** 012345678901234567
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 field is returned in most of the GIFT administrative transactions. **Example:** 7987654321098765 **NOTE:** Refer to Card Tokens section in Point Integration Best Practices.
TOKEN_SOURCE	Character	Source of the 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>`

Example

Following is an example of response packet

```
<RESPONSE>
        <APPROVED_AMOUNT>100.00</APPROVED_AMOUNT>
        <AVAILABLE_BALANCE>100.00</AVAILABLE_BALANCE>
        <ACCT_NUM>600649******9147</ACCT_NUM>
        <AUTH_CODE>ABC001</AUTH_CODE>
        <CARDHOLDER>PROCESSOR/GIFT</CARDHOLDER>
```

```
        <CTROUTD>141</CTROUTD>
        <INTRN_SEQ_NUM>569230</INTRN_SEQ_NUM>
        <PAYMENT_MEDIA>GIFT</PAYMENT_MEDIA>
        <PAYMENT_TYPE>GIFT</PAYMENT_TYPE>
        <RESPONSE_TEXT>CAPTURED</RESPONSE_TEXT>
        <RESULT>CAPTURED</RESULT>
        <RESULT_CODE>4</RESULT_CODE>
        <TOT_NUM_CARDS>90</TOT_NUM_CARDS>
        <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
        <TRANS_SEQ_NUM>19</TRANS_SEQ_NUM>
        <TROUTD>569230</TROUTD>
</RESPONSE>
```