

Generating a Test Report

1 Tap on the **Report** button.

The **Open** tab allows to open a previously saved report.

2 Set the report preferences and tap on the **Save** button.

Saving a Test Configuration

1 Tap on the **Load/Save** button.

2 Set the report preferences and tap on the **Save Config** button.

The **Load Config** button allows to open a previously saved configuration.

Status Bar

| | |
|------------------|--|
| Test Name | The name of the selected test. |
| Link Arrow | Green arrow: Ethernet Link up. Red arrow: Ethernet Link down. |
| Interface Speed | 10 Mbit/s, 100 Mbit/s, or 1000 Mbit/s. |
| Interface Duplex | Auto, Half Duplex, or Full Duplex |
| Test Status | Current test status. |

Test Control Buttons

| | | |
|--|------------------|--|
| | Start | Starts test. Available when the test is not running. |
| | Stop | Stops test. Available when the test is running. |
| | Load/Save | Saves, loads, and deletes configuration file(s). |
| | Report | Saves and opens test report(s). |

EXpert VoIP Test Tools is an EXFO platform-based software application that provides Voice-over-IP (VoIP) performance validation for service turn up and troubleshooting in enterprise and service provider networks.

Signal Connection

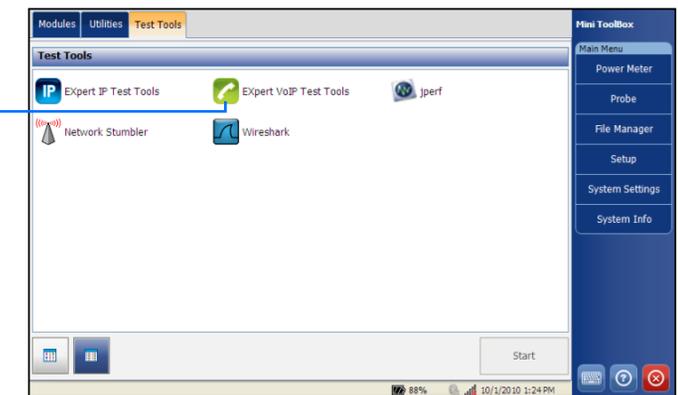
The EXpert VoIP Test Tools application uses the 10/100/100 Mbit/s Ethernet RJ45 port of the EXFO's platform. Connect the 10/100/1000 Mbit/s electrical signal to be tested to the RJ45 port of the EXFO's platform.

Starting the EXpert VoIP Test Tools

- 1** FTB-1
FTB-1v2 and FTB-1v2 Pro
FTB-2, FTB-2 Pro, and FTB-4 Pro
FTB-200v2

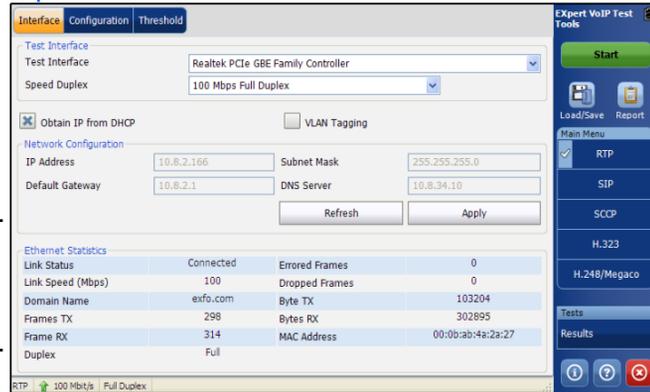
From **Mini ToolBox**, tap on the **Test Tools** tab.
From **Mini ToolBox X**, tap on the **Test Tools** tab.
From **ToolBox X**, tap on the **Test Tools** button.
From **Compact ToolBox**, tap on the **Programs** tab.

- 2** Select the **EXpert VoIP Test Tools** then tap on **Start**. The FTB-1 **Mini ToolBox** is shown below as an example.



Selecting, Configuring, and Starting a Test

2 Tap on the **Interface** tab and configure the interface parameters.

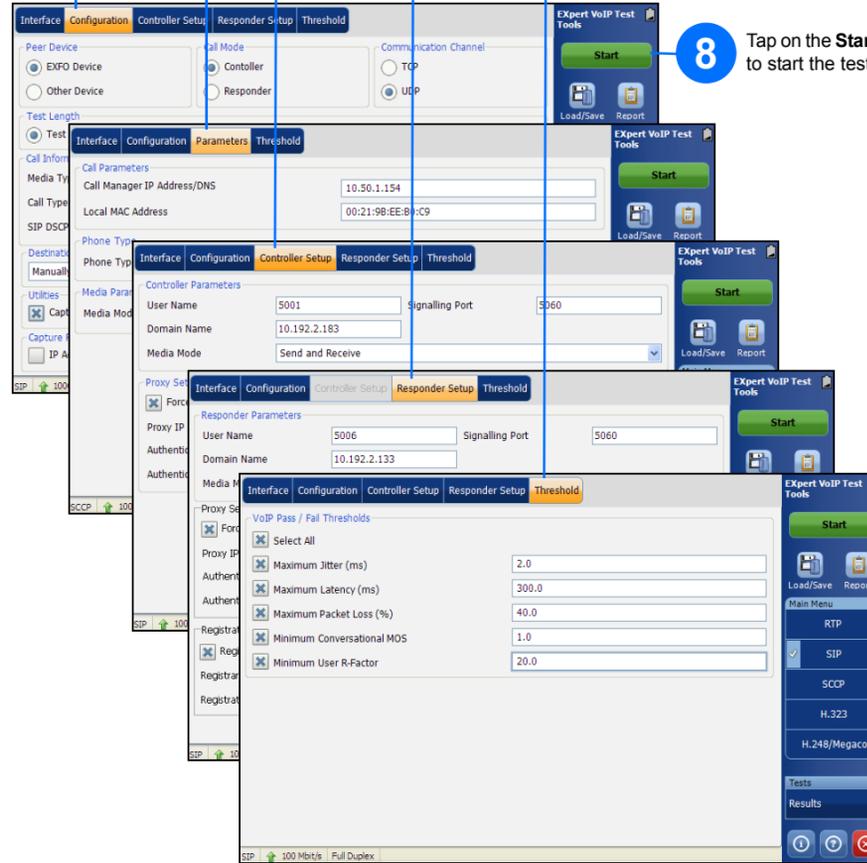


1 Tap on a test application.

- Ethernet Statistics are displayed and updated every second.
- ▶ **Link Status** displays the status of the link: **Connected** or **Disconnected**.
 - ▶ **Link Speed (Mbps)** displays the speed of the Ethernet connection.
 - ▶ **Domain Name** displays the name of the connected domain.
 - ▶ **Frame TX** displays the total Ethernet frames transmitted.
 - ▶ **Frame RX** displays the total Ethernet frames received.
 - ▶ **Duplex** displays the Duplex mode of the link: **half**, **full**, or **auto**.
 - ▶ **Errored Frames** displays the number of Ethernet frames received with error.
 - ▶ **Dropped Frames** displays the number of Ethernet frames dropped.
 - ▶ **Bytes TX** displays the total data bytes transmitted.
 - ▶ **Bytes RX** displays the total data bytes received.
 - ▶ **MAC Address** displays the MAC Address of the EXFO's platform.

Note: *Bytes TX and Bytes RX indicate the total amount of data that has passed through the Ethernet interface either way.*

3 Tap on the **Configuration** tab and configure the specific test parameters.



4 For **SCCP, H.323, and H.248/Megaco** test applications, tap on the **Parameters** tab and configure additional test parameters.

5 For **SIP** test application, tap on the **Controller Setup** tab and configure the controller parameters.

6 For **SIP** test application, tap on the **Responder Setup** tab and configure the responder parameters.

7 Tap on the **Threshold** tab and configure the pass/fail verdict thresholds.

8 Tap on the **Start** button to start the test.

9 Tap on the **Results** button to get results. The **Summary** tab is automatically displayed.



10 For **SIP** test application, tap on the **Call Details** tab for additional results.

11 For **RTP and SIP** test applications, tap on the **Controller Statistics** or **Responder Statistics** tab for additional results.

12 For **SCCP, H.323, and H.248/Megaco** test applications, tap on the **Call Quality Details** or **Call Manager Statistics** tab for additional results.