

LPR Printing

Spire Color Servers

Document Author: Jane Rosen **Date**: December 2000 **Description**: How to Configure LPR Printer in Windows NT 4.0

Configuring an LPR Printer on Windows NT 4.0

The following procedure describes how to configure an LPR printer in Windows NT 4.0 for printing to the Spire Color Servers. This procedure is suitable for all Spire Color Server platforms (CSX130 & CSX2000).

Before you begin:

The following items must be installed and configured on the Windows NT 4.0 client workstation (Server or Workstation version) before you begin:

- TCP/IP protocol
- Microsoft TCP/IP Printing service
- Latest Adobe PS Printer Driver (you can download the latest version free from <u>www.adobe.com</u>).
- 1. From the **Start** menu, select **Settings** \rightarrow **Printers**.



2. From the **File** menu, select **Server Properties**.



3. Select the **Ports** tab and then click **Add Port**.

🧼 Print Server Propert	ies		? ×
Forms Ports Advance	ed]		
Ports on this server	Description	Printer	
C:\Program Files\Ad	Description PDF Port	Frinter	
LPT1:	Local Port		
LPT2:	Local Port		
LPT3: COM1:	Local Port Local Port		
COM2:	Local Port		
COM3:	Local Port		
COM4:	Local Port		
Add Port	Delete Port	<u>C</u> onfig	jure Port
		OK	Cancel

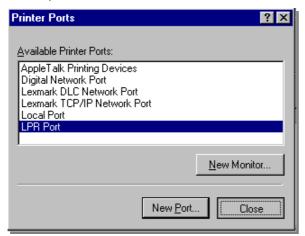
4. From the list of available ports select LPR Port.

Printer Ports	? ×
Available Printer Ports:	
AppleTalk Printing Devices Digital Network Port Lexmark DLC Network Port Lexmark TCP/IP Network Port Local Port LPR Port	
	New Monitor
New Port.	Cancel

5. Enter the exact name of the Spire Color Server (this field is case-sensitive), for example, PQA_RUMBA1 in the Name or address of server providing lpd: field. Then enter the exact name of the Virtual Printer you wish to print to (you can view the exact name of the printer on the Spire Color Server, under Admin → Resource Manager → Virtual Printers). In this example enter the Virtual Printer name, PQA_RUMBA1_ProcessPrint. Click OK when you are done.

Add LPR compatible printer		×
Name or address of server providing lpd:	PQA_RUMBA1	OK
Name of printer or print queue on that server:	PQA_RUMBA1_ProcessPrint	Cancel
		<u>H</u> elp

6. When you have finished click **Close**.



7. You will now see the port added in the list. Click **OK** to close the Print Server Properties window.

🧼 Print Server Properties	? ×
Forms Ports Advanced	
PQA_NT_SERVER1	
Ports on this server	
Port	Description 🔺
PQA_RUMBA1:PQA_RUMBA1_PROCESSPRINT PQA_RUMBA1:PQA_RUMBA1_PRINTTOSTORE	
LPT1: LPT3: COM1: COM2:	Local Port Local Port Local Port Local Port Local Port
Add Port Delete Port	Configure Port
	Cancel

The next step is to define the LPR printer using the Adobe PostScript Printer driver application.

1. Launch the Adobe PostScript Driver application (you can download this application from Adobe's Web site at www.adobe.com).



2. When the welcome message appears on the screen click Next.

₩elcome	<u>쓰</u>
	Welcome to the Adobe® PostScript® Printer Driver setup program. This program will install a PostScript Printer on your computer.
	It is strongly recommended that you exit all Windows programs before running this Setup program.
	Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
	WARNING: This program is protected by copyright law and international treaties.
æ 9	Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
	Next> Cancel

3. Click **Accept** to accept the license agreement

End User License Agreement			×
Please read the following license this agreement.	e agreement. Use	the scroll bar to	view the rest of
ELECTRONIC END USER LICENSE AGF FOR ADOBE PRINTER DRIVER	REEMENT		
NOTICE TO USER: THIS IS A CONTRAC SOFTWARE YOU ACCEPT ALL THE TE! AGREEMENT. Please read this agreemer Adobe Printer Driver Software ("Driver Sof for acquiring a license to use the Driver Sof following terms and conditions: TO ACCEF YOU DO NOT AGREE WITH THE TERM PRESS DECLINE AND QUIT. YOU WILL SOFTWARE.	RMS AND CONE at carefully. This s (tware'') and relat oftware and docu PT THIS AGREE IS AND CONDIT	DITIONS OF THI coftware package ed documentation mentation, you a MENT, PRESS / IONS OF THIS /	S e contains on. In return igree to the ACCEPT. IF AGREEMENT,
TO ACCEPT THIS AGREEMENT, PRESS TERMS AND CONDITIONS OF THIS AGR WILL NOT BE ABLE TO USE THE SOFT	REEMENT, PRE		
	< <u>B</u> ack	ACCEPT	DECLINE

4. Select *It is directly connected to your computer (Local Printer)*, then click Next.

Printer Connection Type		×
	How is your printer connected to your computer?	
	 It is directly connected to your computer (Local Printer) It is connected to your network (Network Printer) 	
<u> </u>		
	< <u>B</u> ack <u>Next></u> Cancel	

5. Select the LPR port you defined earlier on, e.g., PQA_RUMBA1, and then click **Next**.

Local Port Selection	×
Local Port Selection	Click the port you want to use with this printer. Click Configure Port to view or change that port's parameters. Available ports: COM2: Local Port COM3: Local Port COM4: Local Port COM4: Local Port FILE: Local Port LPT1: Local Port LPT2: Local Port LPT3: Local Port LPT4: Local Port LPT4: Local Port LPT5: Local Port LPT5: Local Port LPT4: Local Port LPT4:
	< <u>B</u> ack <u>N</u> ext > Cancel

6. The next step is to configure the printer with the Spire PPD. The Spire PPD (CSX2000 or Impact CSX) is located in a shared folder on the Spire Color Server. When the following window appears click **Browse**.

Select P	rinter Model			×
Ì	Select the model of your printer. If you do not find your printer listed, you can click Browse to look for printers at other locations or consult your printer documentation for a compatible printer.			
	If you cannot find a suitab	le printer listed, select Ado	be Generic PostS	cript Printer.
<u>P</u> rinter:	3:			
Generi	c PostScript Printer			
DEFF	RTR2.PPD	13492 bytes	03/09/00	Browse
		-		
		< <u>B</u> ack	<u>N</u> ext >	Cancel

7. Click **Network** and browse to your Spire Color Server.

Browse for Printer			? ×
Printers:	Eolders: c:\temp C:\ E c:\ E TEMP LISTMP1.DIR ms pft31~tmp E VBE	4	OK Cancel
T	Drives:	•	Network

8. Once you have located the Spire Color Server, double click on the server icon and then double click on the Utilities folder. Click **OK** when you are done.

Map Network	Drive		×
<u>D</u> rive:	G K:	•	ОК
<u>P</u> ath:	\\RUMBA2\Utilities	•	Cancel
Connect As:			<u>H</u> elp
	Reconnect at Logon		
<u>S</u> hared Direct	ories:	⊠ <u>E</u> xpa	and by Default
	PQA_RUMBA1 PQA_SFIDA_NET2 RENII RIPROPC1 RUMBA_LAB RUMBA1 RUMBA2 A Shared		
+	RUUMBA		
	SATURN		• •

9. Double click on the PPD folder and then select the Spire PPD (CSX2000 or Impact CSX)

Browse for Printer		? ×
Printers:	Eolders: k:\ppd k:\ PPD	OK Cancel
	Dri <u>v</u> es: I≊ k: \\RUMBA2\Utilities I	Network

10. Click **OK** when you are done.

11. In the list of Printer Models select the Spire PPD (CSX2000 or Impact CSX) and then click **Next**.

Select P	rinter Model			×
I	Select the model of your p Browse to look for printers for a compatible printer.			
	If you cannot find a suitab	le printer listed, select A	dobe Generic PostS	cript Printer.
<u>P</u> rinter:	s:			
Generi Impact	ic PostScript Printer			
CSXII	MPCT.PPD	35637 bytes < Back	11/01/00	Browse

12. Select **Not Shared** and then click **Next**.

Sharing	< د	<
	Will this printer be shared with other network users? Shared If you choose Shared, give this printer a share name. Share Name: Select the operating system of all computers that will be printing to this printer. Windows 95 and Windows 98	
	Cancel	

13. Enter a name for the printer which you will be able to identify on the client workstation, for example Rumba1-ProcessPrintLPR. Select Yes if you want to print a test page or select No, then click **Next**.

Printer Information		×
	You can use the following name or enter another name for this printer. Printer Name: Rumba1_ProcessPrintLPR	
	Do you want to use this printer as your default printer?	
	C No Would you like to print the test page? Yes (Recommended)	
	© №	
	< <u>B</u> ack Ne <u>x</u> t> Cancel	

14. Click **Install** to install the LPR printer with the Spire PPD.

Setup Information	×
Setup Information	Setup has enough information to start copying files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Install to begin copying files. Current Settings: Driver Information: Version: AdobePS5 5.1.2 Destination Directory: C:\WINNT\System32\spool\drive Printer Information: Rumba1_ProcessPrintLPR on PQA_RUMBA1:PQA_RL The PostScript Printer Description (PPD) file is: CSXIMP This printer will be the default printer. A test page will be printed.
	< <u>B</u> ack Install Cancel

15. When prompted to configure the printer, click **Yes** and then click **Next**.

Printer Configuration	×
	If you purchased options for your printer, such as additional trays or memory, it is recommended that you configure these now. To do this, select Yes below and click Next to open Printer Properties. Click the Device Options tab and specify your printer configuration. When done, click OK to close Printer Properties. Would you like to configure your printer now? © Yes © No
	K Back Next > Cancel

16. Configure the printer according to your specifications and then click **OK**.

Rumba1_ProcessPrintLPR Properties	? ×
Device Settings	
 AdobePS Impact CSX Device Settings Form To Tray Assignment Roll: <letter> Roll: <letter> Forn Substitution Table Available PostScript Memory: <15625 KB> Output Protocol: <ascii></ascii> Send CTRL-D Before Each Job: <no></no> Send CTRL-D After Each Job: <yes></yes> Add Euro Currency Symbol to PostScript Fonts: <no></no> Job Timeout: <0 seconds> Wait Timeout: <300 seconds> </letter> </letter> 	
Change 'Roll' Setting A6 B4 B5 Legal Letter	
ОК	Cancel

17. Click **Finish** to complete the setup.

Setup Complete	×	
	Setup has finished copying files to your computer.	
	The installation contains the file ReadMe that provides additional information about the products you have installed.	
	< <u>B</u> ack <u>F</u> inish	
🧕 Printers		
<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>H</u> el	P	
📴 Printers	1	
🛃 Add Printer		
QDEMO on DALI		
SFIDA4_ProcessPrint on SFIDA4		
SFIDA5_ProcessPrint on SFIDA5		
1 object(s) selected	li.	

18. The new LPR printer is now listed with your other printers on the Windows NT client workstation. You are now ready to print to the Spire Color Server using LPR.