# T-BERD/MTS 4000v2 Portable Network Tester

## QUICK CARD

### **Updating Software via USB**

This quick card outlines how to upgrade the T-BERD/MTS 4000v2 to the latest software revision using a USB Flash Drive. Note: the software must be downloaded to a PC and **extracted** to a formatted 2GB to 16GB USB flash drive. If the downloaded file is copied directly to the USB flash drive, the upgrade will fail.

### EQUIPMENT REQUIREMENTS

Equipment Requirements:

- T-BERD/MTS 4000v2
- 4GB to 16GB USB Flash Drive
- Laptop or Personal Computer with Internet Access

to



Figure 1: Equipment Requirements

### FORMAT USB FLASH DRIVE

- 1. Press the **ON/OFF** button (U) to turn on the test set.
- 2. Press the **HOME** button display the home screen.
- Tap the SETTINGS icon in the Home Screen to access System Settings.
- 4. Insert the USB Flash Drive into a USB port on the top of the T-BERD/MTS test set.
- 5. Tap the **Expert Tools** soft key.
- 6. Tap <sup>Utilities</sup> to display USB soft keys.
- 7. Tap the **Usbflash Format** soft key Usbflash Format and Confirm to format the Drive.
- 8. Tap the **Eject USB** soft key and remove the USB Flash Drive from the USB port of the test set.



#### Figure 2: T-BERD/MTS-4000v2 Home Screen

System Setting	S		🍾 🤝 🍋 100% 📥 01:09 pm	11/28/2021
Display	2			About
Backlight	+3	+3		0
Contrast	Outdoor			Region
Screen Saver	•			Region
Export Screen	Permanent			_ 💔
Utility	<b>*</b>			Edit
Auto off	No			Humber
Storage Limit	70 %			
Audio				
Headset Volume	0		(	Expert
				Tools
				~
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				LXIL

Figure 3: System Settings

https://www.viavisolutions.com/en-us/products/otdr-fiber-characterization

VIAVI Solutions

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# QUICK CARD

## DOWNLOAD ARCHIVE AND EXTRACT TO USB FLASH DRIVE

- 1. On Laptop or Personal Computer, open an Internet browser and navigate to the software update portal for your test set:
  - T-BERD/MTS-4000 V2 Product Update | Update My Unit | VIAVI Solutions Inc.
- 2. Click on a Flag icon and run platform software from the nearest server:
  - Europe Server
  - North America Server
  - Singapore Server.
- Note: Select "<u>Run</u>" or "<u>Open file</u>" to extract the upgrade files to a USB drive. If you save the .exe file directly to the USB flash drive, the update will fail.
- 4. Enter or browse to the path of the USB Stick and press the OK button to extract update files to the USB Flash Drive.
- 5. Eject and remove the USB Flash Drive from the Laptop or Personal Computer.

	Q	ia 🖆 🖷 🐉
INIT		
D/MTS-4000 V/2 Produ	ict Lindate	
D/1110 4000 V211000	let opdate	
THE AUTOMATIC WEB U	PDATE FROM THIS PAGE CURRENTI	Y PROVIDES
Release Info	Version	Date
File System	21.9.11	2021-11-26
Boot	V10.80	2021-10-08
Linux Kernel	21.8.2	2021-09-27
Fiber Optics	V21.62	2021-11-26
Instrument Setup	V21.62	2021-11-26
Microscope	V21.62	2021-11-26
	Unit Setup	
MENU > HOME > Connectivity >	Upgrade > Select Server Name: 4	kv2.updatemyunit.net
Then	PRESS > Software Upgrade	
DOWNLOAD LATEST SOFTWARE	1	
File Name	File Size Release Dat	e Release Notes
base4kv2-214750-Win32.exe	296.446 MB	Release Notes
base4kv2-214750-Win32.exe Release Info	296.446 MB Version	🛿 Release Notes Date
base4kv2·214750·Win32.exe Release Info File System	296.446 MB Version 21.9.11	Date 2021-11-26
base4kv2-214750-Win32.exe Release Info File System Boot	296.446 MB Version 21.9.11 V10.80	Release Notes Date 2021-11-26 2021-10-08
base4kv2-214750-Win32.exe Release Info File System Boot Linux Kemel	296.446 MB Version 21.9.11 V10.80 21.8.2	Release Notes Date 2021-11-26 2021-10-08 2021-09-27
base4kv2-214750-Win32.exe Release info File System Boot Linux Kernel Fiber Optics	296.446 MB Version 21.9.11 V10.80 21.8.2 V21.62	Date           Date           2021-11-26           2021-0-08           2021-09-27           2021-11-26
	CD/MTS-4000 V2 Produ THE AUTOMATIC WEB U Release Info File System Boot Linux Kernel Filter Optics Microscope Microscope Microscope MENU > HOME > Connectivity > Ther DOWNLOAD LATEST SOFTWARE	THE AUTOMATIC WEB UPDATE FROM THIS PAGE CURRENT         Release Inf0       Version         File System       21,9,11         Boot       V10.80         Linux Kermel       21.8,2         Filer Optics       V21.62         Microscope       V21.62         Unit Setup       LATE Software Upgrade         MERU > HOME > Connectivity > Upgrade > Software Upgrade       Yersen PARSES         DOWNLOAD LATEST SOFTWARE       VICA

Figure 4: updatemyunit.net

👕 base	e4kv2-214750-Win32	×				
	VIAVI Release for Mts4000V2 [214750_mts4000ng]					
	This program extracts Mts4000V2 release to USB					
	Content of version:           File System         : 21.9.11 : 2021-11-26           Boot         : V10.80 : 2021-10-08           Linux Kernel         : 21.8.2 : 2021-09-27           Fiber Optics         : V21.62 : 2021-11-26           Instrument Setup         : V21.62 : 2021-11-26           Microscope         : V21.62 : 2021-11-26					
Please, enter the path of the USB Stick:						
E:\						
	OK Cancel					

Figure 5: Enter or Browse to the path of the USB Flash Drive

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#### UPGRADE TEST SET

- Insert the USB Flash Drive into a USB port on the top of the T-BERD/MTS test set.
- 2. Plug the T-BERD/MTS test set into AC power. You cannot update the software while running on battery.
- 3. Press the **HOME** button **to** display the Home Screen.
- 4. Tap the Connectivity icon in the Home Screen.
- 5. Tap the UPGRADE Icon to show the Software Upgrade screen.
- 6. Verify Address Type = Viavi Server.
- 7. Tap the **Software Upgrade** soft key Upgrade
- 8. Tap the **Upgrade from USB** soft key from USB
- 9. Tap Confirm
- 10. Tap the **Confirm this Choice** soft key Confirm this Choice
- 11. Follow screen prompts to complete the software upgrade.



#### Figure 6: T-BERD/MTS-4000v2 Home Screen

- Connectivity		*	Ģ <b>₽</b> 100%	📥 01:19 pm	11/28/2021
Ethernet	RELESS BLUETOOTH	STRATASYNC U	PGRADE CL	OUD/FILE STORAGE	
器 Ethernet 후 Wireless	Network up down	IP Address : 192	.168.1.141		
📥 StrataSync	Last Sync succes	sful (on 06/22/2021 (	)3:12 pm)		Exit

#### Figure 7: Connectivity Menu



Figure 8: Software Upgrade Menu

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Software