Viavi MTS/T-BERD TB8000e V2
Mainframe & BERT Module
Software Update Instructions

September 29, 2017

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Scope

There are three methods to update T-BERD 8000 V2 software:

1. Network upgrade - Use this method to update your T-BERD via an Internet connection.
2. USB upgrade - Use this method to update your T-BERD with a USB thumb drive.
3. StrataSync upgrade - Use this method if your T-BERD 8000 V2 is managed using Viavi’s StrataSync Asset Management system.

The T-BERD must be connected to AC Power, regardless of update method.

1. Network Upgrade

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Power On</td>
<td>Press and hold the ON/OFF button briefly to turn on the T-BERD 8000 V2.</td>
</tr>
<tr>
<td>2.</td>
<td>AC Power</td>
<td>Connect the AC power adapter to the power connector on the right side of the T-BERD 8000 V2.</td>
</tr>
<tr>
<td>3.</td>
<td>LAN Connection</td>
<td>Connect the Ethernet Management Port on the top of the T-BERD 8000 V2 to a network connection with internet access, using CAT 5E or better cable.</td>
</tr>
<tr>
<td>4.</td>
<td>Home</td>
<td>Press the HOME button, at the right side of the display, to display the HOME screen selections.</td>
</tr>
</tbody>
</table>
5. Network Settings

Press the CONNECTIVITY icon and then the ETHERNET icon to display LAN Settings. Touch on MODE and select DYNAMIC to “DHCP” for automatic IP address assignment or “Static” for manual input.

After configuring LAN settings, press the EXIT button, on the right side of the display to exit back to the Connectivity menu.

6. Upgrade

Press the UPGRADE icon, to display upgrade methods.
Set **ADDRESS Type** to Viavi Server.

7. **Connect**

Press **SOFTWARE UPGRADE** and then **UPGRADE VIA ETHERNET**.

When prompted to confirm the address as 8kav2.update.myunit.net press **CONTINUE**.

You will receive a prompt to wait as it contacts the upgrade server.
The unit will present the first selection for Fiber Optics only upgrades. Note that BERT software version is not listed on the right side of the screen.

Press the **SHOW NEXT CHOICE** to proceed to the BERT upgrade.
The BERT upgrade version should now be displayed on the right side of the screen. Press CONFIRM THIS CHOICE to begin the upgrade.
## 2. USB Upgrade

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<tr>
<td>1.</td>
<td>Updatemyunit.net</td>
<td>Using an internet browser on your PC or laptop, go to <a href="http://updatemyunit.net/">http://updatemyunit.net/</a></td>
</tr>
<tr>
<td>2.</td>
<td>8000v2</td>
<td>Click on <a href="http://8k.updatemyunit.net">http://8k.updatemyunit.net</a> to display the T-BERD 8000 V2 upgrade portal.</td>
</tr>
</tbody>
</table>
3. Download  
   From the second selection labelled Download Latest Combo (Fiber Optics and BERT) click on the flag icon to download the current software revision from the selected download server. There are choices for North America, EMEA and APAC servers. Save it to your desktop and wait for the download to complete.

4. USB Stick  
   Insert a USB thumb drive into the USB port on your PC or laptop.

5. Extract  
   Open and run the downloaded file, enter the path of the USB stick, and press `OK` to extract files.
6. Eject       Safely eject the USB drive from your PC or Laptop
7. Power on T-BERD  Press and hold the ON/OFF button briefly to turn on the T-BERD 8000 V2.
8. Power       Connect the AC power adapter to the power connector on the right side of the T-BERD 8000 V2.
9. USB         Connect the USB Thumb Drive to one of the USB ports on the top of the T-BERD 8000 V2. An 8GB or smaller drive is recommended.
10. Home       Press the Home button, to the right of the display, to display the HOME Screen selections.

Please, enter the path of the USB Stick:

[Input field for E:\]
11. Press the CONNECTIVITY icon and select UPGRADE.

12. Upgrade

13. USB Upgrade Press Software Upgrade and then Upgrade from USB to display upgrade versions available on the USB stick. Confirm when prompted to display the
14. Start Upgrade  Press Confirm this Choice to start the upgrade.
3. **StrataSync**

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<td>System</td>
<td>Press the HOME button, to the right of the display, to display the HOME screen selections.</td>
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<td>5.</td>
<td>Network Settings</td>
<td>Press the CONNECTIVITY icon and then the ETHERNET icon to display the LAN Settings. Touch on MODE and select DYNAMIC to “DHCP” for</td>
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automatic IP address or “STATIC” for manual input.

![Connectivity - Ethernet settings](image)

After configuring LAN settings, press the EXIT button, on the right side of the display, to exit back to the CONNECTIVITY screen.

6. **StrataSync**

   Press the STRATASYNC icon, to display StrataSync Settings. Ensure that **Account ID** and **Technician ID** match those of your StrataSync account. Ensure that the Server Type is set for Viavi Server.
7. **Sync**

Press CONNECT TO STRATASYNC to sync your T-BERD 8000 V2 and initiate upgrades authorized by your StrataSync System Administrator. If an upgrade was assigned to your instrument you will be taken to the UPGRADES menus and you will be asked to confirm the upgrade to start the download. If you were expecting an upgrade notification and did not receive one during your sync to Stratasync, contact your company’s Stratasync Admin.