

# SCOPIA VC240 Software Upgrade Procedure (January 2010)

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## Prerequisites

This section outlines the prerequisites for the SCOPIA VC240 upgrade procedure.

In general, a VC240 software upgrade can be performed by means of TFTP. The VC240 monitor can be instructed to download the software from a local TFTP server installed on the LAN.

## VC 240

Verify that the VC240 unit is connected to the network.

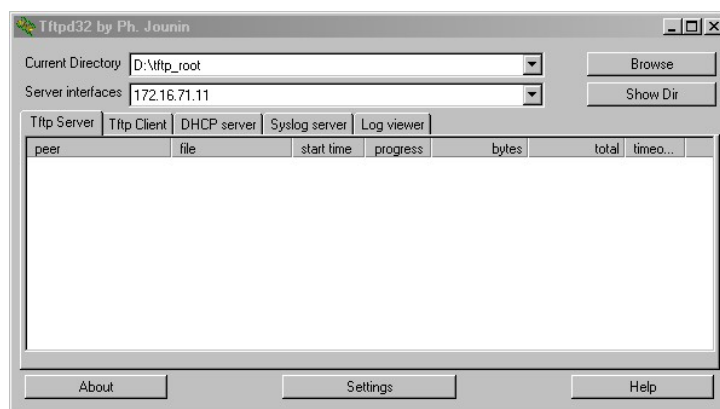
## TFTP Server

Generally speaking, almost any TFTP server can be used. The recommended TFTP server is Tftpd32.

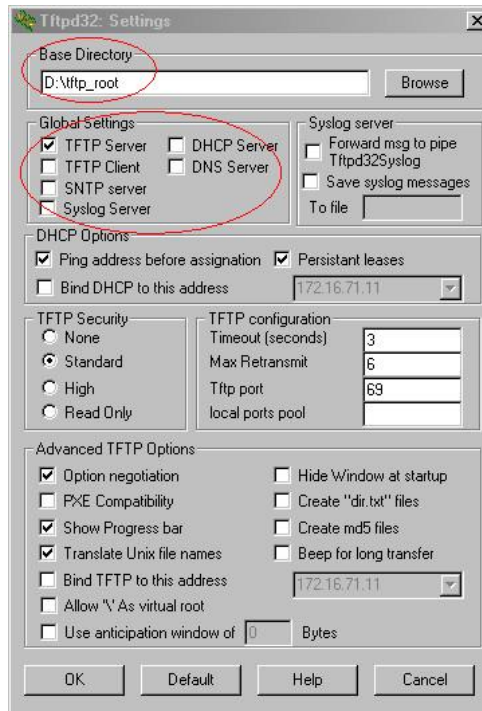
Tftpd32 is an open source, fully functional, free TFTP server. You can find more information about it at <http://tftpd32.jounin.net/>.

To set up the server:

1. Download and install the TFTP server from <http://tftpd32.jounin.net/download/Tftpd32-3.35-setup.exe>.
2. After the installation is completed, start the TFTP server from [Start] → [Programs] → [Tftpd32] → [Tftpd32] and click the **Settings** button:
  - a. Change the **Base Directory** to the directory in which the upgrade software is located.
  - b. Under **Global Settings**, leave only the **TFTP Server** check box checked (i.e., the DHCP Server, DNS Server, SNTP Server, Syslog Server and TFTP Client check boxes should be clear). The other check boxes should not be changed.



**Tftpd32 window**



***Tftpd32 Settings window***

## Upgrade Procedure

This section explains how to perform a software upgrade for SCOPIA VC240 monitors.

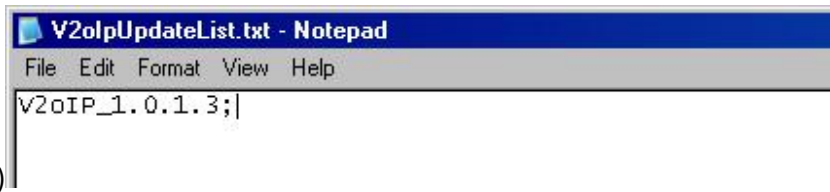
### Setting up the TFTP Server

First, make sure the software upgrade package is available on the TFTP server.

A software upgrade is split into three separate tar.gz files, which must all be available at the time of the upgrade. They are prefixed **master**, **slave** and **douglas**, followed by the version number. In addition to these files, a text file with the list of versions available for the upgrade should also be available.

This is done as follows:

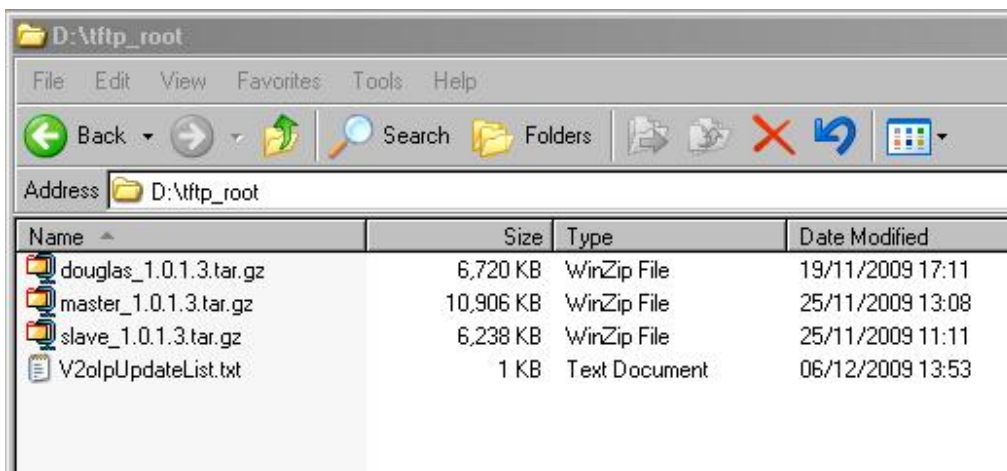
1. Make sure the **TFTP Server** is available for use on the network.
2. The **Root Directory** of the **TFTP Server** should include the four files described below:
  - a. **V2olpUpdateList.txt** contains the latest software version number in the format of **V2oIP\_x.x.x.x;** (for example,



**V2oIP\_1.0.1.3;)**

*Sample V2olpUpdateList.txt with version number for version 1.0.1.3 upgrade*

- b. **douglas\_x.x.x.x.tar.gz** (for example, douglas\_1.0.1.3.tar.gz)
- c. **master\_x.x.x.x.tar.gz** (for example, master\_1.0.1.3.tar.gz)
- d. **slave\_x.x.x.x.tar.gz** (for example, slave\_1.0.1.3.tar.gz)



*Sample TFTP root directory with version 1.0.1.3 upgrade package*

## Upgrading SCOPIA VC240

Once your TFTP server is set up and ready, follow the instructions below to upgrade the SCOPIA VC240 version:

1. Turn the unit OFF and then ON again using the ON/OFF button at the back of the unit, and wait until unit initialization is completed.
2. On the remote control, press the **S.MENU** button.  
The Setup window displays.
3. Select the **General** menu.
4. On the remote control, press the ► button.
5. Scroll down to the **SW Upgrade** command.
6. On the remote control, press the ► button.  
The SW Upgrade window displays.
7. Fill in the IP address of the TFTP Server (for example: 172.16.70.98).
8. On the remote control, press the **Enter** button.  
The list of all available SW versions displays (for example, V2oIP\_1.0.1.3).



*SW Upgrade window display - setting the TFTP server address and choosing the version*

9. Scroll and select the latest version.
10. On the remote control, press the **Enter** button.  
The SW Upgrade process starts and the following message appears: **“SW Upgrade in progress. Do not power off. The system will restart automatically on completion.”** (NOTE: This message could be slightly different in later versions.)



***SW Upgrade window display - during upgrade process***

**Do NOT perform any action while the software upgrade process is running.**

During the process, the software upgrade files will be downloaded, extracted and installed.

The VC240 will reset itself automatically twice during the process.

After the second reset, the VC is upgraded to the NEW software version.

11. Verify that the OSD and the VCM versions were upgraded: Setup | General | SW Version.
12. Turn the unit OFF and then ON again using the ON/OFF button at the back of the unit, and wait until unit initialization is completed.
13. The VC240 is ready to be used.

**Troubleshooting**

1. In case of failure, look at the TFTP server log and try to find out if there is a problem with the TFTP server.
2. If you fail to get a list of all available software versions, verify that your TFTP is configured to “give files” on a read request.
3. If you fail to download one of the files, the procedure will fail. In this case, start over again and make sure the TFTP server does not have limitations. (In some older versions this may happen more than once.)
4. If for some reason the power of the VC240 or the network is disconnected during the upgrade procedure, the procedure will fail but the system will still run the previous version. The upgrade procedure should be run again.