

OS/2 Warp and LAN Server setup

The PhaserShare TCP/IP interface is compatible with OS/2 Warp with TCP/IP V2.0 for OS/2 and LAN Server 4.0.

For IBM LAN Server 4.0, the TCP/IP Application Kit is required for network printer operation.

Before you begin, make sure that the printer is connected to the network.

Assign the printer's IP address

To assign the printer's IP address, you can use RARP or BOOTP, or you can download a PostScript utility file from the printer's network utilities diskettes.

IBM TCP/IP Version 2.0 for OS/2 includes BOOTP support. Refer to your TCP/IP documentation for installing and configuring BOOTP on a PC.

Note *In the OS/2 Warp environment, the OS/2 boot server and the printer must be on the same Token Ring.*

Create a TCP/IP printer

1. Make sure that **lpd** and **lprportd** are running; they must be running before you can create and use a printer.
2. Create a printer object. A printer driver can be installed during this process using the **Printer Template**. If the driver for your printer does not appear in the list (or to get the latest version), contact Tektronix Technical Support.

When setting up a printer icon in OS/2, keep in mind that the printer is connected to only 1 of the 4 “emulation” ports of the Tektronix printer, so the OS/2 printer name should reflect this connection to prevent confusion. A Tektronix printer has internal queues set up to filter specific types of printer data:

- AUTO (Automatic Language Selection)
- PS (PostScript)
- PCL (Printer Control Language)
- HPGL (HP Graphics Language)

For example, to indicate an OS/2 printer icon connected to the AUTO queue, you could name the OS/2 printer icon **tek540_AUTO**. This suggests that you could have 4 printer icons called **tek540_AUTO**, **tek540_PS**, **tek540_PCL**, and **tek540_HPGL**, all directing their output to the **tek540**.

To create a OS/2 printer icon representing a connection to the PS queue and the printer **tek540**, follow these steps:

1. Open the **Templates** icon and drag a **Printer** instance to the desktop.
2. Enter **tek540_PS** as the printer name.
3. Select the appropriate driver from the driver list.
4. Select (double-click) **\pipe\lpd0** (or any **lpdX** available). A dialog box appears where you enter the LPD.
5. Enter the server name as **tek540** (the same as in the host table), and the printer name as **PS** (the printer queue on **tek540** that services PostScript data).
6. Select **Create Printer**.

You should now have a connection to the **tek540** printer via **print** and **drag & drop**.

LAN Server

These instructions assume that TCP/IP has been set up and configured and that a printer object has been created.

1. Make the printer shareable by creating an alias under LAN Server using **LAN Server Administrator**.

Note *When using LAN Server Administrator, “Server” means the name of the PC that is the LAN Server server. The “Spooler Queue” means the physical name of the printer object as assigned by OS/2. To avoid confusion, use the pull-down menus to set these fields.*

2. Use the **Network Printer Template** on the **LAN Server Requestor** to create a printer object.

Note *“Server” means the name of the PC that is the LAN Server server. The “Resource” means the alias created in Step 1.*