

Upgrading TSI1000 software using MS IE Browser

1. Obtain a network-equipped PC.
2. Download TSI1000B.EXE and TSIARG.TXT from Image Video and store them on the PC hard-drive at C:\TEMP.
3. Make a physical network connection between your TSI and the PC (using a crossover network cable or a hub).
4. Set your PC to be in the same subnet mask as the TSI1000 (the TSI1000s subnet mask is factory-set to 255.255.255.0 so your PC must have the same first three octets in it's IP address. e.g. if the TSI1000 has an IP address of 192.168.0.202 then your PC must be something like 192.168.0.210). On a Windows PC this means setting the "IP Address" option of your TCPIP network adapter to "Specify an IP Address" with an address, instead of "Obtain a network address automatically".
5. Connect a PS/2 style keyboard and VGA monitor to the back of the TSI1000. Power cycle the TSI1000 and while it is restarting repeatedly press the 'q' key. The TSI1000 will halt with a message on the VGA monitor and will flash the ENET and CPU LEDs on the front panel, alternating once per second between red and green.
6. From a PC networked to the TSI1000 ping the IP address of the TSI1000 to make sure it is there.
7. Open the MS IE browser. Click Tools > Internet Options > Advanced. Under the Browsing section, check "Enable folder view for FPT sites", or confirm that this option is already checked. Click OK.
8. Close and reopen the browser.
9. In the address bar of the browser type
<ftp://<TSI1000 IP Address>>
for example
<ftp://192.168.0.201>
and press enter.
10. Find a file called TSI1000B.Exe. Right-click on the file, click "Rename" and rename the file to "TSI-OLD.EXE".

11. Drag the new TSI1000B.EXE from its folder on the PC hard drive to the browser window. The file will be transferred.
12. Right-click the new TSI1000B.EXE file in the browser window and click “Properties”. Note the “Size” of the file and confirm that this size matches the size of the original TSI1000B.EXE file its folder on the PC hard drive file. This confirms that the entire file was successfully transferred. *Do not restart the TSI1000 until the result of this step is affirmative.*
13. If an update for TSIARG.TXT is also available, drag the new TSIARG.TXT from its folder on the PC hard drive to the browser window. The file will be transferred.
14. Power cycle the TSI1000.

To reinstate previous renamed firmware (1):

1. Connect a PS/2 style keyboard and VGA monitor to the back of the TSI1000. Power cycle the TSI1000 and while it is restarting repeatedly press the 'q' key. The TSI1000 will halt with a message on the VGA monitor and will flash the ENET and CPU LEDs on the front panel, alternating once per second between red and green.
2. From a PC networked to the TSI1000 ping the IP address of the TSI1000 to make sure it is there.
3. Open a browser. In the address bar of the browser type

<ftp://<TSI1000 IP Address>>

for example

<ftp://192.168.0.201>

and press enter.

4. Find a file called TSI1000B.Exe. Either (a) right-click the file, click "Rename" and rename the file to "TSI-NEW.EXE" or (b) right-click the file and click "delete" to delete the new firmware.
5. Find the file called "TSI-NEW.EXE". Right-click on the file, click "Rename" and rename the file to "TSI1000B.EXE".
6. Power-cycle the TSI1000.

To reinstate previous renamed firmware (2):

If the TSI1000B.EXE file has been corrupted, and the TSI1000 cannot accept an FTP session, attach a keyboard and VGA monitor to the TSI1000 and power-cycle the unit. While it reboots, repeatedly press CTRL-C until "Terminate Batch Job?" appears. Press "Y" to get the C: prompt. Then type:

```
REN TSI1000B.EXE TRASH.EXE
REN TSI-OLD.EXE TSI1000B.EXE
BOOT
```

Each line is followed by pressing the Enter key.

The TSI1000 will restart. Reestablish an FTP session with the TSI1000 then type

```
DEL TRASH.EXE
```

Avoid using the DEL command at the C: prompt