

APPENDIX T

Parallel Printer Port Configuration on the HP Proliant ML370 G3 Server

1. Login as root user on AFMIS Unix server.
2. Open a terminal window and at the root prompt, type '**shutdown -i6 -g0 -y**' and press enter. System will shutdown and then re-boot. Paying careful attention during the re-boot, press '**F9**' when prompted to enter the '**ROM-Based Setup Utility**'.
3. Select '**System Options**'.
4. Select '**Embedded LPT Port**' and change to '**LPT2; IRQ 5**'.
5. Press '**ESC**' twice.
6. Press the '**F10**' key once to save and exit out of the ROM-Based Setup Utility. The system will reboot. After the system comes up, login as the root user and then go into the **SCO Admin tool**, and then under '**Hardware**', run the '**Device Configuration Utility (DCU)**'.
7. Select '**Hardware Device Configuration**'.
8. Page Down once.
9. In the Parallel Port line, change IRQ to '**5**', IOStart to '**3bc**', IOEnd to '**3be**', and DMA to '**1**'.
10. Press '**F10**' to return to previous screen.
11. Select '**Apply Changes & Exit DCU**'
12. Close SCO Admin tool.
13. Open terminal window and at the root prompt, type '**/etc/conf/bin/idbuild -B**' and press enter. This will rebuild the kernel.
14. At the root prompt, type '**shutdown -i6 -g0 -y**' and press enter.
15. After the system comes up, login as the root user and then add a local printer through the SCO Admin tool (for this example I will add a printer called Lexserver which uses the HPLaserJetIIIsi (PCL) driver). Ensure sure that you select "**LPT1**" as the connection port for any local printer that you create. I've included the instructions for adding "**The Lexmark Optra T630N Laser Printer**

connected to the parallel port on the AFMIS UNIX Server". Login as root on the AFMIS HP Proliant ML370 G3 Server. Click on tool bar (the up arrow above the tree icon) and select **SCO Admin**. Double click on **Printer Setup Manager** to open up the Printer Setup window. Click on **Printer** from the menu on the top of the window and then click on **Add Local Printer** to open the Add a Serial or Parallel Printer Window. In the name field enter **Lexserver**. Tab to the Make/Model field and scroll down the list until you find **HPLaserJetIIIsi (PCL)**. Ensure that printer driver is highlighted, then make sure connection type is **Parallel** and connection port is **LPT1**. Then click on **OK** to add the printer. Click on **Host** from the menu bar and then click **Exit** to leave the Printer Setup window. Click on **Host** from the menu bar and then click on **Exit** to leave the SCO Admin tool. You have now successfully added a local printer called **Lexserver** on the AFMIS HP Proliant ML370 G3 Server.

16. **NOTE:** If you desire to add another type of printer, you will be required to specify the correct printer driver for that printer when you setup the printer in the SCO Admin tool (e.g. okidata321 uses the IBM Proprinter driver, Mannestally 645/661 & Lexmark 4227 Plus use the Epson FX-850 driver).