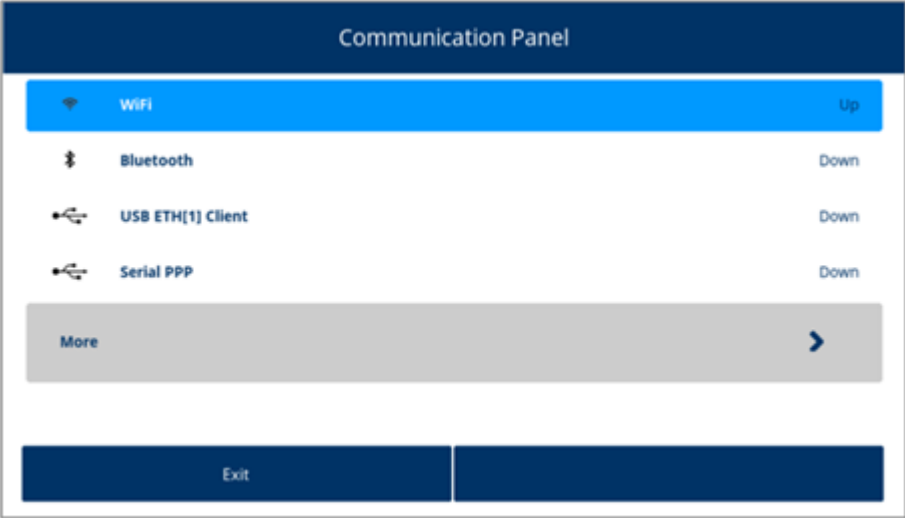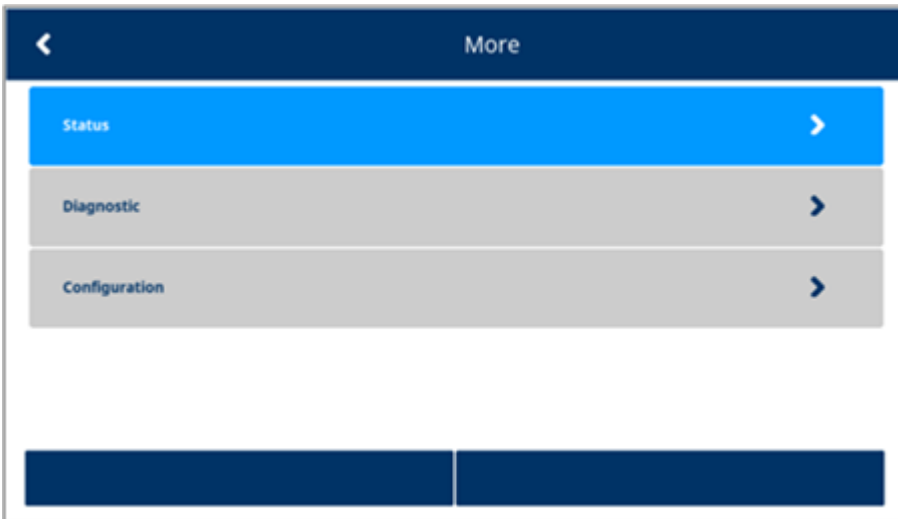# CCP and Troubleshooting

This section is describing the steps to access Communication Panel and troubleshooting.

Display	**Description**
	Select Com Control option.
	This is the Communication Panel screen displaying the connection status. Select More to start CCP.

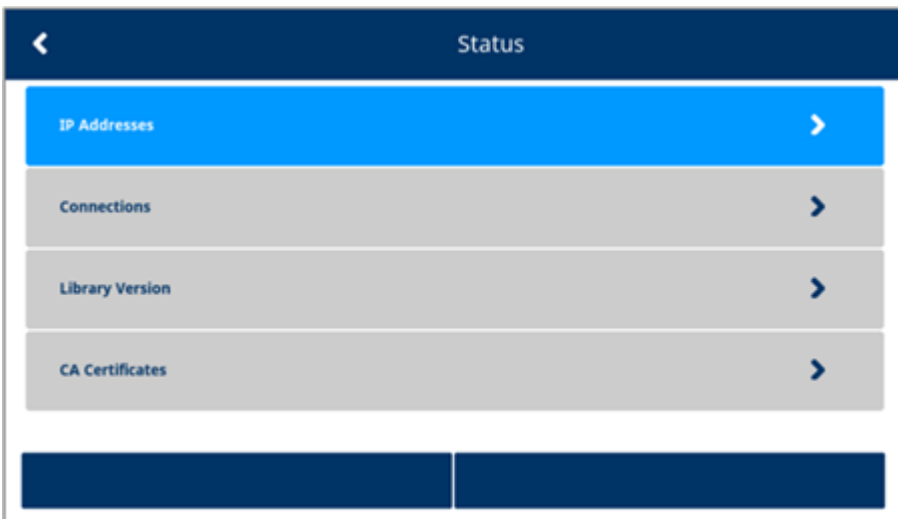| Display	Description
More — Status, Diagnostic, Configuration	Select Status to check the status for IP address, Connections, Library Version and CA Certificates. Select Diagnostics to Troubleshoot, Repair, Pinging external IP address, checking Error logs. Select Configuration to configure Network communication and to change any configuration including Device settings, change in password etc.

Status

Display	Description
Status — IP Addresses, Connections, Library Version, CA Certificates	Status list screen. Select IP Addresses to check the IP details for the list of connection.
IP Addresses — WiFi, BT LAN, BT PPP Dial-Up, USB ETH[1] Client	Select the given connection to check the status.
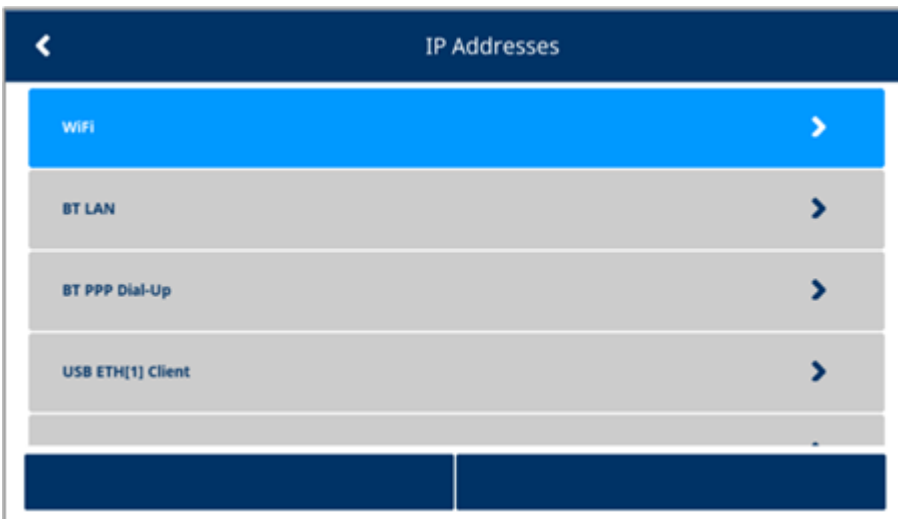
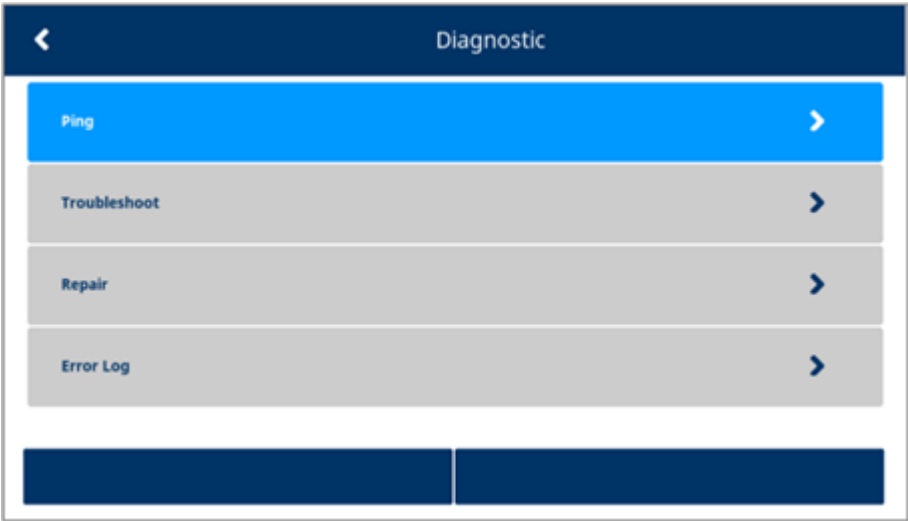| Display	Description
WiFi WiFi Status Up SSID Krantideep Frequency 2422 MHz [IPv4] IP Address 192.168.1.54 [IPv4] Netmask 255.255.255.0 [IPv4] Broadcast 192.168.1.255 [IPv4] DNS 1	This is the IP Address Status screen.
WiFi WiFi Status Up SSID Krantideep Transmitted Bytes 2492140 Transmission Errors 0 Transmitted Packets 6366 Received Bytes 571772 Receiving Errors	This is the Connections Status screen from Status list screen.
Library Version Control Panel 1.39.0-56 Libcom 2.84.4-443 Libcom service 2.84.4-443	This is the Library Version Status screen from Status list screen.

Display	Description
CA Certificates Certificate tree Empty	This is the CA Certificates Status screen from Status list screen.

Diagnostic

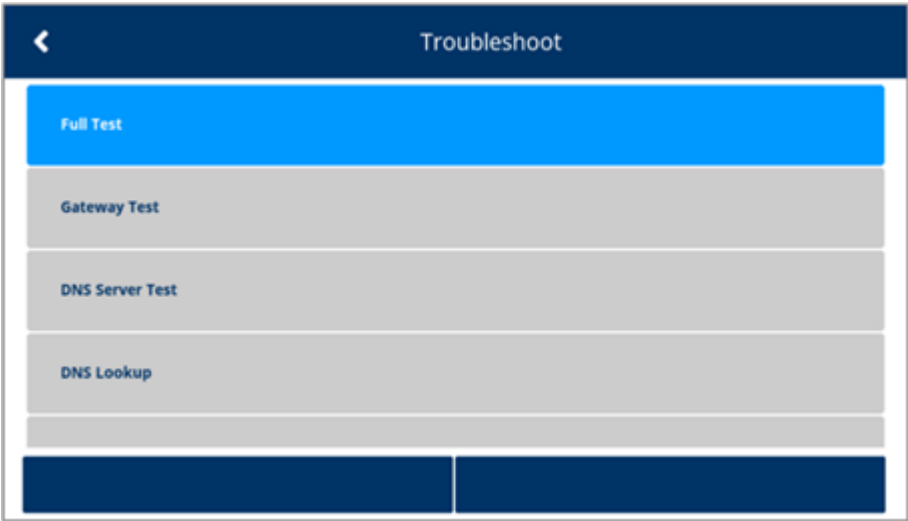| Display	Description
Diagnostic Ping >br>Troubleshoot > Repair > Error Log >	Diagnostic list.
Ping ✐ Ping 168.___.___.___ Continuous　Single	Select Ping from Diagnostic screen to test the network to connect with another external IP address. If it is able to connect to that IP over the available network, that means systems are connected via network.
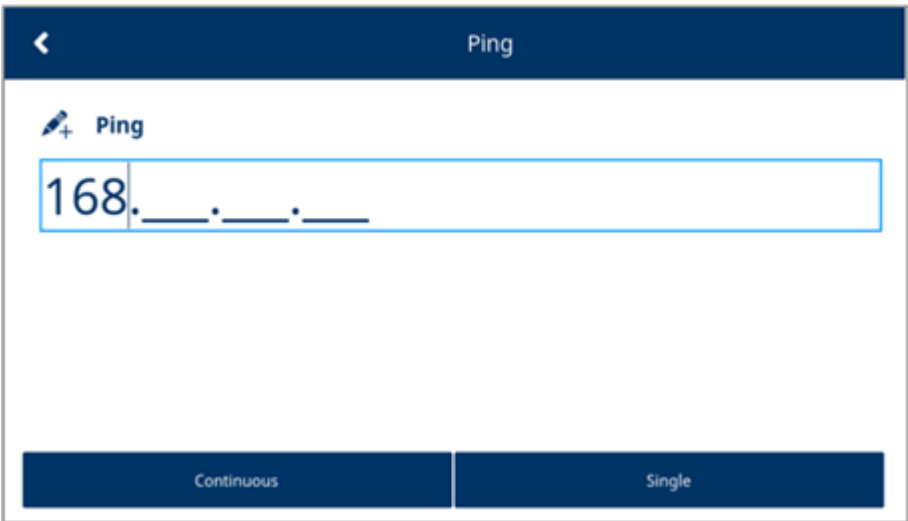
Display	Description
Troubleshoot Full Test Gateway Test DNS Server Test DNS Lookup	Troubleshoot screen selected from Diagnostic screen.
Full Test Gateway test running	Running Full Test.
Full Test Result **Gateway Test** OK **DNS Server Test** OK **DNS Lookup** Not configured **Host Ping** Not configured **TCP Conn. Test** Not configured	Full Test Result status.
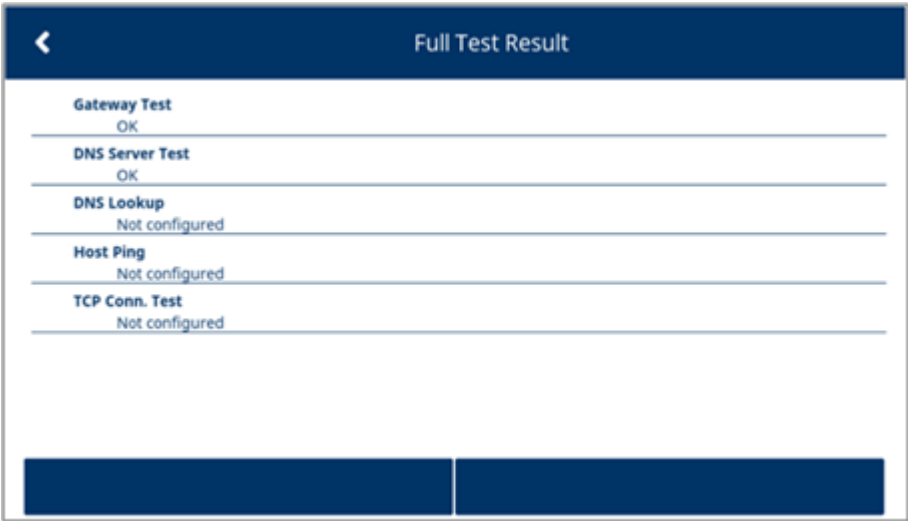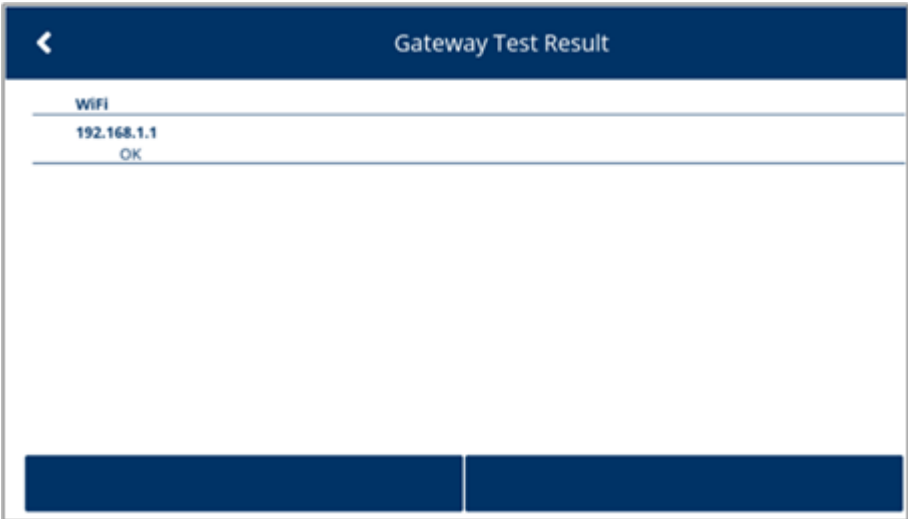
Display	Description
Gateway Test Result WiFi 192.168.1.1 OK	Gateway Test Result status.
DNS Server Test Result WiFi 192.168.1.1 OK	DNS Server Test Result status.
DNS Lookup ⚠ DNS lookup not configured OK	DNS Lookup status. Likewise select the required option from the Troubleshoot screen to identify any issue.
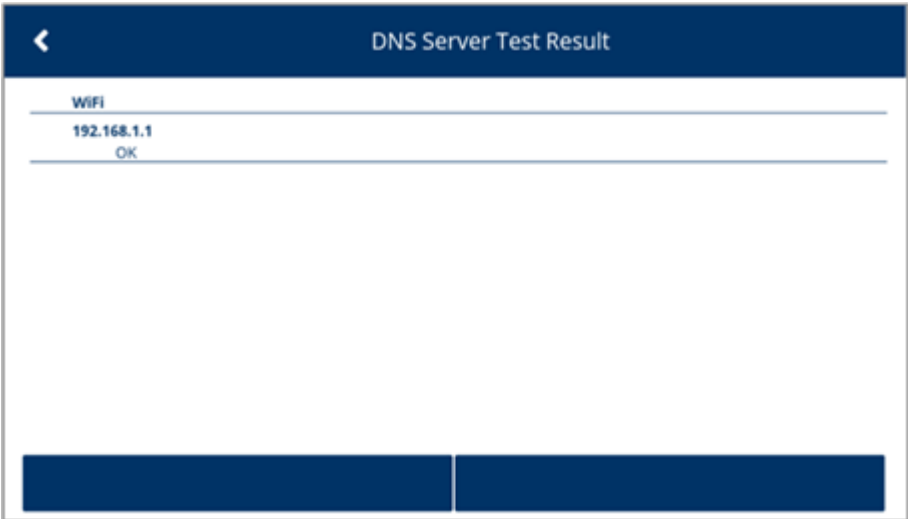
Display	**Description**

Repair [WiFi]

Please wait
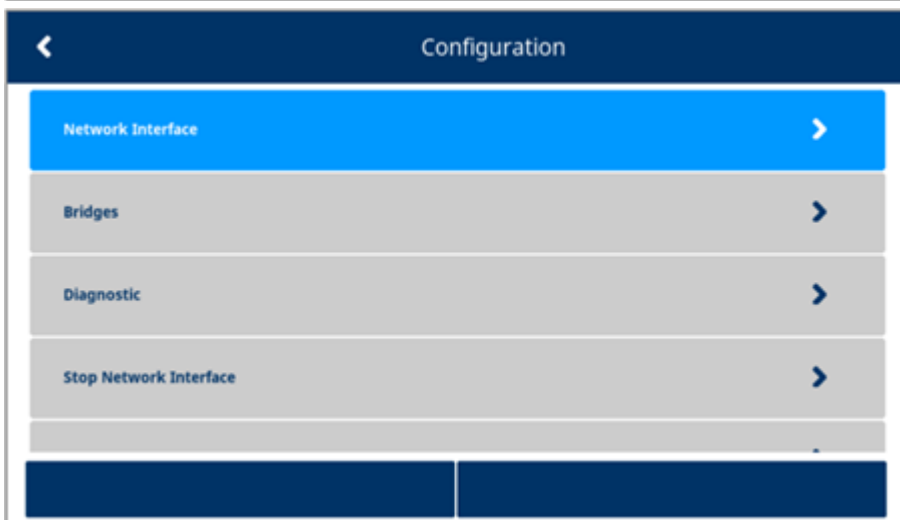
This is the Repair in progress screen after selecting Repair option from Diagnostic screen.

Repair [WiFi]

Success

OK

Status screen as Repair Success.

Error Log

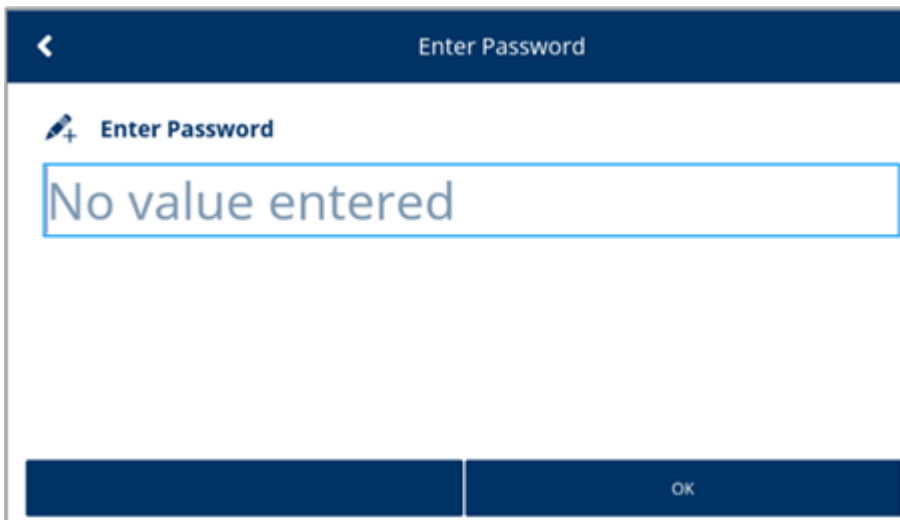[Feb 28 09:46:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 09:46:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 09:56:27] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 09:56:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 10:06:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 10:06:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 10:16:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 10:16:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 10:26:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]
[Feb 28 10:26:28] daemon_networkUp_LAN_NOBT: Cable unplugged while trying to start interface [usb0]

This is the Error Log screen selected from Diagnostic screen.
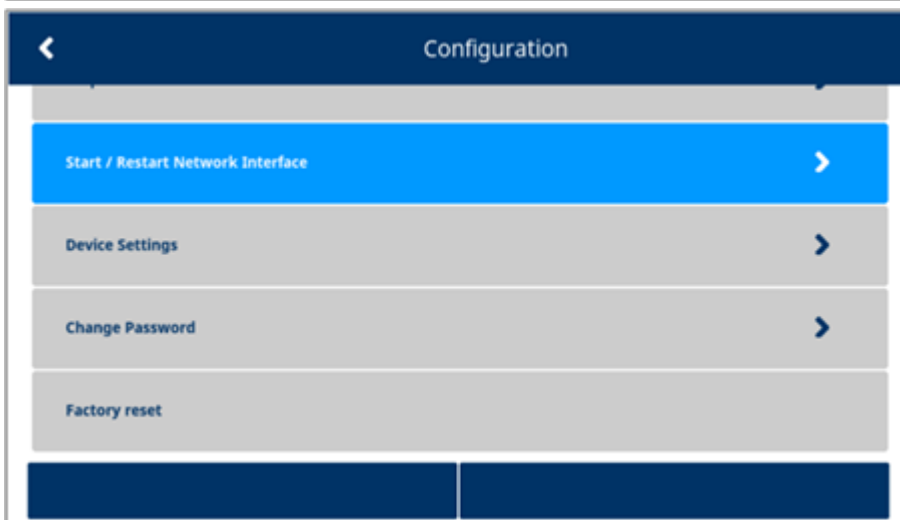
Configuration

Display	**Description**

Enter Password screen after selecting Configuration.

This is the list of fields those can be configured following the flow of screen.

Configuration screen.