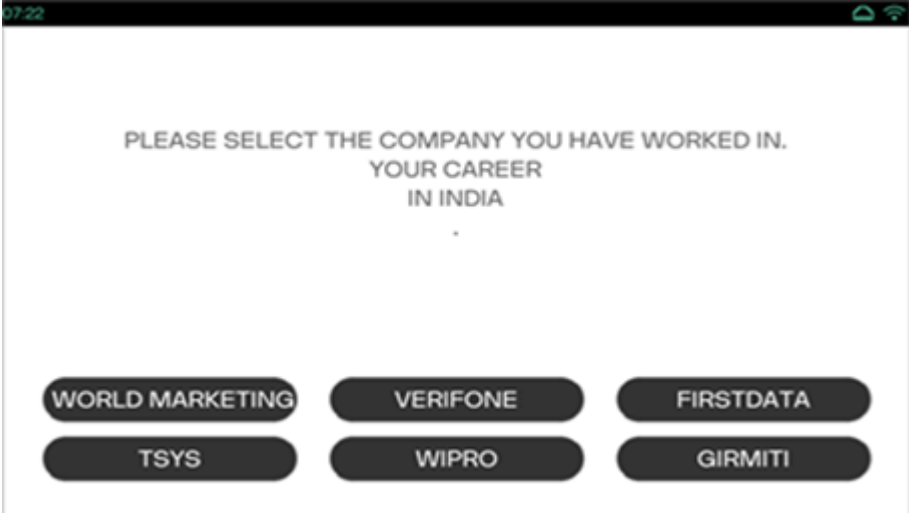# CUSTOMER_BUTTONS

This command directs the device to display up to five (5) lines of display text and up to six (6) on screen button selections with corresponding labels.

Device UI Required

Display	User Action	Terminal Action
	Select the button (s) and Enter.	The device displays the Customer Buttons list screen.

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Descriptio
FUNCTION_TYPE	Required	Static value	N/A	N/A	DEVICE	Type of function.
COMMAND	Required	Static value	N/A	N/A	CUST_BUTTON	Command name
DISPLAY_TEXT1	Optional	Character	1	45		Displays text line 1. **Example:** *PLEA COMPANY*
DISPLAY_TEXT2	Optional	Character	1	45		Displays text line 2. **Example:** *YOU*
DISPLAY_TEXT3	Optional	Character	1	45		Displays text line 3. **Example:** *THRO*
DISPLAY_TEXT4	Optional	Character	1	45		Displays text line 4. **Example:** *YOUI*
DISPLAY_TEXT5	Optional	Character	1	45		Displays text line 5. **Example:** *CARI*

Field	Rule	Type	Minimum	Maximum	Value(s)	Descriptio
BUTTON_LABEL1	Optional	Character	1	15 10 (for e235 device)		Label for Button 1. **Example:** *WORl*
BUTTON_LABEL2	Optional	Character	1	15 10 (for e235 device)		Label for Button 2. **Example:** *VERIl*
BUTTON_LABEL3	Optional	Character	1	15 10 (for e235 device)		Label for Button 3. **Example:** *FIRSf*
BUTTON_LABEL4	Optional	Character	1	15 10 (for e235 device)		Label for Button 4. **Example:** *TSYS*
BUTTON_LABEL5	Optional	Character	1	15 10 (for e235 device)		Label for Button 5. **Example:** *WIPRf*
BUTTON_LABEL6	Optional	Character	1	15 10 (for e235 device)		Label for Button 6. **Example:** *GIRM*
RETURN_SCREEN	Optional	Character	1	15		Return screen.
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliat in response to POS. **Example:** Retail
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC should be higher than the last one. Th the POS. **Example:** 100

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MAC	Required	Base64 Encoded Data		44		Message Authentication Code. This i... POS. **Example:** fK6w3AYFSWYC7IavAjcYZUgzO...
MAC_LABEL	Required	Character	1	50		Associated label that tells the device to decrypt the value of MAC. This is... POS. **Example:** P_AFV1IM

Note

On the e235 device, only three lines of DISPLAY_TEXT lines will be properly visible on the screen due to its small size. Additionally, ensure that each line is limited to a maximum of 28 characters.

Example

Following is an example of request packet

```
<TRANSACTION>
    <FUNCTION_TYPE>DEVICE</FUNCTION_TYPE>
    <COMMAND>CUST_BUTTON</COMMAND>
    <DISPLAY_TEXT1>PLEASE SELECT THE COMPANY YOU HAVE WORKED IN.</
DISPLAY_TEXT1>
    <DISPLAY_TEXT2> YOUR CAREER</DISPLAY_TEXT2>
    <DISPLAY_TEXT3>IN INDIA</DISPLAY_TEXT3>
    <DISPLAY_TEXT4>.</DISPLAY_TEXT4>
    <DISPLAY_TEXT5></DISPLAY_TEXT5>
    <BUTTON_LABEL1>WORLD MARKETING</BUTTON_LABEL1>
    <BUTTON_LABEL2>VERIFONE</BUTTON_LABEL2>
    <BUTTON_LABEL3>FIRSTDATA</BUTTON_LABEL3>
    <BUTTON_LABEL4>TSYS</BUTTON_LABEL4>
    <BUTTON_LABEL5>WIPRO</BUTTON_LABEL5>
    <BUTTON_LABEL6>GIRMITI</BUTTON_LABEL6>
    </TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. **Example:** Customer Button Captured
RESULT	Character		This indicates the Result details. **Example:** OK
RESULT_CODE	Numeric	Expected result code: -1, 59006, 59040	This indicates the result code. Refer to Result/Error Codes for details.

Field	Type	Value	Description
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.
CUST_BUTTON_DATA	Character	1, 2, 3, 4, 5, 6	Represents the button selected by the user.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** RetailPOS1
COUNTER	Numeric		Echoes counter sent in the request. **Example:** 100

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>Customer Button Captured</RESPONSE_TEXT>
```

```
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<CUST_BUTTON_DATA>5</CUST_BUTTON_DATA>
<COUNTER>1</COUNTER>
</RESPONSE>
```