### Slex Users Manual SX

# 3-2. Using PRICOM 7000 in Windows NT4.0, Windows 2000, Windows XP

This chapter explains how to print using TCP/IP protocol of Windows NT 4.0, Windows 2000 and Windows XP.

## Print Using TCP/IP of Windows NT 4.0, Windows 2000, Windows XP

Following indicates how to print using TCP/IP protocol.



-Make sure to install printer driver before you start using PRICOM.

-For the print using embedded printing client function, refer to "Print Using Embedded Printing Client Function" in this chapter.



Verify PC Network Configuration

Windows NT 4.0

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Make sure that the TCP/IP and Microsoft TCP/IP Printing are added to the Services.

- 1. Click-Start, then Settings, then Control Panel.
- 2. Double-click Network.
- 3. Verify that TCP/IP Protocol is included in Network Protocols.





-If *TCP/IP Protocol* is not in *Network Protocols*, click *Network Components*, then *TCP/IP Protocol* to add *TCP/IP protocol*.

4. Verify if the configuration is proper for your environment in "IP Address".



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5. Verify if *Microsoft TCP/IP Printing* is included in *Network Services*.





-If *TCP/IP Printing* is not in *Services,* click *Add*, then *Network Services*, then *Microsoft TCP/IP Printing* to add *Microsoft TCP/IP Printing*.

Windows 2000

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Verify if Internet Protocol [TCP/IP] is added.

- 1. Click *Start,* then *Settings*, then *Control Panel*, then *Network and Dial-up Connections*.
- 2. Right-click Local Area Connection, then click Properties.
- 3. Verify that Internet Protocol [TCP/IP] is added.



 -If Internet Protocol [TCP/IP] is not in Components checked are used by this connection, click Install, then Internet Protocol [TCP/IP] to add Internet Protocol [TCP/IP].

4. Verify if the configuration is proper for your environment in *General.* 



#### Windows XP

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Verify if Internet Protocol (TCP/IP) is added.

- 1. Click start, then Control Panel, then Network and Internet Connections.
- 2. Right-click *Network Connections,* then click *Properties.*
- **3.** Verify that Internet Protocol (TCP/IP) is added.





-If *Internet Protocol (TCP/IP)* is not in *This connection uses the following items*, click *Install,* then *Internet Protocol (TCP/IP)* to add *Internet Protocol (TCP/IP).* 



4. Verify if the configuration is proper for your environment in *General*.





-When you use TCP/ IP protocol in Windwowds XP, click *Local Area Connection Properties,* then *Advanced*, then remove the check from *Protect my computer and network by limiting or preventing access to this computer from the Internet.* 

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#### Quick Setup

**1.** Insert the User Software SX in the CD-ROM drive of your Windows PC. The main menu screen will be displayed.



2. The below screen will be displayed.



**3.** Quick Setup loads.



**4.** Confirm the Software License Agreement.

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**5.** Select PRICOM to be configured.





**6.** Assign an IP address.

#### When you have DHCP server in your environment.

(A) Obtain an IP address from DHCP server automatically.





(B) Assign an IP address manually.



#### When you do not have DHCP server in your environment.



**7.** Verify the configuration parameters.



8. Setup is complete.

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-Proceed to install JC-Print2002. JC-Print2002 is a printing software that enables you to print directly from WIndows.

-If you want to embedded priniting client function in WIndows NT 4.0, Windows 2000 or Windows XP, refer to "Print Using Embedded Printing Function" in this chapter.

#### Install JC-Print2002

To print directly from Windows NT 4.0, Windows 2000 or Windows XP environment using TCP/IP protocol, use the JC-Print2002 bundled with PRICOM. JC-Print2002 is a printing software that enables users to use LPR (dedicated to silex products). JC-Print2002 also records PRICOM Monitor SX. when instillation is compalte, the wizard to add printer port to be started.



-LPR (Line Printer Remote)

A widely used popular protocol that enables users to execute printing to printers on the network. -PRICOM Monitor SX

You can check the printer status with this monitor. For more details, refer to " 9. PRICOM Monitor SX".

#### **1** Verifying installing method.

(A) Install JC-Print2002 following Quick Setup.



(B) Install JC-Print2002.





2. JC-Print2002 installation wizard to be started.



**3.** Confirm the Software License Agreement.



**4.** Verify the Destination Directory.





-Click *Reference* to specify the destination directory.

**5.** Specify the group name to be registered at the start menu.



6. Installation to be started.

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**7.** Configuration is complete.



#### **Adding Print Port**

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At first you have to make a printing port to use LPR. Select "*Print with LPR*', then click "*Next*' to start using the specified printing option.



- PRICOM 7000 cannot be used "Print with IPP" and "Print with Raw mode".

(A)

**1.** Adding printer port following the JC-Print2002 installation.



**2.** JC-Print2002 port adding wizard starts.



(B)Click *Start*, then *Programs*, then J*C-Print2002*, then *JC-Print2002 Port adding*.



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Adding JC-Print2002 LPR Port.

1. Select LPR (Line Printer Remote).



2. Display the list of print servers on the network by *Searching Print Server*. Select PRICOM you want to configure.



**3.** Type in printer port name.



### Silex Users Manual SX

**4.** Verify the configuration.



**5.** Select the printer you want to use with PRICOM.



**6.** Port configuration is complete.



#### **Configuring Printer Driver**

This section explains how to configure printer driver.

Ex.) Windows 2000



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-If you do not configure printer driver, the following error dialog may appear. In this case, click *No* and configure printer driver by following steps.



1. Click *Start*, then *Settings*, then *Printer*, then open the printer property.







#### **3.** Configure bidirectional.



 If you use Canon Laser Shot Utility [Print Buddy II] and [NetSpot JobMonitor], check in *Enable bi*directional support.

**4.** Configuration is complete.

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TIP



#### Print Using Embedded Printing Client Function

This section explains how to print using embedded printing client function.

#### Print Using LPR Port of Windows NT 4.0



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-In order to print using LPR port, LPR port must be added. Click *Start*, then *Settings*, then *Control Panel*, then *Network*, then select *Services*, then click *Add*, then select *Microsoft TCP/IP Printing*, then *OK*. Component is installed. Restart the computer.

1. Click *Start*, then *Settings,* then *Printers*, then double-click *Add Printer*.







#### **8.** Register the Printer name.



Select if use the printer as the default printer or not.

If you do not specify the printer name, use the printer name already set.

Click Next.

**9** Select if the printer to be shared or not .



-If the printer is shared with other computers in the same network, select *Shared*.

**10.** Select if you want test print.



**11.** If the test page is printed properly, configuration is complete.

#### Print Using LPR Port of Windows 2000 and Windows XP



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-In order to print using LPR port, LPR port must be added. Click Start, then Control Panel, then Add or Remove Prpgrams (For Windows 2000, click start, then Settings, then Control Panel, then Add or Remove Programs, then Add/Remove Windows Components. Windows Components Wizard will be displayed, then click Components, then Other Network File and Printing Services, then Details, then Print Services for Unix, then OK. Windows Components Wizard will be displayed. Click Finish.

-Screens displayed below are for Windows 2000. If you use Windows 2000, the screens may vary.

1. Click start, then Control Panel, then Printers and Other Hardware, then Add a printer.



-If you use Windows 2000, click Start, then Settings, then Printers, then double-click Add Printer. NOTE

2. Select the printer to be configured.



-If you use Windows 2000, select *Local printer* and remove the check from *Automatically* Æ detect and ... NOTE



#### **3.** Select the printer port.



Add LPR compatible printer.
Add LPR compatible printer.
Type in the IP address configured to PRICOM and type in lp.
Click CK.

**5.** Select the printer driver.





Verify the printer driver. 6.



7. Register the printer name.



8. Select if the printer to be shared or not .

NOTE



-If the printer is shared with other computers in the same network, select Shared as.



#### **9.** Select if you want test print.



**10.** Verify the configuration.



**11.** If the test page is printed properly, configuration is complete.