

MTU Versions A–C Software Upgrade Readme File

This document provides information on upgrading MTU boxes running software levels A, B, and C. With version D of the MTU software, a simplified upgrade method was introduced. If you are upgrading from version D software, refer to MTU Upgrade.pdf for instructions.

Two files are required to perform the upgrade: the current version .upg file and setup.bat.

NOTE: Upgrading the operating software will destroy any data files on the MTU. Transfer your data files to another storage medium before beginning the upgrade.

To upgrade an MTU containing version A or B software (e.g. 3100A10 or 3100B2):

Requirements: Intersvr connection.
 Procomm or Hyperterminal terminal program on PC.

1. Connect the MTU to the PC using both a serial cable and a parallel cable. Launch Procomm or Hyperterminal on the PC.
2. On the MTU, exit the operating system and go to the DOS prompt. This can be done by commands from the PC or by interrupting the boot process of the MTU:

To use PC commands, use either WPTAB.EXE or WinHost.EXE:

- a. Launch WPTAB.EXE.
- b. Select the XDOS parameter from the Parameter Table Item Codes and Values list.
- c. Type 1 in the New value box.
- d. Click Change Value. **Immediately**, on the PC keyboard, hold down the Ctrl key and repeatedly press Break.

The DOS prompt should appear.

Alternatively,

- a. Launch WinHost.EXE.
- b. Select “MTU Exit to DOS now.” **Immediately**, on the PC keyboard, hold down the Ctrl key and repeatedly press Break.

The DOS prompt should appear.

To interrupt the boot process of the MTU:

- a. Power the MTU off.
- b. When the LED goes out, power the MTU on. *At the same time*, on the PC keyboard, hold down the Ctrl key and repeatedly press Break.

The DOS prompt should appear.

3. Launch Intersvr on the MTU by typing `I` or `Svr` at the MTU's DOS prompt. Establish a connection with the MTU's disk on the Host PC.
4. Copy the two files, Setup.bat and *.upg, from the install disk to the root directory of the MTU disk.
5. Once copying is completed, power the MTU off, and then back on to get to the DOS prompt.
6. At the DOS prompt, type `Setup` and press Enter.

The installation program will run and reboot the MTU several times until completed. On the final boot, the MTU operating software should run, and the unit is ready for use.

To upgrade an MTU containing version C software (e.g. 3100C1):

Requirements: WinHost.Exe.
Procomm or Hyperterminal terminal program.

1. Connect the MTU to the PC using both a serial cable and a parallel cable. Launch Procomm or Hyperterminal on the PC.
2. Launch WinHost.
3. Under System Request, click Setup. If asked to verify the change, click OK.
4. From the command buttons on the right of the main window, click MTU Files.
5. In the File Utilities dialog box, click Send File and transfer the two files, Setup.bat and *.upg, from the install diskette to the Data (not the CAL) directory of the MTU.

Note: When the files are transferred to the MTU, a message may appear saying the directory is empty, and the files will not be displayed. Ignore the message, as this version of software only displays files of type *.ts?

6. Select "MTU Exit to DOS now." *Immediately*, on the PC keyboard, hold down the Ctrl key and repeatedly press Break.

The DOS prompt should appear. If it does not, interrupt the boot process of the MTU.

To interrupt the boot process of the MTU:

- a. Power the MTU off.
- b. When the LED goes out, power the MTU on. ***At the same time***, on the PC keyboard, hold down the Ctrl key and repeatedly press Break.

The DOS prompt should appear.

7. Switch to the \Data directory by typing `cd \data` at the MTU's DOS prompt.
8. Type `Setup` and press Enter.

The installation program will run and reboot the MTU several times until completed. On the final boot, the MTU operating software should run, and the unit is ready for use.