

## Start up and Preamble

### Prerequisites

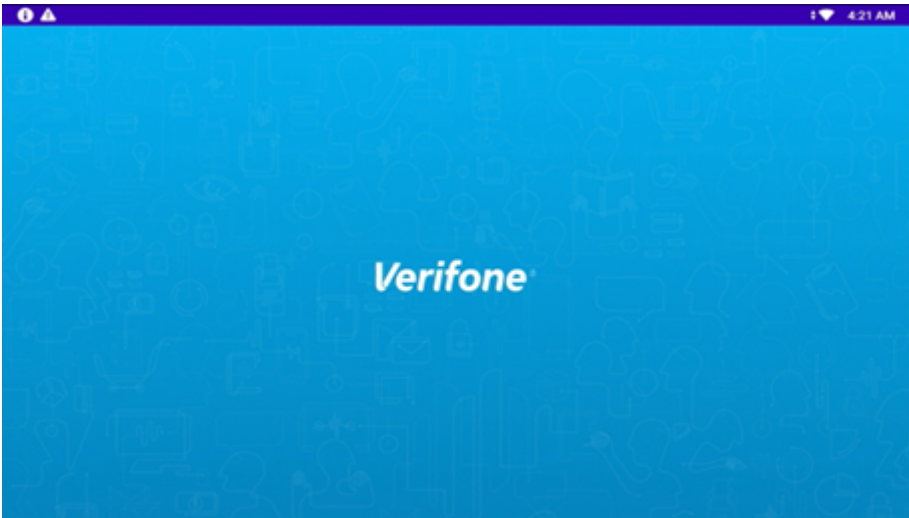
Once the device is powered on, the user needs to perform the following steps sequentially.

1. Configure the network communication.
2. Install the updated ADK version in the device. It is recommended to restart the device after successful installation of ADK package.
3. Install SCA Solution package and followed by SCA Configuration package. Once installation is complete, it is recommended to restart the device once more to apply all the changes.
4. Once the device is ready with the required application, the preamble steps will be performed and followed by registering the device in Host. Following screen flows are added for detailing the process.

### Setup Screens

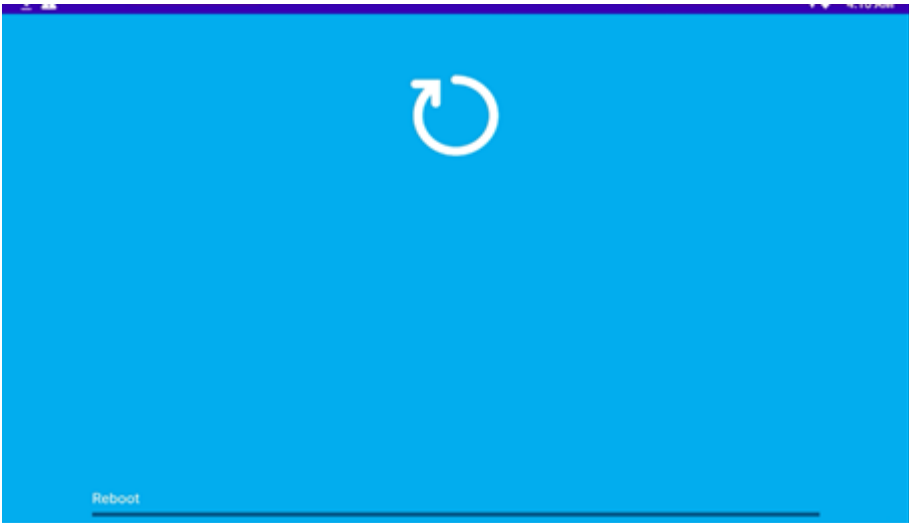
#### M440/M424

Following are the set up screens:

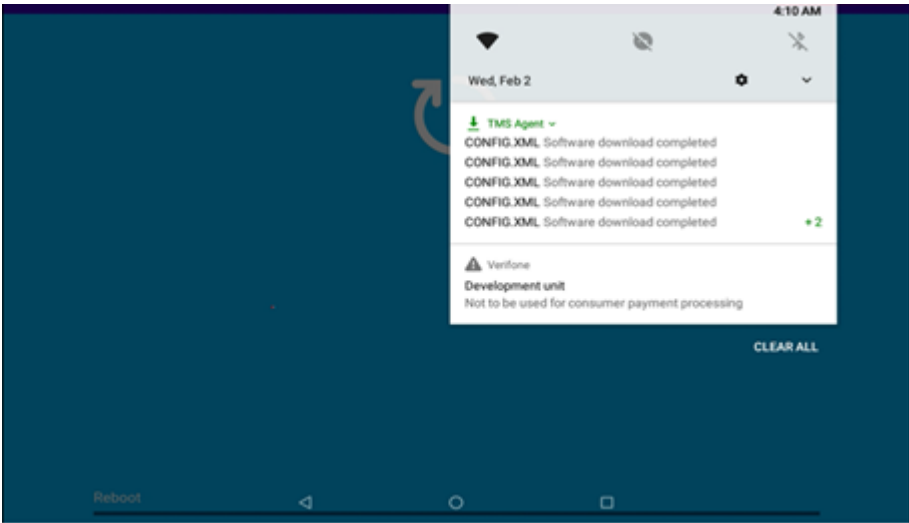
Display	Description
 A screenshot of a mobile device screen with a solid blue background. The word "Verifone" is centered in white. At the top, there is a status bar with a purple header containing a small icon on the left and signal, Wi-Fi, and battery icons on the right, followed by the time "4:21 AM".	Starting screen.

Display

Description



Rebooting in progress screen.



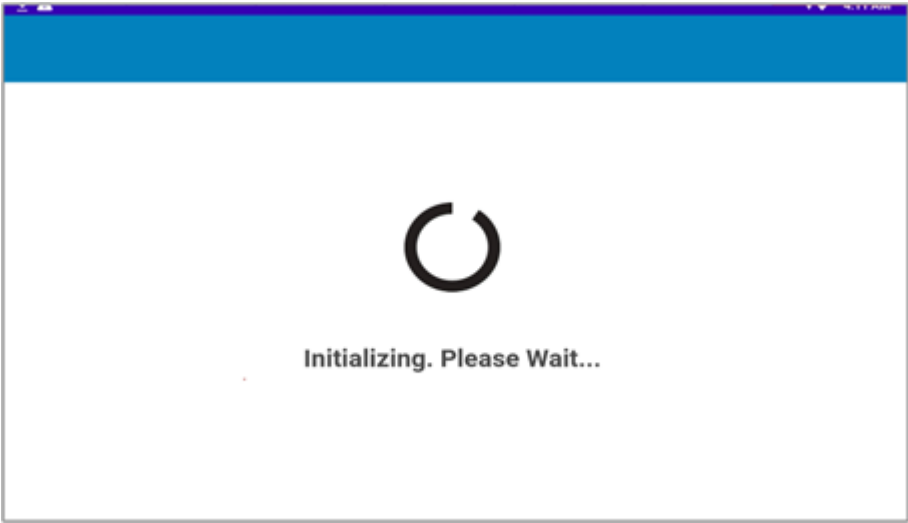
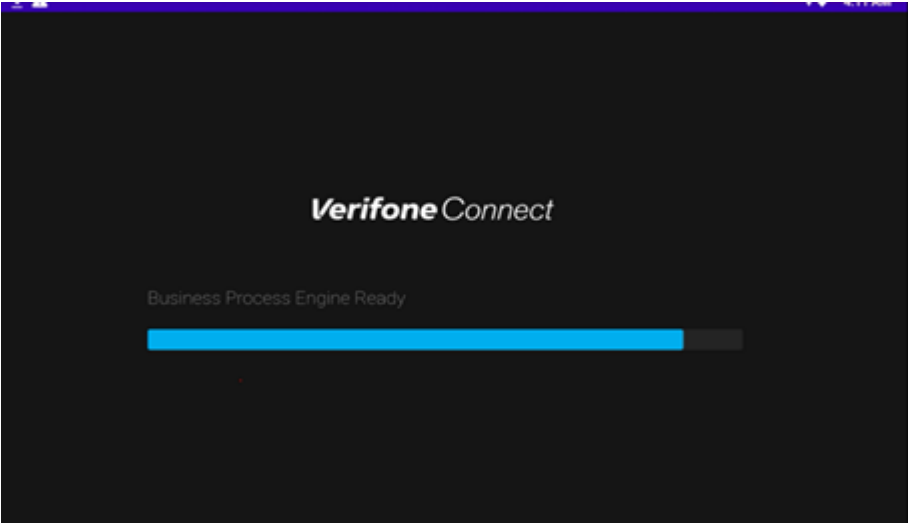
Displaying config download status.



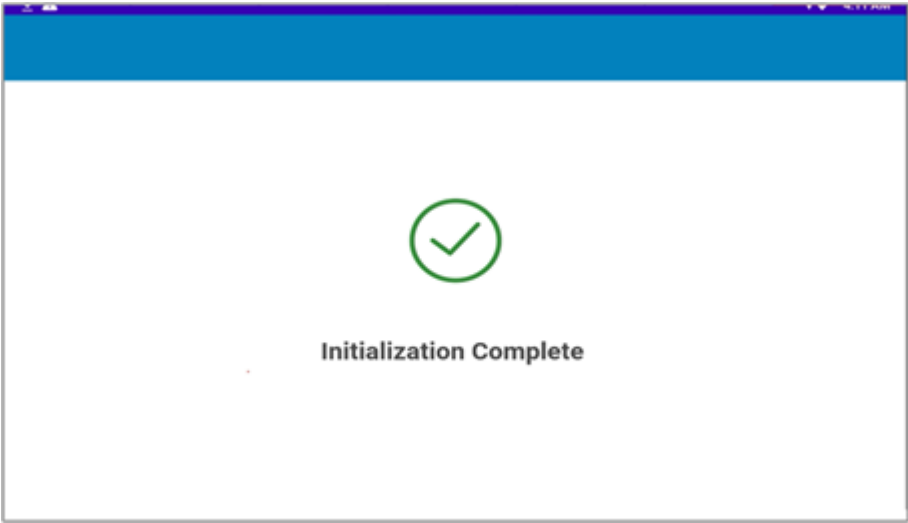
Starting application screen.

Display

Description



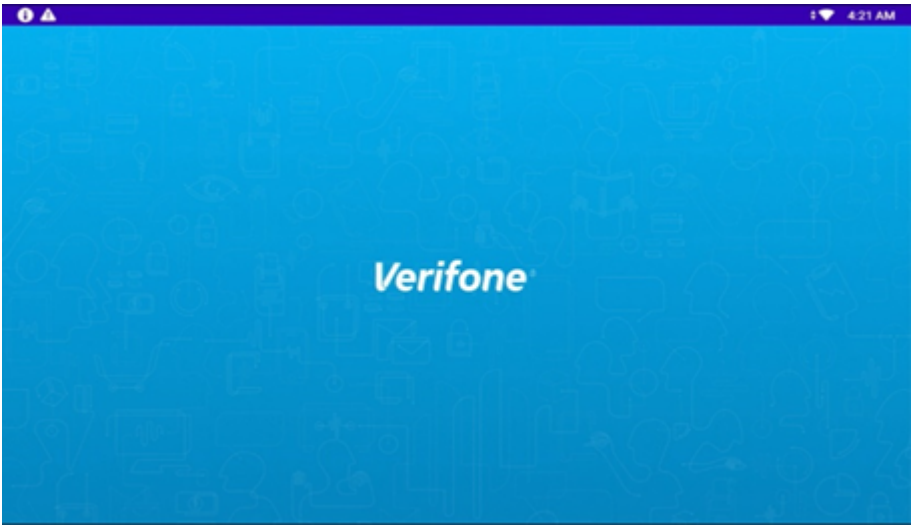
Initialization in progress.



Initialization completed.

Display

Description



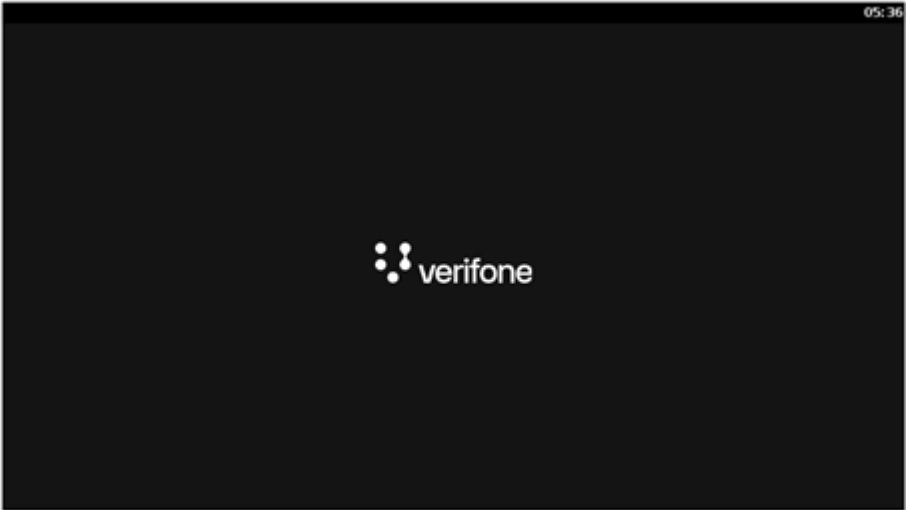
Idle screen.

M400

Following are the set up screens:

Display

Description



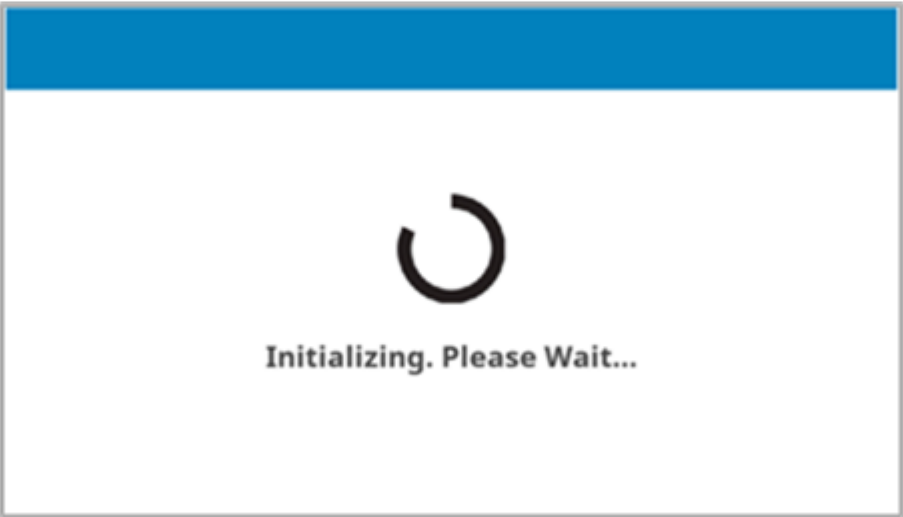
Starting screen.



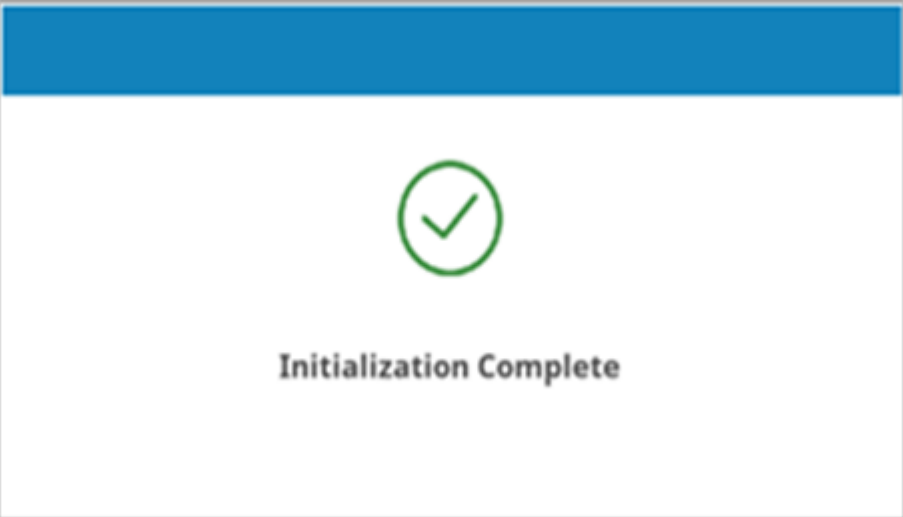
Application is getting ready.

**Display**

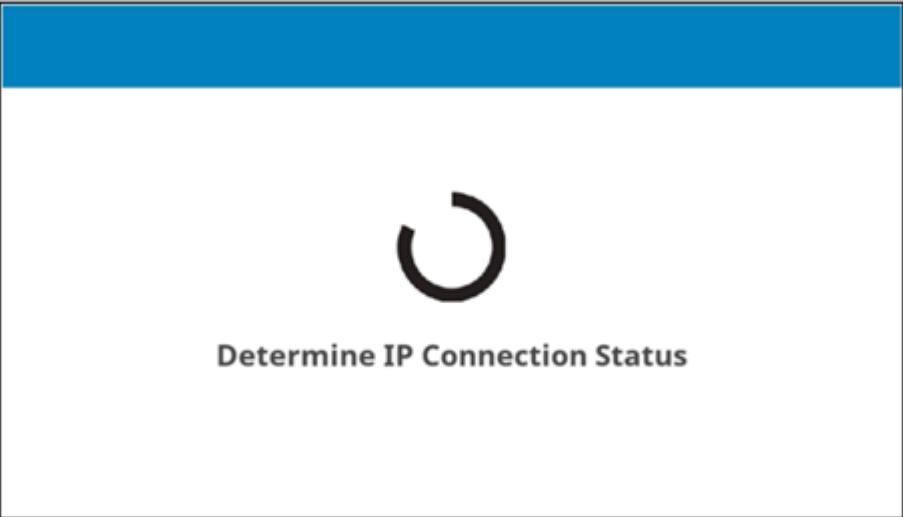
**Description**



Initialization in progress.



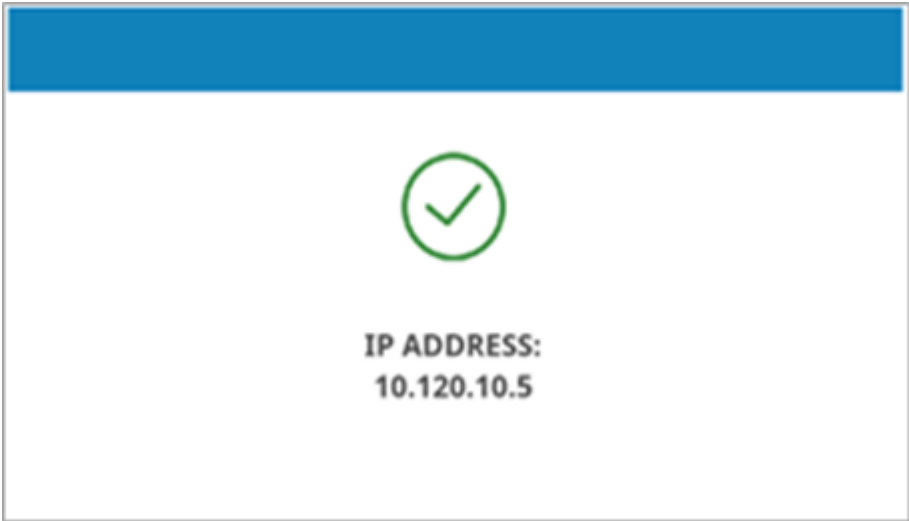
Initialization completed.



Checking for the IP connection status is in progress.

**Display**

**Description**



IP connection is established.

**e280**

Following are the set up screens:

**Display**

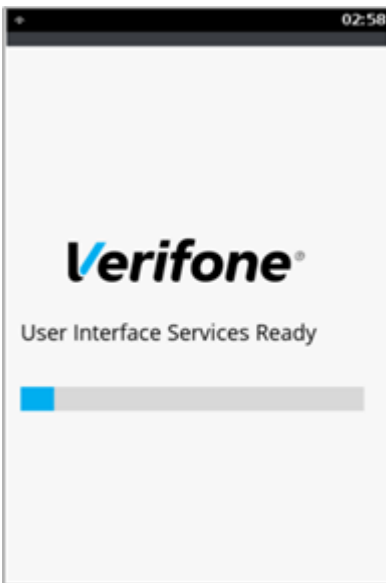
**Description**



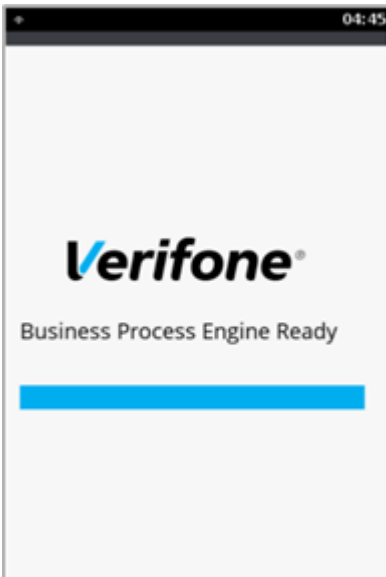
Starting screen.

## Display

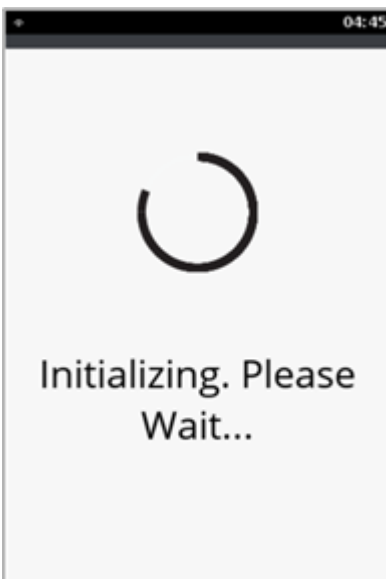
## Description



Starting screen.



Application is getting ready.



Initialization in progress.

## Display

## Description



Initialization completed.



Checking for the IP connection status is in progress.





IP connection is established.



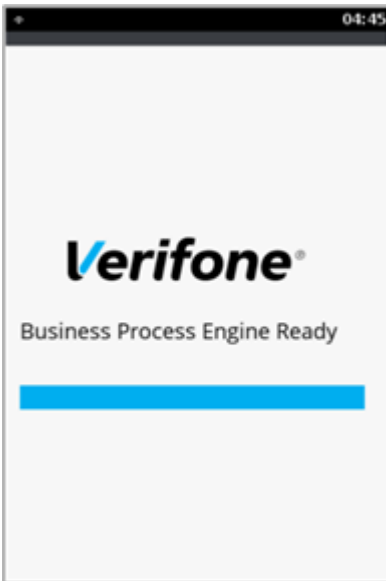
**P400/V400c/V400m**

Following are the set up screens:

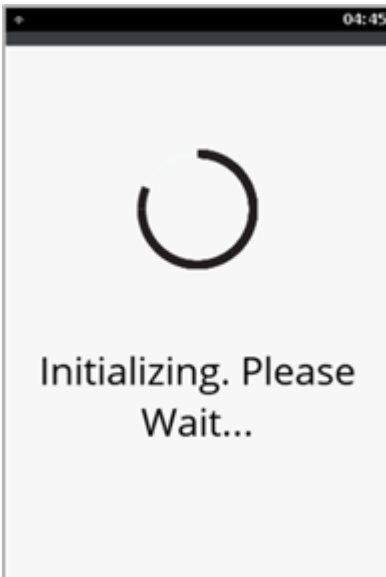
Display	Description
	Starting screen.
	Application is getting ready.

## Display

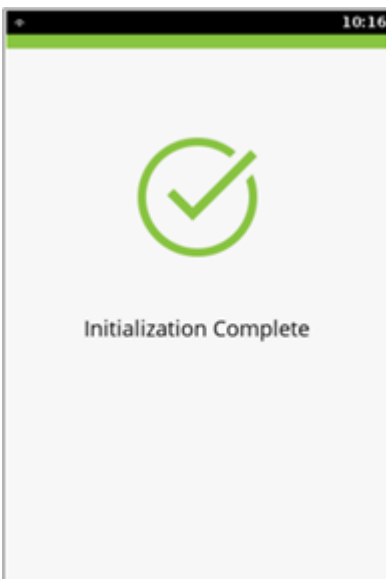
## Description





Application is getting ready.



Initialization in progress.



Initialization completed.

Display	Description
	Checking for the IP connection status is in progress.
	IP connection is established.

### P200/V200/e285

Following are the set up screens:

Display	Description
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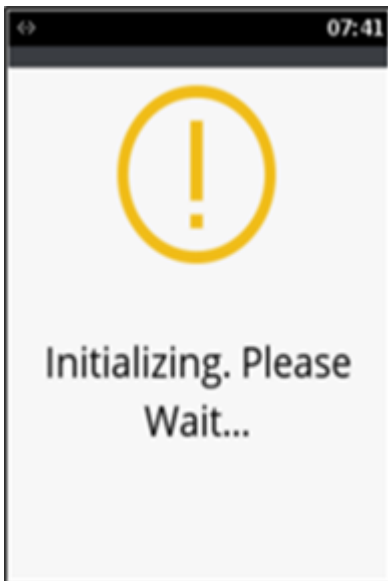
Starting screen.



Starting screen.



Application is getting ready.



Initialization in progress.



Initialization completed.



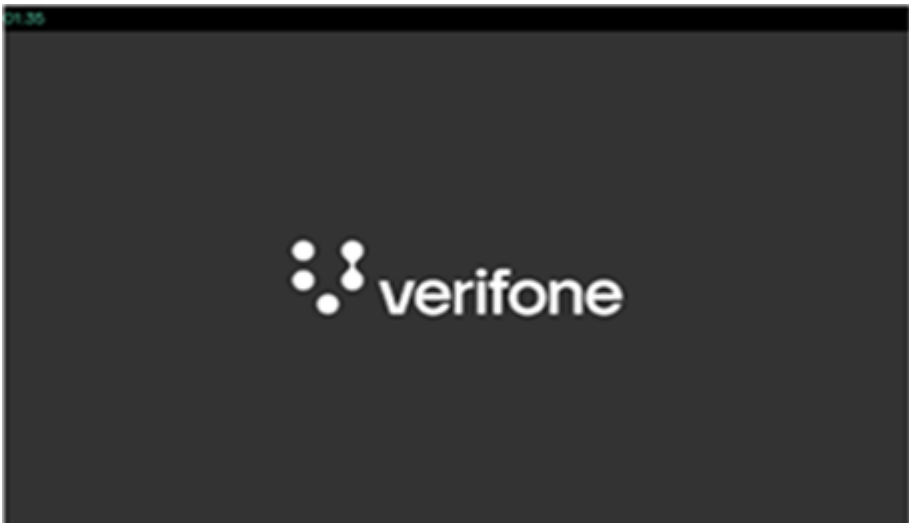

Checking for the IP connection status is in progress.



IP connection is established.

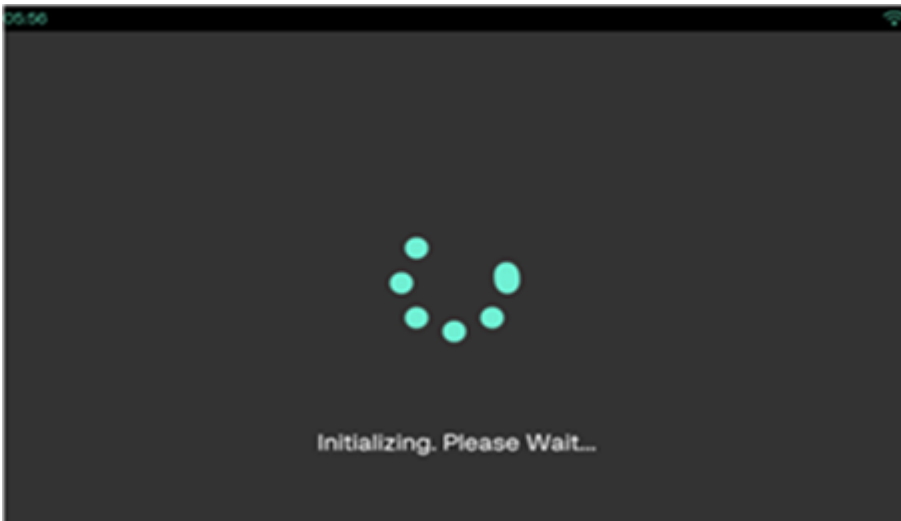
**M450/M425**

Following are the set up screens:

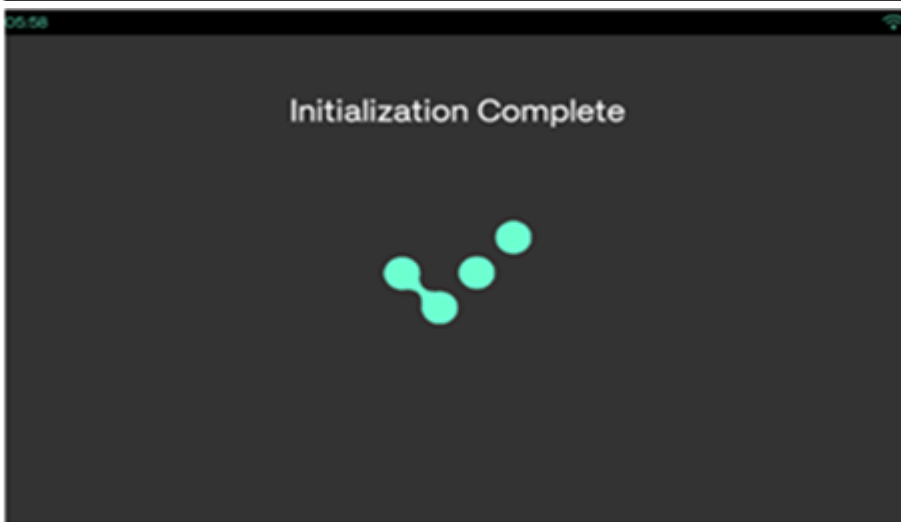
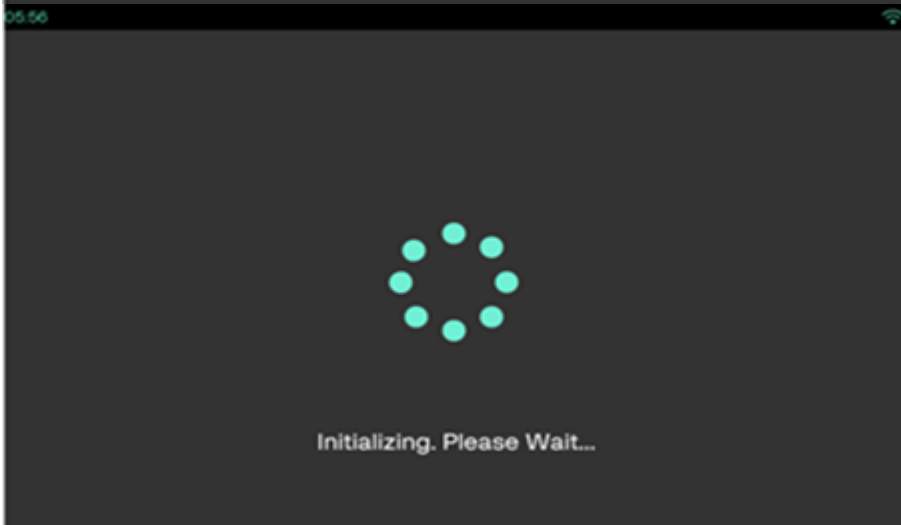
Display	Description
	Starting screen.
	Application is getting ready.

## Display



## Description



Initialization in progress.



Initialization completed.

Display	Description
	<p>Checking for the IP connection status is in progress.</p>
	<p>IP connection is established.</p>

### M425-A (Neo2)

Following are the set up screens:

Display



04:01



Determining IP Con

04:01

IP Address

10.120.11.1

10.120.11.2

10.120.11.3

10.120.11.4

## P630/UX700

Following are the set up screens:



Starting screen. Application is getting ready. Initialization in progress.



Initialization completed.



Checking for the IP connection status is in progress.



IP connection is established.

## Preamble Screens

### Note

The below screen sequence will be appeared for host registration and encryption process, if AUTOPREAMBLE parameter is enabled. Refer to [Deployment Parameters](#) for more details on this parameters.

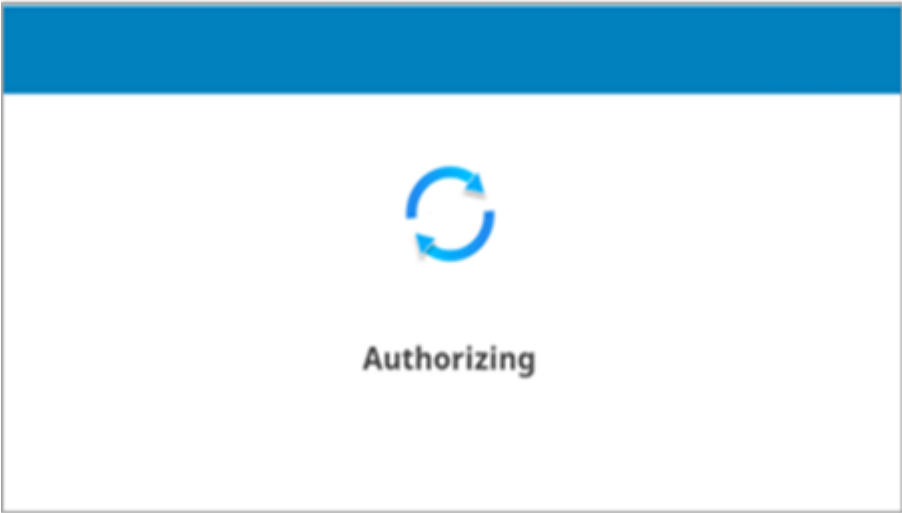
### M400/M440/M424

Following are the preamble screens:

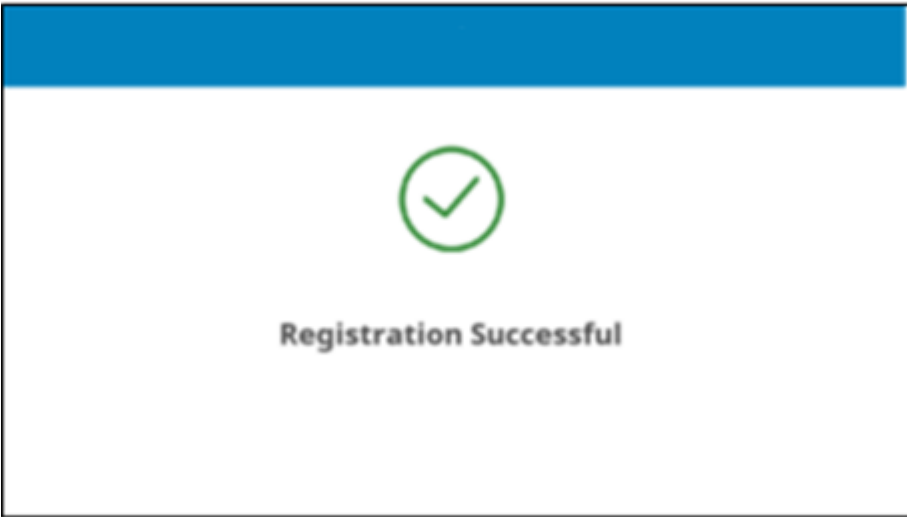
Display	Description
	IP Setup options. It is recommended to use DHCP Always.

**Display**

**Description**



Authorizing screen.



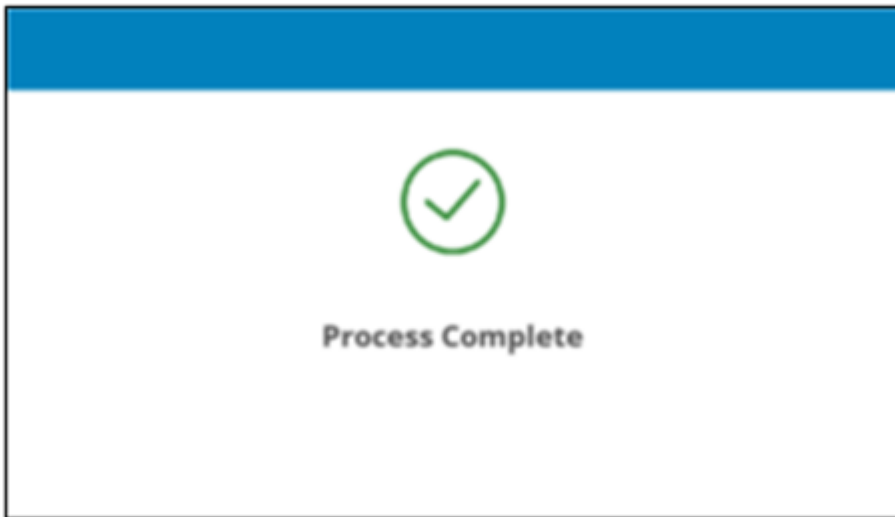
Status screen as Registration Successful.



Encryption process in progress.

## Display

## Description



Encryption process is completed.



After the registration is successful, the application will prompt for Dummy Sale screen. Once the card is used the next screen is followed by Initialization completed and then displays Idle screen. This is M400 Dummy Sale screen.



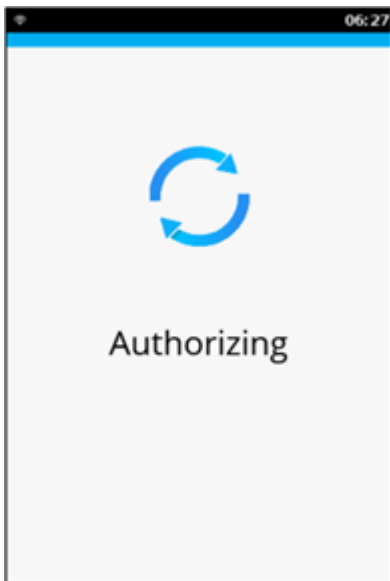
This is M440 and M424 Dummy Sale screen.

## P400/V400c/V400m

Following are the preamble screens:

## Display

## Description



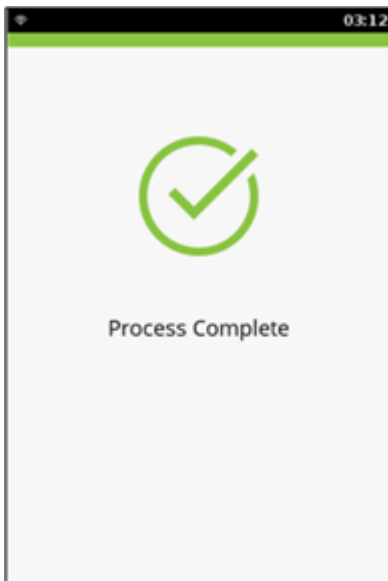
Authorizing screen.



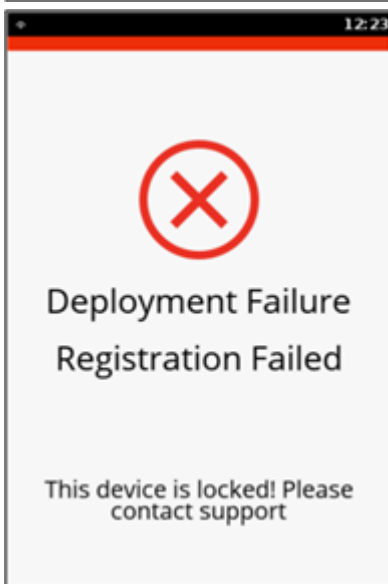
Status screen as Registration Successful.



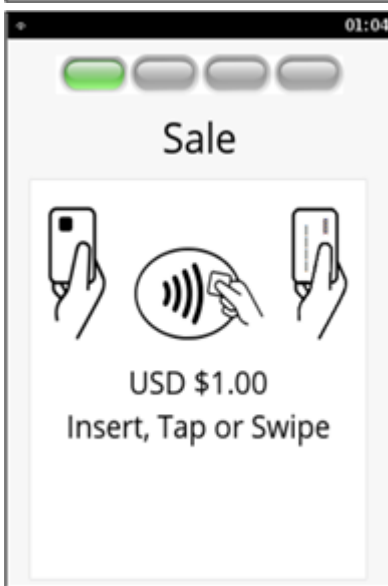
Encryption process in progress.



Encryption process is completed.




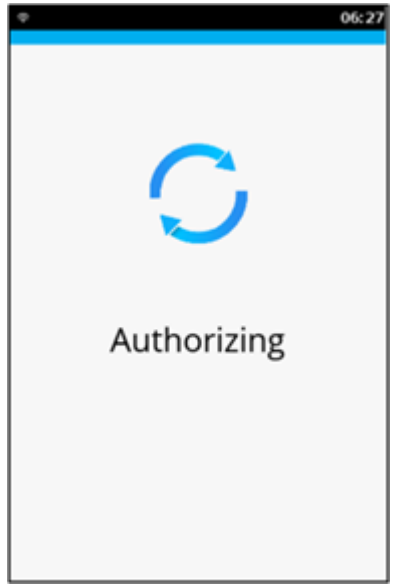
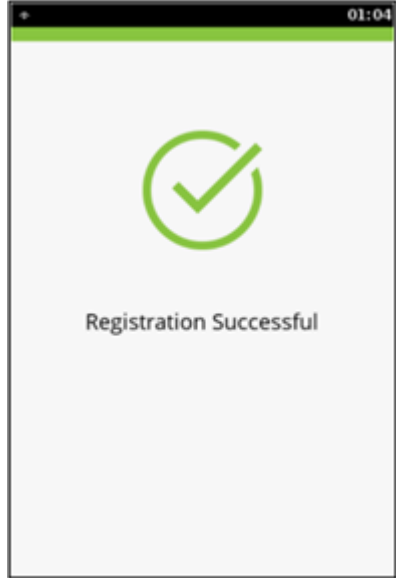
This status screen is displayed if the registration process is failed.



After the registration is successful, the application will prompt for Dummy Sale screen. Once the card is used the next screen is followed by Initialization completed and then displays Idle screen.



Following are the preamble screens:

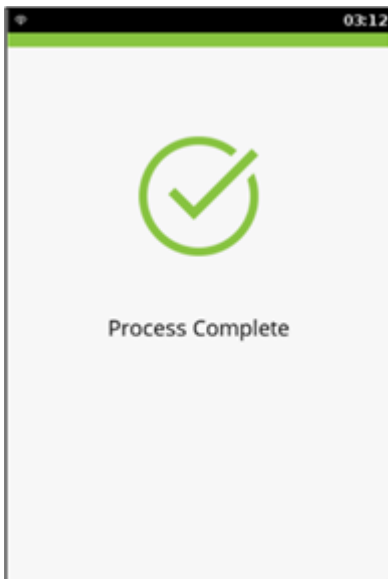
Display	Description
 A screenshot of a mobile application's 'IP Setup' screen. The status bar at the top shows a back arrow, a forward arrow, and the time '07:59'. The title 'IP Setup' is centered. Below it, there are three selectable options: '1 Static' (highlighted in blue), '2 DHCP', and '3 DHCP Always'. At the bottom, there is a 'Cancel' button with a red 'X' icon and two empty slots for additional options.	IP Setup options. It is recommended to use DHCP Always.
 A screenshot of a mobile application's 'Authorizing' screen. The status bar at the top shows a back arrow, a forward arrow, and the time '06:27'. The screen features a large blue circular arrow icon in the center, with the word 'Authorizing' written below it.	Authorizing screen.
 A screenshot of a mobile application's 'Registration Successful' screen. The status bar at the top shows a back arrow, a forward arrow, and the time '01:04'. The screen features a large green checkmark icon in the center, with the text 'Registration Successful' written below it.	Status screen as Registration Successful.

## Display

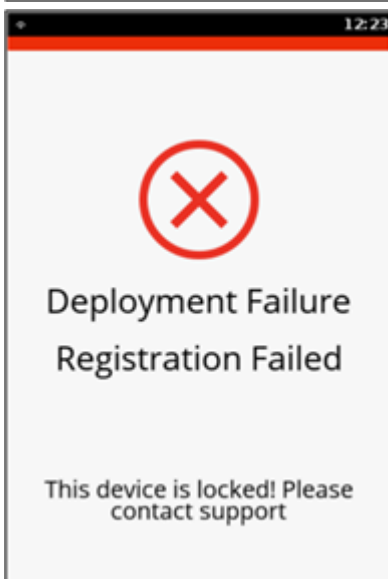
## Description



Encryption process in progress.



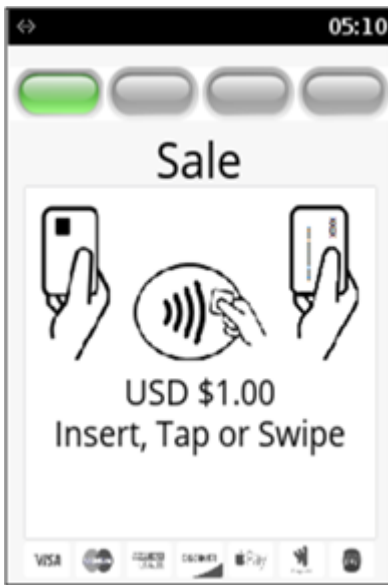
Encryption process is completed.



This status screen is displayed if the registration process is failed.

### Display

### Description



After the registration is successful, the application will prompt for Dummy Sale screen. Once the card is used the next screen is followed by Initialization completed and then displays Idle screen.

**e280**

Following are the preamble screens:

### Display

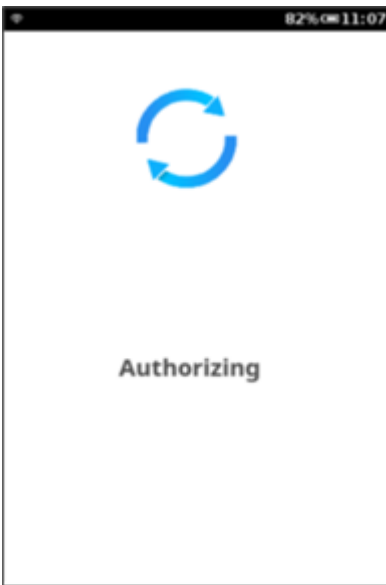
### Description



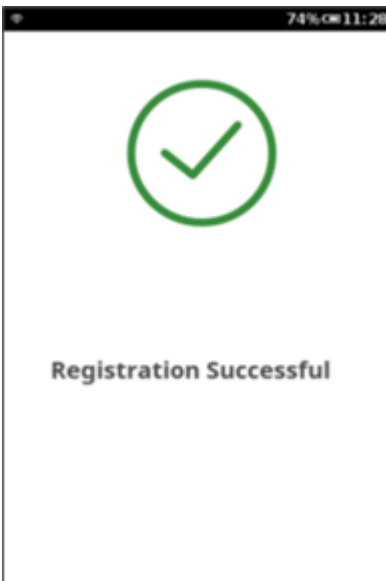
IP Setup options. It is recommended to use DHCP Always.

## Display

## Description



Authorizing screen.



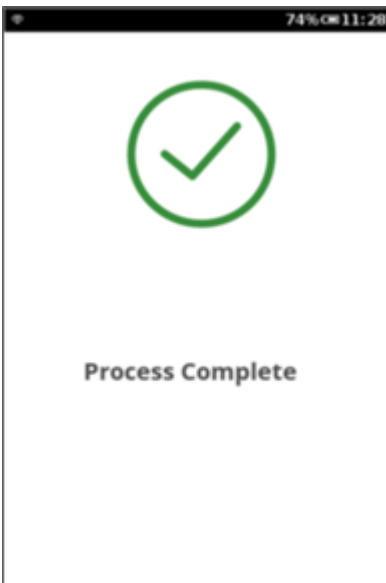
Status screen as Registration Successful.



Encryption process in progress.

## Display

## Description



Encryption process is completed.



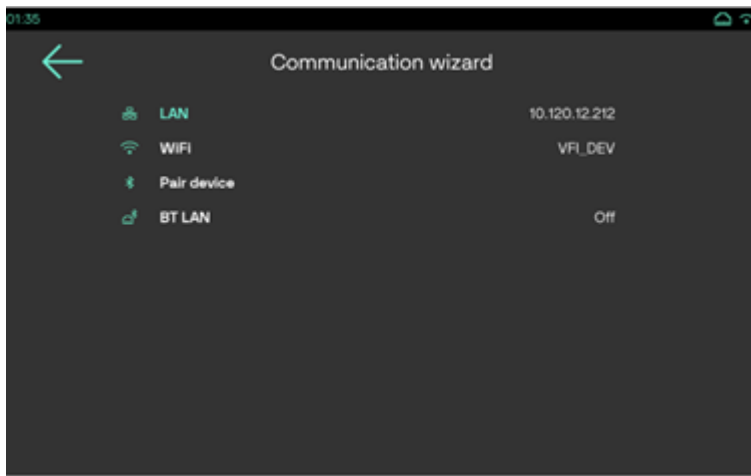
After the registration is successful, the application will prompt for Dummy Sale screen. Once the card is used the next screen is followed by Initialization completed and then displays Idle screen.

## M450/M425

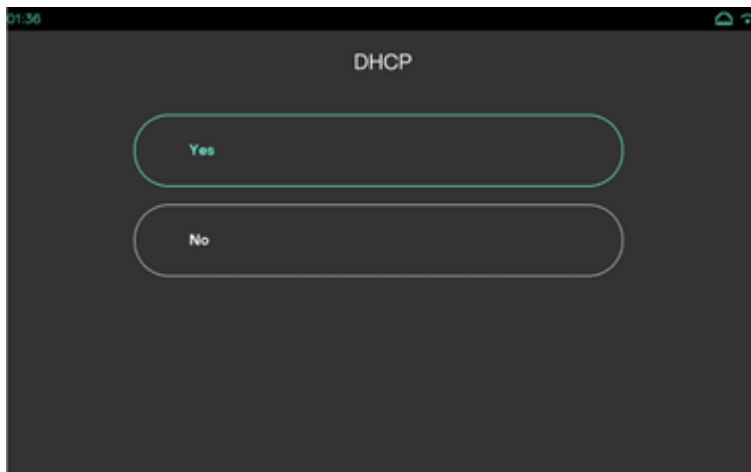
Following are the preamble screens:

## Display

## Description



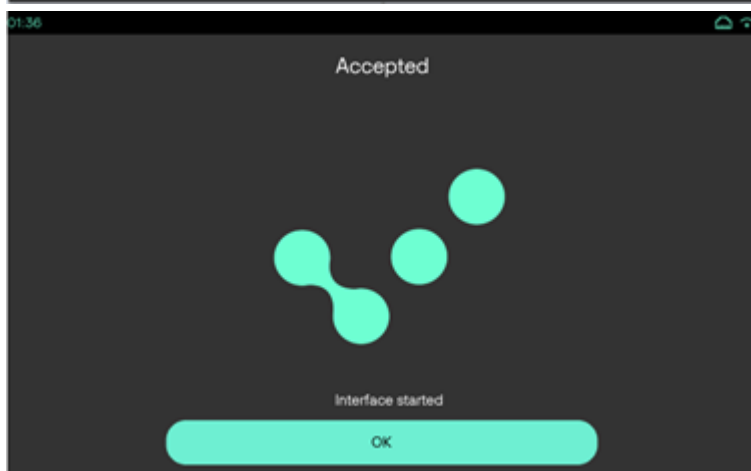
Communication Wizard screen to select the Network type.



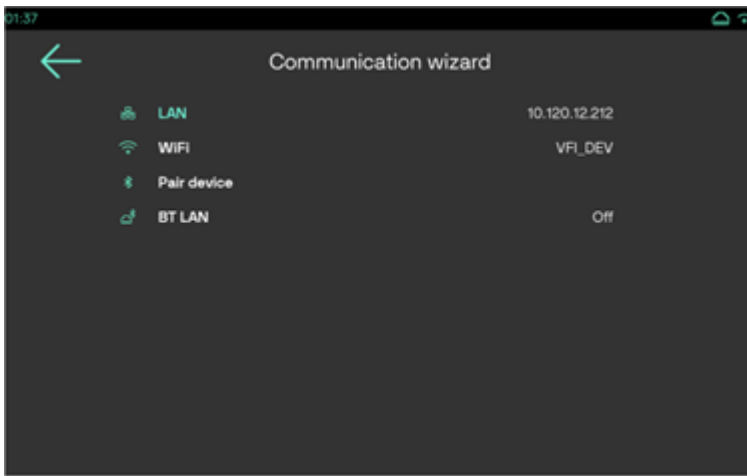
Select **Yes in DHCP screen** to configure the network.



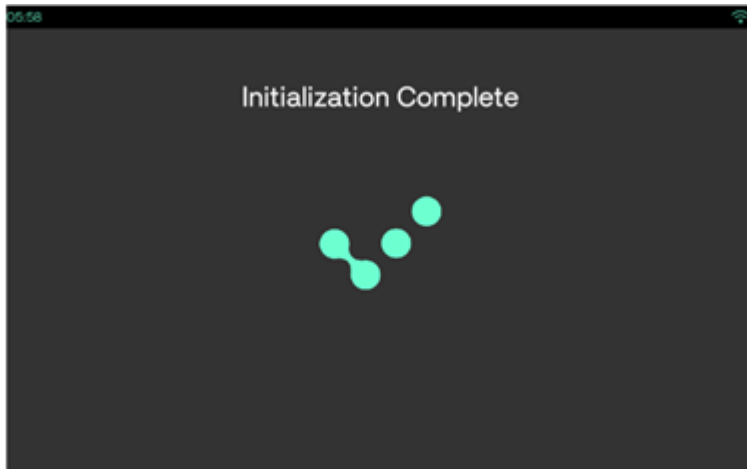
Configure Interface in progress.



Click Ok to start the Network.



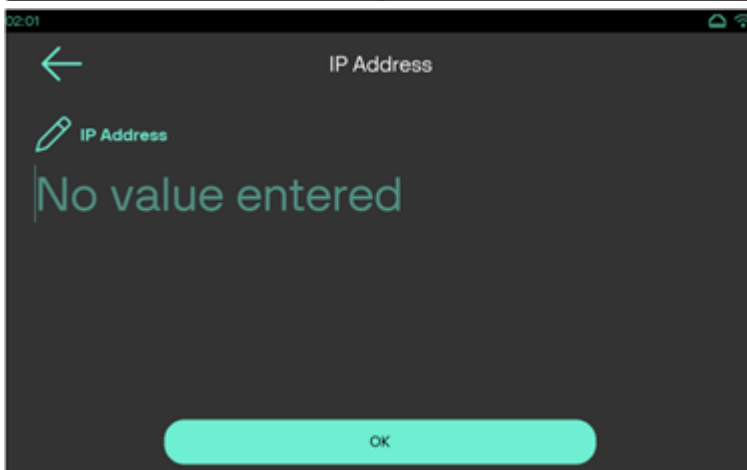
Returns to Communication Wizard and setting the IP address.



Initialization completed.




IP connection is established.



Select **NO in DHCP screen** to configure the network with all the components below.

02:02

← IP Address

 IP Address


192.168.002.005

OK

Enter the IP Address and click OK.

02:03

← Subnet Mask

 Subnet Mask


255.255.255.000

OK

Enter the value for Subnet Mask and click OK.

02:04

← Gateway IP Address

 Gateway IP Address


010.120.024.001

OK

Enter the value for Gateway IP Address and click OK.

02:05

← DNS 1

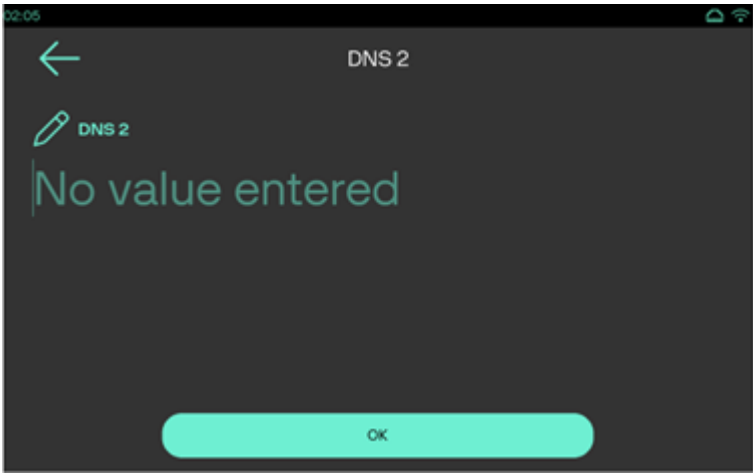
 DNS 1

No value entered

OK

Enter the values for DNS1.





Enter the values for DNS2 servers. Click OK to return to Communication Wizard and setting the IP address.

**P630/UX700**

Following are the preamble screens:

Display	Description
	Communication Wizard screen to select the Network type. Select WiFi for find new WiFi connection.
	WiFi Scan is in progress.

## Display

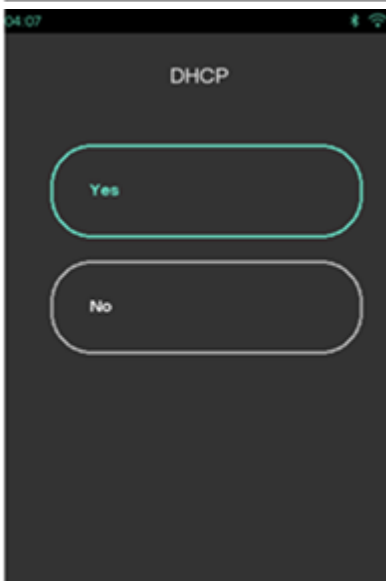
## Description



Click Refresh to get more connection list.



Returns to Communication Wizard screen.



Select **Yes in DHCP screen** to configure the network.

Display

Description





Configure Interface in progress.



Click Ok to start the Network.



Returns to Communication Wizard and setting the IP address.

Display	Description
	Initialization completed.
	IP connection is established. Select <b>NO in DHCP screen</b> to configure the network with all the components below. Enter the IP Address and click OK. Follow the remaining steps mentioned in Preamble steps for <a href="#">M450/M425</a> .

### Additional Preamble Screens

Following are the additional preamble screens, which will be displayed based on different Host and its configuration:

Display	Description
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012345

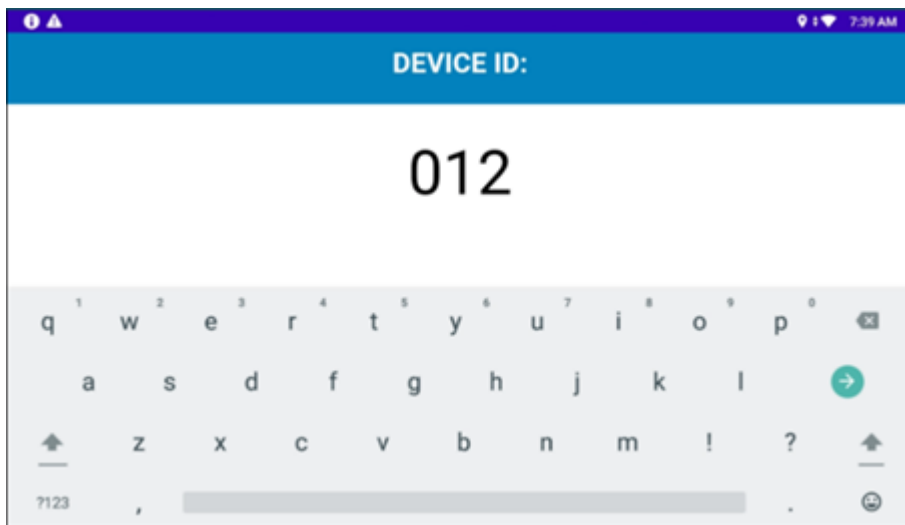
Tap the text box for keyboard input to enter the Merchant ID.

01234

Tap the text box for keyboard input to enter the Terminal ID.

01

Tap the text box for keyboard input to enter the Lane ID.



Tap the text box for keyboard input to enter the Device ID.

#### Note

MERCHANTSETTINGSREQD parameter should be enabled and MIDLENGTH, TIDLENGTH and LANEIDLENGTH parameters need to be configured to get successful preamble by entering MID, TID and LANEID details, when they are prompted during host registration process. Refer to [Deployment Parameters](#) for more details on this parameters.

#### Note

The next step in the preamble process takes place at the deployment center. It is noted here for information purposes only: Register the device in Host by sending the ADMIN request packet. Once the device is registered on Host, the application tries to register the device on the VSP server. Successful registrations on both servers is essential for the application to work in the customer environment processing transactions.

### Prompt for Dummy Sale

The final step is to perform a dummy sale on the device, confirming the proper operation of the device in synchronization with gateway/processors. SCA prompts the user to move forward with the sale as shown above. Continue with Insert, Tap or Swipe to prompt for the next step. Upon successful insert, tap or swipe, SCA will process a SALE transaction with Host. On successful SALE, SCA will then request Host to void the dummy transaction.

At the successful completion of the Preamble process, the Idle screen will display.