T-BERD/MTS-2000, 4000 and SmartOTDR
Smart Access Anywhere™

This quick card describes how to use **VIAVI Smart Access Anywhere** (SAA) software to remotely operate the T-BERD/MTS-2000, T-BERD/MTS-4000 and SmartOTDR, and how to transfer configuration files, test reports and other data between the instrument and a Personal Computer (PC).

Equipment Requirements:

- PC running Windows operating system
- T-BERD/MTS-2000, 4000 or Smart OTDR equipped with:
  - Software Release V18.50 or greater
  - Wireless option for Wi-Fi Connectivity
- CAT5E or better cable, for remote operation via the T-BERD/MTS RJ-45 Ethernet Management Port
- Internet connection from the PC and T-BERD/MTS or a direct Ethernet/IP connection between the PC and T-BERD/MTS (via LAN or CAT5e or better direct cable attachment)

Download and Install VIAVI Smart Access Anywhere software:

1. On PC open an Internet browser and navigate to VIAVI Smart Access Anywhere software portal: http://smartaccess.updatemyunit.net/.
2. Click on link under **Download latest update of SmartAccessAnywhere Software for Windows** to download the latest Smart Access Anywhere software release:

Figure 1: Updatemyunit.net software portal

3. Open the downloaded .ZIP archive and extract the executable Smart Access Anywhere installation image.
4. Double click on the installation image and follow the on-screen instructions to install the Smart Access Anywhere application.

Configure T-BERD/MTS Connectivity Settings:

1. Press the **ON/OFF** button to turn on the T-BERD/MTS or SmartOTDR.

2. Press the **HOME** button to display the **Home Screen.**

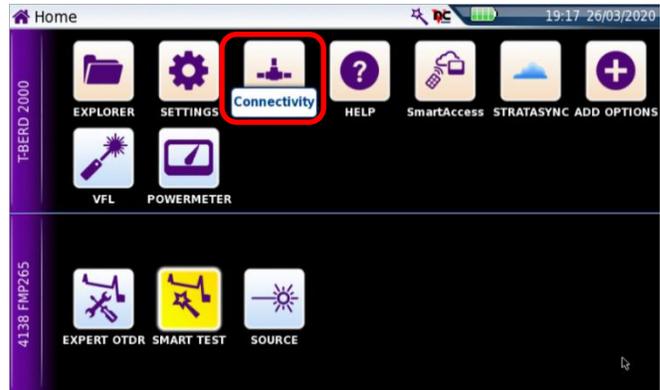3. Tap the **Connectivity** icon to view the **Connectivity Screen.**

Figure 2: Home Screen

4. For remote access using **Wi-Fi:**

   a. Tap the **Wireless 802.11** icon to view Wireless Connectivity settings.

   b. Tap the **Wireless** softkey to enable wireless configuration.

   c. Set **Wlan Mode** to **Wireless Client**.

   d. Tap the **Scan SSID** softkey,

   e. Tap to highlight the desired Wi-Fi network, and tap **Select**.

   f. If required, tap on **Key/Password** field to provide login credentials to join the network and obtain an IP address.

   g. Tap the **Connect SSID** and verify the Wifi icon is now amber

   h. Tap the **Exit** soft key to return to the **Connectivity Screen**. The IP Address will be displayed in the lower half of the screen.
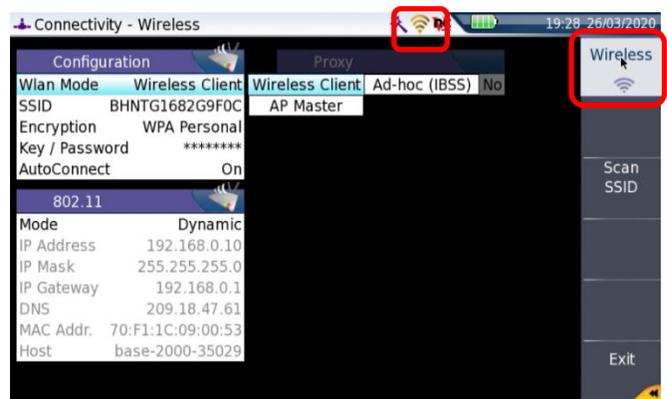

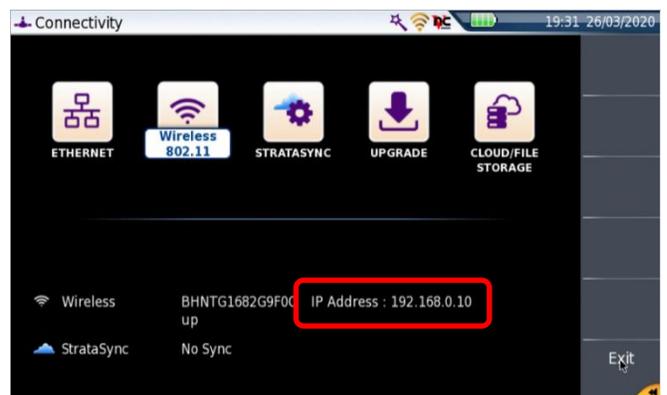*Figure 3: Wireless Connectivity Settings*

Figure 4: Connectivity Screen

5. For remote access using the T-BERD/MTS **RJ-45 Ethernet Management Port:**

   a. Tap the **Ethernet** icon to view Ethernet Connectivity settings.

   b. Open the flap on the top of the test set to access the management ports.

   c. Connect CAT5E or better cable between the T-BERD/MTS RJ45 connector and the router or PC.

Figure 5: T-BERD/MTS 2000, Top view

d. If using DHCP, set **Mode** to **Dynamic** and wait until unit obtains an IP address.

e. Otherwise, set **Mode** to **Config 1** and configure a static IP address.

f. Tap the **Exit** soft key [Exit] to return to the **Connectivity Screen**. The IP Address will be displayed in the lower half of the screen.
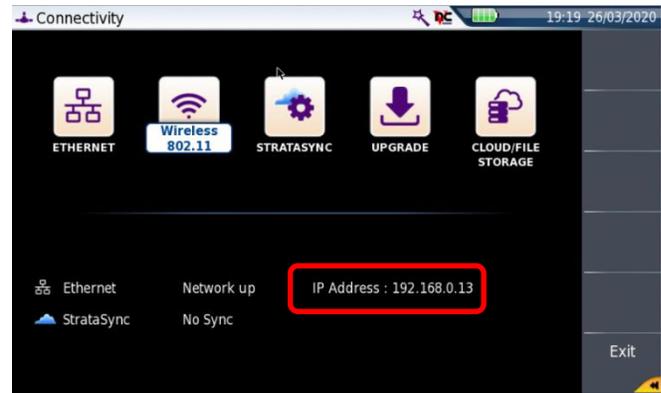

Figure 6: Connectivity Screen

6. If you are establishing the remote connection via the internet, tap the **Smart Access** icon [SmartAccess] to register with the VIAVI Smart Access Anywhere (SAA) server and obtain the access code. Once the unit is connected, note the **Access code**. The access code must be used if the T-BERD/MTS is on a private network, such as a Wi-Fi Hotspot or Wireless LAN.

Figure 7: Access Code

Operate the T-BERD/MTS 2000 from your PC using Smart Access Anywhere:

1. Launch the VIAVI SmartAccessAnywhere application [icon] and enter the T-BERD/MTS Access Code or IP Address in the text box labeled **Access code or local IP address.**
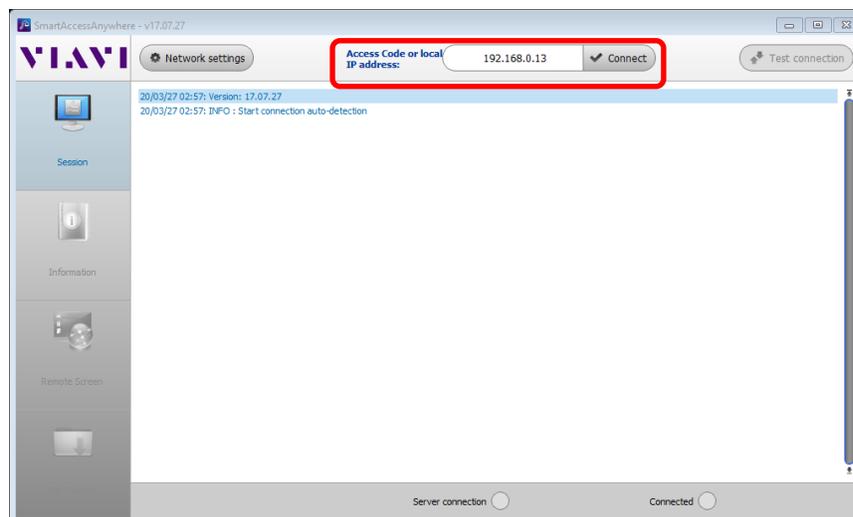

Figure 8: SmartAccessAnywhere Session Screen

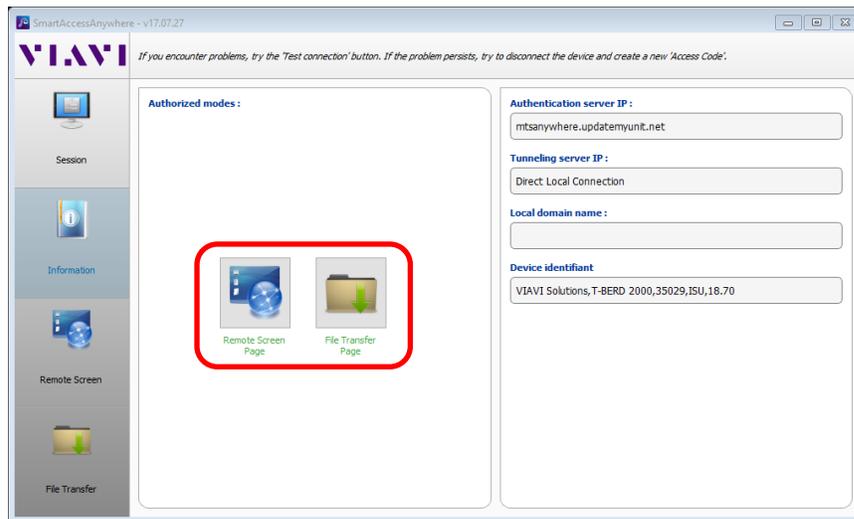2. Click the **Connect** button ✓ Connect and wait for connection.

Figure 9: SmartAccessAnywhere Information Screen

3. Click the **File Transfer Page** icon and select any configuration files, reports, or other files and use the ⬆ Upload or ⬇ Download buttons to copy the file(s) to/from the T-BERD/MTS.

4. Click the **Remote Screen Page** icon to gain access to the T-BERD/MTS user interface, where you can configure tests, run tests, or perform any other actions using your mouse instead of the touchscreen.
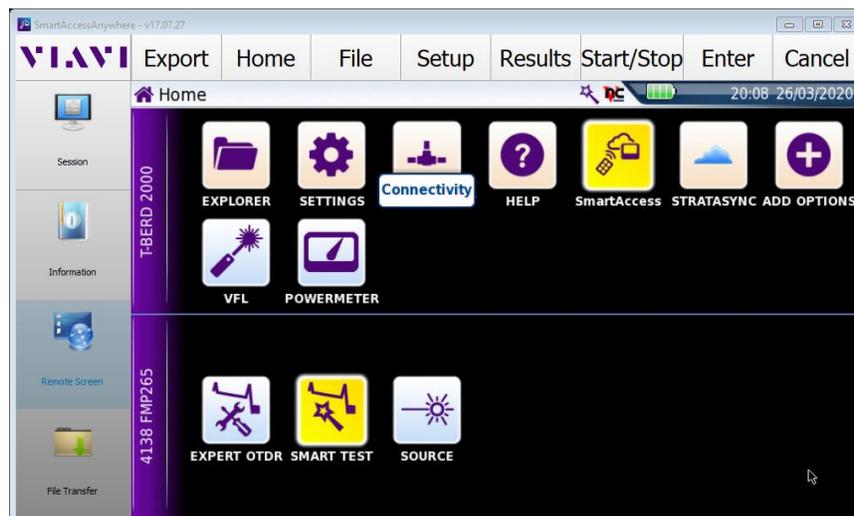

Figure 10: SmartAccessAnywhere Remote Screen Page