

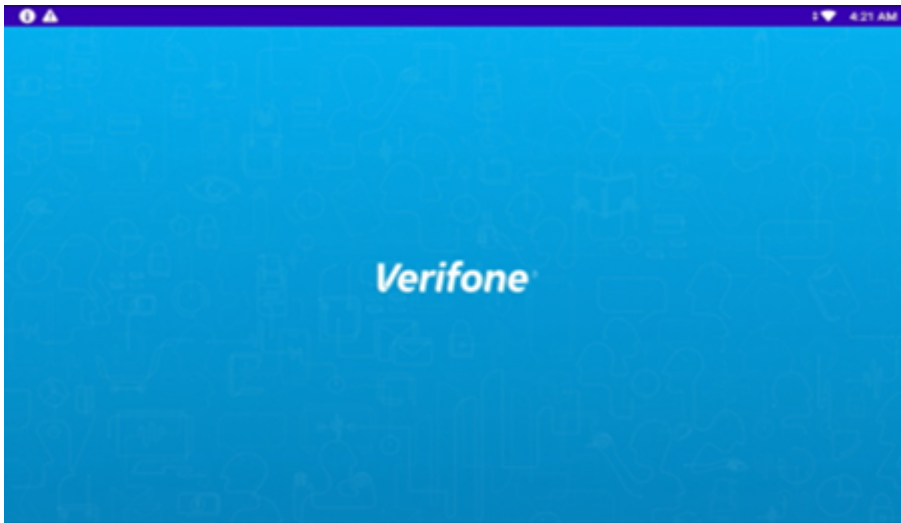
https://verifone.cloud/docs/sca-functional-specification/media_specifictn/ui_engage_device/disp_scrn_ui_eng_devc_m440_424

Updated: 23-Jun-2025

M440/M424 - User Inteface

Idle Screen

The Idle Screen displays upon device power up, after reboot, and after transaction completion. SCA supports the following merchant controlled media areas: Idle Screen Video, Idle Screen Animation, and Idle Screen Full Image.



Note

Refer to [Media File - Size and Formats](#) for more information on Idle screen resolutions and media files.

Line Items Screen

The Line Item Screen displays when the POS sends start transaction message or interactively as the POS scans line items. The key line item display fields are:

Description

Display

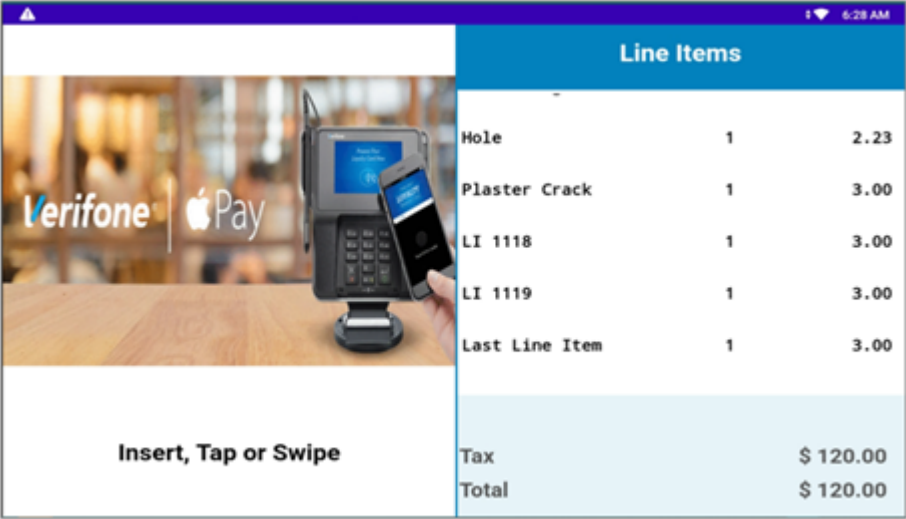
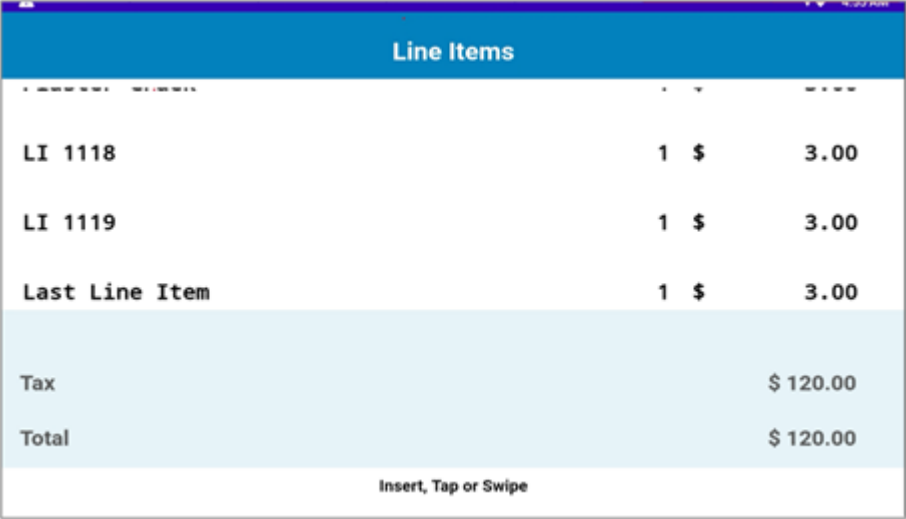
- Quantity
- Description
- Unit Price
- Extended Price
- Running Tax Total
- Running Sub Total (optional)
- Coupons or Discounts

Items	
1 Baseball	\$5.98
4 Golf Balls \$\$.49	\$1.96
8 Golf Tees \$.25	\$2.00
Coupon Redeemed -(\$.75)	
Tax	\$.77
Total:	\$9.83

The Line Item Screen advertising area allows a number of images to be displayed in a sequential order.

Note

Refer to [Media File - Size and Formats](#) for more information on Line Item screen resolutions and media files.

Display	Description
	<p>Line Item (Split screen): Line Item Screen with advertisement area image. The Line Item Display advertising area can be configured to include consumer selection options.</p>
	<p>Line Item (Full screen): Line Item Screen without advertisement area image.</p>


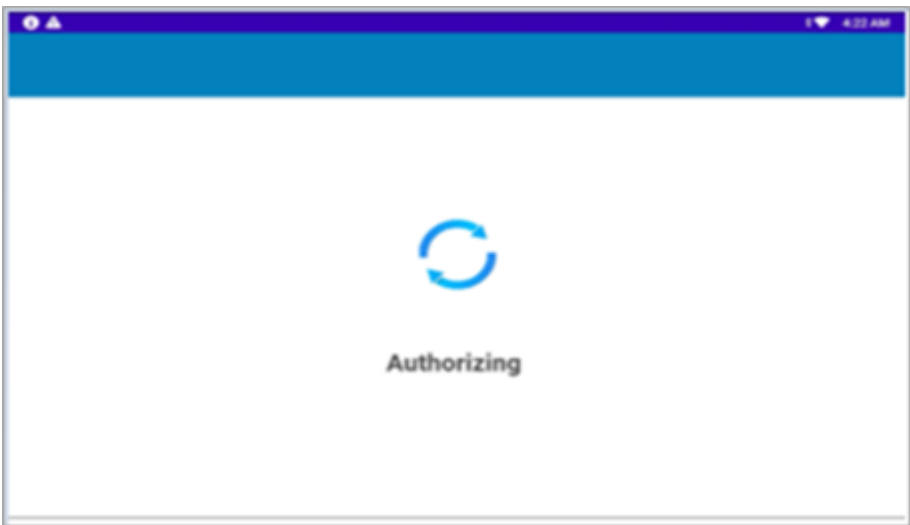
Note

As of this version of document, Transaction Flows, Optional Screens, Device Command Screens sections have been provided based on M440 device only.

Transaction Flows

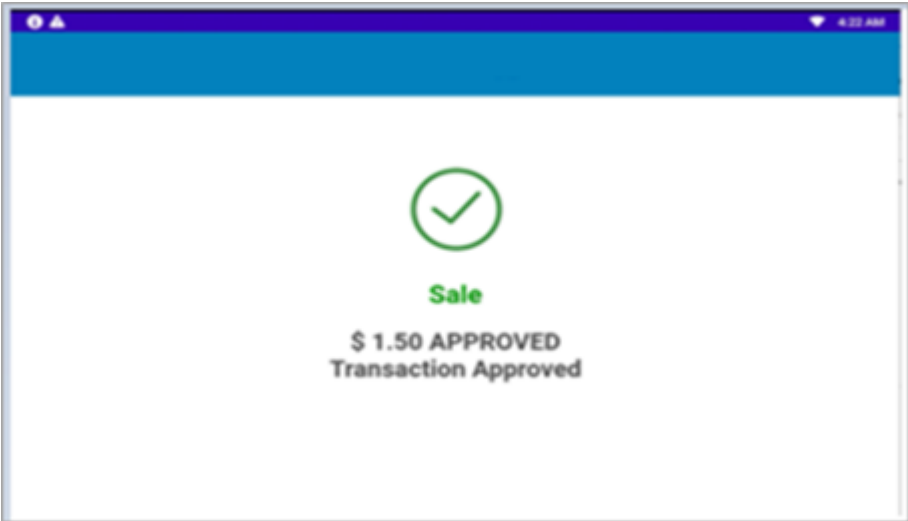
Sale (EMV CT and CTLS with Quick chip enabled)

Sale - Tap

Display	Description
	Select the card entry mode: Tap
	Authorization in progress screen.

Display

Description



Transaction is approved screen. After the transaction is complete, the device will return to the Idle Screen.

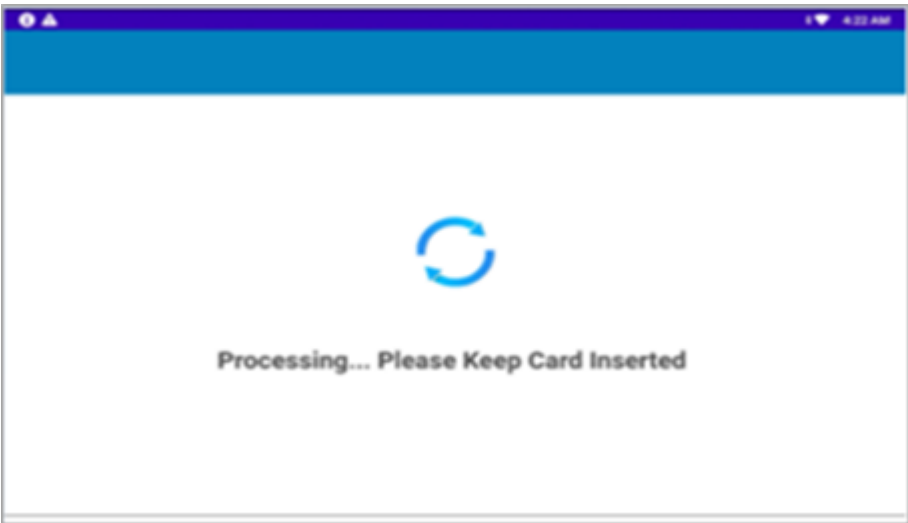
Sale - Insert

Display

Description



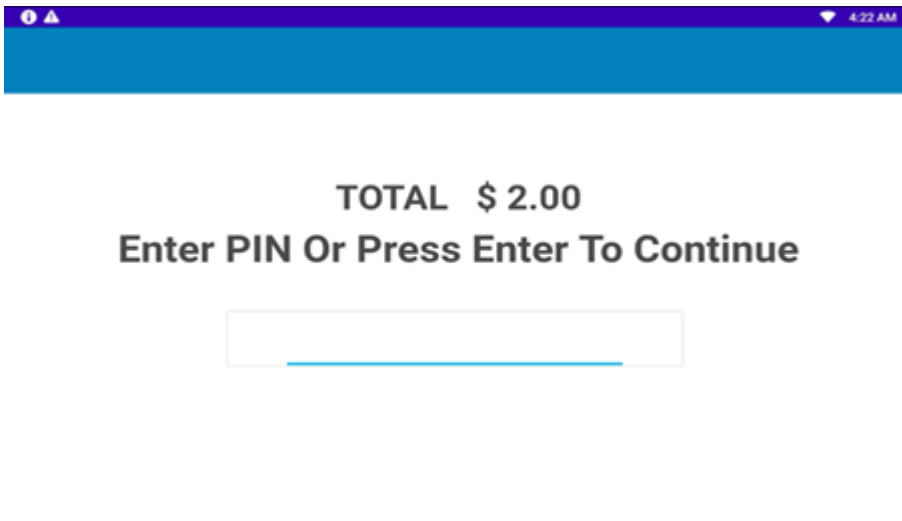
Select the card entry mode: Insert or Swipe.



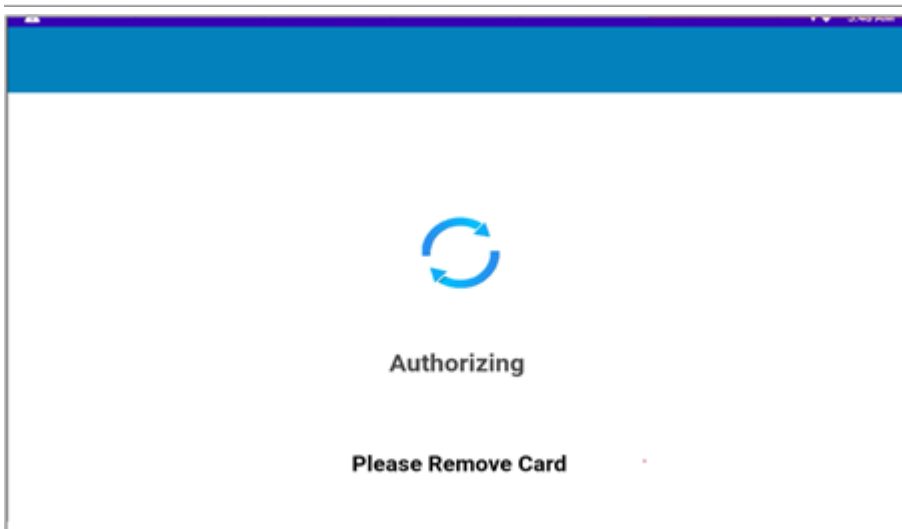
Processing screen and card should be inserted.

Display

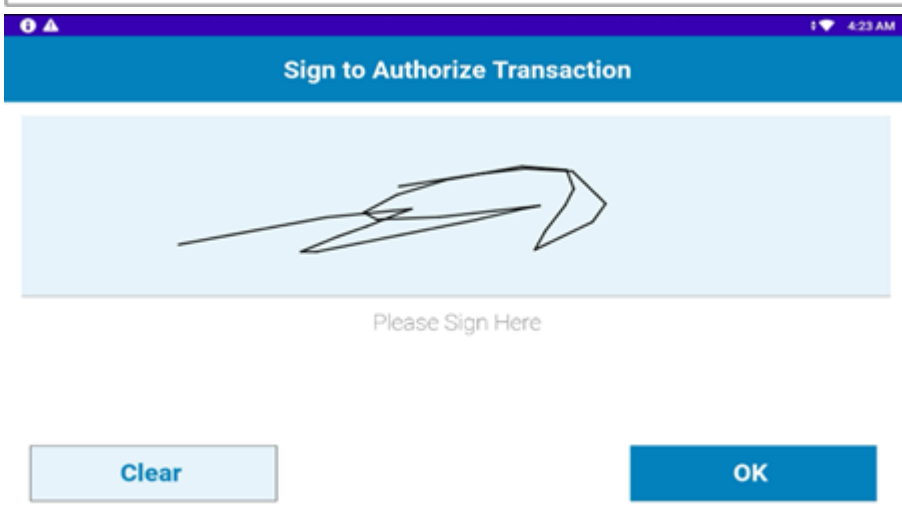
Description



Tap the text box for keyboard input and type the PIN or press the Enter key to continue to next screen.



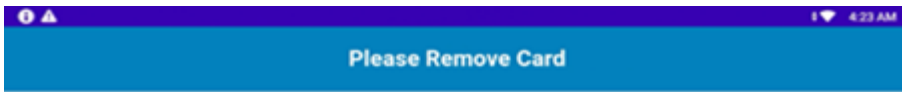
Authorization in progress screen.



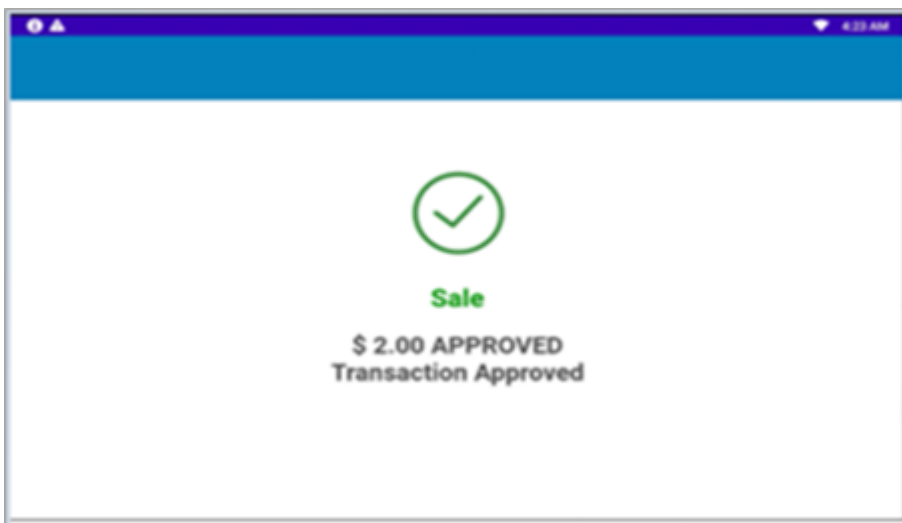
If merchant is configured for enable signature capture and the transactional signature dollar threshold is exceeded, the Signature screen will display. Sign in the signature area and tap OK button. Tap the Clear button on form or physical keypad while a signature is present will clear the signature so that it can be re-written by the cardholder.

Display

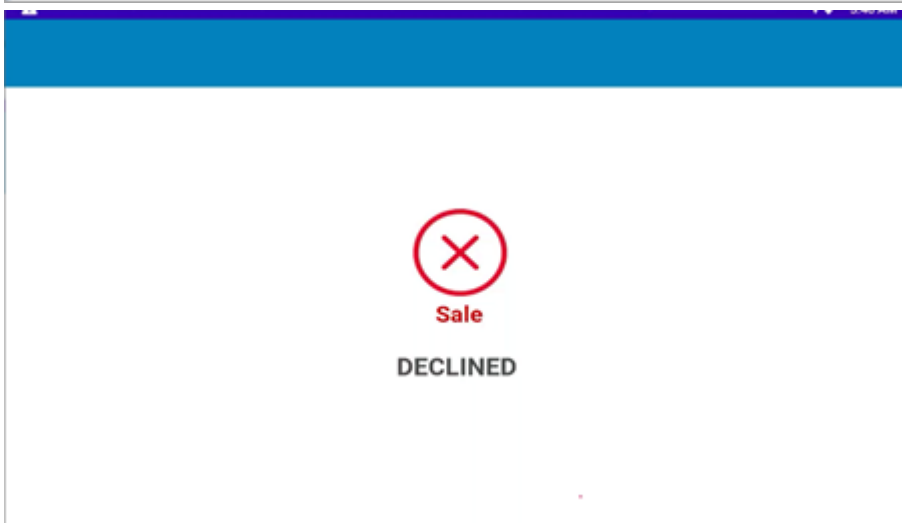
Description



The transaction is completed and the card can be removed. After the card is removed the status screen is displayed, until the next command is sent.



This is the Status screen as Sale Approved.



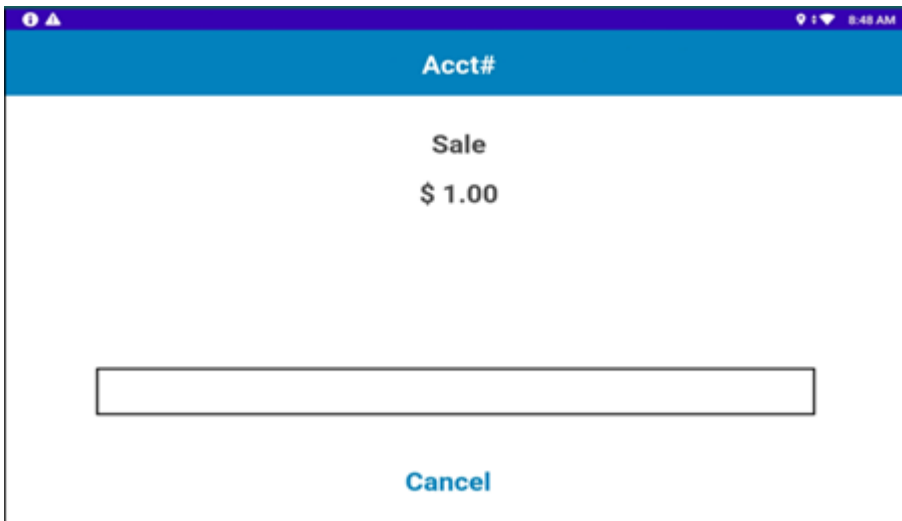
This is the Status screen as Sale Declined.

Additional Sale Screens

Manual Entry - For the transactions with manual card entry, following are the additional screens to gather card details. After three failed card swipe attempts, SCA will display 'Please Wait for the Cashier'. If the merchant configuration is enabled, then the device may next prompt for manual card entry.

Display

Description



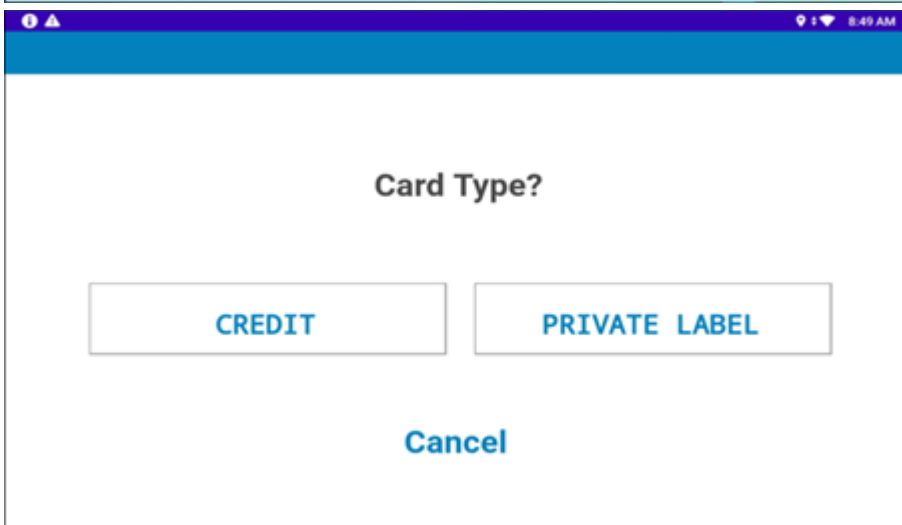
Acct#

Sale

\$ 1.00

Cancel

Tap the text box for keyboard input and type card number. Press the green Enter key on the device keyboard to proceed to Card Type selection screen.



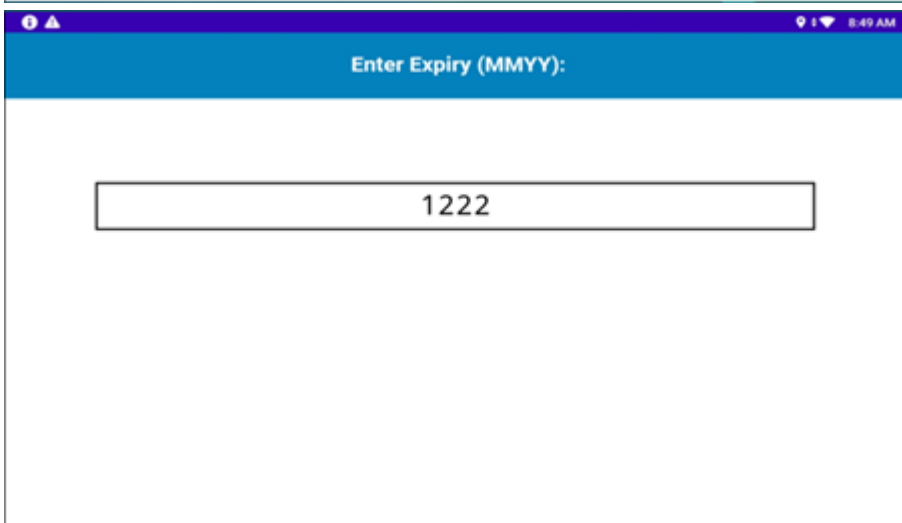
Card Type?

CREDIT

PRIVATE LABEL

Cancel

Select the Card type and proceed to next screen.



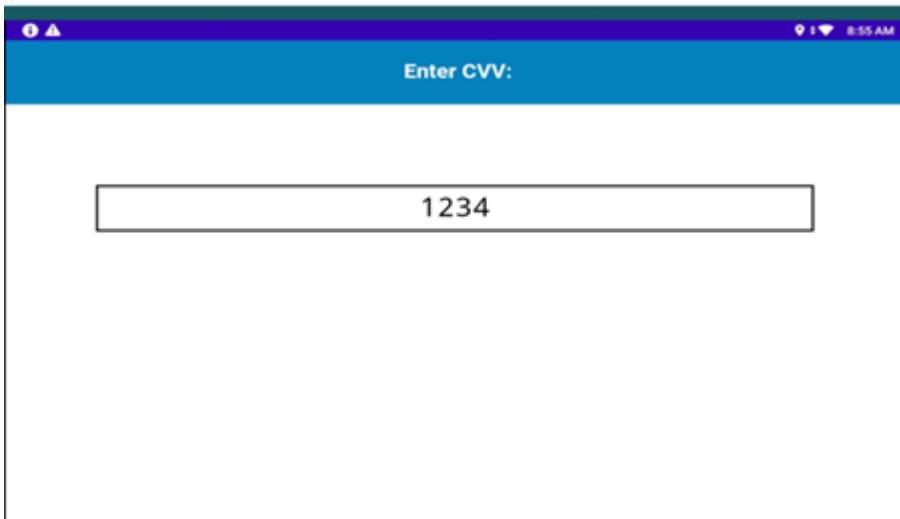
Enter Expiry (MMYY):

1222

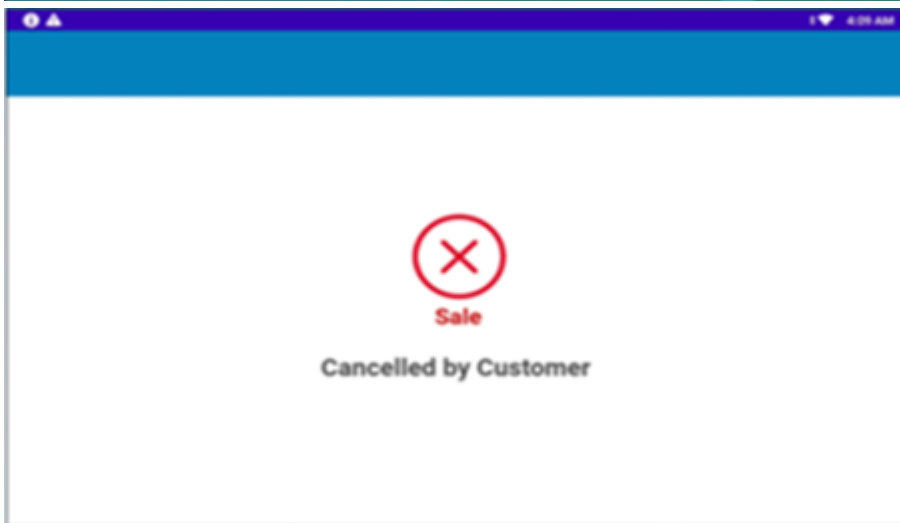
Tap the text box for keyboard input and type the expiration date in MMYY format. Press the green Enter key on the device keyboard. The device will next prompt for CVV Number.

Display

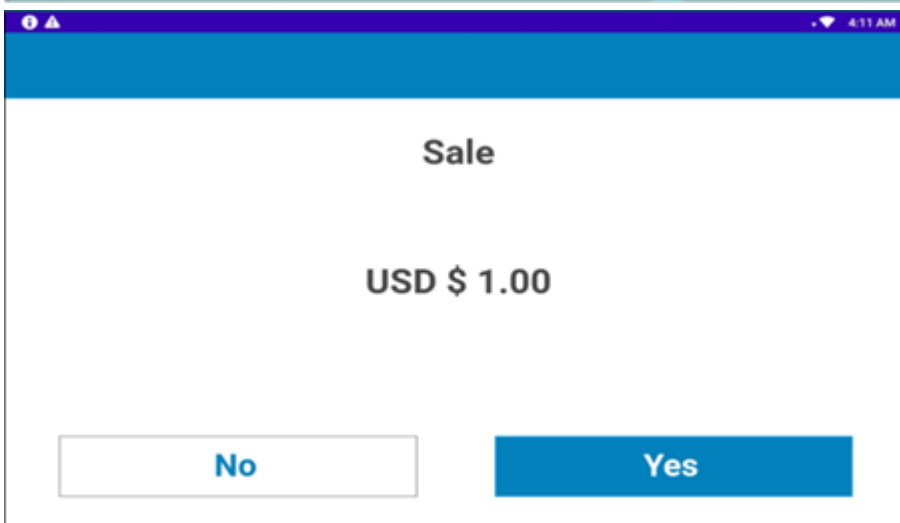
Description



Tap the text box for keyboard input and type the Security Code. Press the green Enter key on the device keyboard.



Cancel by Customer: This screen will be displayed if the transaction is cancelled manually at any point.



Amount Confirmation: Select Yes to confirm the amount to proceed and No to change the amount.

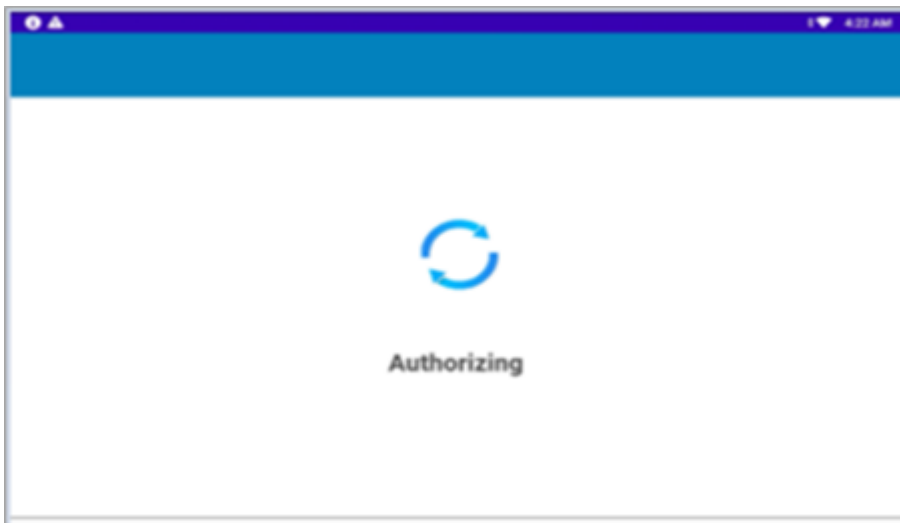
Refund

Display

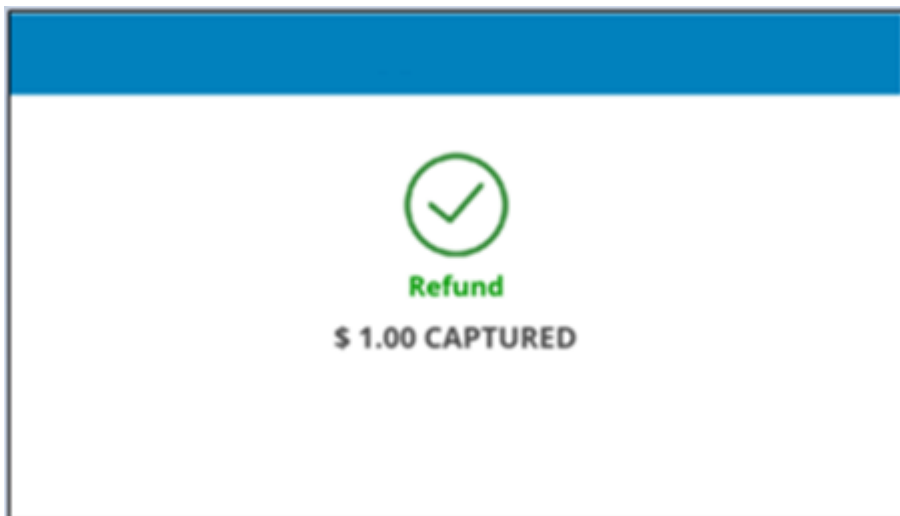
Description



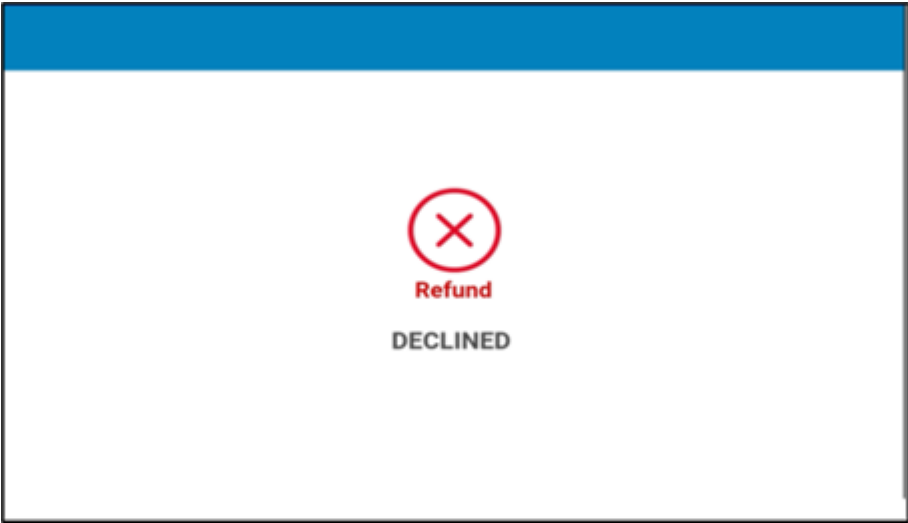
Select the card entry mode: Tap



Authorization in progress screen.



Transaction is approved screen. After the transaction is complete, the device will return to the Idle Screen.

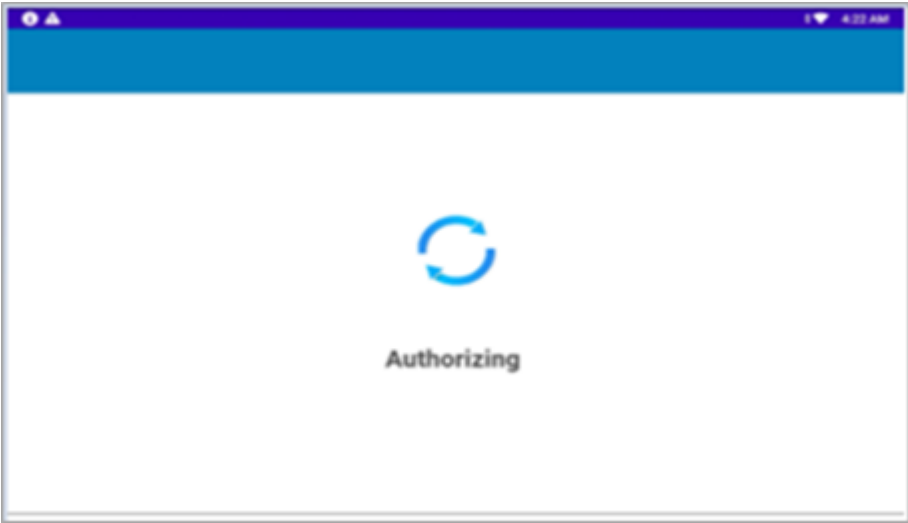


This is the status screen as Refund Declined if the transaction is not approved.

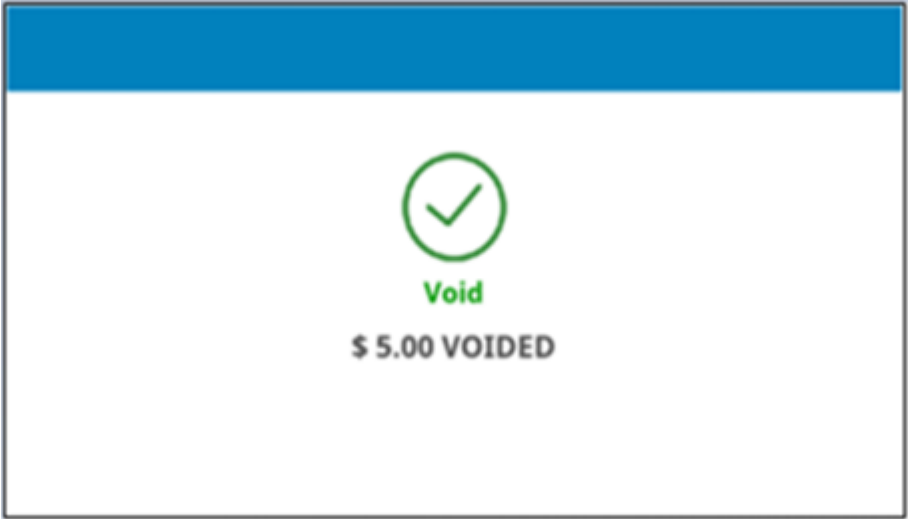
Void

Display

Description



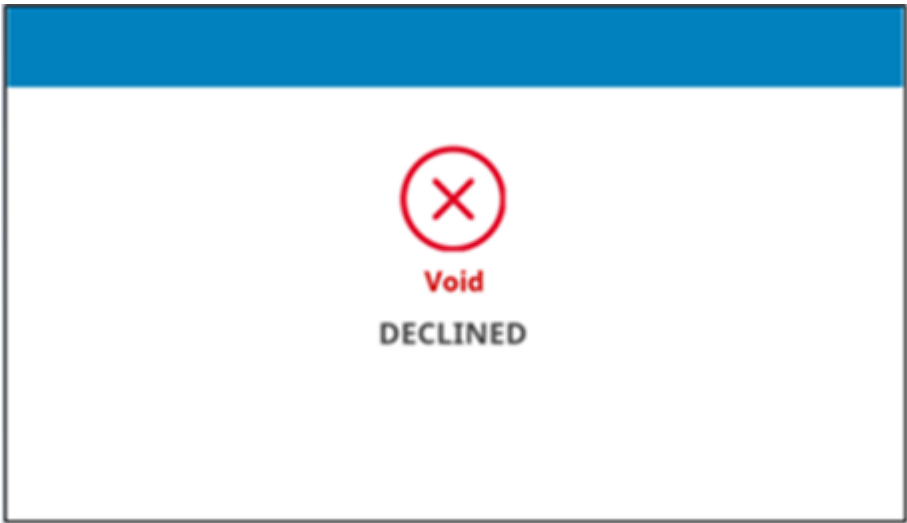
Void transaction is processed, and authorization is in progress screen.



This is the Status screen as Voided (success).

Display

Description



Void declined status screen.

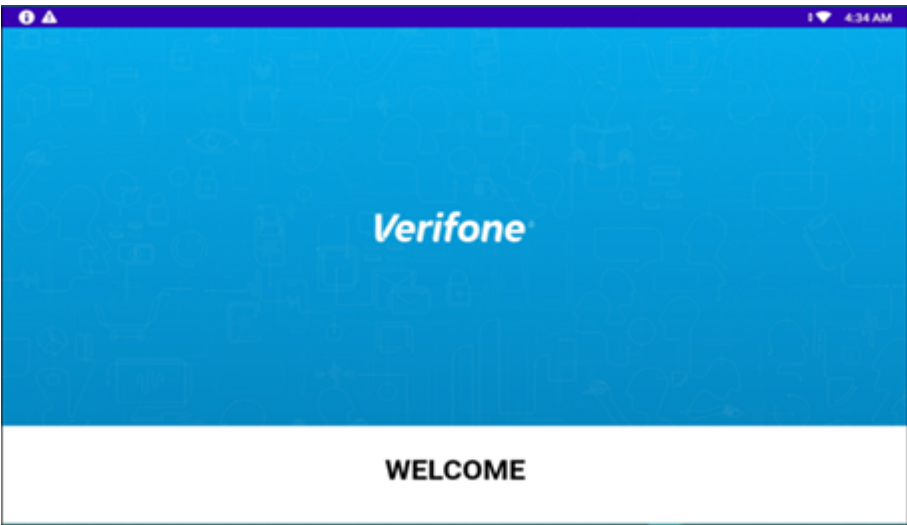
Optional Screens

Optional Screens are displayed during the Sale flow and these screens can be configured based on required parameters.

Welcome Screen

Display

Description

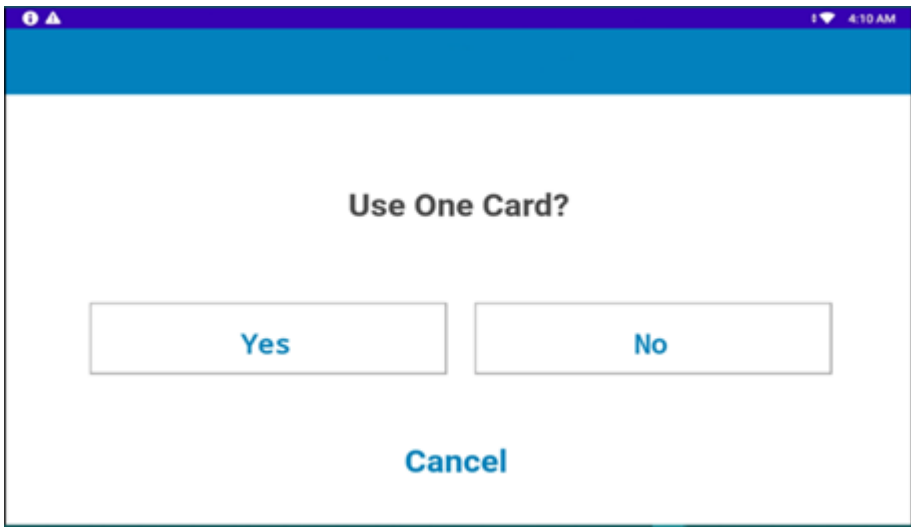


This is the screen within the session when LINEITEMDISPLAY parameter should be set to 0 (disabled) and pre-swipe (SWIPE_AHEAD) field should be sent as 0 (disabled) in Start session command.

Split Tender

Display

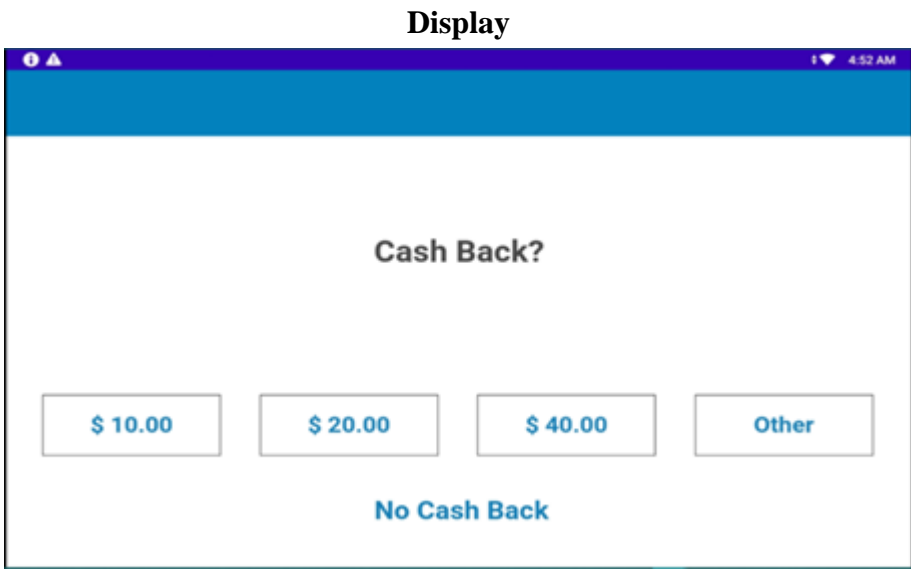
Description



Option to choose if the amount would be divided to two cards.

- Select No to enter the partial amount to pay.
- Select Yes to pay full amount in one card, and Card Read screen would be displayed.

Cash Back



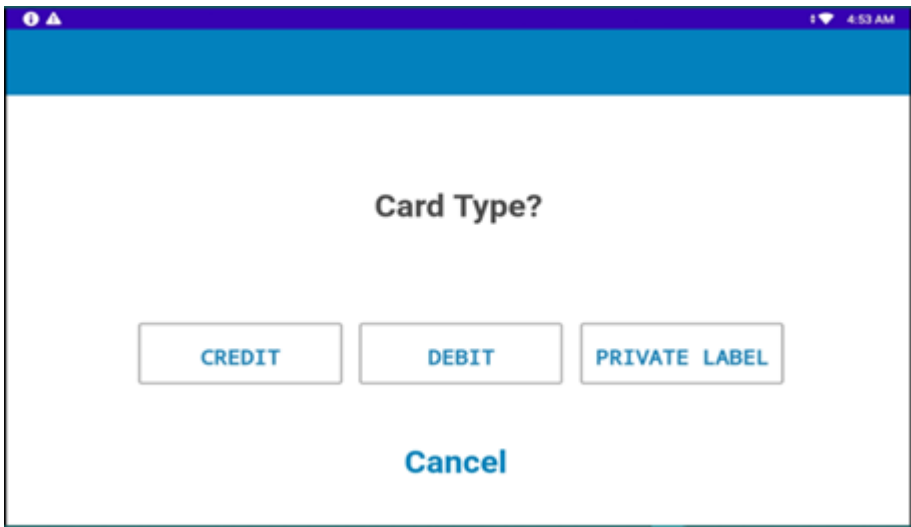
Description

Select any Cashback amount or No Cash Back option. Selection of any amount will prompt for Enter PIN screen. If Other option is selected, then Enter Cash Back screen will be prompt.

Card Type/Payment Type Selection

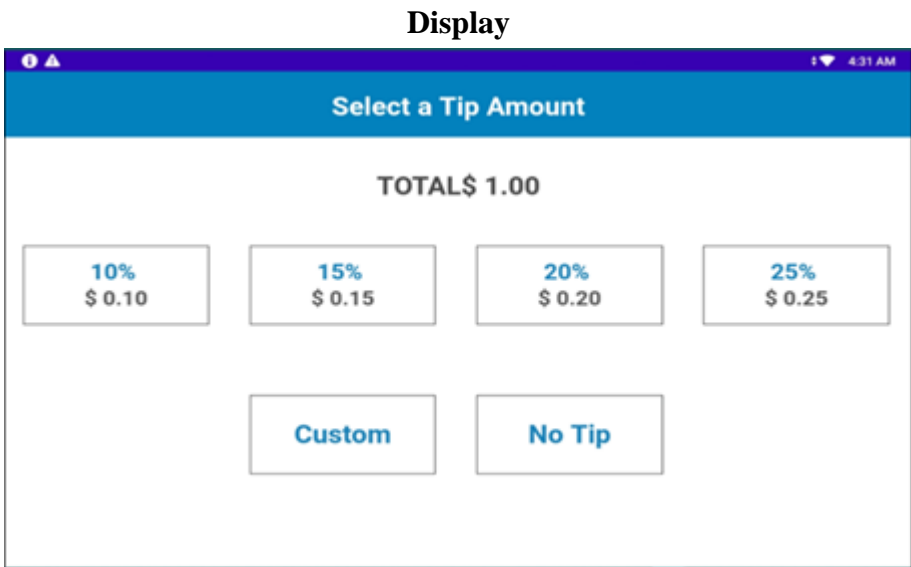
Display

Description



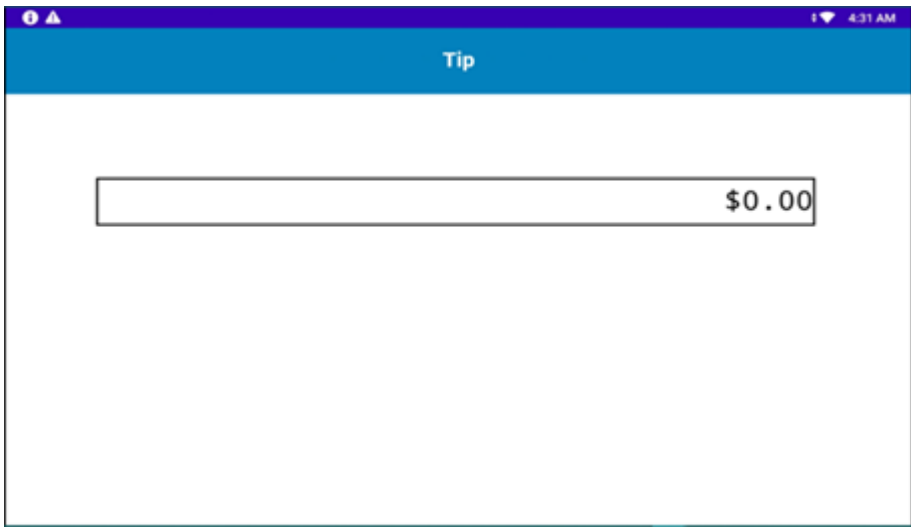
Select the card type.

Tip Selection



Description

Select any predefined Tip amount.

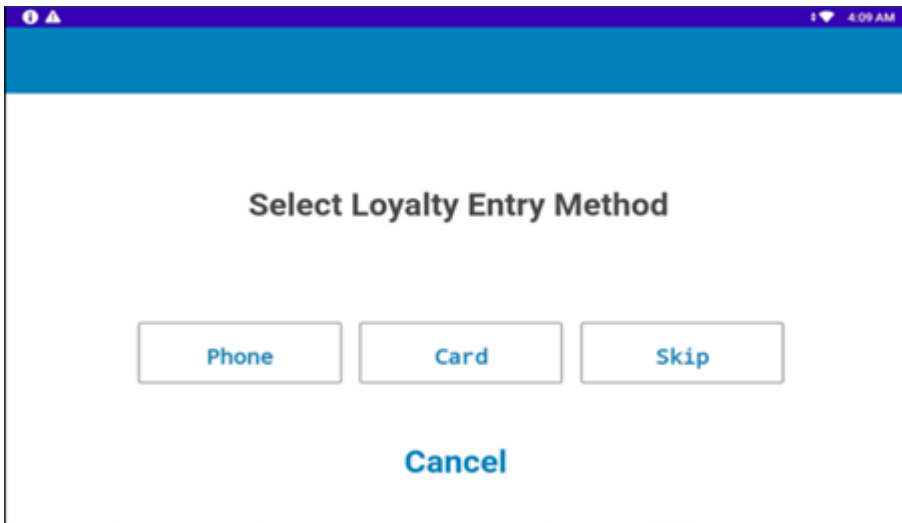


Custom Tip: If selected Custom option in Tip Amount screen, then tap the text box for keyboard input and type the Tip amount.

Loyalty Entry Method

Display

Description

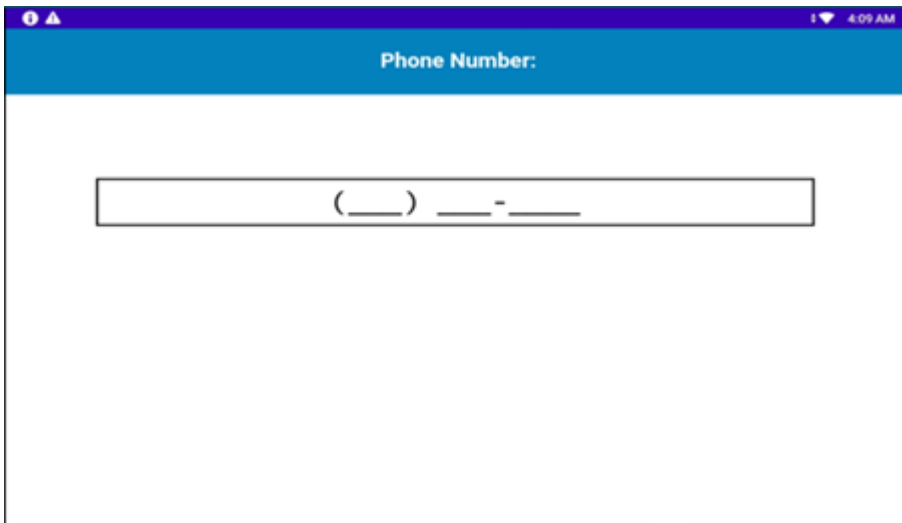


Select **Phone** option to enter phone number or select **Card** option to go to Loyalty Card for card swipe or entering account number. Select **Skip** if Loyalty Entry Method is not required.

Phone Number

Display

Description

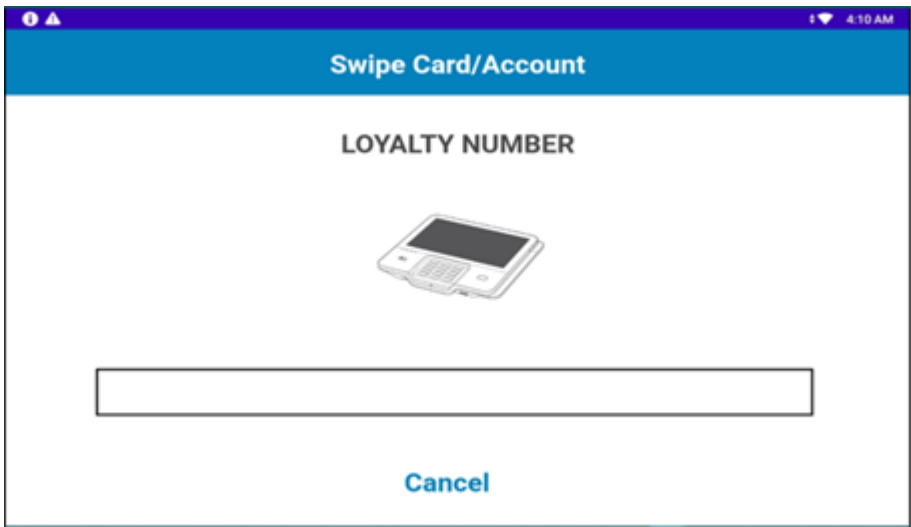


Tap the text box for keyboard input and type the phone number. Press Enter to process. Status screen displays as Loyalty details captured.

Loyalty Card

Display

Description



Tap the text box for keyboard input to type the account number or Swipe the card. Status screen displays as Loyalty details captured.

Device Command Screens

Display	Description
A screenshot of a mobile application interface. At the top, a blue header bar contains the text "Donation". Below this, the text "WOULD YOU LIKE TO CONTRIBUTE TO XYZ Foundations TODAY?" is centered. Underneath are three rectangular buttons labeled "\$5.00", "\$10.00", and "\$15.00" arranged horizontally. Below these is a single rectangular button labeled "Skip". The status bar at the very top shows signal strength, Wi-Fi, and the time "4:34 AM".	Charity Donation.
A screenshot of a mobile application interface. At the top, a blue header bar is present. Below this, the text "WOULD YOU LIKE TO SIGN UP FOR EMAIL COUPONS" is centered. At the bottom of the screen, there are two rectangular buttons labeled "No" and "Yes". The status bar at the very top shows signal strength, Wi-Fi, and the time "5:17 AM".	Customer Question.

Display

Description

8:13 AM

text1
text2
text3
text4
text5

button1

button2

button3

button4

button5

button6

Customer Button.

5:16 AM

HOW WOULD YOU RATE YOUR
SERVICE TODAY WITH 5 BEING
BEST AND 1 BEING WORST

1

2

3

4

5

Skip

Submit

Customer survey 5.

5:16 AM

HOW WOULD YOU RATE YOUR
SERVICE TODAY WITH 10 BEING
BEST AND 1 BEING WORST

1

2

3

4

5

6

7

8

9

10

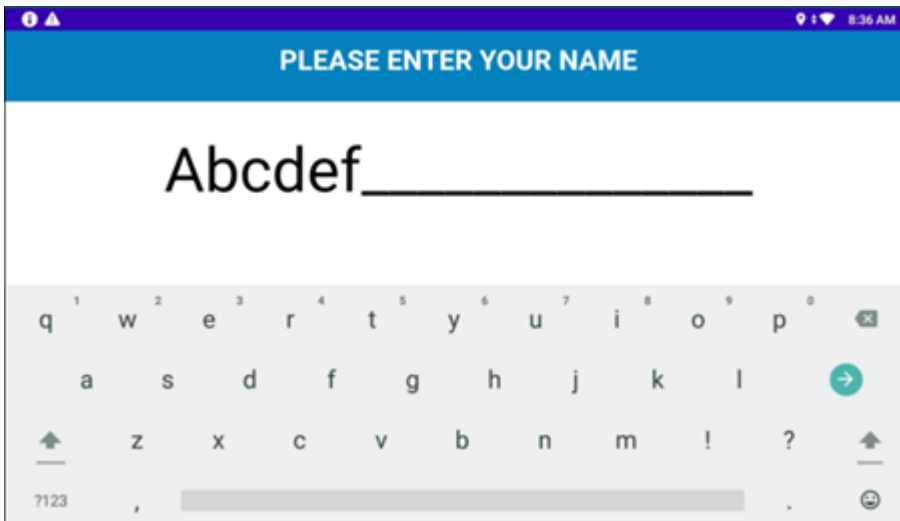
Skip

Submit

Customer survey 10.

Display

Description

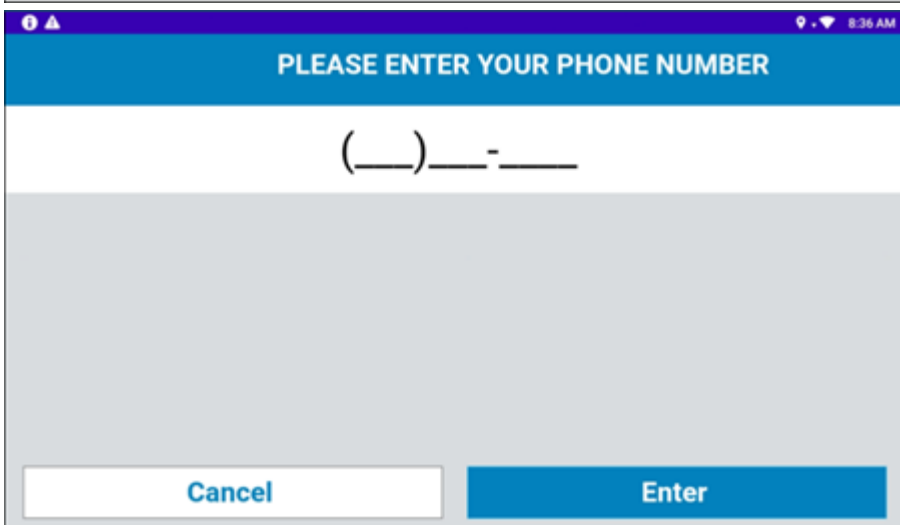


PLEASE ENTER YOUR NAME

Abcdef_____

q w e r t y u i o p
a s d f g h j k l
z x c v b n m ! ?

Credit Application - Tap the text box for keyboard input to type the name.

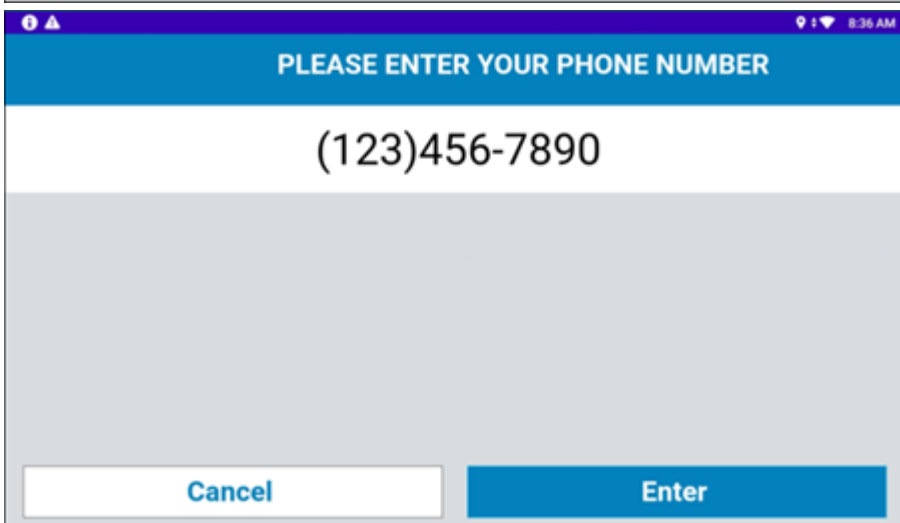


PLEASE ENTER YOUR PHONE NUMBER

() -

Cancel Enter

Credit Application - Tap the text box for keyboard input to type the phone number.



PLEASE ENTER YOUR PHONE NUMBER

(123)456-7890

Cancel Enter

Credit Application - Once the number is added then press Enter.

Description

Credit Application - Tap the text box for keyboard input to type the gross income and press Enter to confirm and the data will be processed.

Display left panel.

Display left panel.

Display

Description

Ask us about upcoming sales!

Insert, Tap or Swipe

Line Items

Tax

\$ 0.00

Total

\$ 0.00

Display left panel.

For ABC fundraiser
Please donate!
XYZ Foundation

\$10

\$15

\$20

Cancel

Line Items

Tax

\$ 0.00

Total

\$ 0.00

Display left panel.

Select any offer you like:

☐

First

☐

Second

☐

Third

☐

Fourth

☐

Fifth

☐

Sixth

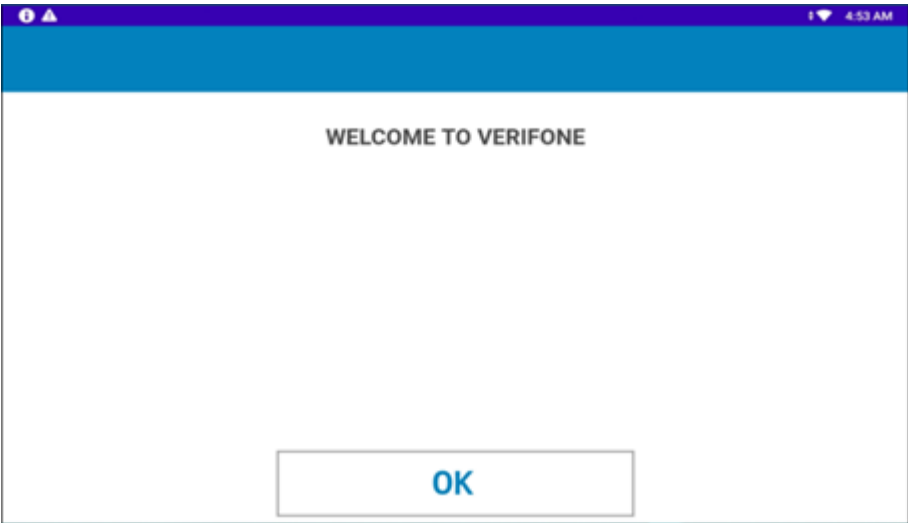
Cancel

OK

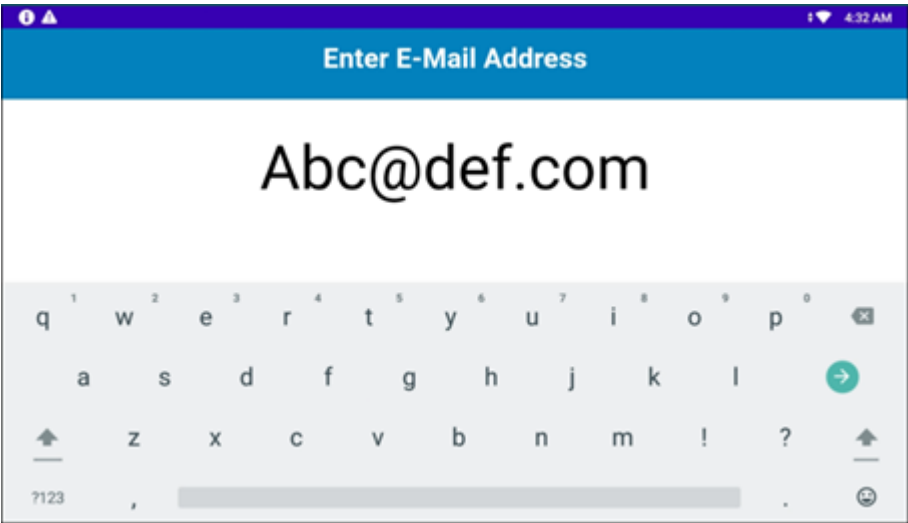
Check box.

Display

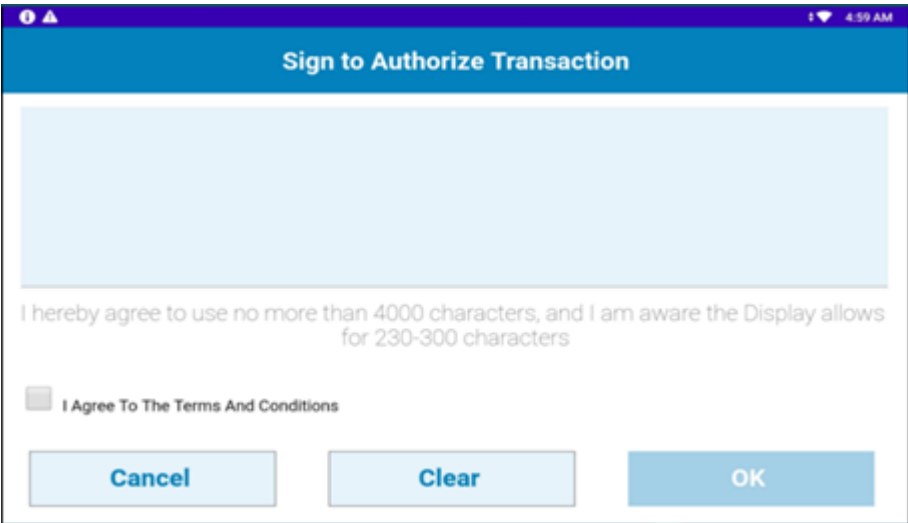
Description



Display message.



Email address.



Signature Extended