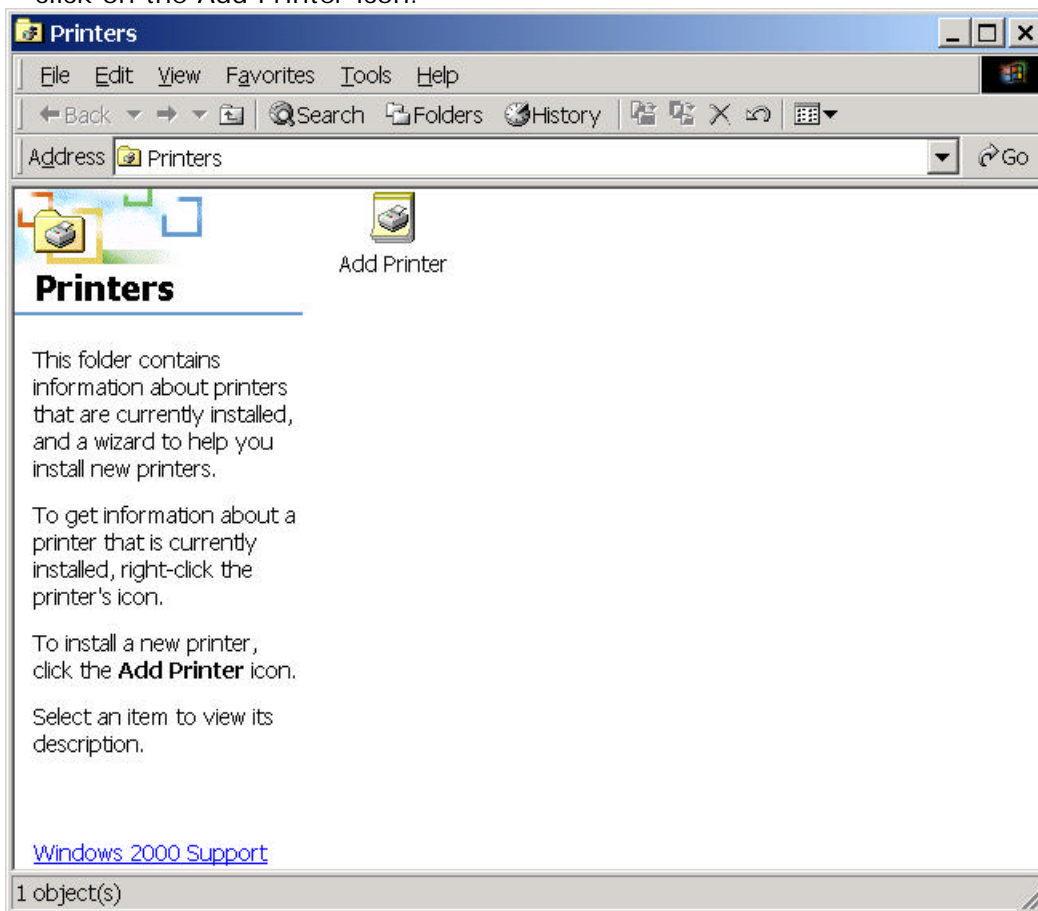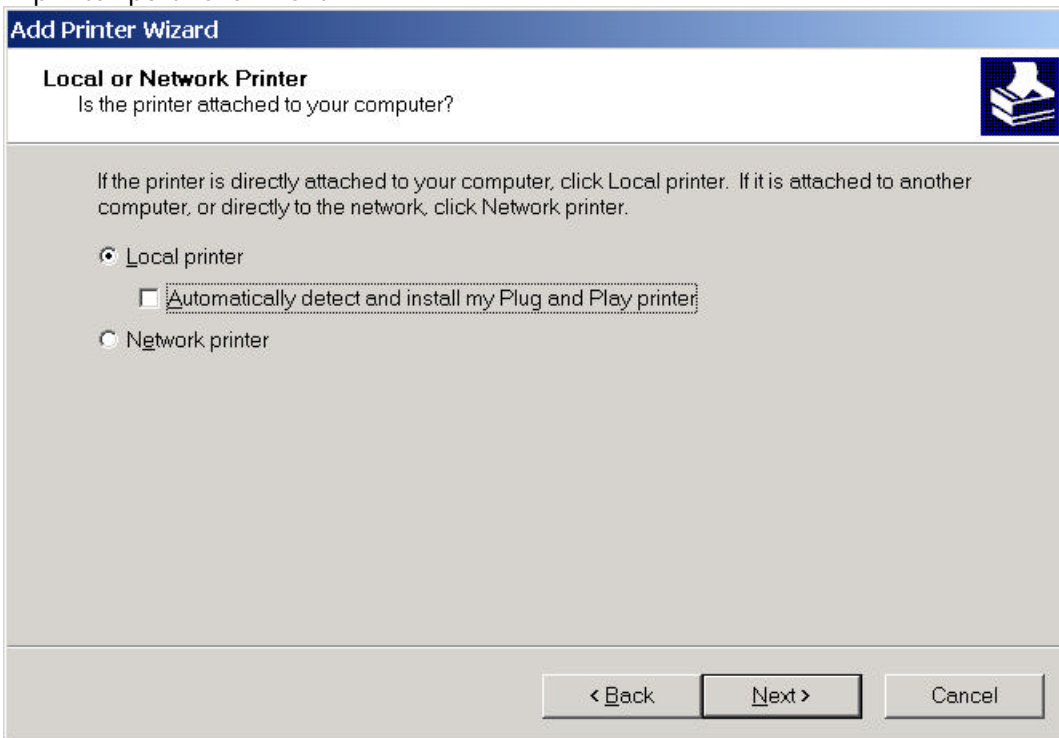# D-Link®

TECHNICAL BULLETIN

How to Install D-Link Print Server in the Microsoft Windows 2000 TCP/IP environment

To create a TCP/IP remote printer Microsoft TCP/IP printing support must be installed. The procedure is as follows.
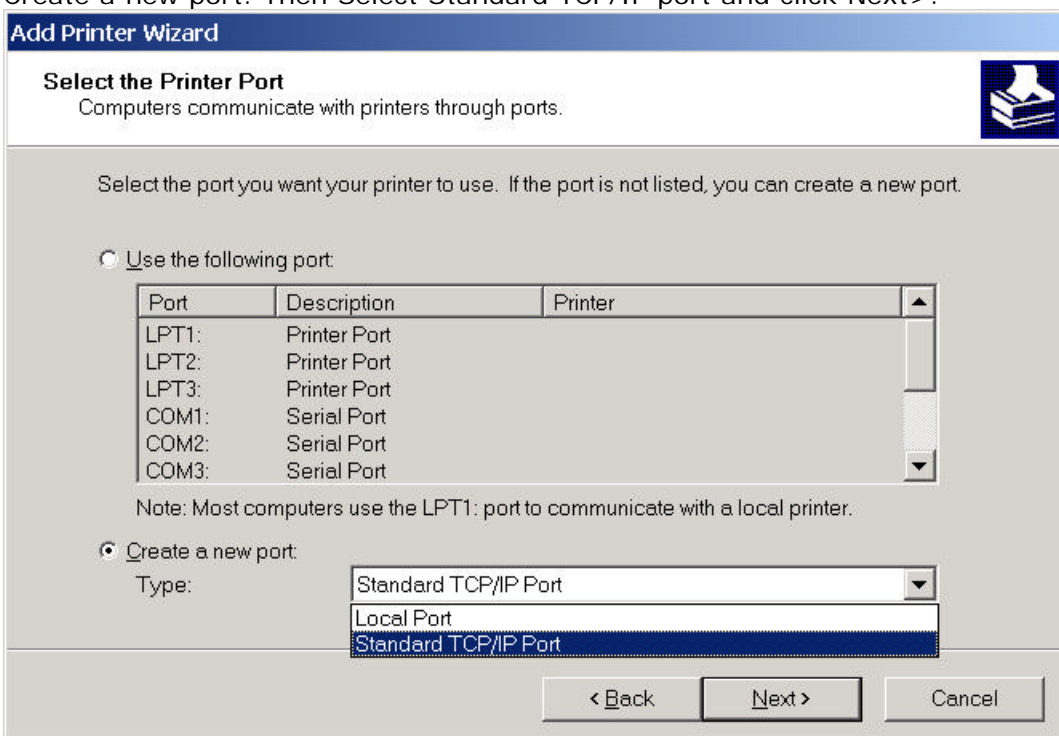
1. To start the Add Printer Wizard, select Settings - Printers from the Start menu and double-click on the Add Printer icon.

2. The Wizard asks you to select between Local printer and Network printer. Select Local printer (Disable Automatically detect my printer), as the DP-100/101/300/301/301P emulates a local printer port. Click Next>.

Add Printer Wizard

Local or Network Printer
Is the printer attached to your computer?

If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.

⊙ Local printer
   ☐ Automatically detect and install my Plug and Play printer

○ Network printer

[< Back] [Next >] [Cancel]

3. The Wizard asks you to select between Use the following port and Create a new port. Select Create a new port. Then Select Standard TCP/IP port and click Next>.

Add Printer Wizard

Select the Printer Port
Computers communicate with printers through ports.

Select the port you want your printer to use. If the port is not listed, you can create a new port.

○ Use the following port:

Port	Description	Printer
LPT1:	Printer Port	
LPT2:	Printer Port	
LPT3:	Printer Port	
COM1:	Serial Port	
COM2:	Serial Port	
COM3:	Serial Port	

Note: Most computers use the LPT1: port to communicate with a local printer.

⊙ Create a new port:
   Type: Standard TCP/IP Port ▼
            Local Port
            Standard TCP/IP Port

[< Back] [Next >] [Cancel]

4. From the Add Standard TCP/IP Printer Port dialog, enter the IP address of your print server and define a logical port name. Click Next>.

Add Standard TCP/IP Printer Port Wizard

Add Port
For which device do you want to add a port?

Enter the Printer Name or IP address, and a port name for the desired device.

Printer Name or IP Address:	10.22.48.100
Port Name:	PS-12345-P1

< Back   Next >   Cancel

5. The Wizard asks you to select between Standard and Custom. Select Custom and click Setting.

Add Standard TCP/IP Printer Port Wizard

Additional Port Information Required
The device could not be identified.

The device is not found on the network. Be sure that:

1. The device is turned on.
2. The network is connected.
3. The device is properly configured.
4. The address on the previous page is correct.

If you think the address is not correct, click Back to return to the previous page. Then correct the address and perfom another search on the network. If you are sure the address is corrrect, select the device type below.

Device Type

○ Standard [▼]

● Custom   [Settings...]

< Back   Next >   Cancel

6. From the Configure Standard TCP/IP Port dialog, select LPR and enter the port name of your print server you wish to use in the Queue Name field. Click OK.

Configure Standard TCP/IP Port Monitor

Port Settings

Port Name: `IP_10.22.48.100`

Printer Name or IP Address: `PS-12345-P1`

Protocol
- ○ Raw
- ● LPR

Raw Settings
Port Number: `9100`

LPR Settings
Queue Name: `PS-12345-P1`

☑ LPR Byte Counting Enabled

☐ SNMP Status Enabled

Community Name: `public`

SNMP Device Index: `1`

OK   Cancel

7. Choose an appropriate print driver for your printer.

Add Printer Wizard

Add Printer Wizard
The manufacturer and model determine which printer to use.

Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Manufacturers:
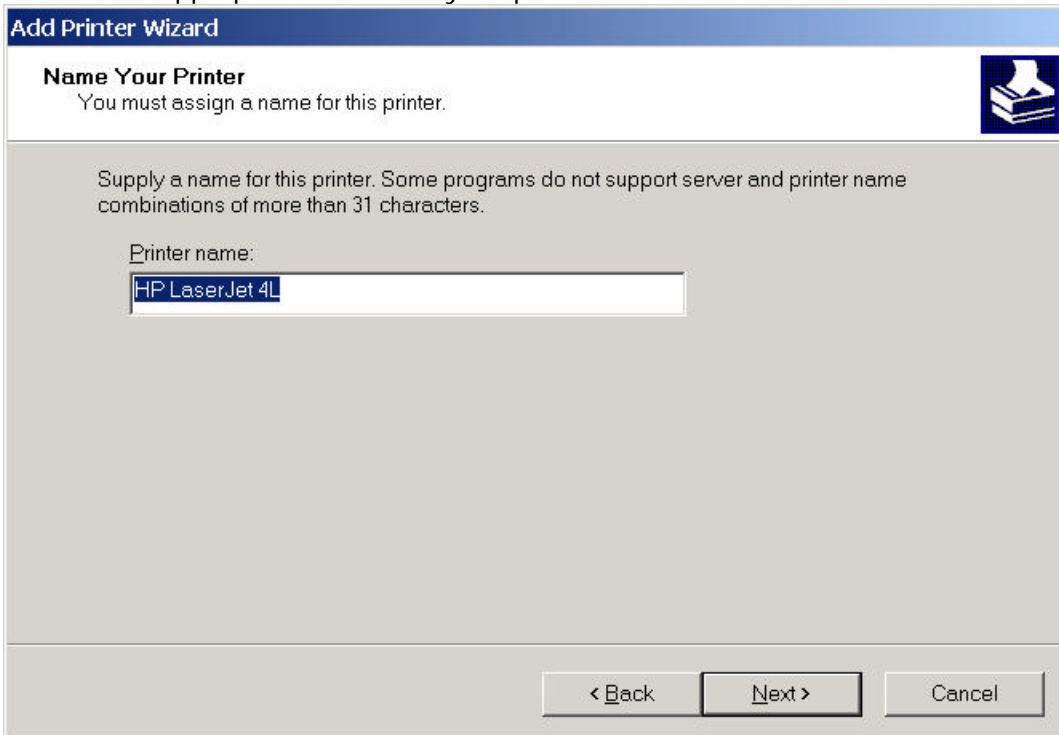- Epson
- Fujitsu
- GCC
- Generic
- Gestetner
- HP
- IBM

Printers:
- HP LaserJet 4M Plus
- HP LaserJet 4/4M Plus PS 300
- HP LaserJet 4/4M Plus PS 600
- HP LaserJet 4L
- HP LaserJet 4ML
- HP LaserJet 4L/4ML PostScript
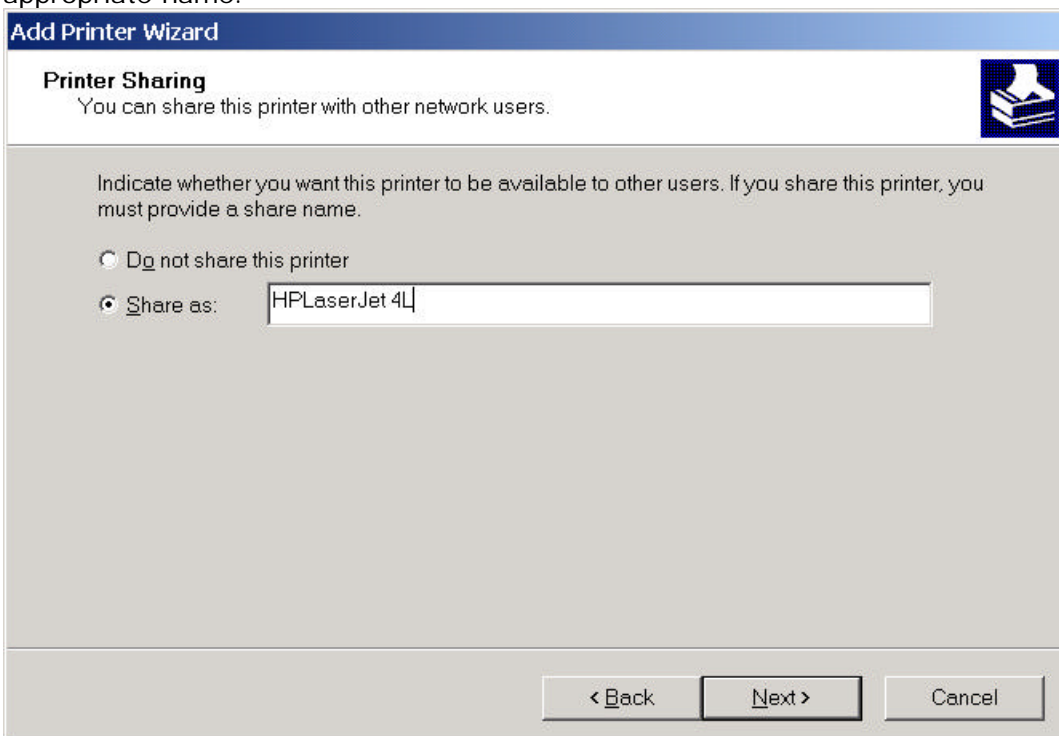- HP LaserJet 4P

Have Disk...

< Back   Next >   Cancel
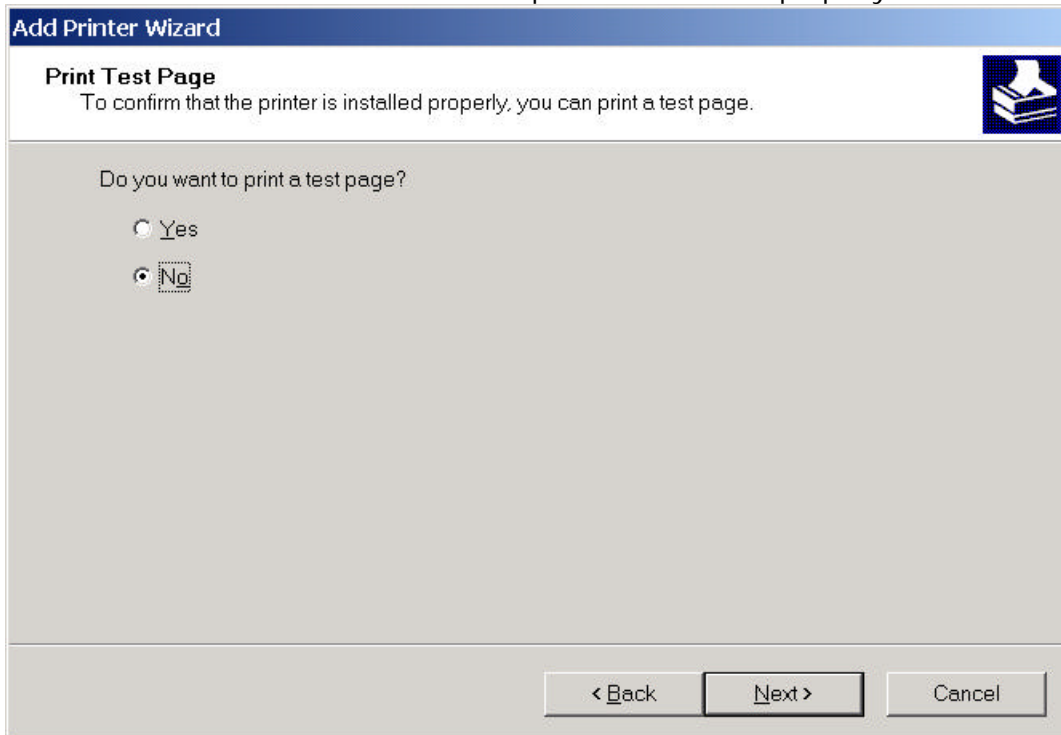
8. Enter an appropriate name for your printer.

9. Choose whether you wish to share the printer with other network users and enter an appropriate name.

10. Choose Yes to confirm whether the printer is installed properly.

Add Printer Wizard

Print Test Page
To confirm that the printer is installed properly, you can print a test page.

Do you want to print a test page?

○ Yes

◉ No

[< Back] [Next >] [Cancel]

11. You have successfully added a new printer. Click Finish.

Add Printer Wizard

Completing the Add Printer Wizard

You have successfully completed the Add Printer wizard.

You specified the following printer settings:

Name: HP LaserJet 4L
Shared as: HPLaserJet 4L
Port: PS-12345-P1
Model: HP LaserJet 4L
Default: Yes
Test page: No
Location:
Comment:

To close this wizard, click Finish.

[< Back] [Finish] [Cancel]