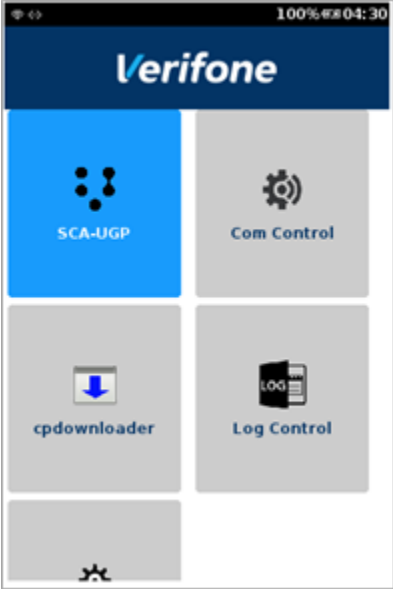
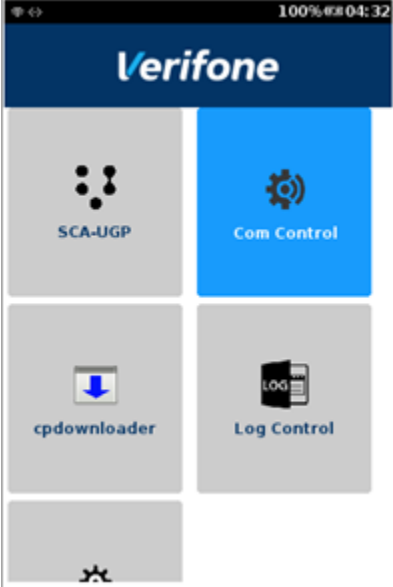


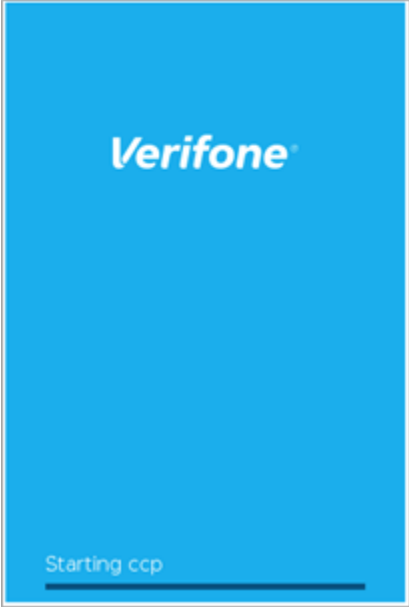
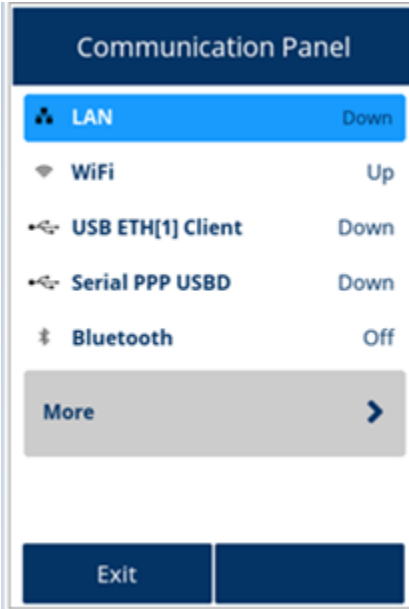
LAN Configuration


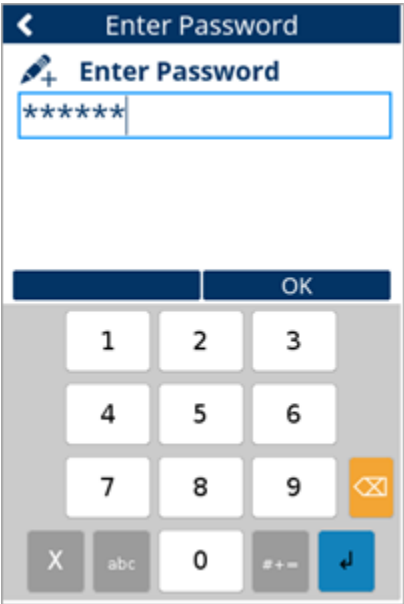
Lan network can be configured in three ways for SCA application, like using Com Control Panel, updating SCA configuration package (ccpupdate.xml file) and downloading parameter using VHQ.



Configuration Using CCP

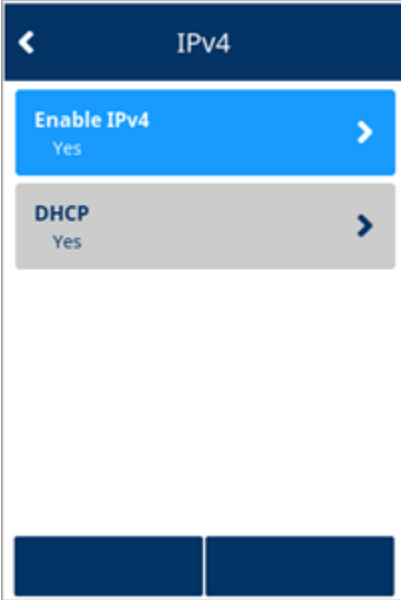

The user can configure the network by using Com Control Panel (CCP) and following are the steps to configure:

Display	Steps Detail
	<p>Press 1 5 9 simultaneously on the device to start the application Mac Menu.</p>
	<p>Select Com Control option.</p>

Display	Steps Detail
 <p>The image shows a blue screen with the Verifone logo in white. At the bottom left, the text "Starting ccp" is displayed above a progress bar.</p>	<p>CCP screen is starting.</p>
 <p>The image shows a "Communication Panel" screen with a dark blue header. Below the header, there is a list of network options with their status:</p> <ul style="list-style-type: none"> LAN: Down WiFi: Up USB ETH[1] Client: Down Serial PPP USBD: Down Bluetooth: Off <p>At the bottom of the list is a grey button labeled "More" with a right-pointing arrow. At the very bottom of the screen is a dark blue button labeled "Exit".</p>	<p>Communication Panel screen displaying the connection status. Select LAN to configure the network.</p>

Display	Steps Detail
 <p>The screenshot shows a mobile application interface for LAN configuration. At the top, there is a dark blue header with a back arrow and the text 'LAN'. Below the header, there is a prominent blue button labeled 'Stop Network Interface'. Underneath, there are two grey buttons: 'Status' and 'Configuration', both with right-pointing chevron arrows. At the bottom of the screen, there are two dark blue rectangular buttons.</p>	<p>LAN configuration page. Select Configuration to configure Network communication.</p>
 <p>The screenshot shows an 'Enter Password' screen. It has a dark blue header with a back arrow and the text 'Enter Password'. Below the header, there is a sub-header 'Enter Password' with a pencil icon. A text input field contains seven asterisks. Below the input field is a numeric keypad with buttons for digits 1-9, 0, and symbols like 'X', 'abc', '#+*', and a blue arrow key. An 'OK' button is located at the top right of the keypad area.</p>	<p>Enter password screen is displayed. Enter the required password or reach out to <i>Verifone Contact</i> for actual password and press Ok or Enter.</p>

Display	Steps Detail
 <p>The screenshot shows a mobile application interface for network configuration. At the top is a dark blue header with a back arrow and the text 'Configuration'. Below the header are four menu items: 'Autostart' (highlighted in blue with 'Yes' below it), 'Authentication', 'IPv4', and 'IPv6'. At the bottom right is a 'Save' button.</p>	<p>Configuration page with the list of actions. Auto start - Yes to start the network automatically. No to stop the network.</p>
 <p>The screenshot shows the same mobile application interface as above, but the 'Autostart' menu item is highlighted in blue with 'No' below it. The 'Save' button is still present at the bottom right.</p>	<p>If selected No, then save the change and apply the settings on interface.</p>

Display	Steps Detail
	<p>Select IPv4 option from Configuration page and select Yes for DHCP.</p>
	<p>If DHCP is selected as No, then the user needs to set the Static connection type by providing values for the following and start the network:</p> <ul style="list-style-type: none"> • IP Address • Subnet Mask • Gateway IP Address • DNS1 • DNS2

SCA Configuration Package

SCA Configuration Package is another process of configuring the network., which is done as part of SCA configuration package provided to each customer. Customer needs to share minimum of the following requirements details with Verifone to create these configuration package

as **ccp_update.xml**.

For Static connection type:

- Static IP
- SSID
- PSK

For DHCP connection type:

- SSID
- PSK

Following is the example of **ccp_update.xml** with configured values.

Static Connection for Ethernet (LAN)

```
<data d:action="insert_or_update" xmlns:d="http://www.verifone.com/adk/information-service/action">
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/dhcp_enabled" Value="0"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/netmask" Value="255.255.255.000"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/gateway" Value="192.168.011.001"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/ip_address" Value="192.168.011.015"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/dns_1" Value="192.168.011.001"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/dns_2" Value="192.168.011.001"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/type" Value="lan"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/device_name" Value="ETH0"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/startup_mode" Value="auto"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/timeout" Value="100000"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/ipv4_enabled" Value="1"/>
  <Tag d:condition="*-*-*" Name="com/_internal/default/net/ETH0/ipv6_enabled" Value="0"/>
</data>
```

SCA Parameters

The other process to configure the WiFi network. This can be performed by downloading SCA parameters, provided in Parameter Definition File (.vpdx) and Parameter Form File (.vpfx) using VHQ. Following are the list of parameters to be enabled to accept Network parameters and apply to ADK through VHQ Parameter Download.

- ADVCOMMSENABLED
- FORCENETWORKCFG
- REBOOTAFTERPARMDLD

Refer to [Application Parameters](#) and [Parameters for LAN Interface](#) sections for the parameter updates on CCP.