COMPUPRINT SP40

Ethernet 10/100Base-T Connection Installation Guide

Visit the web site http://www.compuprint.com for the latest information,drivers and firmware.

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Introduction

The following information concerns the specific characteristics of the Compuprint printers using the LAN (Local Area Network) connection.

Compuprint printers can be supplied with one Ethernet 10/100Base-T port option for LAN connection providing a simple and efficient network printing solution.

For any other printer information, please refer to the printer's User Manual included in the *Documentation & Driver* CD-ROM.

LAN Interface Port



The interface ports are located on the rear of the printer:

- A. Parallel Interface Port
- B. Serial Interface Port
- C. LAN Interface Port:
 - 1. Green 10/100Mbit/sec. Transmission Speed Led
 - 2. Yellow Traffic Led
 - 3. LAN Configuration Page Print Button

LED Indicators

LED	Status	Description	
GreenLed		Transmission speed at 10Mbit/sec	
Oreen Leu	Unlit	Transmission speed at 100Mbit/sec	
Yellow Led	Blinks	Transmitting or receiving packets from the network	
	Unlit	No transmitting or receiving packets from the network	



Press on the push button, next to the LAN connector, to print the LAN interface configuration page. The following shows an example:

Configuration Page Sample (in TCP/IP protocol)

~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Compuprint Network Interface Configuration
Printer Information Product Name: SP40 Product Description: Compuprint SP40 Printer Base Code: V1.77 NIC Code: Version 4.04
NIC Information: General: Host Name: SP40LAN MAC Address: 00:06:6D:00:0E:AC Workgroup Name: Compuprint Location: No location Contact: No contact TCP/IP: IP Address Assignment: DHCP IP Address: 10.0.99.21 Subnet Mask: 255.255.0.0 Default Gateway: 10.0.255.240 SMTP: SMTP Service: Disabled Mail Server Address: 0.0.0 E-Mail Address (Receiver): E-Mail Address (Sender):
Service Information SNMP: Enabled HTTP: Enabled SMB (Samba): Enabled FTP: Enabled Direct IP: Enabled Telnet: Enabled Line Printer daemon (LPD): Enabled

Windows Environment

In the Local Area Network printing environment, the PCs can share a printer, that is, different users can use the same printer.

Software installation must be carried out on every PC requiring access to the Compuprint printer. For the communication between the PCs and the Compuprint printer is necessary that the same LAN protocol is used for all connected devices: the TCP/IP or the NetBEUI protocol in a Windows environment

Software Installation & Configuration in Windows 98 Environment

Port Installation

Check that the Printer is powered on and the Green Power led of the LAN Interface Port is lit.

Insert the CD-ROM labeled Documetation & Driver.

1. Run the "Compuprint PP" program from the Drivers\Microsoft\Print Port directory. The Compuprint Print Port Install Shield Wizard screen appears:



2. Follow the *Compuprint Print Port Setup* program instructions. This program installs the Compuprint print port.

TCP/IP Protocol - Printer Installation

- 1. Go to "Start-Settings-Printers" on you PC.
- 2. Invoke the "Add Printer Wizard". Click *Next* button. The following screen appears:



3. Select "Local printer" and click *Next* button. You will see the "Printers" list option.

Add Prin	Click the manufactur installation disk, click documentation for a	er and model of your printer. If your printer came with an Have Disk. If your printer is not listed, consult your printer compatible printer.
Manufa Apple AST AT&T Brother Bull C-Itoh	cturers:	Printers: AGFA-AccuSet 1000 AGFA-AccuSet 1000SF v2013.108 AGFA-AccuSet 1000SF v52.3 AGFA-AccuSet 1500 AGFA-AccuSet 1500SF v2013.108 AGFA-AccuSet 800 AGFA-AccuSet 800SF v2013.108
-		KBack Next > Cancel

4. If the printer is not listed and the printer comes with the installation disk. Click *Have Disk* button. The "Install From Disk" screen appears:



5. Insert the CD-ROM labeled *Documetation & Driver* into the drive. Click *Browse* button. The "Open" screen appears. Go to the *\drivers\microsoft \win98* folders and select the *total.inf* file.

Open		? X
File <u>n</u> ame:	Eolders:	ОК
total.inf	D:\drivers\microsoft\W	VIN98 Cancel
COCOLUMN	drivers drivers microsoft win38	N <u>e</u> twork
	Dri <u>v</u> es:	

6. Click OK button. The following screen appears:

Install Fr	om Disk	×
9	Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK Cancel
	Copy manufacturer's files from:	
	D:\drivers\microsoft\WIN98	<u>B</u> rowse

7. Click OK button. Select "Compuprint SP40" printer.

Add Prin	ter Wizard
٩	Click 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.
<u>P</u> rinters:	
Compup	orint SP40
	Have Disk
	< <u>B</u> ack Next > Cancel

Click Next button. Click the "LPT1" port to use with 8. this printer and then click Next button again.

Add Printer Wizard	Click the po click Next. <u>A</u> vailable p	ort you want to use with this printer, and the	en
	COM1: COM2: FILE: LPT1:	Communications Port Communications Port Creates a file on disk Printer Port	
		<u>C</u> onfigure Port	t

9. Type the name for this printer in the "Printer Name" screen. Click *Next* button.



10. The "Print Test Page" screen appears. If you want to print the test page, select Yes, then click *Finish* button to end the procedure.



If there are not installed Windows 98 files useful to continue this procedure in your PC, the following screen appears:

1 1165	
The file 'DMCOLOR.DLL' on Windows 98 Second Edition CD-ROM cannot be found.	ОК
Insert Windows 98 Second Edition CD-ROM	Cancel
In the selected drive, and click UN.	<u>S</u> kip File
Copy files from:	<u>D</u> etails
D:\win98	<u>B</u> rowse
	The file 'DMCOLOR.DLL' on Windows 98 Second Edition CD-ROM cannot be found. Insert Windows 98 Second Edition CD-ROM in the selected drive, and click OK. Copy files from: D:\win98

Insert the CD-ROM labeled *Windows 98 Second Edition* into the drive. Click *OK* button to copy the files. When the files are copied, insert the CD-ROM labeled *Documetation & Driver* and click *OK* button.

Source:		
Windows (Destination C:\WINDO	18 Second Edition CD-HUM 1: JWS\SYSTEM\UNIDRV.DLL	
	75%	
nt Dick	Cancel	
Please insert th	ne disk labeled "Windows 98 Compuprint printe	er drivers', and then click
	ок (

TCP/IP Protocol - Port Configuration

Now configure the port to be connected to the printer.

1. Check in "Printers" window if the "Compuprint SP40" printer is installed. Click on "Compuprint SP40" icon, then click on *File* selection on the menu bar. Select *Properties*.



2. The "Compuprint SP40 Properties" screen appears:

Compuprint SP40	Properties ? 🗙
General Details	Sharing Paper Graphics Device Options
🍏 Compupr	int SP40
<u>C</u> omment:	
<u>S</u> eparator page:	(none) Browse
	Print <u>T</u> est Page
	OK Cancel Apply

3. Click *Details* button. In the screen that appears you can select the port to be connected to the printer. Click *Add Port* button.

Compuprint SP40 Properties	? ×		
General Details Sharing Foglio Grafica	Dpzioni periferica		
Compuprint SP40			
Print to the following port:			
LPT1: (Printer Port)	Add Port		
Print using the following driver:	<u>D</u> elete Port		
Compuprint SP40 New Drive			
Capture Printer Port End	d Capture		
Timeout settings			
Not <u>s</u> elected: 15 seconds			
Transmission retry: 45 seconds			
Spool Settings	Port Settings		
OK Can	cel Apply		

4. The "Add Port" screen appears. Click "Other" selection. Select "Compuprint Print Port "as the port to use. Click *OK* button.

Add Port	<u>? ×</u>
Select the type of port you want to add:	
C Network	
Specify the network path to the printer:	
	Browse
 Other Click the type of port you want to add: Compuprint Print Port Local Port 	
и ОК	Cancel

5. Select "Compuprint Port 9100". Click OK button to confirm.



6. In the "Port 9100 settings" screen you can configure this port.

NIC Name	IP-address	TCP/IP port
	Port Name:	
	Banner	
	E E	nable

To specify the *IP-address* see the values set in the INIT IP ADDRESS parameter of the LAN INTERFACE item in the *Power-On Configuration* setup you find in the User Manual included in the *Printer Documentation & Drivers* CD-ROM.

Then enter a Port Name in the *Port Name* field. Click *OK* button to confirm.

If you want to set the default network IP-address and Port Name values, click Browse Network button.

7. Click Apply button and then OK button to confirm.

Compuprint SP40 Properties	? ×		
General Details Sharing Paper Graphics	Device Options		
Compuprint SP40			
Print to the following port:			
PRM_9100 (Compuprint Port 9100)	Add Port		
Print using the following driver:	Delete Port		
Compuprint SP40	Ne <u>w</u> Driver		
Capture Printer Port End	Capture		
Timeout settings			
Not <u>s</u> elected: 15 seconds			
Transmission retry: 45 seconds			
Spool Settings Port Settings			
OK Cance	el <u>A</u> pply		

Port configuration is now complete.

NetBEUI Protocol - Printer Installation

- 1. Go to "Start-Settings-Printers" on you PC.
- 2. Invoke the "Add Printer Wizard". Click *Next* button. The following screen appears:



3. Select "Local printer" and click *Next* button. You will see the "Printers" list option.

Ï	Click the manufactu installation disk, clic documentation for a	irer and model of your printer. If your printer came with an k Have Disk. If your printer is not listed, consult your printe compatible printer.
<u>Manufad</u> Apple AST AT&T Brother Bull	sturers:	Brinters: AGFA-AccuSet 1000 AGFA-AccuSet 1000SF v2013.108 AGFA-AccuSet 1000SF v52.3 AGFA-AccuSet 1500 AGFA-AccuSet 1500SF v2013.108 AGFA-AccuSet 1500SF v2013.108 AGFA-AccuSet 800
IC-Itoh		JAGEA-AccuSet 800SE v2013 108 Have Disk
		< <u>B</u> ack Next ≻ Cancel

4. If the printer is not listed and the printer comes with the installation disk. Click *Have Disk* button. The "Install From Disk" screen appears:



5. Insert the CD-ROM labeled *Documetation & Driver* into the drive. Click *Browse* button. The "Open" screen appears. Go to the \drivers\microsoft \win98 folders and select the total.inf file.

ïle <u>n</u> ame:	Folders:	OK
otal.inf	D:\drivers\microsoft\\	VIN98 Cancel
	· · · · · · · · · · · · · · · · · · ·	Network
	T	Ŧ
	Dri <u>v</u> es:	

6. Click OK button. The following screen appears:

Install Fr	om Disk	×
_	Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK Cancel
	Copy manufacturer's files from:	1
1.	D:\drivers\microsoft\WIN98	<u>B</u> rowse

7. Click OK button. Select "Compuprint SP40" printer.

Add Prin	ter Wizard
I	Click 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.
Printers:	
Compu	print SP40
	Have Disk
	< <u>B</u> ack Next > Cancel

8. Click Next button. Click the "LPT1" port to use with this printer and then click Next button again.

Add Printer Wizard	Click the por click Next. <u>A</u> vailable po	it you want to use with this printer, and then rts:	
	COM1: COM2: FILE: LPT1:	Communications Port Communications Port Creates a file on disk Printer Port	
		<u>C</u> onfigure Port < <u>B</u> ack Next > Cancel	

9. Type the name for this printer in the *Printer Name* field. Click *Next* button.



10. The "Print Test Page" screen appears. If you want to print the test page, click Yes, then click *Finish* button to end the procedure.



If there are not installed Windows 98 files useful to continue this procedure in your PC, the following screen appears:

Copying	Files	2
<u>_</u>	The file 'DMCOLOR.DLL' on Windows 98 Second Edition CD-ROM cannot be found.	ОК
	Insert Windows 98 Second Edition CD-ROM	Cancel
	in the selected drive, and click OK.	
		<u>S</u> kip File
	<u>C</u> opy files from:	<u>D</u> etails
	D:\win98	<u>B</u> rowse
		19

Insert the CD-ROM labeled *Windows 98 Second Edition* into the drive. Click *OK* button to copy the files. When the files are copied, insert the CD-ROM labeled *Documetation & Driver* and click *OK* button.

Destination: C:\WINDOWS\SYSTEM\UNIDRV.DLL 75% Cancel Disk	
75% Cancel	
Cancel	
Disk	
Please insert the disk labeled 'Windows 98 Compuprint printer of	drivers', and then cl

NetBEUI Protocol - Port Configuration

Now configure the port to be connected to the printer.

1. Check in "Printers" window if the "Compuprint SP40" printer is installed. Click on "Compuprint SP40" icon, then click on *File* selection on the menu bar. Select *Properties.*



2. The "Compuprint SP40 Properties" screen appears.



3. Click *Details* button. In the screen that appears you can select the port to be connected to the printer. Click *Add Port* button.

Compuprint SP40 Properties	? ×		
General Details Sharing Foglio Grafica C)pzioni periferica		
Compuprint SP40			
Print to the following port:			
LPT1: (Printer Port)	Add Por <u>t</u>		
Print using the following driver:	Delete Port		
Compuprint SP40 New Driver			
<u>C</u> apture Printer Port E <u>n</u> d	Capture		
Timeout settings			
Not selected: 15 seconds			
Transmission jetry: 45 seconds			
Spool Settings	Port Settings		
OK Cano	cel <u>Apply</u>		

4. The "Add Port" screen appears. Click "Other" selection. Select "Local Port" as the port to use. Click *OK* button.



5. The "Port name" screen appears. Enter a port name in the *Port Name* field (the *port name* must be present in the local network as *hostname*, the print queue as *prt1*). Click *OK* button to confirm.



6. Click *Apply* button and then *OK* button to confirm.

Compuprint SP40 Properties 🛛 📪 🗙			
General Details Sharing Paper Gra	aphics Device Options		
Compuprint SP40			
Print to the following port:			
Whostname\print queue_name	✓ Add Port		
Print <u>u</u> sing the following driver:	<u>D</u> elete Port		
Compuprint SP40	▼ Ne <u>w</u> Driver		
Capture Printer Port	E <u>n</u> d Capture		
_ Timeout settings			
Not <u>s</u> elected: 15 seco	onds		
Transmission <u>r</u> etry: 45 seco	onds		
Spool Settings Pgrt Settings			
OK	Cancel <u>Apply</u>		

Port configuration is now complete.

Software Installation & Configuration in Windows 2000 Environment

Port Installation

- Check that the Printer is powered on and the Green Power led of the LAN Interface Port is lit.
- Insert the CD-ROM labeled Documetation & Driver.
 - 1. Run the "Compuprint PP" program from the drivers\microsoft\Print Port directory. The Compuprint Print Port Install Shield Wizard screen appears:



2. Follow the *Compuprint Print Port Setup* program instructions. This program installs the Compuprint print port.

TCP/IP Protocol - Port Configuration

- 1. Go to "Start-Settings-Printers" on you PC.
- 2. Invoke the "Add Printer Wizard". The following screen is prompted. Click *Next* button.



3. The "Local or Network Printer" screen appears, select "Local printer".

Local or Network Printer	
is the philter attached to	
If the printer is directly att another computer, or dire	ached to your computer, click Local printer. If it is attached to ctly to the network, click Network printer.
Cocal printer	
🔽 Automatically det	ect and install my Plug and Play printer
C Network printer	

4. Click Next button and the following screen appears:



Now the wizard detects and installs the new Plug and Play printers if you want to install the printer manually, click *Next* button.

5. In the "Select the Printer Port" screen, click on *Create a new port* field to select "Compuprint Print Port" as the port to use.

elect the Printe Computers con	er Port nmunicate with printers	through ports.	E
Select the port new port.	you want your printer t lowing port:	o use. If the port is not liste	ed, you can create a
Port	Description	Printer	
LPT1: LPT2: LPT3: COM1: COM2: COM3:	Printer Port Printer Port Printer Port Serial Port Serial Port Serial Port		
Note: Most	computers use the LP	T1: port to communicate w	ith a local printer.
Create a ne	ew port:		
Type:	Type: Compuprint Print Port		<u> </u>
		· · · · · · · · · · · · · · · · · · ·	1.1

6. Click *Next* button. The "Add New Port" screen appears. Select "Compuprint Port 9100". Click *OK* button.



7. The "Port 9100 Settings" screen appears:

Ccpg	NIC Name IP Address	IP-address: TCP/IP port: 9100 Port Name:
		Banner Enable
	Browse Network	OK Cancel

To specify the *IP-address*, see the values set in the INIT IP ADDRESS parameter of the LAN INTERFACE item in the *Power-On Configuration* setup you find in the User Manual included in the *Documentation & Drivers* CD-ROM.

Then enter a Port Name in the *Port Name* field. Click *OK* button to confirm.

If you want to set the default network IP-address and Port Name values, click Browse Network button.

Port configuration is now complete.

TCP/IP Protocol - Printer Installation

Now to install the Compuprint printer to be connected to the new port, click the *OK* button of the "Port 9100 Settings" screen.

1. You will see the "Printers" list option. If the printer is not listed and the printer comes with the installation disk. Click *Have Disk* button. The "Install From Disk" screen appears:

Add Printer Wizard		
Add Printer Wizard The manufacturer ar	nd model determine which printer to use.	Ì
Select the manufa disk, click Have D compatible printer.	acturer and model of your printer. If your printer came with bisk. If your printer is not listed, consult your printer docum	an installation ientation for a
Manufacturers:	Printers:	
Bull Canon	Canon Bubble Jet BJ-10e Canon Bubble Jet BJ-10ex	
Cit Install From Disk		×
Co Co	manufacturer's installation disk into the drive	к
Copy mar	nufacturer's files from:	el
A:\	Brov	vse

2. Insert the CD-ROM *Documetation & Driver* into the drive. Copy the files from the \drivers\microsoft W in2000 folders and select the *compprint.inf* file.

	Insert the manufacturer's installation disk into the drive	OK
selected, and then click OK.	Cancel	
	Copy manufacturer's files from:	
	EXDRIVERSAMICROSOFTAWin2000	Browse

3. Click *OK* button. Select "Compuprint SP40" printer.

Add Printer W	fizard		
Add Printe The ma	er Wizard anufacturer 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.			
Printers:	\$P40		
	<u>W</u> indows Update <u>Have Disk</u>		
	< <u>B</u> ack <u>N</u> ext> Cancel		

4. Assign a name for your printer (i.e. *Compuprint SP40*).

Add Printer Wizard
Name Your Printer You must assign a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters. Printer name: Compuprint SP40 Do you want your Windows-based programs to use this printer as the default printer? © Yes © Ng
< <u>B</u> ack <u>N</u> ext > Cancel

5. To share this printer with the other users, provide a share name.

Printer Wizard	
Printer Sharing You can share	this printer with other network users.
Indicate whether printer, you mus	er you want this printer to be available to other users. If you share this t provide a share name.
C Do not shar	e this printer
Share as:	Compupri
	•
	K Back Next > Cancel

6. Click Next button. The "Location and Comment" screen appears. Write the Location and the Comment you desire.

Add Printer Wiza	ard
Location and You have	d Comment the option of supplying a location and description of this printer.
You can d helpful to u	escribe the location and capabilities of this printer. This information may be users.
Location:	User name
Comment	Lan printer
5 5	<back next=""> Cancel</back>

7. Click *Next* button. The "Print Test Page" screen appears. If you want to see the final printer setting configuration, click "Yes".

Add Printer Wizard			
Print Test Page To confirm that the printer is installed p	roperly, you can prin	t a test page.	
Do you want to print a test page?			
C No			
	< Back	Next >	Cancel

8. This is the Test Page:

Add Printer Wizard				
	Completing the Add Printer Wizard			
	You have successfully completed the Add Printer wizard.			
	You specifie	ed the following printer settings:		
	Name: Shared as: Port: Model: Default: Test page: Location: Comment:	Compuprint SP40 Compupri PRM_0.0.0.0:9100 Compuprint SP40 Yes Yes User name Lan printer		
	To close thi	s wizard, click Finish.		
< <u>B</u> ack Finish Cancel				

9. Click *Finish* button to end the printer installation procedure.

NetBEUI Protocol - Port Configuration

- 1. Go to "Start-Settings-Printers" on you PC.
- 2. Invoke the "Add Printer Wizard". The following screen is prompted. Click *Next* button.



3. The "Local or Network Printer" screen appears, select "Local printer".

d Printer Wizard	
Local or Network Printer Is the printer attached to your computer?	
If the printer is directly attached to your o another computer, or directly to the netw	computer, click Local printer. If it is attached to ork, click Network printer.
Cocal printer	
🔽 Automatically detect and install n	ny Plug and Play printer
C Network printer	
	< Back Next > Cancel

4. Click Next button and the following screen appears:



Now the wizard detects and installs the new Plug and Play printers if you want to install the printer manually, click *Next* button.

5. In the "Select the Printer Port" screen, click on *Create a new port* to select "Local Port" as the port to use.

Calast the se			
new port.	n you wani your pirner i	o use. In the points not listed, y	iou can create a
C Use the fi	blowing port:	Dinn	
LPT1: LPT2: LPT3: COM1: COM2: COM2:	Printer Port Printer Port Printer Port Serial Port Serial Port Serial Port	1.10.00	
Note: Mo	st computers use the LP	T1: port to communicate with a	a local printer.
Type:	Local Port		_

6. The "Port name" screen appears. Enter a port name in the *Port Name* field (the *port name* must be present in the local network as *hostname*, the print queue as *prt1*). Click *OK* button to confirm.

Inter a port(theorem elliprint queue_name OK ed, you can create a Port Description Printer LPT1: Printer Port Image: Comparison of the printer Port LPT2: Printer Port Image: Comparison of the printer Port LPT3: Printer Port Image: Comparison of the printer Port COM1: Serial Port Image: Comparison of the port COM2: Serial Port Image: Comparison of the port to communicate with a local printer. Create a new port: Tupe: Local Port	Name		<u>? x</u>	
Cancel Port Description LPT1: Printer Port LPT2: Printer Port LPT3: Printer Port COM1: Serial Port COM2: Serial Port Computers use the LPT1: port to communicate with a local printer. Create a new port: Tupe: Local Port	Inter a port\ ijka	Ø®‡hame\print queue.	_name OK	ed, you can create a
Port Description Printer LPT1: Printer Port	2-11-002/01-3-11		Cancel	
LPT1: Printer Port LPT2: Printer Port LPT3: Printer Port COM1: Serial Port COM2: Serial Port CMA: Serial Port Vote: Most computers use the LPT1: port to communicate with a local printer. Create a new port: Tupe:	Pert	Deserietien	Drinker	
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: Local Port	LPT1: LPT2:	Printer Port Printer Port Printer Port	1 CHING	
Note: Most computers use the LPT1: port to communicate with a local printer. Create a new port: Type: Local Port	COM1: COM2: COM3:	Serial Port Serial Port Serial Port		.
Create a new port Type: Local Port	Note: Most	computers use the LI	PT1: port to communicate wi	ith a local printer.
Type: Local Port	🖲 Create a ni	ew port:		
	Type:	Local Port		•

NetBEUI Protocol - Printer Installation

Now to install the Compuprint printer to be connected to this new port, click on *Next* button of the "Port Name" screen.

 You will see "Add Printer Wizard" screen. If the printer is not listed and the printer comes with the installation disk. Click *Have Disk* button. The "Install From Disk" screen appears.

Add Printer Wizard		
Add Printer Wizard The manufacturer a	and model determine which printer to use.	I
Select the manuf disk, click Have compatible printe	facturer and model of your printer. If your printer c Disk. If your printer is not listed, consult your printe n.	ame with an installation er documentation for a
Manufacturers:	Printers:	
Bull Canon	Canon BubbleJet BJ-10e Canon BubbleJet BJ-10ex	-
Cit C-I		×
Co	e manufacturer's installation disk into the drive	ОК
In: () (00000	, and men olicit ent.	Cancel
Copu ma	anulacturad's filas from	el
A:\		Browse
A:\		Browse

2. Insert the CD-ROM *Documetation & Driver* into the drive. Copy the files from the *drivers\microsoft* W *in2000* folders and select the *compprint.inf* file name.



3. Click OK button. Select "Compuprint SP40" 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.
Printers: Compuprint SP40
<u>₩</u> indows Update
< Back Next > Cancel

4. Assign a name for your printer (i.e. Compuprint SP40).

Add Printer Wizard
Name Your Printer You must assign a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters. Printer name: Compuprint SP40
Do you want your Windows-based programs to use this printer as the default printer?
< <u>B</u> ack <u>N</u> ext > Cancel

5. To share this printer with the other users, provide a share name.

	and the second se
rinter Sharing You can share	this printer with other network users.
Indicate wheth printer, you mus	er you want this printer to be available to other users. If you share this ist provide a share name.
C Do not shar	ire this printer
Share as:	Сотриргі

6. Click Next button. The "Location and Comment" screen appears. Write the Location and the Comment you desire.

dd Printer Wiza	ırd
Location and You have	I Comment the option of supplying a location and description of this printer.
You can d helpful to u	escribe the location and capabilities of this printer. This information may be isers.
Location:	User name
Comment:	Print on local port
	<pre></pre>

 Click Next button. The "Print Test Page" screen appears. If you want to see the final printer setting configuration, click "Yes".

ld Printer Wizard			
Print Test Page To confirm that the printer is installed p	properly, you can print	a test page.	
Do you want to print a test page?			
• Yes			
C No			
		r	
	< Back	Next >	Cancel

8. This is the Test Page:

Add Printer Wizard			
	Comple Wizaro	eting the Add Printer I	
	You have successfully completed the Add Printer wizard.		
	You specified the following printer settings:		
	Name: Shared as: Port: Model: Default: Test page: Location: Comment:	Compuprint SP40 Compupri \\Sp40lan\Prt1 Compuprint SP40 Yes Yes User name Lan printer	
	To close this	s wizard, click Finish.	
		< Back Finish Cancel	

9. Click *Finish* button to end the printer installation procedure.

Port Installation & Configuration

Check that the Printer is powered on and the Green Power led of the LAN Interface Port is lit.

It is necessary to be SUPER USER.

Insert the Documetation & Driver CD-ROM.

 From the shell bush, run the "cmpwizard.sh" script from the drivers\unix directory included in the CD-ROM labeled *Compuprint Ethernet LAN*. See the following screen:

🖾 Command Prompt - telnet loki	- O ×
[root@loki /root]#	
[root@loki /root]#	
[root[loki /root]#	
LrootLloki /rootl#	
LrootLloki /rootl#	
[root[]oki /root]#	
[root]loki /root]#	
[root@loki /root]#	
lrooteloki /rootl#	
LPOOTELOKI /POOTJ#	
Lrooteloki /rootj#	
Lroot Loki /root J#	
Lrooteloki /rootj#	
Lroot loki /root J#	
LrootLloki /rootJ#	
LrootLloki /rootJ#	
LrootLloki /rootJ#	
Lroot loki /root II	
Lrooteloki /rootj#	
LPOOLEIOKI /POOLI#	
LPOOLUIOKI /POOLIH	
Lrooteloki /rootj#	
LPOOLEIOKI /FOOCIH	
Lrootlloki /rootl# /mnt/cdrom/cmpwizard.sh	

2. Select the operating system (n.7).



Ethernet 10/100 Base-T Connection

3. Add the *IP address*. This address must match the IP address selected in the INIT IP ADDRESS parameter of the LAN INTERFACE item in the *Power-On Configuration* setup you find in the User Manual included in the *Printer Documentation & Driver* CD-ROM.



4. Enter the *Logical Port Name*. The Logical Port Name is "prt1".



5. Enter the Print Server Name. The printer server name is "ps1".



6. If this configuration is ok , enter "y" to confirm.



The installation is now complete. If you want to print the test file, enter the *lpr -Pps1 test* command.

Linux 7.x & Solaris 7.x Operating Systems

To configure the printer for the Linux 7.x and Solaris 7.x operating systems, follow the corresponding procedure described below:

Configuring a Remote Printer for the Red Hot Linux 7.x Operating System

- 1. Open the "/etc/hosts" file as root user in a Terminal windows.
- 2. Add the *IP address* and the *Printer Name* information.

Here is an example of an "/etc/hosts" file:

Ip-address	Printer-name
10.0.128.220.1	prt1
10.0.128.220.2	prt2

- 3. Type "printconf-gui&" from a prompt.
- 4. Click *New* button. You are asked to enter a *queue name* for the printer. Type the *queue name* you want.
- 5. Then select "Type of queue". Select Unix Printer (lpd queue) in the "Queue type" box.
- 6. Insert the *printer name* used in "/etc/hosts" file (i.e. *prt1* or *prt2*) in the "Server" or "Remote Hosts" box.
- 7. Insert the *local spool directory* (where the print jobs for the Unix computer are to be placed) in the "Queue" or "Spool Directory" box.
- 8. Select *text only* in the "Printer Driver" box. Set up the configuration you want and then click *OK* button.
- 9. Click File ->Save Changes in the "printconf-gui" window.
- 10. Restart *lpd* to have (let) the printer daemon receive the new printer entry.

If the print job is rejected when it is sent to test the printer, ask the remote computer's administrator to check permission in the "/etc/lpd.perms" file.

Configuring a Remote Printer for the Solaris 7.x Operating System

- 1. Open the "/etc/hosts" file as *root user* in a Terminal windows.
- 2. Add the IP address and the Printer Name information.

Here is an example of an "/etc/hosts" file:

lp-address	printer-name
10.0.128.220.3	prt1
10.0.128.220.4	prt2

- 3. Type "admintool&" in a Terminal windows.
- 4. Select Browse button and then Printers.
- 5. Select *Edit->Add->Access to Print* in the "Admintool Printer Menu".
- 6. Insert the *printer name* you want in the "Printer Name" box.
- 7. Insert the *printer name* used in "/etc/hosts" file (i.e. *prt1* or *prt2*) in the "Printer Server" box.
- 8. Click *Apply* and then *OK* button.

Now you are ready to use the printer.

AS/400 Environment

Configuring AS/400 for ASCII (TCP/IP protocol)

Configuring with ADDTCPIFC

ADDTCPIFC is used to add a TCP/IP interface to AS/400.

This step configures the AS/400 for connection to a TCP/IP network.

1. At the AS/400 command line, enter the following command:

```
ADDTCPIFC
INTNETADR('127.000.000.000')LIND(ETHLAN)
SUBNETMASK ('255.255.254.000')
```

This screen should look like the following one:

Internet	address	127.000.000.000.
:		
Subnet	mask :	255.255.254.000
Line :	description	ETHLAN

To specify the *IP-address* and the *Subnet Mask*, see the values set respectively in the INIT IP ADDRESS and INIT NET MASK parameters of the LAN INTERFACE item in the *Power-On Configuration* setup you find in the User Manual included in the *Printer Documentation & Driver* CD-ROM.

Configuring a Router Definition with ADDTCPRTE

If necessary, use the ADDTCPRTE command to create a route definition. This is required if the printer is somewhere other than on a local segment.

Configuring a Local Domain and Host Name

The AS/400 print commands require a local name and host name. If you have already configured LAN attached TCP/IP printers on the AS/400 system, you will have a local domain name and hostname configured on the system.

To configure the local domain, you will run the CFGTCO command.

Configuring a TCP/IP Host Table Entry

Although it is optional to create a TCP/IP host table entry, it is suggested that you take this step. Add the AS/400 name and the LAN IP address to the "Host Table Entries".

Configuring AS/400 for Printing

The procedure for configuring an AS/400 for printing requires that you:

- 1. Setup the printing capability
- 2. Verify the setup with a print job.

In order to accomplish this configuration, you need the following information:

a) Remote Printer Queue Name

Set for any of 'pr1' through 'pr4'.

The Remote Printer Queue name must be all lower case.

b) IP Address

See the IP Address value set in the INIT IP ADDRESS parameter of the LAN INTERFACE item in the *Power-On Configuration* setup you find in the User Manual included in the *Printer Documentation & Driver* CD-ROM.

Setting up Printing for ASCII Files

The next step in configuring the AS/400 is to setup the remote printing capability. There are two ways to do this:

- you can specify the LPR parameters manually each time you send a file to the printer.
- use remote writer and a remote output queue for automatic printing to the printer.

Ethernet 10/100 Base-T Connection

To Use LPR Manually

- 1. Start TCP/IP, if it not already running, by entering the STRTCP command
- 2. At the AS/400 command line, enter 'LPR'.
- 3. The following example shows only the parameters you need to specify:

Remote System	RMTSYS	INTNETADR
Printer Queue	PRTQ	d1prn
Destination Type	DESTTYP	OTHER
Transform SCS to ASCII	TRANSFORM	YES
Manufacturer Type and Model	MFRTYPMDL	IBM6400EP
Internet Address	INTNETADR	127.000.000.000

where,

Remote System: enter the host name of your printer or INTNETADR, which then prompts you to specify the IP address of your printer.

Printer Queue: set to "pr1" through "pr4". The remote printer queue name must be all lower case, entered in single quotes. *Destination Type*: specify "OTHER" for the DESTTYP parameter.

Transform: specify "YES".

Manufacturer Type and Model: select a manufacturer type and model. Select "IBM6400EP" for Epson emulation or "IBM6400" or "IBM42023" for IBM Proprinter.

Internet Address: specify the IP address of the printer.

To Create an Automatic Remote Output Queue

- 1. From the AS/400 command line, enter CRTOUTQ.
- 2. The following example shows only the parameters you need to specify:

Output Queue	OUTQ	
Remote printer queue		
	RMIPRIQ	
Writer to Autostart	AUTOSRTWTR	1
Connection type	CNNTYPE	IP
Destination type	DESTTYP	XAUTOQXAIX
Transform	TRANSFORM	YES
Manufacturer type	MFRTYPMDL	IBM6400EP
Internet Address	INTNETADR	127.000.000.000

where,

Output queue: enter the name of the AS/400 output queue.

Remote System: enter the host name of your printer or INTNETADR, which then prompts you to specify the IP address of your printer.

Remote Printer Queue: set to "pr1" through "pr4". The remote printer queue name must be all lower case, entered in single quotes.

Writer to Autostart. set the value to "1".

Connection Type: specify this value as "IP".

Destination Type: specify "XAUTOQXAIX".

Transform: specify "YES".

Manufacturer Type: select a manufacturer type and model. Select "IBM6400EP" for Epson emulation or "IBM6400PR" or "IBM42023" for IBM Proprinter.

Internet Address: specify the IP address of the printer.

Monitoring Printer & Remote Printer Configuration

The following procedure describes the use of the Internet Browser for monitoring the status of the network printer and for the printer remote configuration. Proceed as follows:

1. To browse the printer web page, enter the *IP Address* as web page address or the Host Name.

The IP Address must correspond with the IP Address set in the INIT IP ADDRESS parameter of the LAN INTERFACE item, see the User Manual included in the Printer Documentation & Driver CD-ROM.

The "Printer Web Page" screen appears:

÷•⇒•◎ ⊉ ఊ ⊗ ≥ ⊗	3 B· 3 D · 3	
(cpg)	Compuprint	de Home Page
	Printer Information	Prov Code unaview 14 TT
	Product name.5P40	base code version. V1.//
	Product Description: Compuprint SP40	NIC Code version: Version 4.04
0	Installed Memory	
· · · · · · · · · · · · · · · · · · ·	Ram: 2 Moytes Flash: 2 Moytes	
	Serial Number:	
	Installed Option(s): No Options	
	Printer Display	
	Printer Configuration	Printer Status Printer Reset Record and Record an
)

This Printer Web Page contains the following types of information about network printers:

Printer Configuration: current printer status that you can configure by remote control.

Printer Status: current ribbon and print head life.

Printer Reset: feature to reboot the printer.

Product support: reference to contact CPG.

You can select the Printer Configuration, Printer Status, Printer Reset and Product support screens to see the corresponding pages described in the following sections.

Printer Configuration

To obtain the Printer Configuration information tables, click on the Printer Configuration button. The following screen appears:

http://sp40lan/ - Microsoft Inte	ernet Explorer		_10
File Edit View Favorites Tool	s Help		
🕂 Back 🔹 🚽 🗠 🥝 🛃 🌀	Search 🗊 Favorites 🞯 Media 🎯 🗳 🇔 🗔	· .	
uddress 🙋 http://sp40lan/			• (r)
inks 🍓 Customize Links 🍓 Free He	stmail 👜 Windows 🚵 Windows Media		
Cpg	Compuprint		Printer Setup
Configuration		Configuration menu	
Program 1	Rugan	BTOF DUZAR	200 tuzar
Program 2	on interface	C double @ sails	beep 💌
Nic secup	niterias tpr automatic 💌	bin financial F He C Bound Cff C Igound Tff	inputtourthir BK
	grow PE C auto G carte	automes agres Causa Causa	Solicita right C divita C marta
System	8600 💌	Part; NONE	TODINE KON C davias C sauta
Home Page	жиланада Сузна €ана	tiop teth	Butter control DTR+SRTS
	Copies yes	Lovnste no 💌	
	Edge date offen	Cetedge quote	Panbook tox swy control 💌
	IBM 3604	Bild sentities	standard 💌
	Dupkas NO		MSR/refty
CRE International - The multi-lashnala	y großer einigany	Submit	
a			🕮 Local intranet

This page contains a series of tables with the corresponding printer set up: For a detailed description of the parameters and values contained in the Configuration and Program1/Program2 Menus refer to the User Manual.

NIC Setup

When pressing the NIC Configuration button the following screen appears :

http://sp40lan/ - Microsoft Int	emet Explorer		
le Edit View Pavorites Too	ls Help		
Back 🔹 🔿 🕆 🙆 🔂 🚮 🔇	🕽 Search 📷 Favorites 🎯 Media 🎯 🖏 - 🎒 🐼 -		
śress 🕘 http://sp40lan/			- 0
s 👸 Customize Links 👹 Free H	iotmail 🗃 Windows 🧃 Windows Media		
6000			
CDS			Printer Setup
-PO			i initial comp
	Compuprint		
Configuration			
Program 1		Nic setup	
Program 2	Hoitnam •	Workgroup man e	MACaddren
Nic setup	SP40LAN	Compuprint	D0066D000EAC
i i	Location	Contact	Passive and provent
	No location	No contact	DHCP -
System	Padaren	Netmaak	Detautgebear,
	10.0.99.21	255.255.0.0	10.0.255.240
Home Page	C and Odders (max/sur)	E wat hide or (under	
	No address	No address	0.0.0
La constante da			
	1 MTP INTVice		
	≪ disable ⊂ enable		
Ĩ			
		SUBMIT	
Unternational The multi bechnolo	arinter kanapara		
			A local intranet

You can now choose the network printer configuration. When the parameters are set as necessary, click on the Submit button at the end of the table.

If a password has already been set in the Security item, to enter the remote printer configuration mode, you need to type the network password.

The User Name is : **root** The default password is : **root**

SYSTEM Setting

Click on the System button. The following page appears:

http://sp40lan/ Microsoft Internet	biplorer	X
Hie Edit View Havoritas Loois Hie	e .	19
tack • → ·) () () () () () ()	h 🕞 Favorites 🛞 Neda 🎯 🖓 - 🎒 🔯 - 🗒	
Address a http://cs40ian/		▼ එග
Links 👩 Custonize Links 🍯 Fee Hotwall	😸 Windows 😸 Windows Media	
Cpg	Compuprint	∸ System Page
Configuration		1
Program 1	,	System menu
Program 2		
Nicsetup		
	FAC	nn 💌
System		
Home Page		Security
Crist Schennelscone - Tage much Lans Longing gener	er en lingen y	
0		Local intranet

You can now choose between loading the default factory setting overwriting the current parameters and setting the security password.

Setting the Security Password

In the System page, click on the Security Settings button. The first time the following screen appears:



Type the User Name (root) and the password (root) and OK button. The following screen appears:

	http://sp40lan/ - Microsoft Internet Explorer	×
tak - + + + + + + + + + + + + + + + + + +	Elle Edit View Fgvorites Iools Help	
	⇔Back • → · 🗿 👔 🚮 🔞 Search 🕞 Favorites ා∰Medio 🎯 🔂 • 🖨 💽 • 🖃	
Is Contract in Windows Windows Mindows Min Mindows Mindows Min	address 🕘 http://sp4Clan	▼ (∂°60
Security Setting Set in theore Corter Buildhause	inks 🜒 Customize Links 🕘 Free Hotmail 🌒 Windows 🌒 Windows Media	
Security Setting satt hursde Cotten Basilianson: Cotten Basilianson: Statumit	Compuprint	Home Page
Softwarden * Termini Methodogy and Metabolicy	Security Setting	
Cortes Rivifousade: """"	Roat in Lewise	
Submit	Contin Boot Disease: [addi	
CPQ Etitionalisme - Teg authi technology private company	Submit	
	CPG International - The multi technology printer company	

It is now possible to indicate a password to protect the setting. Click on the Submit button, the following screen appears:

🔄 http://sp40lan/ - Microsoft Internet Explorer	_ 8 ×
File Edit View Pervortes Tools Help	1
⇔Back - → - ② ≦ ሷ ③Search ⊚Fevorites @Meda ③ ဩ- ⊒ ⊠ - ⊡	
Address 💽 I//(µ://sp40lan	<u> </u>
Links 🍯 Customize Links 🏚 Free Hotnal 🌒 Windows 🌒 Windows Media	
MIB_FASSWORD == 1001 MIB_CONTIRM_PASSWORD == 1001 HTTP11.C 300 GK	<u>×</u>
Warning I Before exitor from the Velo Server acciduator.	
select Printer Reset in the Home page to activate changes.	
	<u>×</u>

Remind you that is necessary to select Reboot printer in the Reset Printer page to save the changes.

FCC Notes

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operations of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

ICES-003/NMB-003 Notes

This Class A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

EEC Regulations

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

This equipment is in compliance with the essential requirements and other relevant provisions of the UE Directives 89/336, 73/23, 92/31, 93/68.