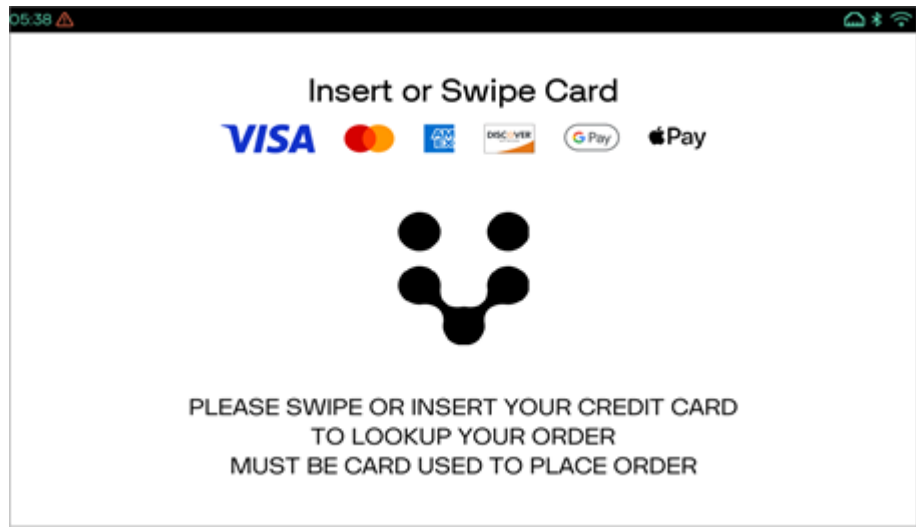
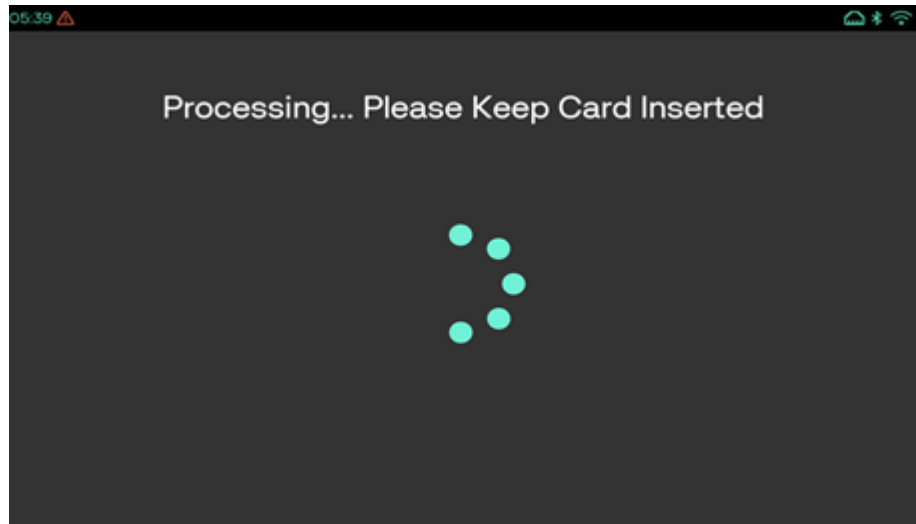
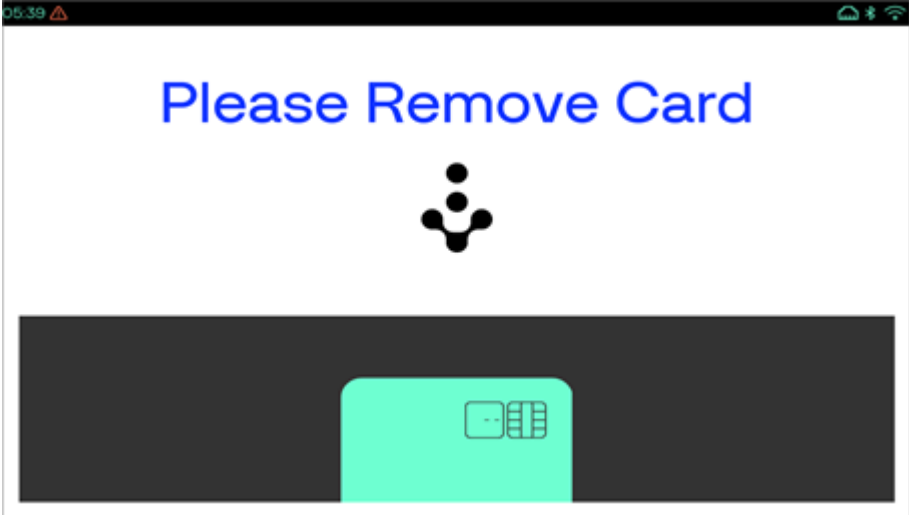


GET_CARD_DATA

This command retrieves card data using the payment device and sends it to the POS.

Device UI Required

| Display | User Action | Terminal Action |
|--|---------------------------|---|
|  <p>The screenshot shows a white screen with the title "Insert or Swipe Card". Below the title are logos for VISA, Mastercard, AMEX, DISCOVER, Google Pay, and Apple Pay. In the center is the Verifone logo (four black dots arranged in a circle). Below the logo, the text reads: "PLEASE SWIPE OR INSERT YOUR CREDIT CARD TO LOOKUP YOUR ORDER MUST BE CARD USED TO PLACE ORDER". The status bar at the top shows the time 05:38 and various icons.</p> | Insert or swipe the card. | The device displays the card reader screen. |
|  <p>The screenshot shows a dark grey screen with the text "Processing... Please Keep Card Inserted" in white. Below the text is a green Verifone logo (four green dots arranged in a circle). The status bar at the top shows the time 05:39 and various icons.</p> | No action | The device displays the processing screen. |

| Display | User Action | Terminal Action |
|--|-------------|---|
|  | No action | The device displays the remove card prompting screen. |

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 | GET_CARD_DATA | Command name |
| DISPLAY_TEXT1 | Optional | Character 1 | | 50 25 (for e235 device) | | Displays text line 1. Example: PLEASE SWIPE OR INSERT YOUR CREDIT CARD |
| DISPLAY_TEXT2 | Optional | Character 1 | | 50 25 (for e235 device) | | Displays text line 2. Example: TO LOOK UP YOUR ORDER |
| DISPLAY_TEXT3 | Optional | Character 1 | | 50 25 (for e235 device) | | Displays text line 3. Example: MUST BE CARD USED TO PLACE ORDER |

| Field | Rule | Type | Minimum | Maximum | Value(s) | Description |
|-------------------|----------|---------------------|---------|---------|--|--|
| CARD_INPUT_METHOD | Required | List | | | <ul style="list-style-type: none"> • SWIPE • TAP • INSERT | <p>This is the input method for card entry mode. This inputs should be pipe delimited.</p> <p>Example: SWIPE INSERT</p> |
| POS_RECON | Optional | Character | 1 | 30 | | <p>POS reconciliation.</p> <p>POS Reconciliation field to be echoed back in response to POS. Example: RetailPOS1</p> |
| COUNTER | Required | Numeric | 1 | 10 | | <p>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</p> |
| MAC | Required | Base64 Encoded Data | | | | <p>Message Authentication Code. This is used to authenticate the POS.</p> |
| MAC_LABEL | Required | Character | 1 | 50 | | <p>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</p> |

Example

Following is an example of request packet

```

<TRANSACTION>
  <FUNCTION_TYPE>DEVICE</FUNCTION_TYPE>
  <COMMAND>GET_CARD_DATA</COMMAND>
  <DISPLAY_TEXT1>PLEASE SWIPE OR INSERT YOUR CREDIT CARD</DISPLAY_TEXT1>
  <DISPLAY_TEXT2>TO LOOKUP YOUR ORDER</DISPLAY_TEXT2>
  <DISPLAY_TEXT3>MUST BE CARD USED TO PLACE ORDER</DISPLAY_TEXT3>
  <CARD_INPUT_METHOD>SWIPE|INSERT</CARD_INPUT_METHOD>
  <COUNTER>1</COUNTER>
  <MAC> ... </MAC>
  <MAC_LABEL>REG2</MAC_LABEL>
</TRANSACTION>

```

Response Packet

| Field | Type | Value | Description |
|--------------------|-----------|---|---|
| RESPONSE_TEXT | Character | | Processor response text. Example: CARD DATA RECEIVED |
| RESULT | Character | | This indicates the Result details. Example: OK |
| RESULT_CODE | Numeric | Expected result code: -1, 59001, 59006, 59040 | This indicates the result code. Refer to Result/Error Codes for details. |
| TERMINATION_STATUS | Character | SUCCESS or 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. |
| COUNTER | Numeric | | Echoes counter sent in the request. Example: 100 |
| CARD_TRACK1 | Character | | Returns card track 1 data. Example: T1 DATA UNFORMATTED |
| CARD_TRACK2 | Character | | Returns card track 2 data. Example: T2 DATA UNFORMATTED |
| CARD_TRACK3 | Character | | Returns card track 3 data. Example: T3 DATA UNFORMATTED |
| ACCT_NUM | Character | | Returns the account number. PCI card data will be masked. PCI cards will not return track data fields. Example: 73439839838938398 |
| CARD_EXP_MONTH | Numeric | | Card expiry month. Example: 12 |
| CARD_EXP_YEAR | Numeric | | Card expiry year. Example: 19 |
| CARDHOLDER | Character | | Conditionally returns for swiped cards. Example: TEST |
| CARD_ENTRY_MODE | Character | | Returns card entry mode values. Refer to Card Entry Mode for details on possible values. Example: SWIPE |
| POS_RECON | Character | | POS reconciliation field echoed back if sent in request. Example: RetailPOS1 |

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>
  <RESPONSE_TEXT>CARD DATA RECEIVED</RESPONSE_TEXT>
  <RESULT>OK</RESULT>
  <RESULT_CODE>-1</RESULT_CODE>
  <TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
  <COUNTER>1</COUNTER>
  <CARD_TRACK2> T2 DATA UNFORMATTED</CARD_TRACK2>
  <ACCT_NUM>73439839838938398</ACCT_NUM>
  <CARD_EXP_MONTH>12</CARD_EXP_MONTH>
  <CARD_EXP_YEAR>19</CARD_EXP_YEAR>
  <CARDHOLDER>TEST</CARDHOLDER>
  <CARD_ENTRY_MODE>SWIPE</CARD_ENTRY_MODE>
</RESPONSE>
```