

To install a LPR print queue on Windows XP:

1. Click **Start**, and then click **Printers and Faxes**.
2. In the left panel labeled Printer Tasks, click on **Add a printer**.
3. In the Add Printer Wizard, click **Next**.
4. Select **Local Printer Attached to this computer**, and then click **Next**.
5. Click **Create a new port**, and change the Type of port to **Standard TCP/IP Port**, and then click **Next**.
6. Be sure the Lantronix print server is turned on, and then click **Next**.
7. Enter the Lantronix device's **IP address** for the Printer Name or IP Address, and then click **Next**.
8. Click **Custom**, and then click **Settings**.
9. In the Protocol section select **LPR**
10. In the LPR Settings section enter the appropriate service name on the Lantronix Device as the **Queue Name** that you want to print to. [See below for an explanation of services.]
11. Click **OK**
12. Click **Next**
13. Click **Finish**
14. Select the appropriate **Manufacturer** for printer being attached and then select the **Printer** that matches the service you selected above, and then click **Next**.
15. If the driver already exists you will need to select whether you want to **keep or replace** the existing driver, and then click **Next**.
16. You may change the **Printer Name** as needed, select whether the printer is to be used as the **default printer**, and then click **Next**.
17. You need to select whether or not the printer is to be **shared**, and then click **Next**.
18. You need to select whether or not to **print a test page**, and then click **Next**.
19. Click **Finish**.

How to Examine a Lantronix Device Services

On MPS and LPS print servers the default service names start with MPS or LPS. MPSs and LPSs have 3 default services ending in **_TEXT**, **_PCL** and **_PS** for text data, binary data and Postscript data respectively. For instance, an MPS1 will have three default services names **MPS_XXXXXX_TEXT**, **MPS_XXXXXX_PCL** and **MPS_XXXXXX_PS**, where **XXXXXX** represent the last six numbers of the unit's Ethernet address.

The Lantronix EPS offers a default service on each port. The service names are **EPS_XXXXXX_yy** where **XXXXXX** represents the last six numbers of the unit's Ethernet address and **yy** is the port name, for example **EPS_XXXXXX_S1** (serial port) or **EPS_XXXXXX_P1** (parallel port).

The default services on the serial port of EPSs have the LAN manager, NetWare and TCP/IP protocols enabled. LAT is disabled by default on services provided by the EPS because many network

NOTE: The default service names are based on the server name; therefore the server name must be no more than 12 characters.

1. Telnet (or other method of getting to the Local> Prompt on the Lantronix device
2. Type show service local, and press [ENTER]
3. Following is an example

```
Local_3> show service local
```

Service	Identification
LPS_26438E_TEXT	LPS1 Parallel Port Text Service
LPS_26438E_PCL	LPS1 Parallel Port PCL/Binary Service
LPS_26438E_PS	LPS1 Parallel Port PostScript Service