

Attach the “SNMPDRV™ Print Server” to the parallel port of your printer, connect the power supply and the “Status LED” and initially the “Activity LED” should flash.

(Note: There is a factory installed option for some printers that enables the print server to take power from the printer. A label is placed over the power connector hole when this option is enabled.)

Next, connect your network cable to the RJ45 Ethernet connector on the SNMPDRV™ Print Server and an address will automatically be assigned to the print server. The “Link LED” should show green to confirm that an address was assigned.

Now, press and release the small blue button on the side of the SNMPDRV Print Server. A status page with the IP address that was automatically assigned will print on the printer. The source of the IP address used by the print server is printed in parenthesis next to the IP address on the page.

Manual Input of IP Address to the SNMPDRV™ Print Server (if needed)

The easiest method of changing the IP address is to put the initial IP address on the address line of a browser (i.e. MS Internet Explorer) and access the print server’s web page. On the left of the second screen under “Configuration” select the option: “TCP/IP”. A screen appears with all the IP Addresses. You can revise the addresses as needed and then click on the “SAVE” button at the bottom of the screen. You will next need to cycle power on the print server and the IP address revisions will then be active.

Alternatively, **load the NetTool software** from the supplied CDROM onto a PC which is attached to the local network. Use the Windows RUN option with “D:\setup.exe” to load the NetTool software. The loaded NetTool program will then automatically find the “SNMPDRV™ Print Server” which is connected to the network and powered on. If it does not immediately find the unit, click on the full circular shaped blue arrow for rebuild activation. The information for the attached SNMPDRV Print Server will now appear on the screen.

Next, **do a RIGHT mouse click** on the text line for the unit, and the NetTool software will display a menu. Click on the bottom menu selection: **IP Wizard**. You will now be able to manually input the IP addresses. Click on Finish and the values will be stored in the memory of the SNMPDRV Print Server. The “Link LED” should now show green, if not, then power cycle the print server.

Summary

The AS/400 can now be configured to recognize and print over the IP network to the “SNMPDRV™ Print Server” as a *LAN 3812 SNMP Device using the **AS/400 System Driver Program: IBMSNMPDRV** which provides the page range printing function and error reporting. The “SNMPDRV™ Print Server” provides the required SNMPDRV communication from the printer back over the network to the AS/400 for all parallel port printers to enable them to be configured as a device on the AS/400. This capability now means that dot matrix, line printers, thermal transfer, and old page printers can be easily connected to the AS/400 and provide reliable printing status information to the AS/400 similar to a Twinax attached printer. IBM has done an excellent job of providing the ability for network attached printers to reliably print jobs sent to them by the AS/400 host. The only requirement is that the printer’s network print server must properly communicate to the AS/400 using SNMP protocol which is what the “SNMPDRV™ Print Server” does.

Refer to the separate SNMPDRV™ Installation Instructions document for installation detailed instructions.