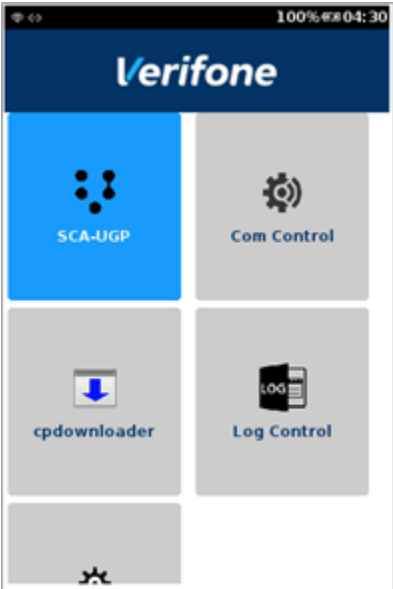
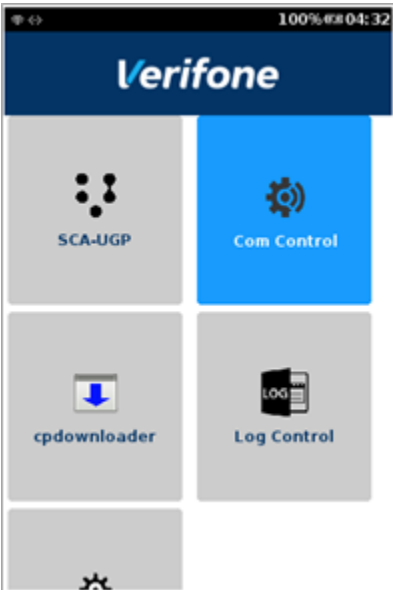


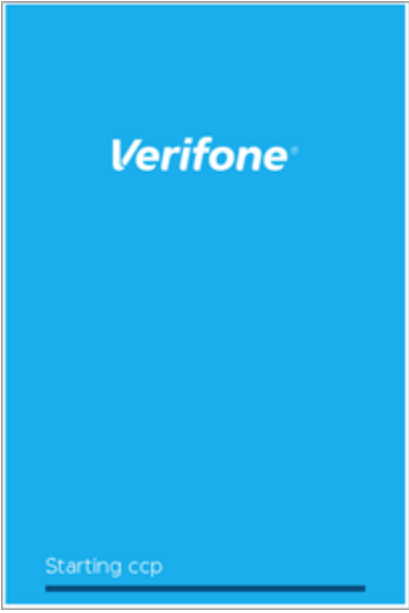
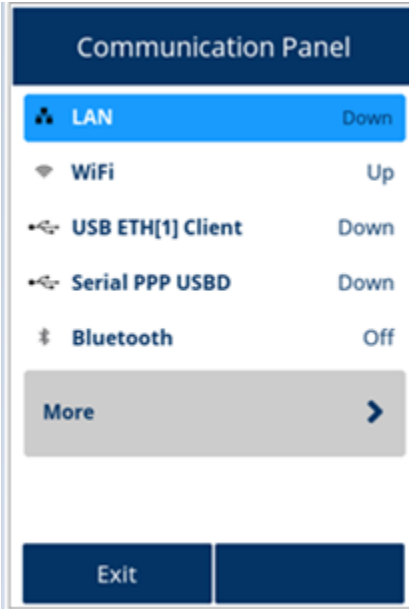
LAN Configuration

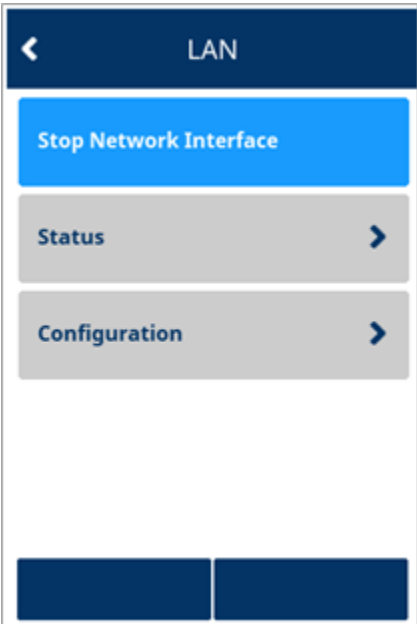
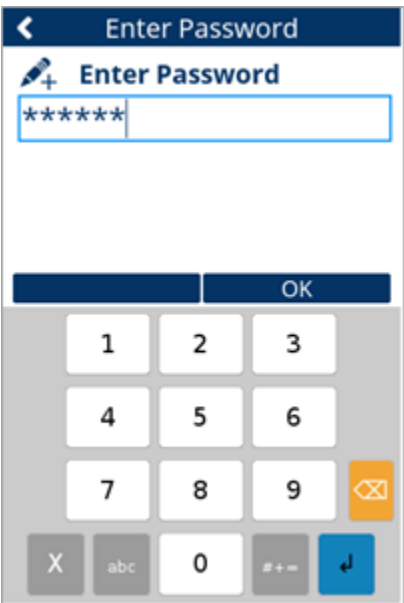
Lan network can be configured in three ways for SCA application, like using Com Control Panel, updating SCA configuration package (ccpupdate.xml file) and downloading parameter using VHQ.

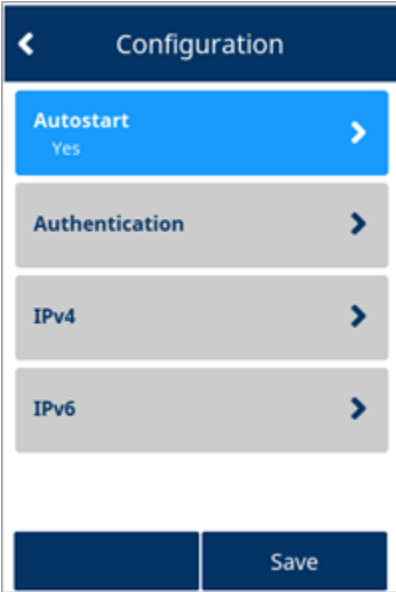

Configuration Using CCP

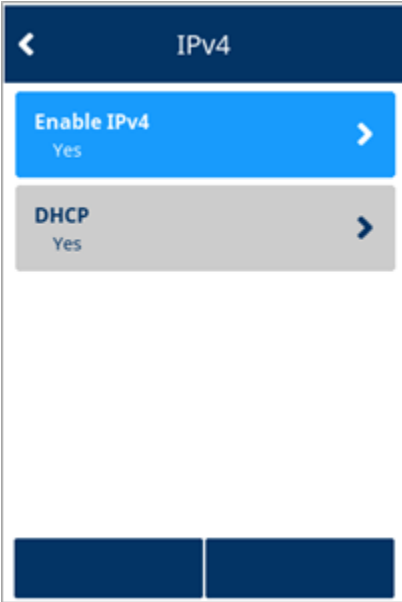

The user can configure the network by using Com Control Panel (CCP) and following are the steps to configure:

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 at the top. At the bottom, it says "Starting ccp" with a progress bar.</p>	<p>CCP screen is starting.</p>
 <p>The image shows a "Communication Panel" screen. It lists several connection options with their status: LAN (Down), WiFi (Up), USB ETH[1] Client (Down), Serial PPP USB (Down), and Bluetooth (Off). There is a "More" button with a right arrow and an "Exit" button at the bottom.</p>	<p>Communication Panel screen displaying the connection status. Select LAN to configure the network.</p>

Display	Steps Detail
	<p>LAN configuration page. Select Configuration to configure Network communication.</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 titled 'Configuration'. At the top is a blue header with a back arrow and the title. Below it are four menu items: 'Autostart' (highlighted in blue with 'Yes' below it), 'Authentication', 'IPv4', and 'IPv6' (all in grey with right-pointing arrows). At the bottom are two buttons: a dark blue one and a white one labeled 'Save'.</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 'Configuration' page, but the 'Autostart' item is now grey with 'No' below it. The other menu items and the 'Save' button remain the same.</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

https://verifone.cloud/docs/sca-functional-specification/html/comm_setup/lan_config

Updated: 04-Dec-2024

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.