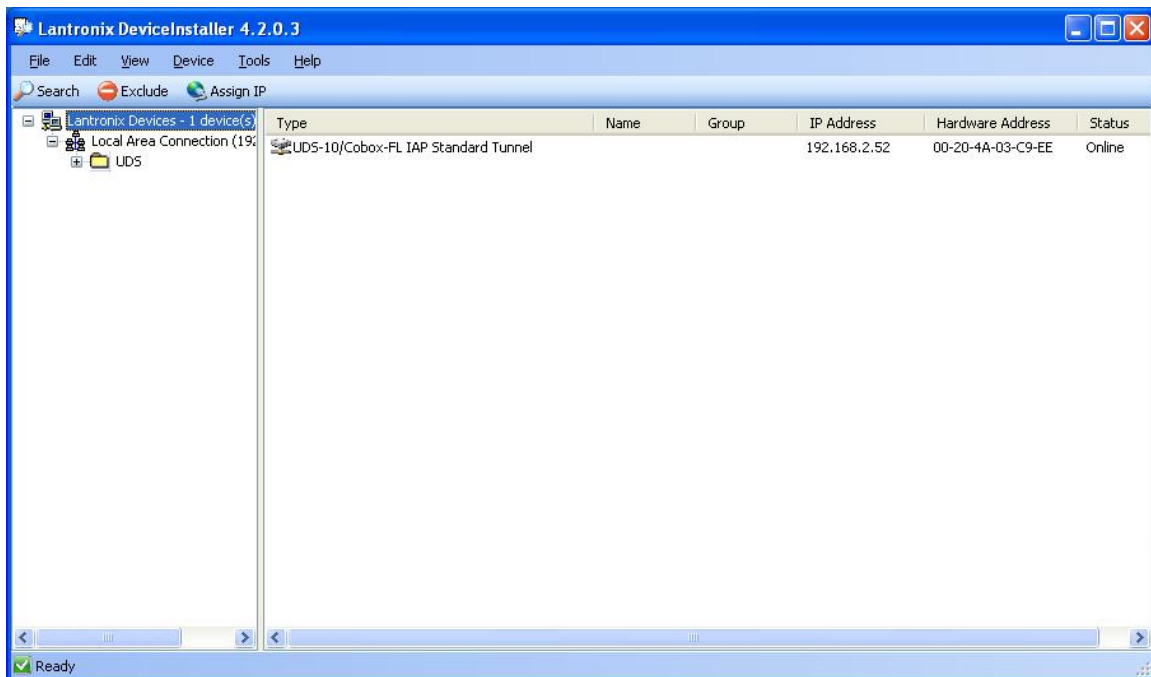How to change the Firmware of the DL4500 from Standard Tunnel DF1 to Multi Master DF1.
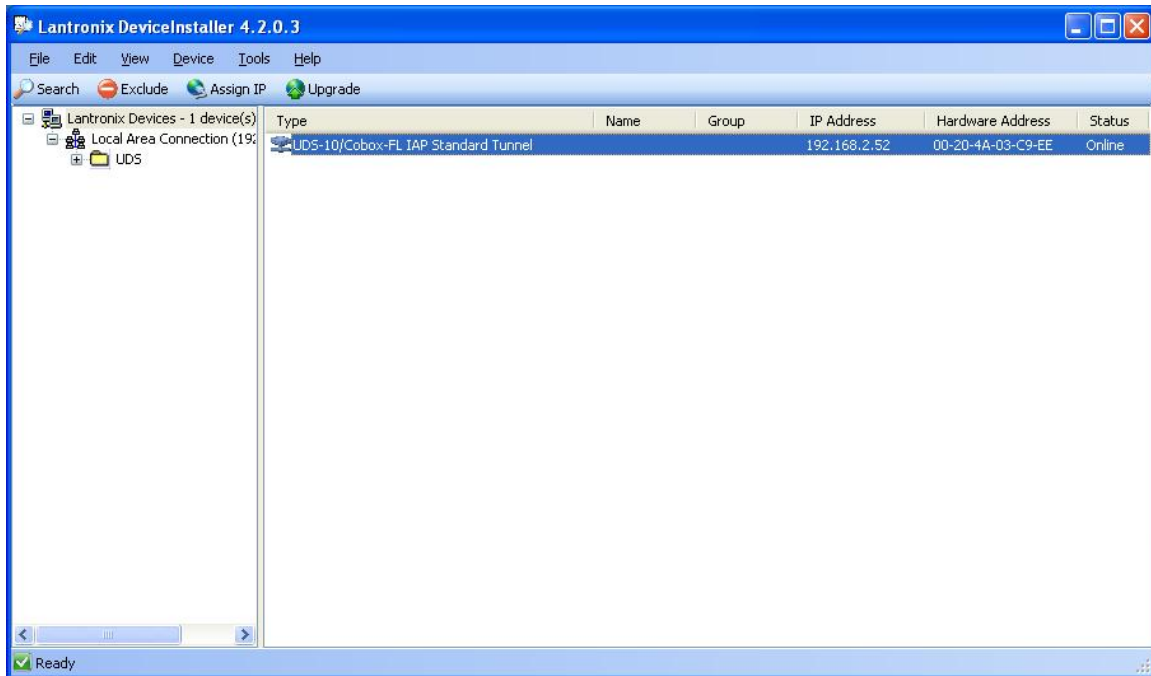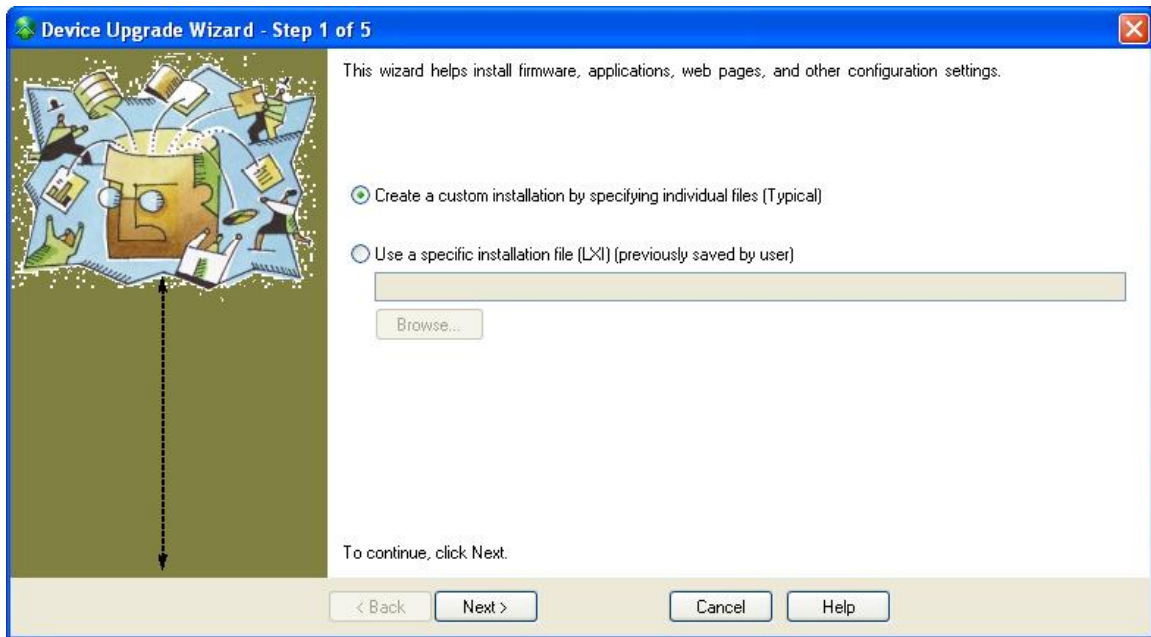Start the Device installer:
Click on search
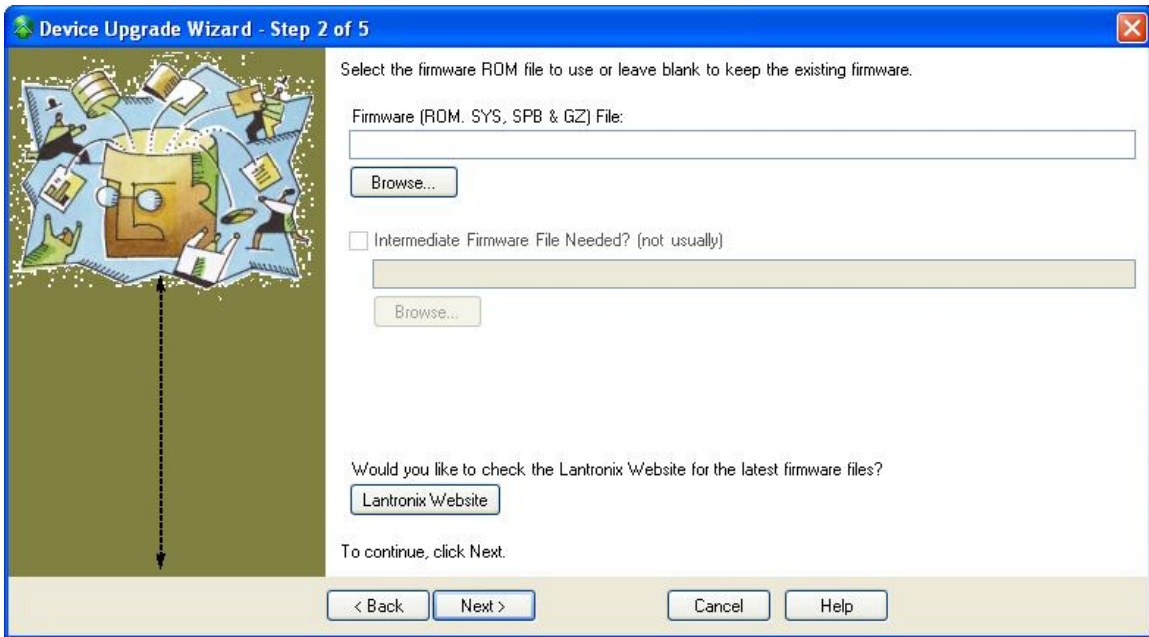It will come up with the DL4500 as shown in the screen shot below.

Click on the UDS-10/Cobox-FL IAP DF1 Standard Tunnel to highlight the unit click on upgrade button.
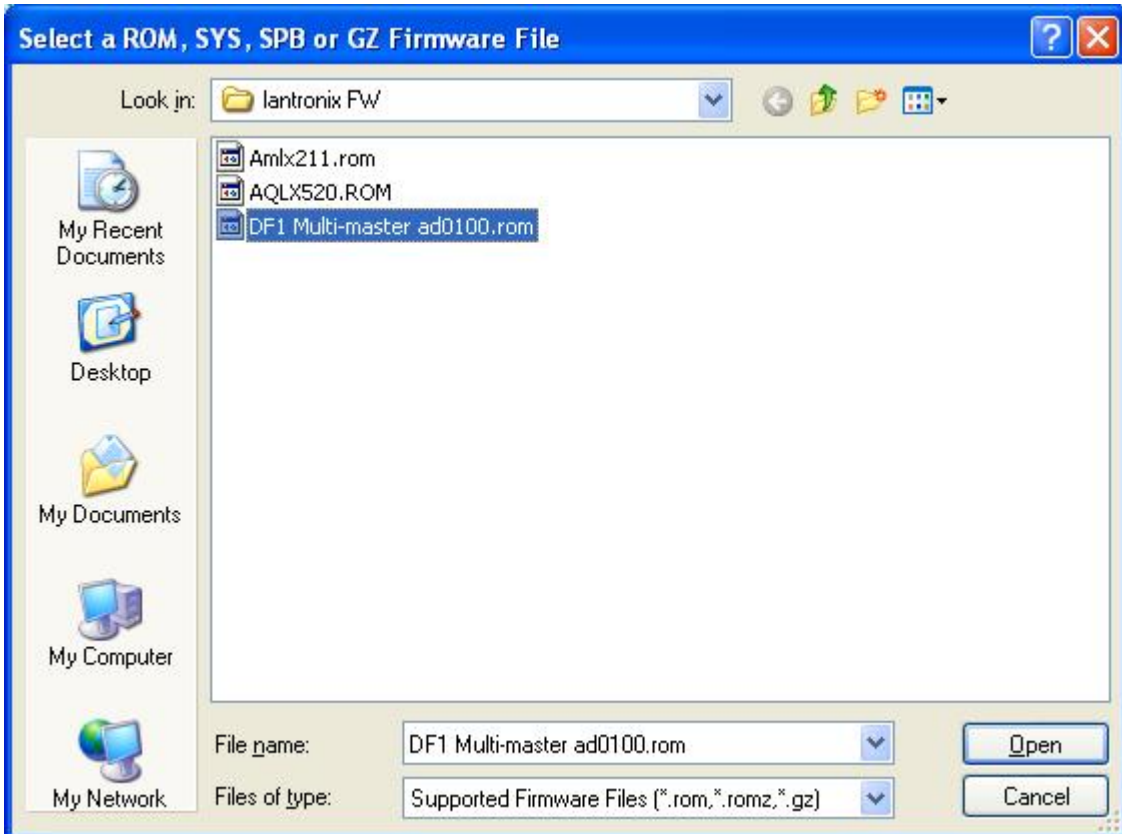
It will come up with a new window as shown below. Click on Next

It will come up with a new window as shown below. Click on Brows
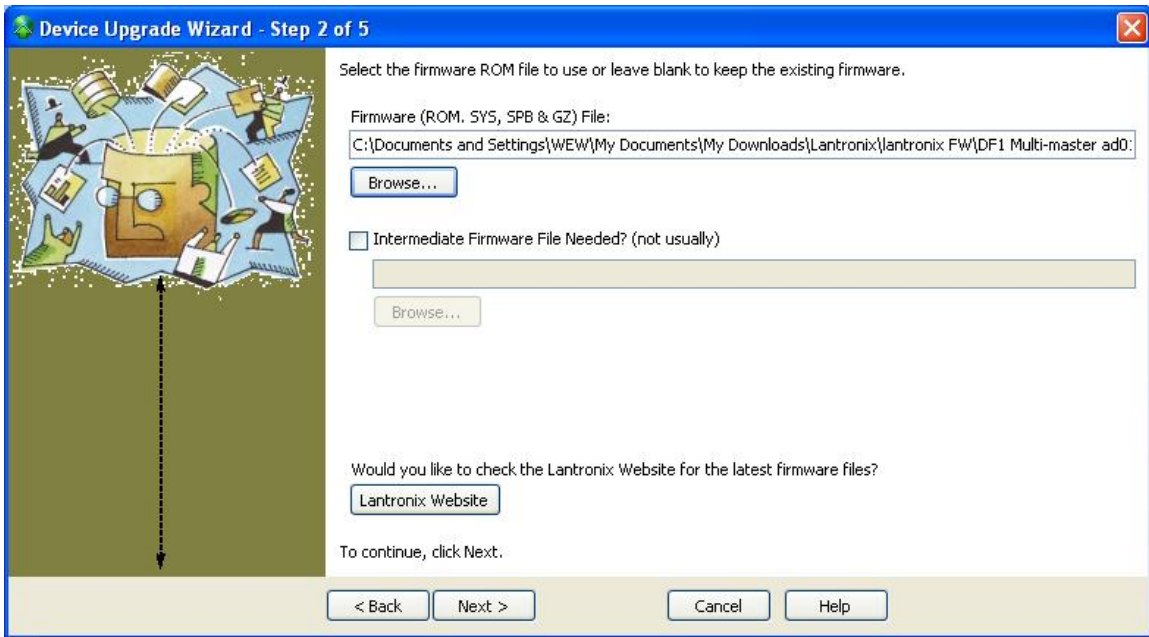
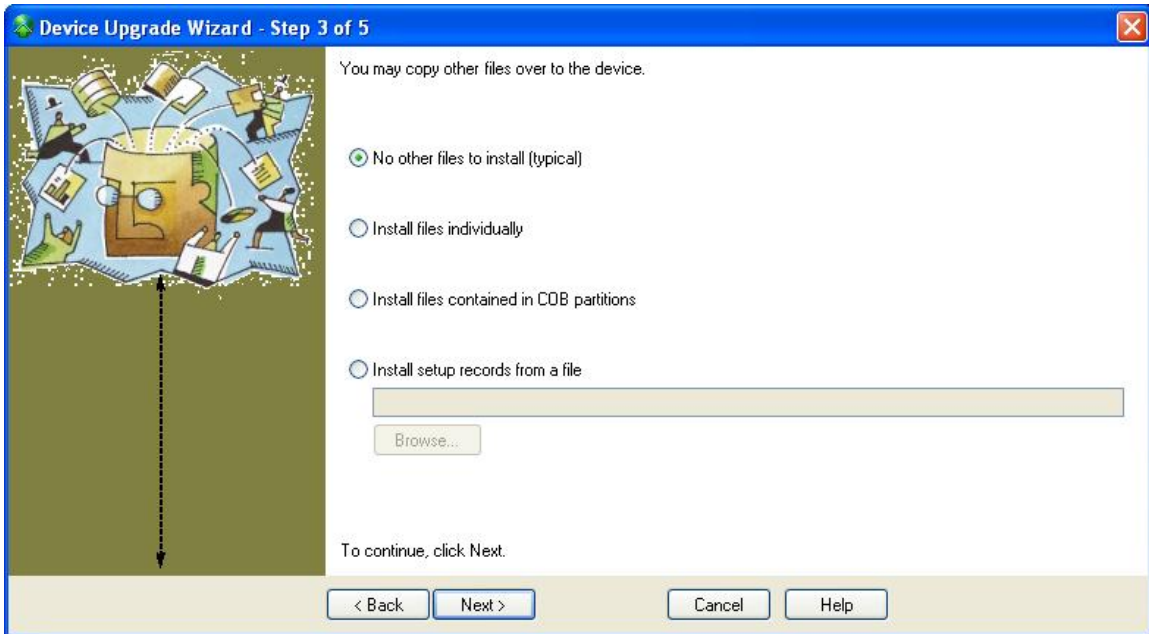Select the .rom file that you want it to be upgraded to as shown in the next screen shot.
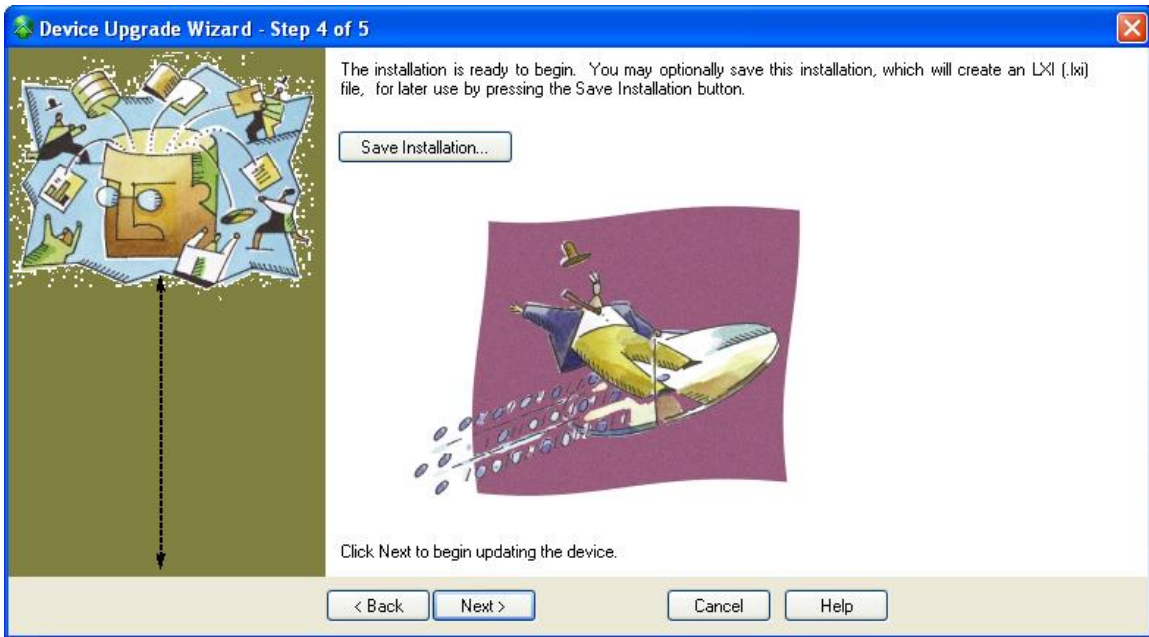

Then click open.
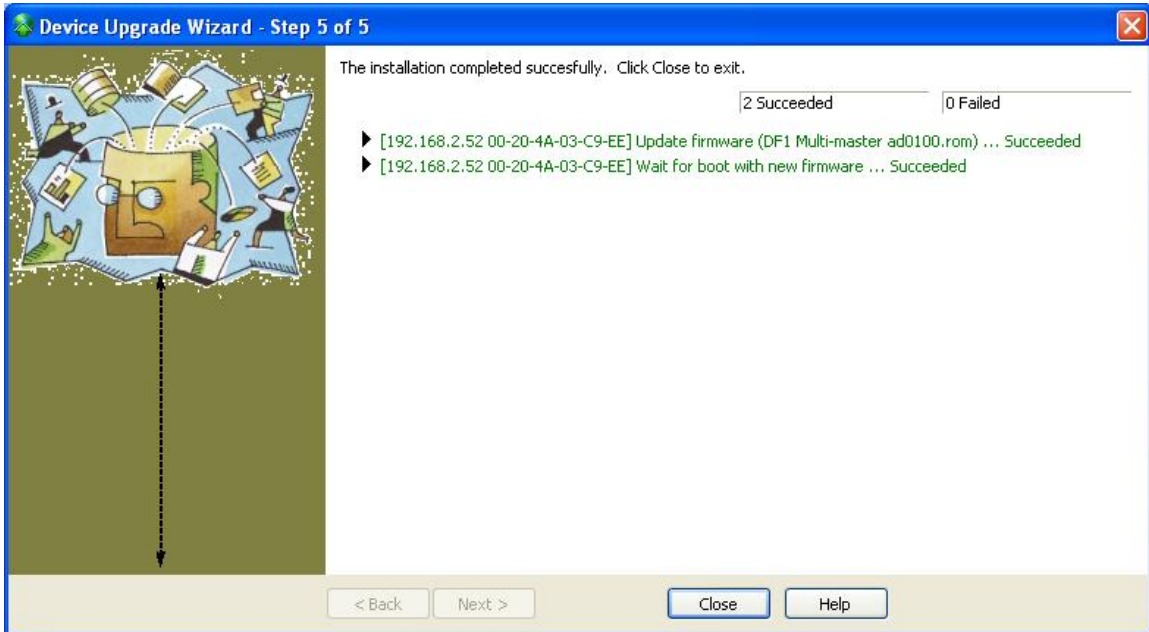After selecting the required file click on Next.

Device Upgrade Wizard - Step 2 of 5

Select the firmware ROM file to use or leave blank to keep the existing firmware.

Firmware (ROM. SYS, SPB & GZ) File:

C:\Documents and Settings\WEW\My Documents\My Downloads\Lantronix\lantronix FW\DF1 Multi-master ad0:

Browse...

☐ Intermediate Firmware File Needed? (not usually)

Browse...

Would you like to check the Lantronix Website for the latest firmware files?

Lantronix Website

To continue, click Next.

< Back   Next >   Cancel   Help

Click on Next

Device Upgrade Wizard - Step 3 of 5

You may copy other files over to the device.

⦿ No other files to install (typical)

○ Install files individually

○ Install files contained in COB partitions

○ Install setup records from a file

Browse...

To continue, click Next.

< Back   Next >   Cancel   Help

Here Click on Next.

The installation is ready to begin. You may optionally save this installation, which will create an LXI (.lxi) file, for later use by pressing the Save Installation button.

Save Installation...

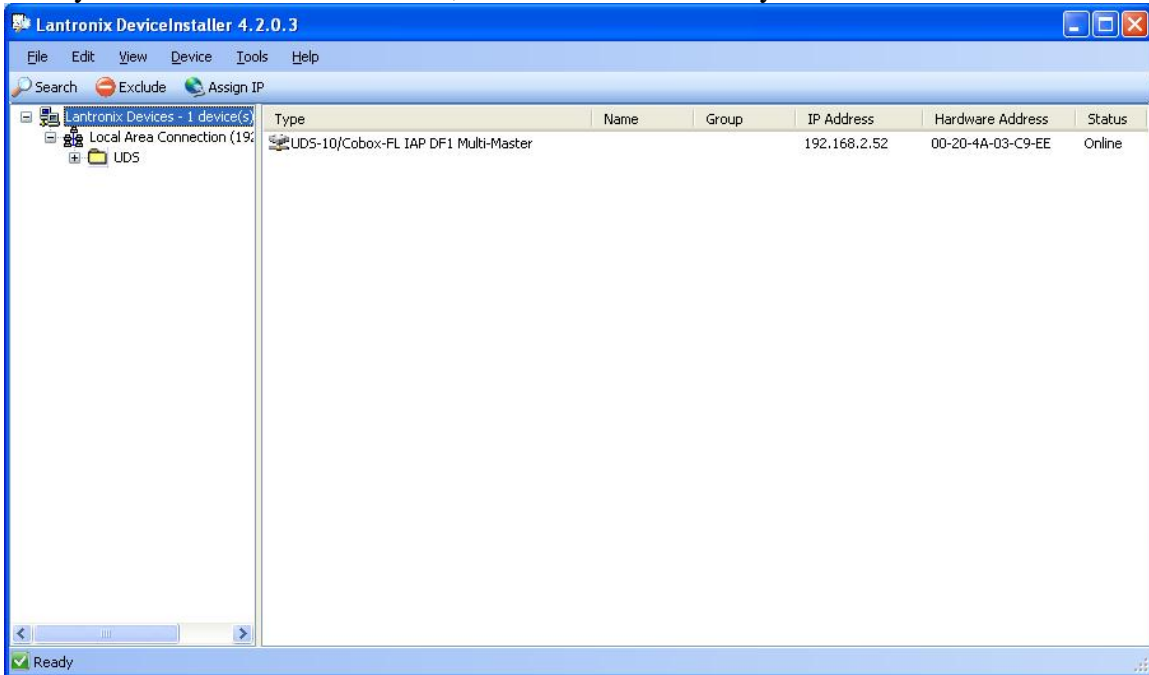Click Next to begin updating the device.
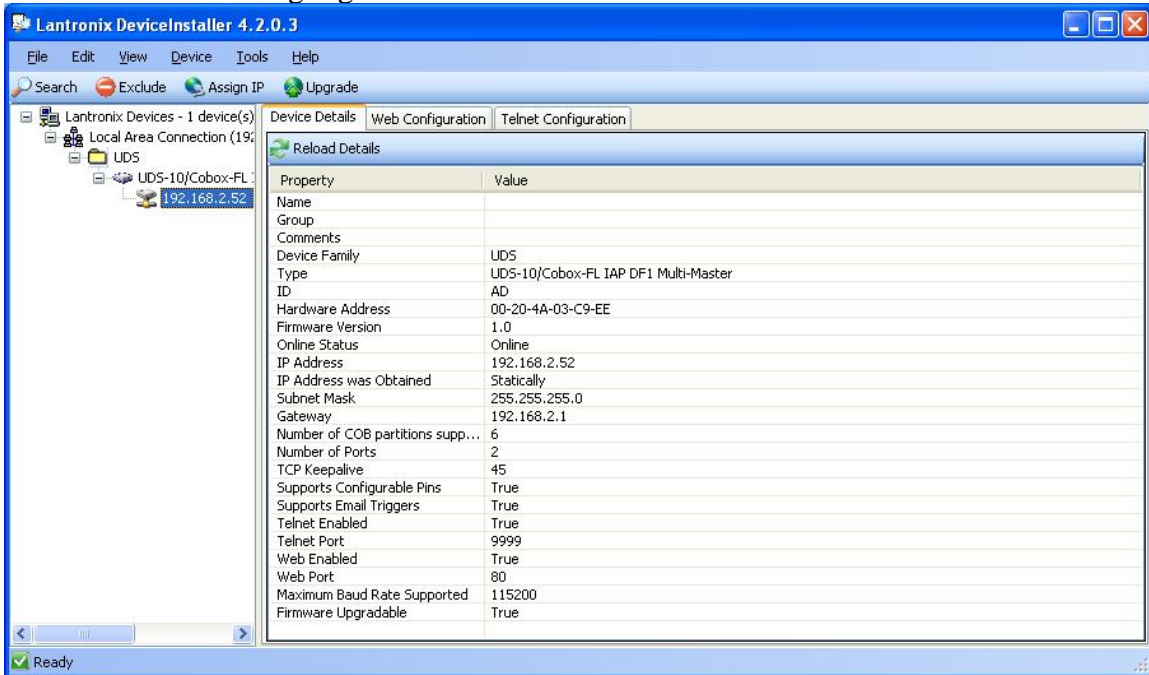
< Back   Next >   Cancel   Help

Click on Next it will upgrade your Lantronix Firmware in the DL4500 and come up with the window shown below. Click on Close and you are done with upgrading the Lantronix Firmware.
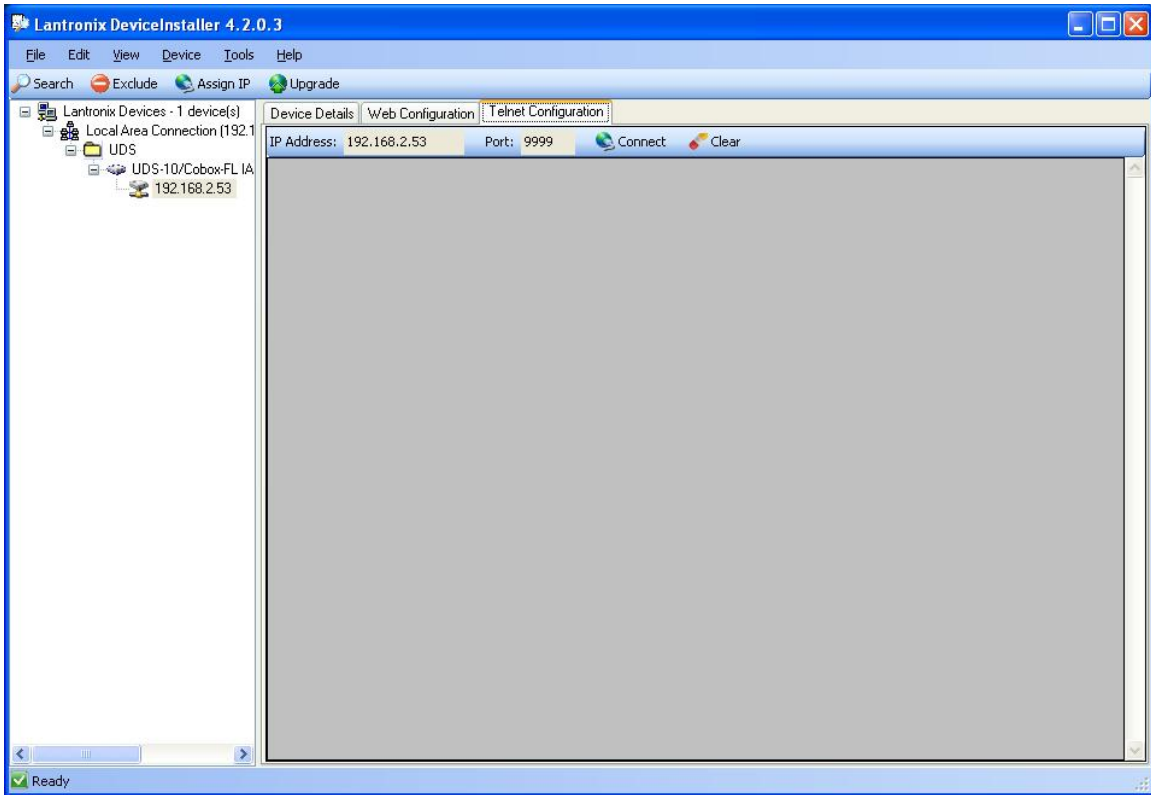
The installation completed succesfully. Click Close to exit.

| 2 Succeeded | 0 Failed |

▶ [192.168.2.52 00-20-4A-03-C9-EE] Update firmware (DF1 Multi-master ad0100.rom) ... Succeeded
▶ [192.168.2.52 00-20-4A-03-C9-EE] Wait for boot with new firmware ... Succeeded

< Back   Next >   Close   Help

Now you need to Telnet to the unit, click on search so that you find the new Multi Master

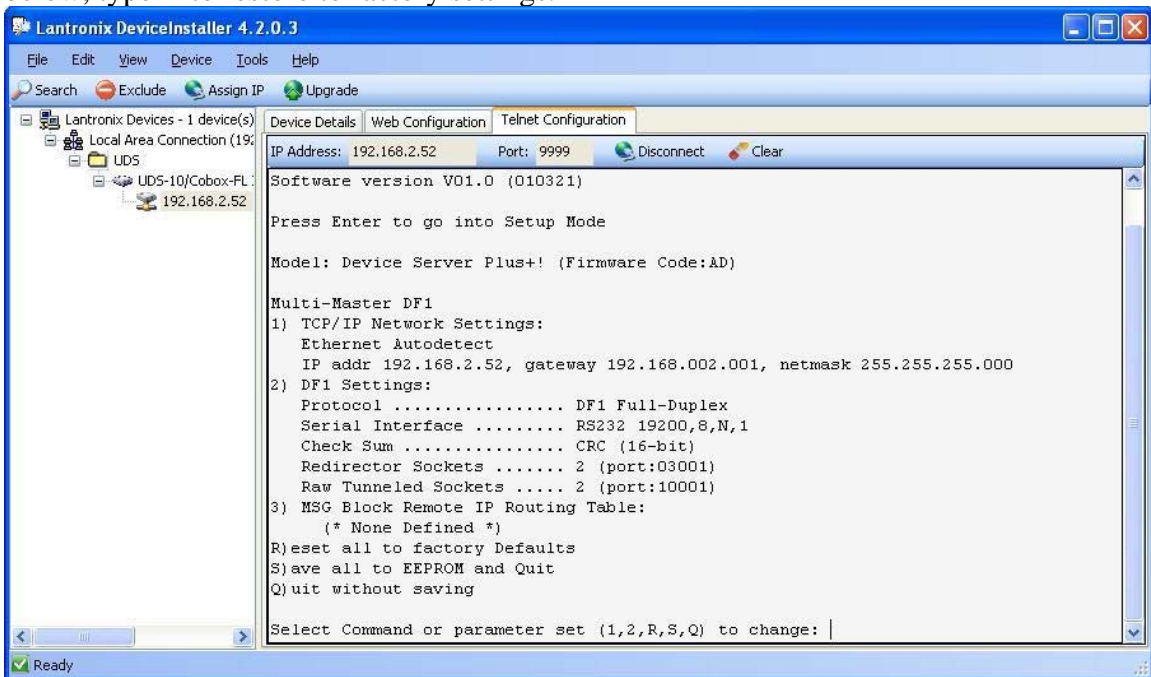Double click on the highlighted blue UDS-10.Cobox….
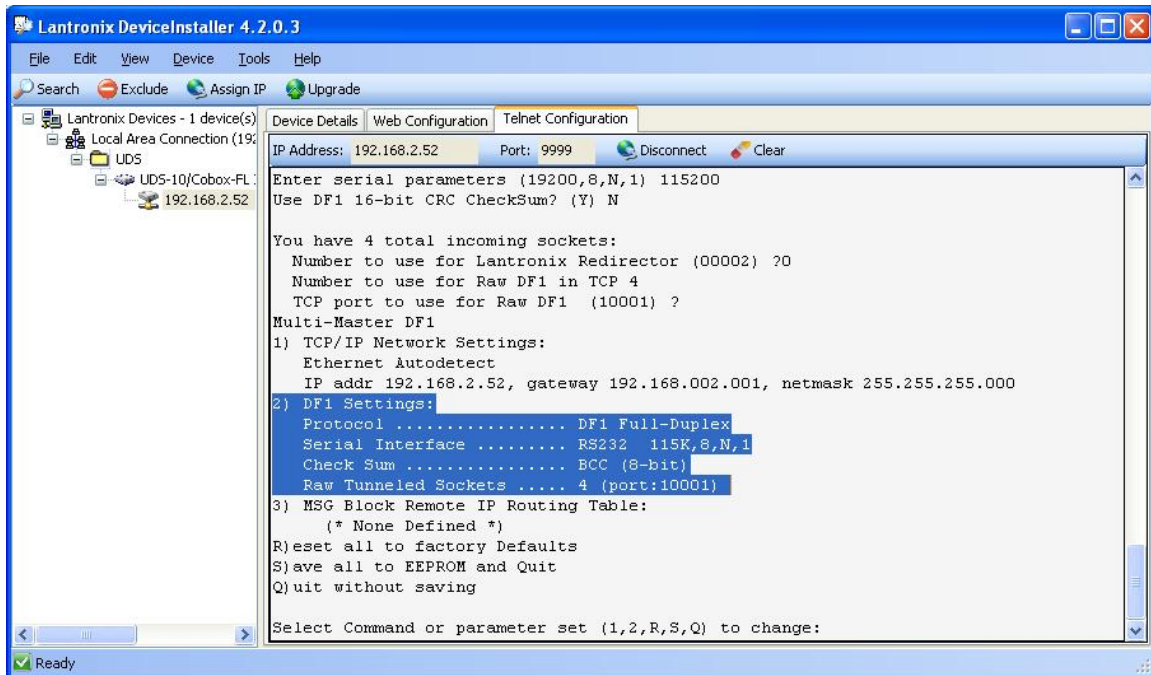

Now click on Telnet Configuration.

Here you click on Connect

Once you see the message PRESS ENTER to go to setup mode
Please press it right away do not wait, you will see the menu from Telnet as shown
below, type R to restore to factory settings.

Then type 2 to change the Channel DF1 settings make sure they are as shown highlighted below.
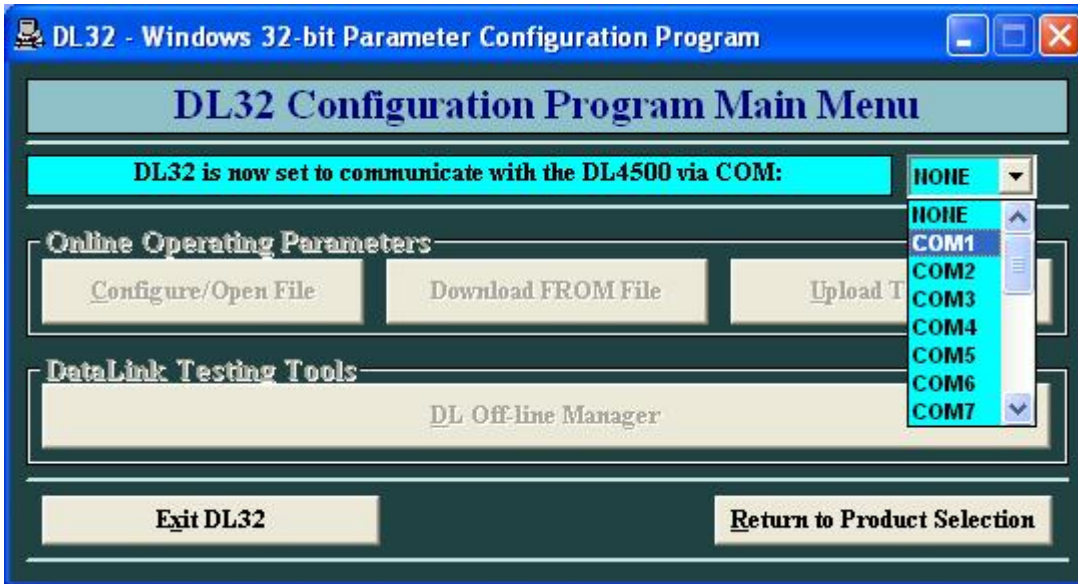

Now type S to save and exit
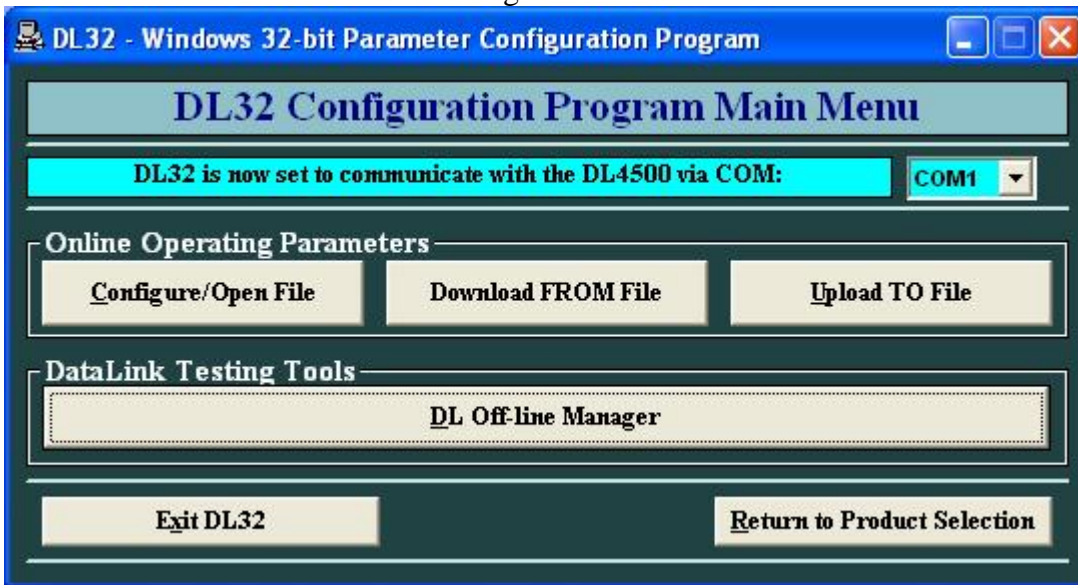Here you are done with Device installer.

Now close all that, and using a Null Modem Cable connect the DB9 connector of the DL4500 to your PC serial port, start the DL32 configuration software.
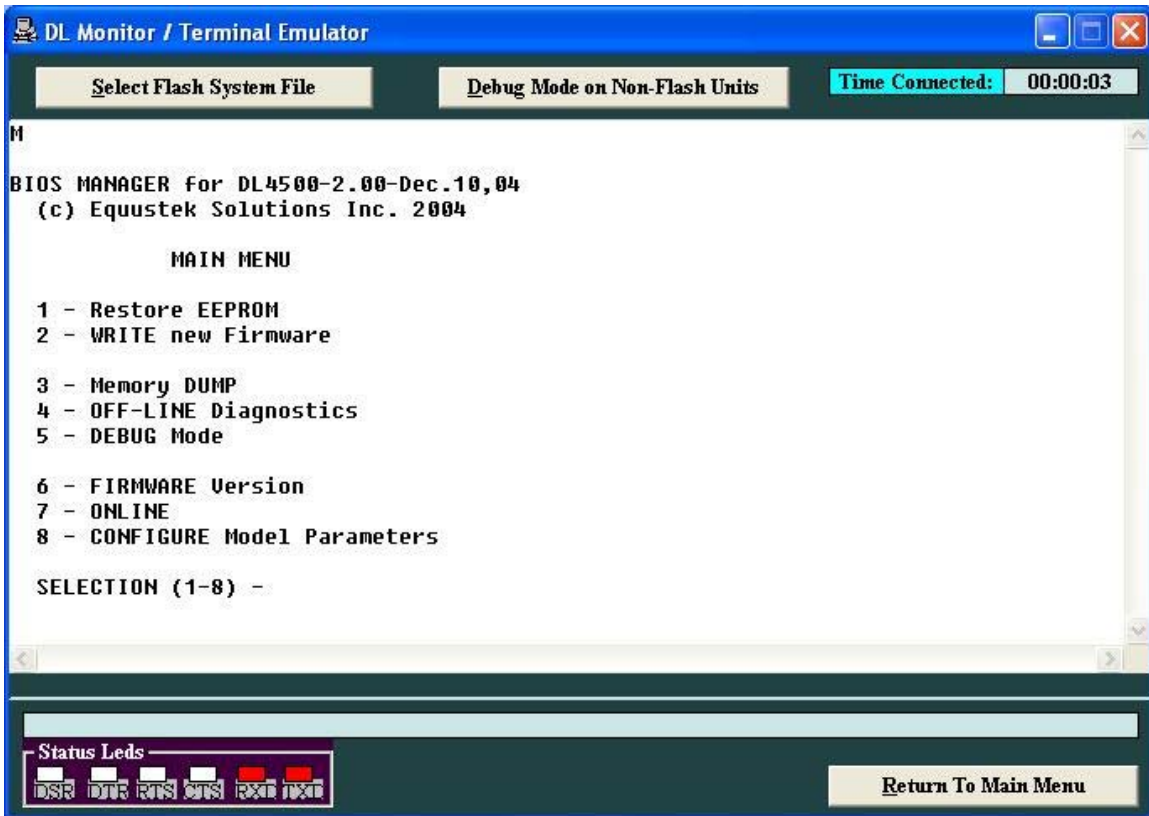

Select the DL4500

Select the serial port that is connected to the DL4500 DB9 connector.
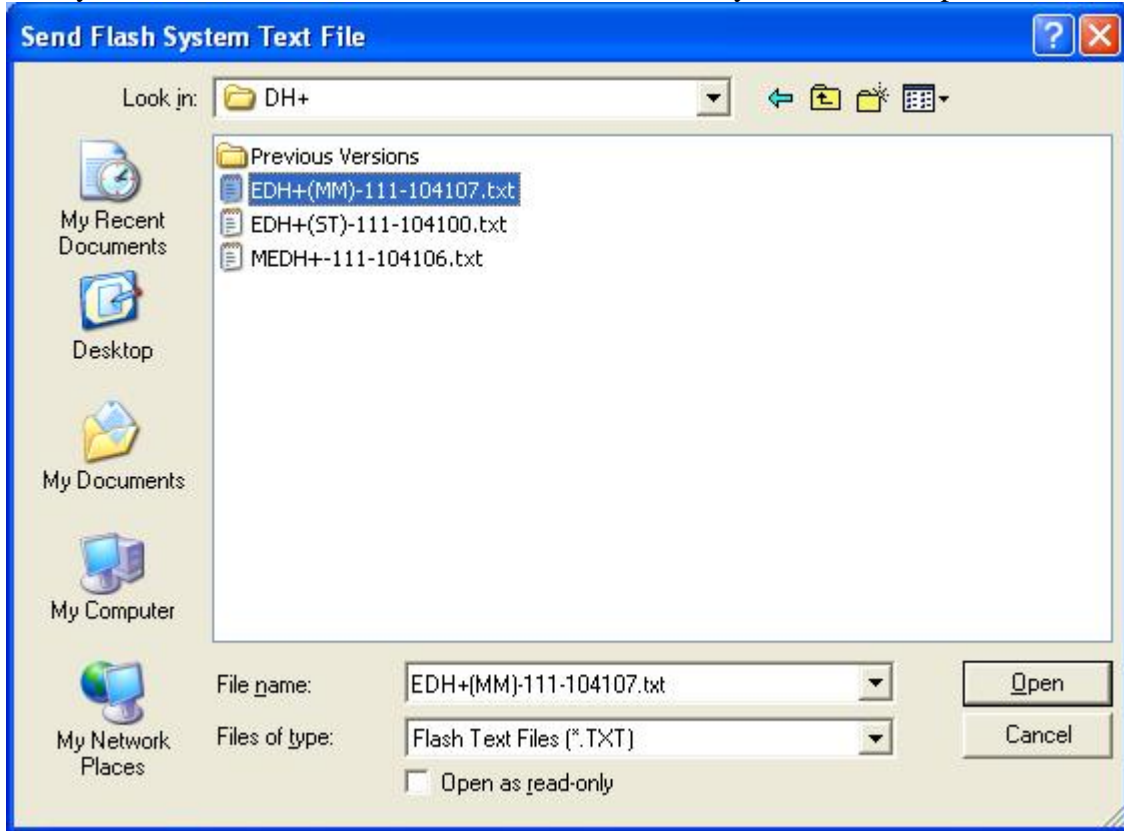And then click on DL OFFLINE Manager

It will ask you to hit the configuration button of the DL4500 do so and click Ok
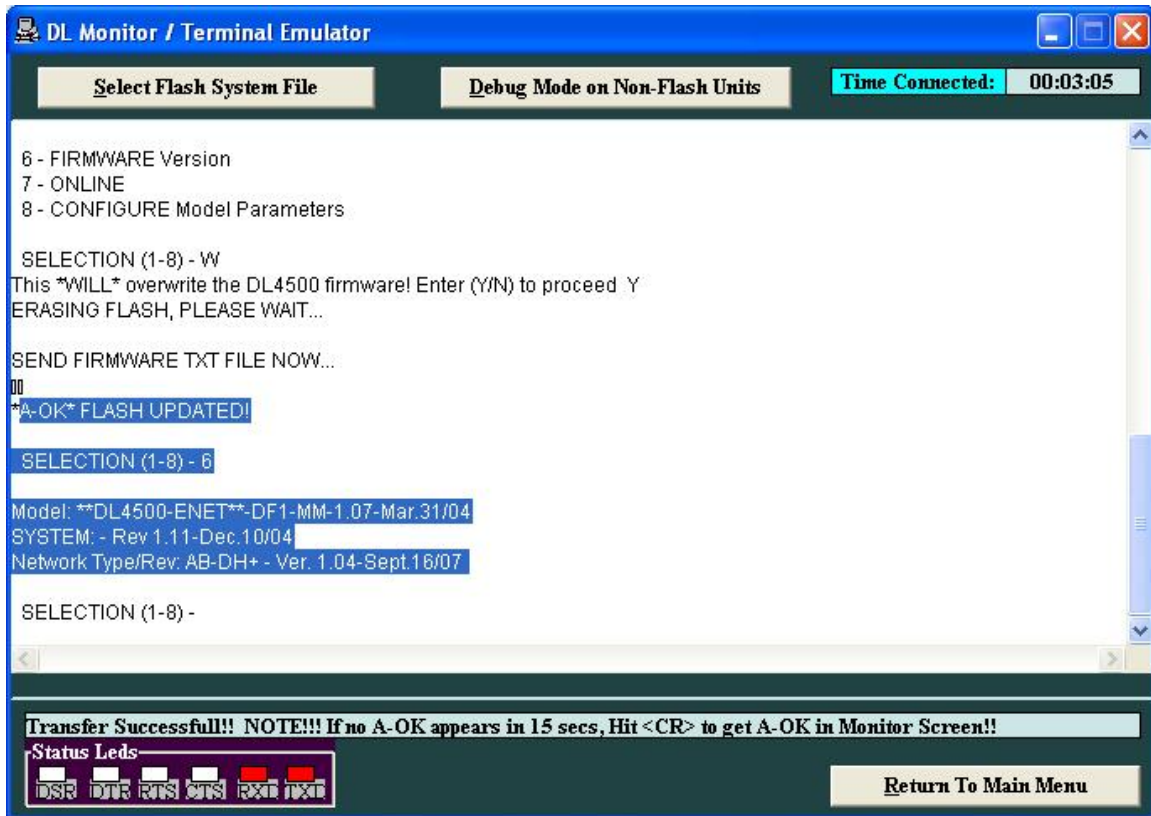
You should get the menu as shown above type 2 for new firmware.
It will ask for confirmation just type Y for yes.

Here you need to send the file, so click on Select Flash System File on top left.

Select the .txt file that was emailed to you. And wait until you see A OK FLASH
Updated as shown below

Just make sure that you have the right firmware by typing 6 it should show you the version as you can see it above.

Reset the unit using the RESET Switch and now your unit is set to use the new upgraded Firmware.