

## **Using a Flashmaster File (.bin) - Two ways to do this!**

**Warning – all sw keys will be lost! Make sure you have a copy of them for re-install after the upgrade.**

The process involves specifying the new flashmaster file on the TFTP server and forcing the router to boot from the TFTP server instead of its internal memory. The advantage of the Flashmaster is that you get all the files needed – boot, kernel, ASIC, and scripts.

### **Step 1**

Obtain the correct flashmaster file and load that file into the root directory of the TFTP server on your workstation. The default TFTP root directory is usually: c:\DSL. You may need to rename the flashmaster file to a shorter name that conforms to the 8.3 standard. Change 5864004.5312.bin to XXX.bin.

There are two ways to do this. One is if you can communicate with the router and the other is if the kernel is corrupt and you can't communicate.

### **Step 2 – When you can communicate with the router**

Boot the router connected to your PC.

Open Configuration Manager

Choose Connect

Enter the IP address of the router (default is 192.168.254.254)

Enter Password (admin) [This is the SNMP community string and will still be (admin) with 6.0 SW even after changing the Router password].

Choose cancel at the change password prompt.

Choose Tools

Choose Re-Boot from Network

Brows to the XXX.bin file that is your flashmaster.

Choose OK.

Your done, the router will reboot and load the flashmaster file.

### **Step 2 – Alternate when you have a corrupt or missing kernel**

Open configuration manager and choose tools (without attempting to communicate with the router)

Click on "tools".

Click on "BootP settings"

Enter the file name of the boot file, ex: XXX.bin

Enter the serial number of the router, ex: 123456.

Enter the routers LAN IP address, ex: 192.168.254.254

Click on "OK"

Depress and hold the reset button on the back of the router.

Switch the power off.

Wait two seconds.

Switch the power on.

Release the reset button, 10 seconds after turning router on.

The router will now perform the BootP upgrade using the information entered in step 2.