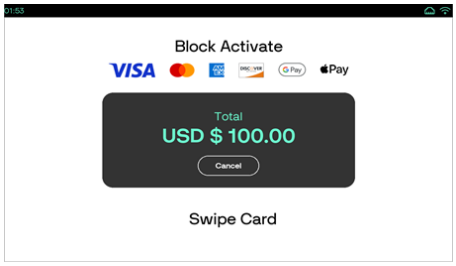
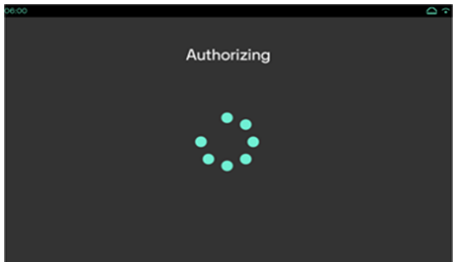
BLOCK ACTIVATE

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

Device UI Required

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)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	PAYMENT	Type of function.
COMMAND	Required	Static value	N/A	N/A	BLOCK_ACTIVATE	Command name
PAYMENT_TYPE	Required	List	N/A	N/A	GIFT MERCH_CREDIT	Payment type field for Gift or Merchandise Credit. **NOTE:** PAYMENT_TYPE field is mandatory for card token based transactions.
PAYMENT_SUBTYPE	Optional	List	N/A	N/A		Payment subtype field. **Example:** BLACKHAWK

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
TRANS_AMOUNT	Required	Floating point number (decimal)	1(2)	6(2)		This indicates the transaction amount. This amount must be a non-zero amount. **Example:** 5.00
MANUAL_ENTRY	Optional	Boolean	N/A	N/A	• TRUE • FALSE	This is to instruct SCA to collect the account information through the keypad on the device.
MANUAL_PROMPT_OPTIONS	Optional	Character	1	50	NOEXP	This field is applicable when MANUAL_ENTRY is set to TRUE. The value is NOEXP, hence when this field is present, SCA will not prompt for expiration.
TOT_NUM_CARDS	Optional	Numeric	1	2	NOEXP	Total number of cards required to activate. **Exanple:** 10

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
ENCRYPT	Conditional	Boolean	N/A	N/A	TRUE FALSE	This field is required to encrypt the PAN details before passing it on to processor/gateway. In case of P2PE encryption, this field value will be TRUE as default value. **NOTE:** If this field is not present, then the application will internally treat this field as a value TRUE when the device encryption is ADE/VSD.
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliation field to be echoed back in response to POS. **Example:** RetailPOS1

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. **Example:** Merchant defined data

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
BANK_USERDATA	Conditional	Character	1	50		Returned with CARD_TOKEN. Whatever comes back with BANK_USERDATA in the response for the token should also be sent in the request. **Example:** 01/00/02/Visa/
CARD_TOKEN	Conditional	Character	1	40		Card token is processor-based or gateway-based and can represent a unique card. Refer to Two Way Card Token section. **Example:** 7987654321098765
TKN_RENEW	Conditional	Character		1	Valid value: 1	Application will send this field to the Gateway, requesting for Token renewal. As of this publication, this is applicable for UGP only.
CASHIER_ID	Optional	Character	1	10		This indicates the Cashier ID performing the transaction ID. **Example:** 7987654321098765

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
CDD_DATA	Optional	Character	1	30		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. **Example:** <CDD_DATA>INV200471</CDD_DATA>

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
INVOICE	Required	Character	1	40		Merchant invoice number. Maximum 40 characters (A-Z, a-z, 0-9) and these are not case sensitive. All the special characters are supported in INVOICE. **Example:** TA1234 **NOTE:** POS, integrated with the application should handle maximum invoice applicable for the host used in the environment. Worldpay Direct allows numeric only; the value may not be all zeroes.
LANE	Optional	Numeric	1	8		This field is used to identify the retail lane. **Example:** 1

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
NOTIFY_SCA_EVENTS	Optional	Boolean			TRUE FALSE	If this field is set to TRUE, then it returns event broadcasts as play by play of what is occurring on the device when interacting with consumer and host as Unsolicited Consumer Selection response. This is applicable to Worldpay Direct Engage Devices Only (as of this publication). **NOTE:** POS_IP and POS_PORT must be sent. Broadcast events should be used as information only and not as a condition for stopping or resuming a transaction. The exception would be in case where consumer interaction has lapsed for certain duration and POS elects to CANCEL on secondary port.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
PURCHASE_ID	Conditional	Character	1	25		Purchase ID. This is required for Level II processing. P.O. Number or Customer Code. All the special characters are supported in PURCHASE_ID. **Example:** 1
SERVER_ID	Optional	Numeric	1	10		This indicates the Server ID, performing the transaction. **Example:** 560
SHIFT_ID	Optional	Character	1	1		This indicates the Shifts at the store. **Example:** 2
STORE_NUM	Optional	Character	1	6		Store number. **Example:** 203
TABLE_NUM	Optional	Numeric	1	5		Table number. Collected for receipts. **Example:** 10

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
TRAINING_MODE	Optional	List	1	3	OFF ON	This field is included to turn on Training Mode for the session. Transactions are routed to HIF Test for host simulation and results are mocked for approvals. **NOTE:** When DEMO parameter is 1 (enabled), transactions will be performed in Training Mode without the need to pass <TRAINING_MODE>ON</TRAINING_MODE> from POS.
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

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:** 6782345678131 3

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

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

Field	Type	Value	Description
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
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.

Field	Type	Value	Description
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

Field	Type	Value	Description
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.
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.

Field	Type	Value	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>`

Field	Type	Value	Description
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>
```