

DocuPrint C1618
Network Print
Environment
User Guide

Preface

Thank you for choosing the DocuPrint C1618.

This manual aims to provide all the information on installing and operating DocuPrint C1618 as a network printer, setting up the environment for printing, as well as notes on safety precautions. To get the most out of your printer, please read the manual carefully and completely before using the machine.

Please take good care of this manual even if you have completed reading it, as you can refer to it again when you have doubts on the operation of the machine.

This manual is written with the assumption that you are familiar with the basics of your computer to be connected, the operating system, the network and the application software. You may also refer to the respective user manuals regarding the operations of these products.

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Using This Guide

Organization

This manual consists of seven chapters. A brief introduction of each chapter is provided below.

Chapter 1 Overview

This chapter introduces the different types of connections when using the printer as a network printer and the network features of the printer.

Chapter 2 Configuring in TCP/IP Environment

This chapter explains the procedures of configuring the printer to use in TCP/IP environment and printing from computers of different operating systems.

Chapter 3 Configuring in SMB Environment

This chapter explains the procedures of configuring the printer to use in SMB (Windows network) environment and printing from computers of different operating systems.

Chapter 4 Configuring in NetWare Environment

This chapter explains the procedures of configuring the printer to use in NetWare environment and printing from Client computers of different operating systems.

Chapter 5 Using CentreWare Internet Services

This chapter explains the ways of using CentreWare Internet Services.

CentreWare Internet Services is a software that enables a user to check the printer status or change the printer settings using a WWW browser from a computer on the network.

Chapter 6 Using E-mail

This chapter explains procedures configuring to exchange e-mail between computers on the network, and to check the printer settings, using e-mail.

Chapter 7 Troubleshooting

This chapter explains the ways of treating problems which arise when setting up the printer as a network printer and when using it.

Appendix

This section contains the following.

- Specification
- CentreWare Simple Status Notification

Conventions

1. In this guide, "computer" refers to personal computer, Macintosh, workstation, and host device.

2. The following icons are used in this guide:



Indicates important information which you should read.



Indicates additional information on operations or features.



Indicates reference sources.

3. The following conventions are used in this guide.

Bold: Indicates what should be selected among buttons or items displayed on menus, windows, or dialog boxes on the computer.

Example: Click **Next**.

Using the PDF File

Use the Adobe Acrobat Reader to display the manual in PDF format.

You can use the command bar at the top of the Adobe Acrobat Reader window to navigate in the PDF document, as well as to magnify or reduce the view.

The following procedures explain how to do all these operations:

- navigating in PDF
- magnifying and reducing the view
- jumping to the required page
- printing

See

Online Help files or manuals related to Adobe Acrobat Reader for details of using the Adobe Acrobat Reader

••• Navigating in the PDF

The following buttons for paging through a PDF document are available at the Command bar:



- | | |
|-------------------------------|---|
| ① To go to the first page. | ⑥ Enabled when ⑤ is clicked.
Click this to return to the page before ⑤ is clicked. |
| ② To go to the previous page. | |
| ③ To go to the next page. | |
| ④ To go to the last page. | |
| ⑤ To go to the previous view. | |

••• Magnifying and Reducing the View

The following buttons for magnifying and reducing the view are available at the Command bar:



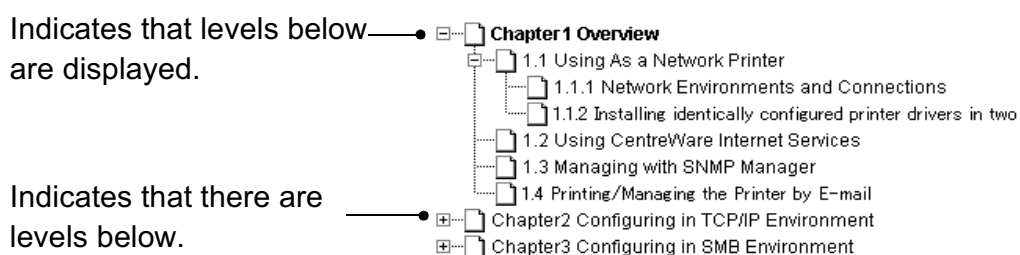
- | | |
|---|--|
| ⑦ When some areas of the page cannot be seen, select this button and then drag the hand tool on the page to move the display area in any desired direction to view all the areas on it. | ⑨ Select this button to display the page in actual size. |
| ⑧ Select this button and then click the page to magnify the view. | ⑩ Select this button to resize the page to fit entirely in the window. |



●●● Jumping to the Required Page

Clicking on the chapter and section titles on the Contents page will enable you to jump to the corresponding page.

There are also bookmarks, found on the left side of the window (select **Show Bookmarks** from the Window menu if the bookmarks are not displayed) where you can click on the bookmark icon or the text in the palette to jump to the corresponding page.

Example of bookmarks:



When the hand tool  is selected on the Command bar, positioning the mouse pointer over a linked area on the page will change it to a pointing finger .

Note

To return from the linked page to the page where the link was clicked, select **5**, from the Command bar.

●●● Printing

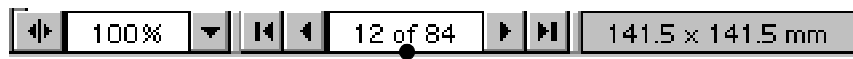
The procedure to print out the PDF document is as follows. The procedure might differ according to the operating system of the computer used. Here, we will use Windows 98 as an example.

Procedure

- 1** From the File menu, select **Print**.
The Print dialog box is displayed.
- 2** Click **Properties**.
- 3** Select **A4** for paper size at the Properties dialog box and then click **OK**.
- 4** Set Print Range at the Print dialog box and then click **OK**.
The printing begins.

Note

When printing only some pages of the manual, specify Print Range. You can check the page number of the manual on the bottom left and right side of the page, or at the lower portion of the Adobe Acrobat Reader window (see example below).



Page number of the displayed page and the total number of pages

Chapter

1

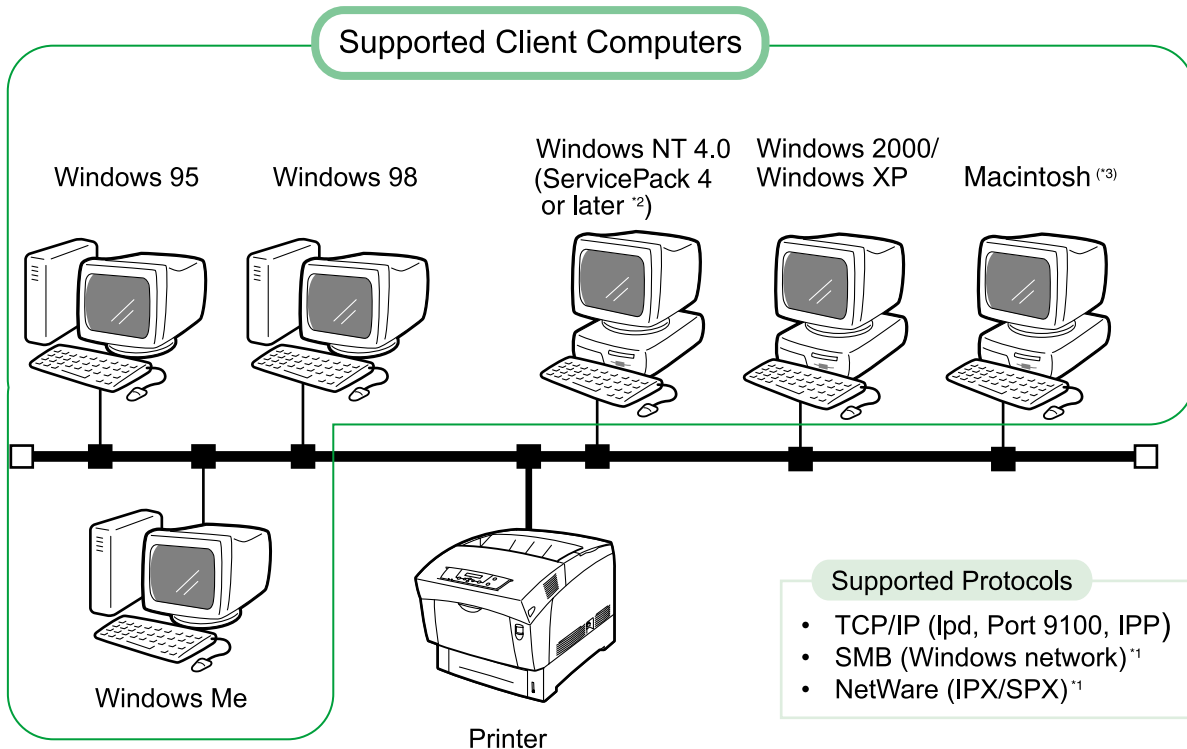
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1.1

Using As a Network Printer

DocuPrint C1618 can be connected to a network to be used as a network printer. DocuPrint C1618 supports multiple protocols (multi-protocol) and multiple client computers (multi-client), as shown in the diagram below. As such, one DocuPrint C1618 can be shared even in a network environment with multiple protocols.



(*)1) To use the printer in these environments, an optional network expansion card is required.

(*)2) This printer driver does not work with Windows NT 4.0 ServicePack 3 or earlier.

(*)3) To use this printer in Macintosh environment, a PostScript3 Kit and an optional network expansion card are required. For details on how to use the printer in Macintosh environment, refer to the User Guide (PostScript3 kit).

This manual explains the installation procedures for using DocuPrint C1618 (to be called "the printer") as a network printer.

The installation procedures differ according to the operating system (OS) of the computer and the network environment used. Refer to "1.1.1 Network Environments and Connections" to install the printer efficiently.

LOOK

- Usable environments vary according to printer model and types of options installed. Before installing, make sure that the printer can be used in your environment by checking the manual included with the printer.
- This manual assumes that the printer has already been connected to a network. If the printer is not connected to a network, connect first referring refer to User Guide.

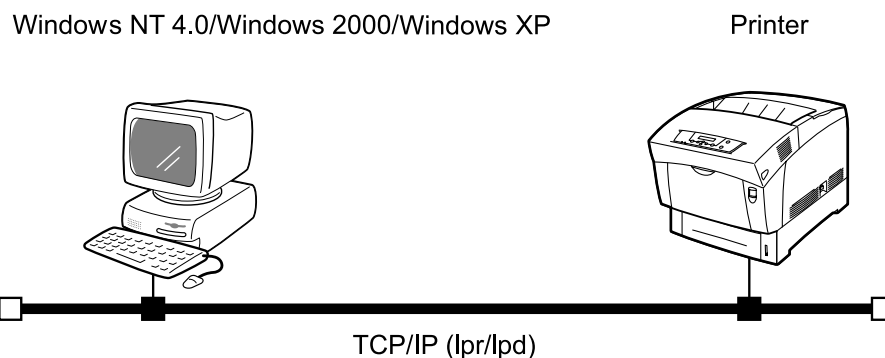
1.1.1 Network Environments and Connections

The network environments that can be used for the printer are listed based on types of protocol as follows:

●●● TCP/IP (Windows NT 4.0/Windows 2000/Windows XP)

As the printer supports TCP/IP (lpr) protocol, it can directly transmit and print by lpr, from a Windows NT 4.0/Windows 2000/Windows XP computer. In this case, it is necessary to specify the IP address for the printer and the Windows NT 4.0/Windows 2000/Windows XP computer.

It is also possible to share a printer, set up on the Windows NT 4.0/Windows 2000/Windows XP computer, over the network, and use it as a network server. For environments with a network server, you can also print through the server from machines like Windows 95, Windows 98 or Windows Millennium Edition which cannot directly send print data on the network.



The following printing can also be done on Windows 2000/Windows XP

- As the printer supports Port 9100, you can directly send print data to the specified port to print.
- As the printer supports IPP, you can assign the URL of the printer as the printer port to do internet printing.



"Chapter 2 Configuring in TCP/IP Environment" for the installation procedure

●●● TCP/IP (Windows 95/Windows 98/Windows Me)

To print from Windows 95/Windows 98 or Windows Me without going through Windows NT 4.0/Windows 2000/Windows XP in a TCP/IP environment, use TCP/IP Direct Print Utility.

TCP/IP Direct Print Utility is a software program for directly transmitting and printing print data from a computer to a printer on the network without going through a server.

In this case, you need to set the IP address of the printer and the Windows 95, Windows 98, or Windows Me computer.

Also, TCP/IP Direct Print Utility protocol works with LPD and Port 9100.

Windows 95/Windows 98/Windows Me with
TCP/IP Direct Print Utility installed *

Printer



Using Windows Me supporting IPP, you can also print as follows.

Since the printer supports IPP, you can print by specifying the URL of the printer and sending data to it through the Internet.

See

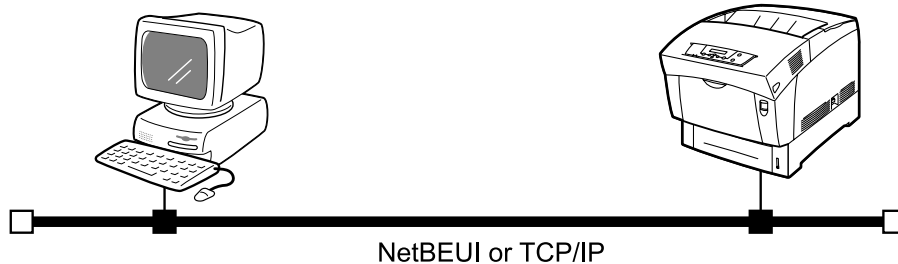
"Chapter 2 Configuring in TCP/IP Environment" for the installation procedure

●●● SMB (Windows Network)

Server Message Block (SMB) is a protocol for sharing files or printers over the network on Windows computers. Like lpr (for Windows NT4.0/Windows 2000/Windows XP) or TCP/IP Direct Print Utility (for Windows 95/Windows 98/Windows Me), a server is not needed when you use SMB protocol. Print data can be sent and printed directly. You can use NetBEUI or TCP/IP as the transport protocol for SMB.

Windows 95/Windows 98/ Windows Me
Windows NT 4.0/Windows 2000/Windows XP *

Printer



(*) The NetBEUI protocol cannot be used on Windows XP.

See

"Chaper 3 Configuring in SMB Environment" for the installation procedure

Note

An Optional network expansion card is required to use the printer in SMB environment.

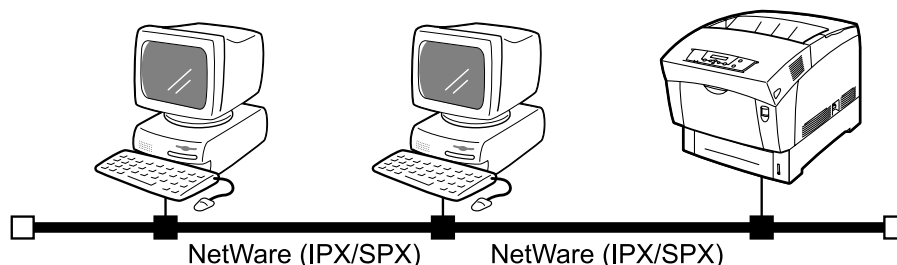
●●● NetWare®

As the printer supports IPX/SPX protocol, you can print from a NetWare-client computer in an environment using Novell NetWare as the network OS.

NetWare client

NetWare server

Printer



See

"Chaper 4 Configuring in NetWare Environment" for the installation procedure

Note

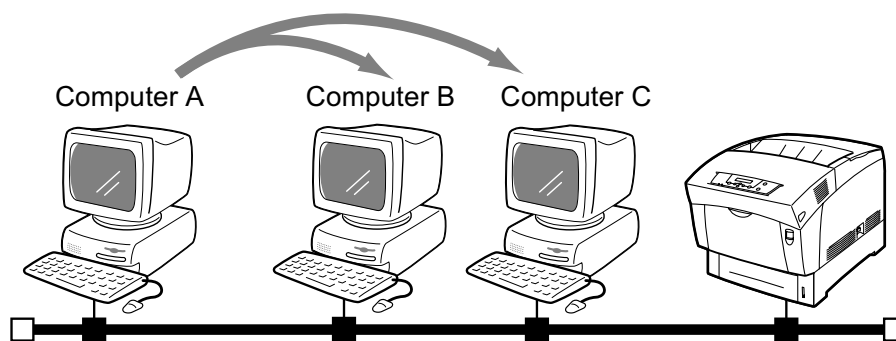
An Optional network expansion card is required to use the printer in Netware environment.

1.1.2 Installing identically configured printer drivers in two or more computers with identical operating systems on the network

If the printer driver is to be installed in two or more computers, we recommend you to install the printer driver in the first computer and then create a "setup disk".

When the setup disk has been successfully created, identically configured printer drivers can be installed in the second and other computers simply by executing the setup.exe command in the setup disk.

Installation using the setup disk created on computer A



Note

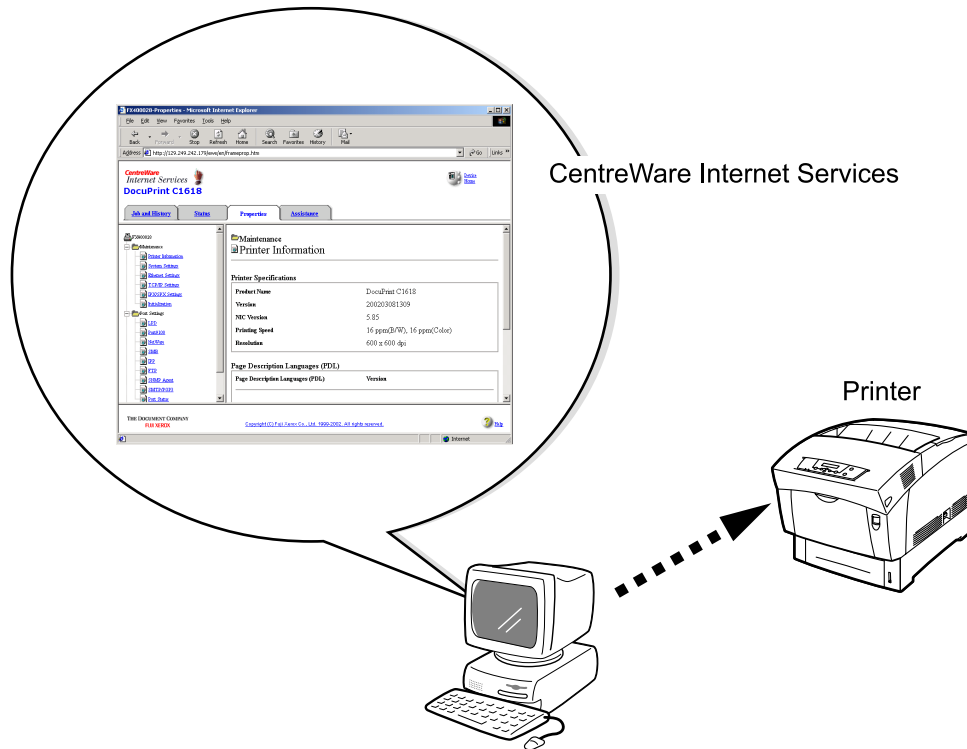
- The "Setup Disk" cannot be used on computers, of which the operating system is different from that under which this disk was produced.
- When the printer driver was installed with the setting for Internet printing with IPP, the "Setup Disk" cannot be produced.

See

For information on how to create a setup disk and how to use it to install the printer driver, refer to the CD-ROM manual that comes with the product.

1.2 Using CentreWare Internet Services

If DocuPrint C1618 has been installed in TCP/IP environment, you can use a WWW browser from a computer on the network to check the printer status or specify various printer settings. This feature is known as Centreware Internet Services.



See

"Chapter 5 Using CentreWare Internet Services" for information on CentreWare Internet Services

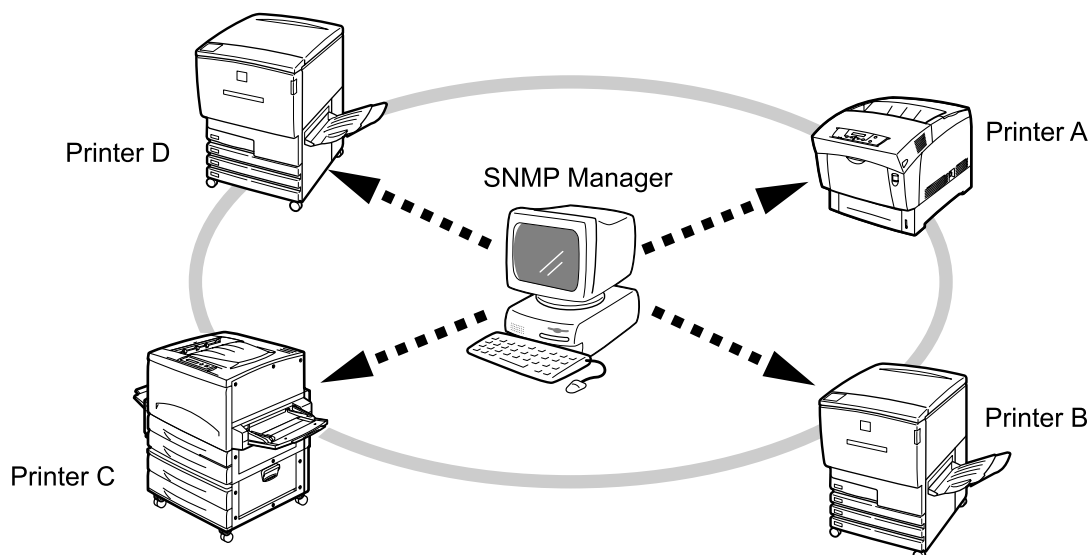
SNMP agents for TCP/IP and NetWare environments are available in DocuPrint C1618. As such, the printer, together with other printers, can be managed by various types of SNMP managers.

When using the SNMP agents, it is necessary to activate on the printer, the corresponding protocol for the different network environment:

- SNMP UDP/IP protocol for TCP/IP environment
- SNMP IPX protocol for NetWare environment

The factory setting of each protocol is set as Enabled. Refer to the explanation below to specify the setting only when it has been changed to Disabled.

You can also use the CentreWare Internet Services to specify other settings like community name, whether or not to have trap notification, and the destination of the trap notification etc.



See

Refer to the following sections to activate the different protocols:

- "2.2.2 Activating the Protocol" for TCP/IP environment
- "4.2.1 Activating the Protocol" for NetWare environment

See

"2.3 Configuring CentreWare Internet Services" and "Chapter 5 Using CentreWare Internet Services" for information on setting SNMP environment using CentreWare Internet Services

In addition, use the features of the SNMP agent to set CentreWare Simple Status Notification tool that checks printer status on the Windows network computer. This icon enables you to check the printer status from the dialog box or from the icon displayed on the desktop of the computer.



See

"Appendix B CentreWare Simple Status Notification" for details of using CentreWare Simple Status Notification.

1.4

Printing/Managing the Printer by E-mail

When the printer is installed on a TCP/IP system, you can use a network computer to transfer information to and from the printer by e-mail.

••• Managing the Printer (Status Messenger)

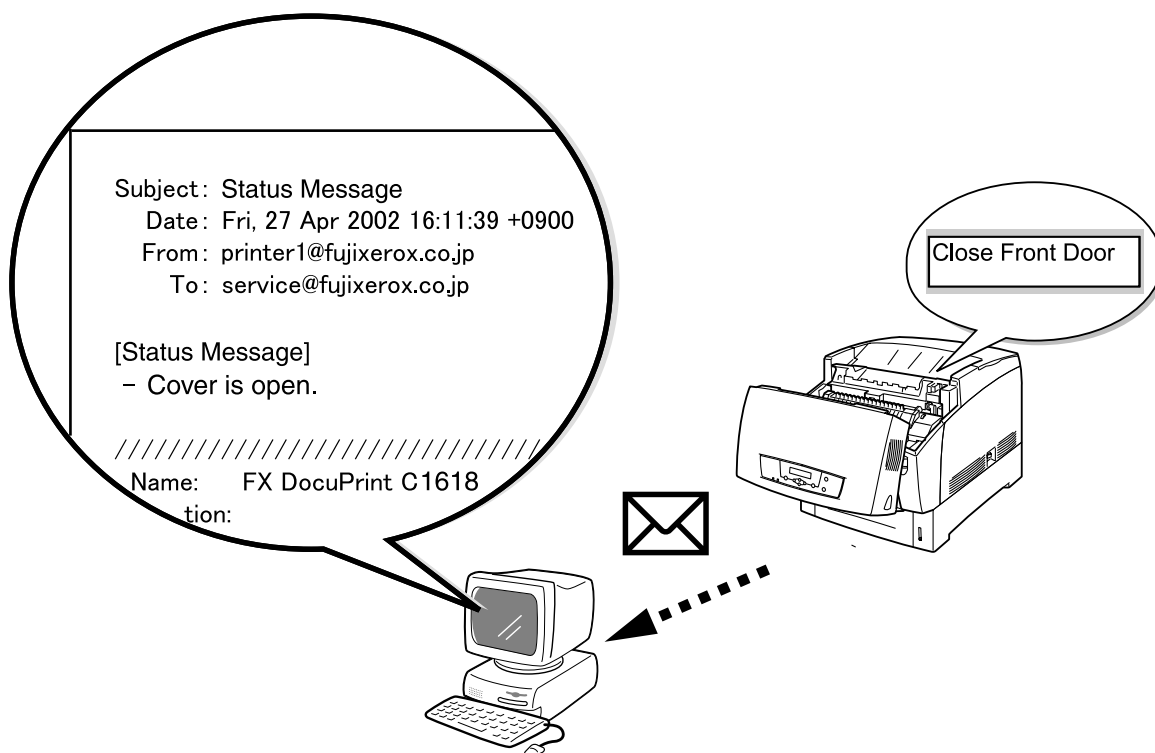
- When you use e-mail to inquire about the printer status, the printer sends a reply.
- The printer sends e-mail notices to your computer when errors occur.

••• Printing (E-mail Printing)

The printer execute printing message body of e-mail or attached file (PDF documents or text files) when you send e-mail.

See

For information, refer to "Chaper 6 Using E-mail".



This manual explains the configuration for using e-mail and how to inquire about the printer status.

For details on how to print by sending e-mail, refer to the manual attached to the printer.

Chapter

2

Configuring in TCP/IP Environment

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2.1 Using in TCP/IP Environment

This chapter explains the procedures of configuring DocuPrint C1618 to use in TCP/IP environment and print from Windows NT 4.0/Windows 2000/Windows XP/Windows 95/Windows 98/Windows Me.

2.1.1 Interface

The following frame type is supported:

- Ethernet II

2.1.2 Overview of the Configuration

The overview of the configuration process is as follows:

Begin



Configuring the Printer

- Set IP address



"2.2.1 Setting IP Address", and the manual attached to the printer, for details about procedures.

- Activate protocol (Not needed when setting up printer for the first time)



"2.2.2 Activating the Protocol", and the manual attached to the printer, for details about procedures.

- Check settings (printing Printer Settings)



"2.2.3 Checking the Settings (printing Printer Settings)"

- Set WINS/SNMP environment and lpd, Port 9100, IPP (Only when necessary)



"2.3 Configuring CentreWare Internet Services"

Configuring the Computer

- **Windows NT 4.0/Windows 2000/Windows XP**

- Install printer driver



"2.4 Configuring Windows NT 4.0/Windows 2000/Windows XP"

- Only when using as network server

A small icon consisting of a rectangle with the word "See" inside, indicating a reference to another section.

"2.4.5 Using As a Network Server"

- **Windows 95/Windows 98/Windows Me**
- Install printer driver

A small icon consisting of a rectangle with the word "See" inside, indicating a reference to another section.

"2.5 "Chapter (TCP/IP Direct Print Utility)"



End

2.2 Configuring the Printer

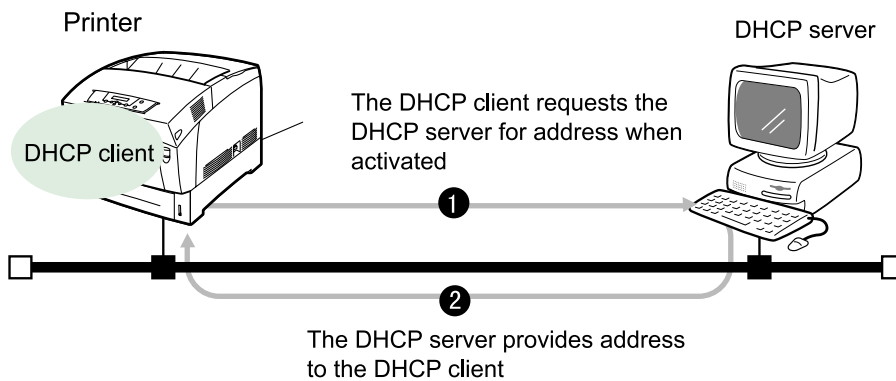
This section describes the setting of IP address and activating the protocol to be used on the printer.

2.2.1 Setting IP Address

To use the printer in TCP/IP environment, it is necessary to set the following items on the printer:

- IP address
- subnet mask
- gateway address

If the printer is connected to a network with a DHCP server, these items can be obtained automatically from the DHCP server when the printer is switched on.



If you do not have a DHCP server, set the address assigned by the administrator, using the control panel.

Decide on whether to obtain the IP address from the DHCP server or to set it at the control panel, before proceeding with the corresponding procedure.

If you want to use the printer under the DHCP protocol, you have to check its IP address on a regular basis, because the address may be changed occasionally.

Also, if the DHCP is used in the Wins environment, an optional network expansion card is required.

Note

Dynamic Host Configuration Protocol (DHCP) is a protocol which automatically assigns IP address from the DHCP server to the DHCP client. Check with your network administrator on whether the printer is connected to a network with DHCP environment.

●●● Obtaining IP Address from the DHCP Server

To obtain the IP address using the control panel, set Setup IP Address as DHCP. The factory setting of Setup IP Address is set to DHCP. Carry out the following procedure only when the setting has been changed.



For details about how to make the settings, refer to the printer's user's guide.

●●● Setting IP Address at the Control Panel

After using the control panel to specify Setup IP Address as Panel, specify other settings like the IP address, subnet mask and gateway address.



The IP address is controlled by the whole network system. If a wrong IP address is set, the whole network might be affected. Confirm the IP address assigned to you with the network administrator.



For details about how to make the settings, refer to the printer's user's guide.

2.2.2 Activating the Protocol



The factory setting of each protocol is set as Enabled. The following procedure is not necessary when you are setting up the network for the first time using a new printer.

To print in TCP/IP environment, set all the protocols to be used from the following:

- LPD
- Port 9100 (available with Windows 95/98/Me/2000/XP)
- IPP (available with Windows Me/2000/XP)

To start the SNMP agent feature in TCP/IP environment, set SNMP UDP/IP for Protocol.



For details about how to start the protocol, refer to the printer's user's guide.

2.2.3 Checking the Settings (printing Printer Settings)

Print the list below to check the printer's configuration.




The contents of the printer configuration list differ according to the printer model and the options installed. For details about how to print the printer configuration list, refer to the printer's user's guide.

Printer Settings (Example)

Check the  portions.

Check the IP address.

DocuPrint C1618



Printer Settings

General

Total Number of Prints	24sheets
Drum Counter	2counts
Memory Capacity	192M byte
Printer Language	PCL6:200203071447
Number of Fonts Available	For PCL6 Roman:80fonts
F/W Version	200203081309
Boot Version	200202081135
IOT Version	1.6.2(1.6.3)
DACS Version	200107161307
PDF Version	200203071443

Network

F/W Version	5.85
Ethernet Address	00:80:77:40:00:28
Ethernet Settings	10Base-T Half(Auto)
TCP/IP Settings	Panel
IP Address	129.249.242.179
Subnet Mask Address	255.255.255.0
Gateway Address	129.249.242.254
IPX/SPX Settings	
IPX Frame Type	ETHERNET-II (AUTO)
Network Address	00067015:008077400028
Protocol	LPD,Port9100,IPP SMB,NetWare® FTP,SNMP SMTP/POP3 Internet Services
IP Filter	Off

Printer Options

Extra Network Card	On
Paper Tray	Tray1,2,3,Bypass Tray
Option Tray Module	2-Tray Module
Hard Disk	On
Contents Bridge Enhance Kit	Off

Parallel

ECP	Enabled
-----	---------

LPD

Port Status	Enabled
-------------	---------

Port9100

Port Status	Enabled
-------------	---------

IPP

Port Status	Enabled
-------------	---------

SMB

Port Status	Enabled
TCP/IP	Enabled
NetBEUI	Enabled
Host Name	FX400028
Work Group Name	WORKGROUP

NetWare®

Port Status	Enabled
Active Mode	DS-PServer Mode
Device Name	FX400028
Tree Name	
Context Name	

FTP

Port Status	Disabled
-------------	----------

SNMP

Port Status	Enabled
UDP/IP	Enabled
IPX	Enabled

SMTP/POP3

Port Status	Disabled
-------------	----------

Internet Services

Port Status	Enabled
-------------	---------

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FUJI XEROX

Check the port status to be used

CentreWare Internet Services is a software that enables users to display the printer status or change the printer settings using a WWW browser from a computer on the network (instead of using the control panel).

The following items cannot be set at the control panel. Change these items using the CentreWare Internet Services.

Note

Displayed contents and items can be set using CentreWare Internet Services vary with models or optional device equipped.

When using Windows Internet Name Service (WINS)

- Get WINS address from DHCP server (Factory setting: enabled)
- WINS Primary Server (Factory setting: 0.0.0.0)
- WINS Secondary Server (Factory setting: 0.0.0.0)

Note

These items are displayed only when the optional network expansion card is equipped.

When the SNMP Agent is activated

- Community Name (Read/Write) (Factory setting: Nil)
- Community Name (Trap) (Factory setting: Nil)
- Trap Notification (IP) (Factory setting: the Notify check box is unchecked)
- Trap Notification (IPX) (Factory setting: the Notify check box is unchecked)
- Authenticate Error Trap (Factory setting: the Notify check box is unchecked)

When using LPD

- Time-Out (Factory setting: 16 seconds)
- Transport Protocol - TCP/IP
- IP Filter (Factory setting: Disabled)

When using Port 9100 (only on Windows 95/98/Me/2000/XP)

- Port Number (Factory setting: 9100)
- Time-Out (Factory setting: 16 seconds)
- Transport Protocol - TCP/IP
- IP Filter (Factory setting: Disabled)

When using IPP (only on Windows Me/2000/XP)

- Connect Time-Out (Factory setting: 60 seconds)
- Transport Protocol - TCP/IP
- IP Filter (Factory setting: Disabled)

Note

- After using the control panel or the DHCP server to set the IP address as mentioned in the previous section, you can even use the CentreWare Internet Services to change the IP address setup or activate the various addresses and protocols.
- CentreWare Internet Services allow you to configure the SMTP/POP3 required for managing the printer by mail.
For information about the SMTP/POP3, see "Chapter 6 Using E-mail".

The factory setting of CentreWare Internet Services is in administrator mode. As such, you will need the administrator name and password to change settings.

LOOK

The factory settings of the administrator name and password are listed below. For better security management, change the settings as early as possible. Use the CentreWare Internet Services to make these changes.

- administrator name: **admin**
- password: **admin**

This section explains the procedures for changing the settings of WINS and SNMP agent, as well as lpd, Port 9100 and IPP using CentreWare Internet Services.

See

"Chapter 5 Using CentreWare Internet Services" for details on CentreWare Internet Services.

●●● Activating CentreWare Internet Services

Procedure

1 Switch on the computer and activate the WWW browser.

This section explains procedures using Microsoft Internet Explorer 5.5 on Windows 98 as an example.

LOOK

To ensure that CentreWare Internet Services is working correctly, you need to change the following settings of the browser.

And if the CentreWare Internet Services is not connected properly, check the settings given below:

- Set **Check for newer versions of stored pages** to **Every visit to the page** or **Every time you start Internet Explorer**.

2 Enter the IP address or the URL of the printer in the address column of the browser.

Note

If you do not know the printer IP address, print out the Printer Settings List to check. Refer to the Printer's User's Manual for information on printing the Printer Settings List.

Note

If the network is using Domain Name System (DNS) and the printer host name is registered in the DNS name server, you can use the internet address which has both host and domain name to access the printer.

DNS allows you to obtain the IP address from the host name via the internet. Check with your network administrator on whether DNS is used on the network and the internet address of the printer.

If a proxy server is used, the "CentreWare Internet Services" screen may not be shown even if you enter an IP address. In such a case, refer to "Chapter 6. Using CentreWare Internet Services" to make a setting for direct connection bypassing the proxy server.

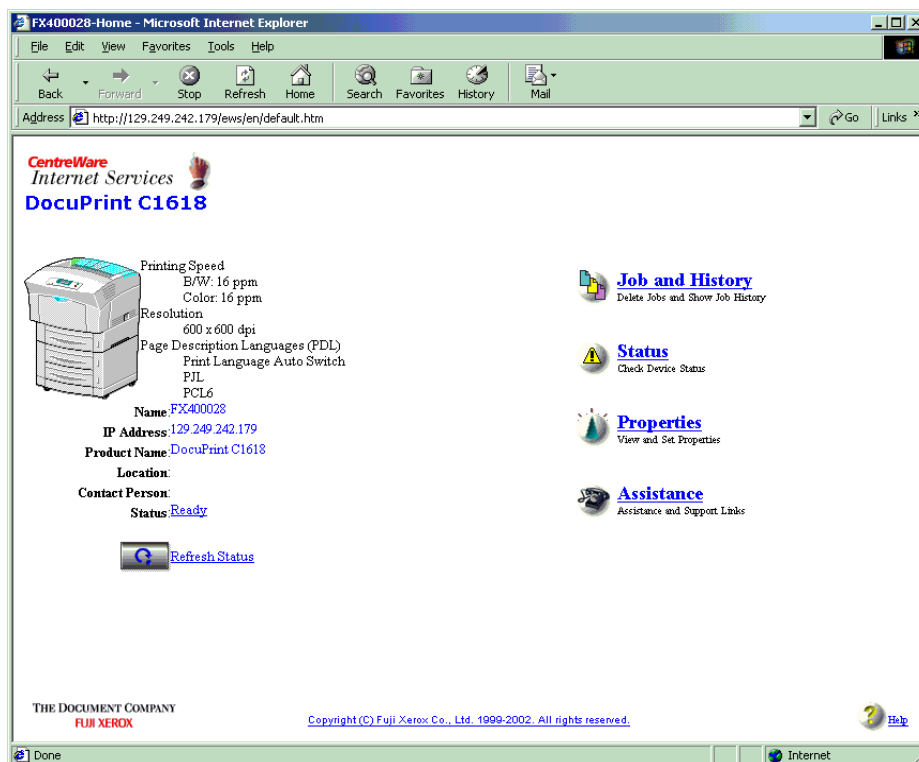
Example: For IP address, "129.249.242.179", enter "http://129.249.242.179/".



Example: For internet address, "dpc.aaa.bbb.fujixerox.co.jp" (host name: dpc; domain name: aaa.bbb.fujixerox.co.jp), enter, "http://dpc.aaa.bbb.fujixerox.co.jp/".



- 3 Press **Enter** on the keyboard.
The screen of CentreWare Internet Services is displayed.
- 4 To set each settings, click **Properties**.



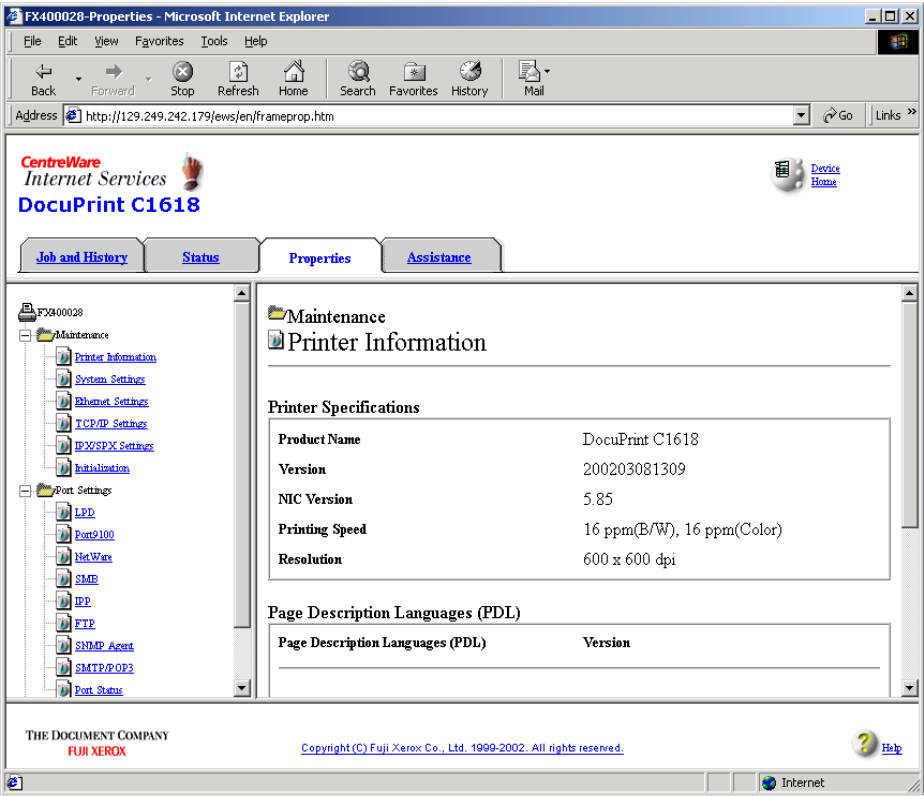
●●● Changing Settings

Changing WINS (TCP/IP) Settings

Procedure

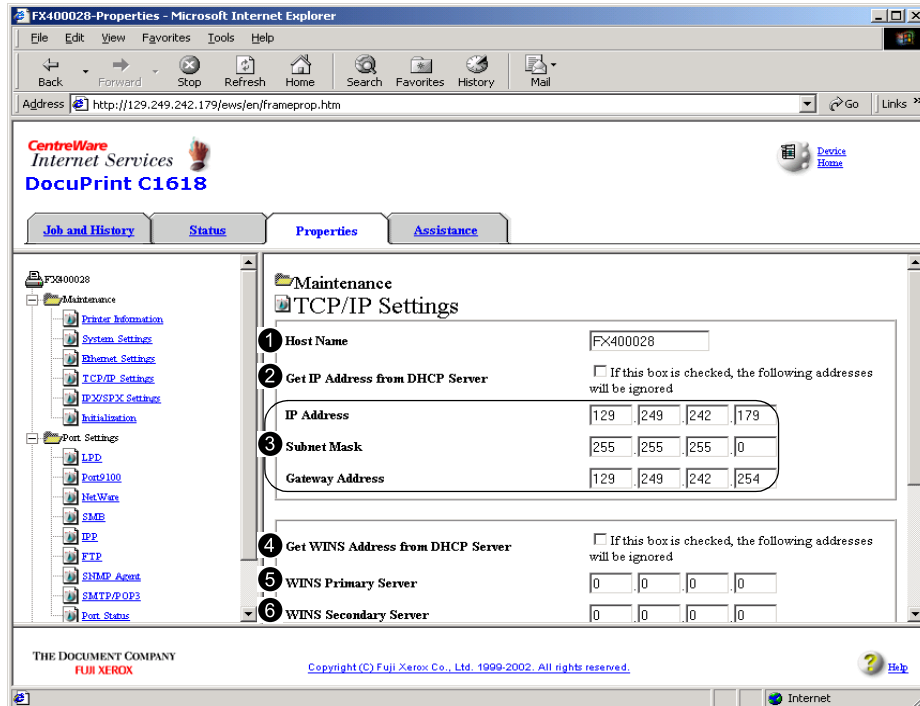
- 1 In the left frame of the window, click **TCP/IP Settings** of Maintenance.

Note
If TCP/IP Settings is not displayed, click the "+" sign on the left of Maintenance to display it.



When TCP/IP Settings is clicked, the TCP/IP settings will be displayed in the right frame.

2 If necessary, change the items displayed in the right frame.



Item	Remarks
① Host Name	Specify the host name. The factory setting is FXnnnnnn ("nnnnnn" is the last six digits of the MAC address set for the network card of the printer).
② Get IP Address from DHCP Server	Check the check box, only when you want to obtain the IP address from the DHCP server. Uncheck the check box when there is no DHCP server on the network or when the server is not being used.
③ IP Address, Subnet Mask, Gateway Address	The currently set addresses are displayed. When DHCP environment is not used, you can change the addresses here.
④ Get WINS Address from DHCP Server	Check the check box, only when there is a WINS server on the network and you want to obtain its IP address from the DHCP server. (Refer to the Note below for information on WINS)
⑤ WINS Primary Server	Enter the IP address of the WINS server when the WINS address is not obtained from the DHCP server. When WINS is not used, enter "0.0.0.0".
⑥ WINS Secondary Server	Enter the IP address of another WINS server when the WINS address is not obtained from the DHCP server and there are at least two WINS servers. If this has been entered and the primary WINS server does not work, this server can be used as the WINS server. When WINS is not used, enter "0.0.0.0".

Note

WINS (Windows Internet Name Services) is used to obtain the IP address from the computer name in TCP/IP environment. The WINS server has the mapping information of the computer name and IP address, and when requested by the client, it will provide the IP address corresponding to the computer name. Check with your network administrator on whether WINS is used on the network and the IP address of the WINS server.

When you have finished the settings, proceed to *"Applying the New Settings"* (p.31).

Changing SNMP Agent Settings

Procedure

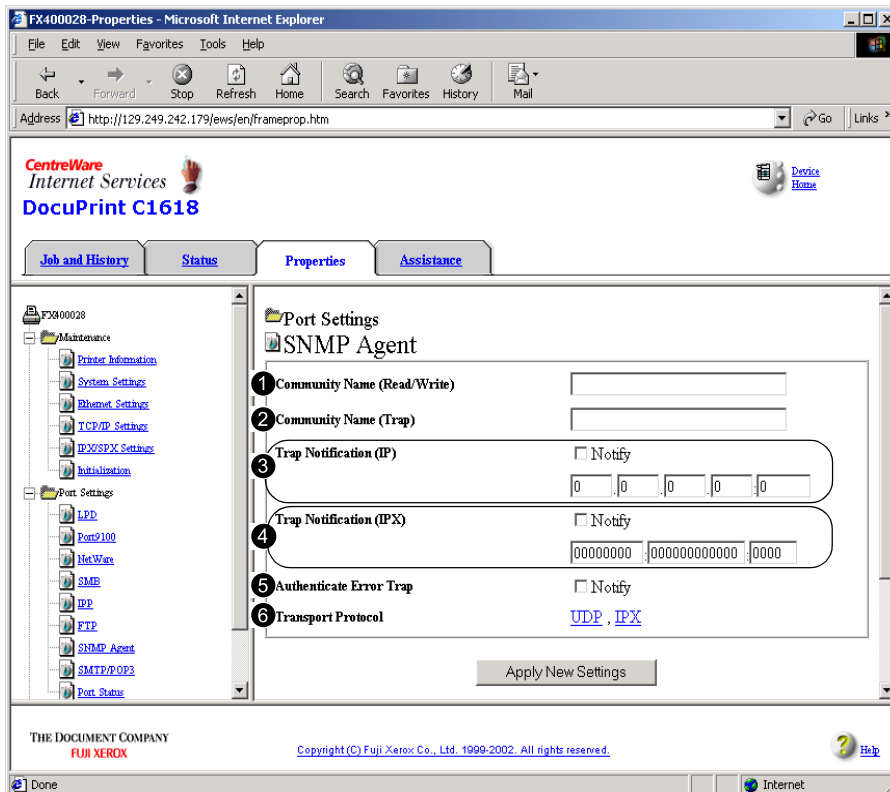
- 1 In the left frame of the window, click **SNMP Agent** of Port Settings.

Note

If SNMP Agent is not displayed, click the "+" sign on the left of Port Settings to display it.

The settings of SNMP Agent will be displayed in the right frame.

2 If necessary, change the items displayed in the right frame.



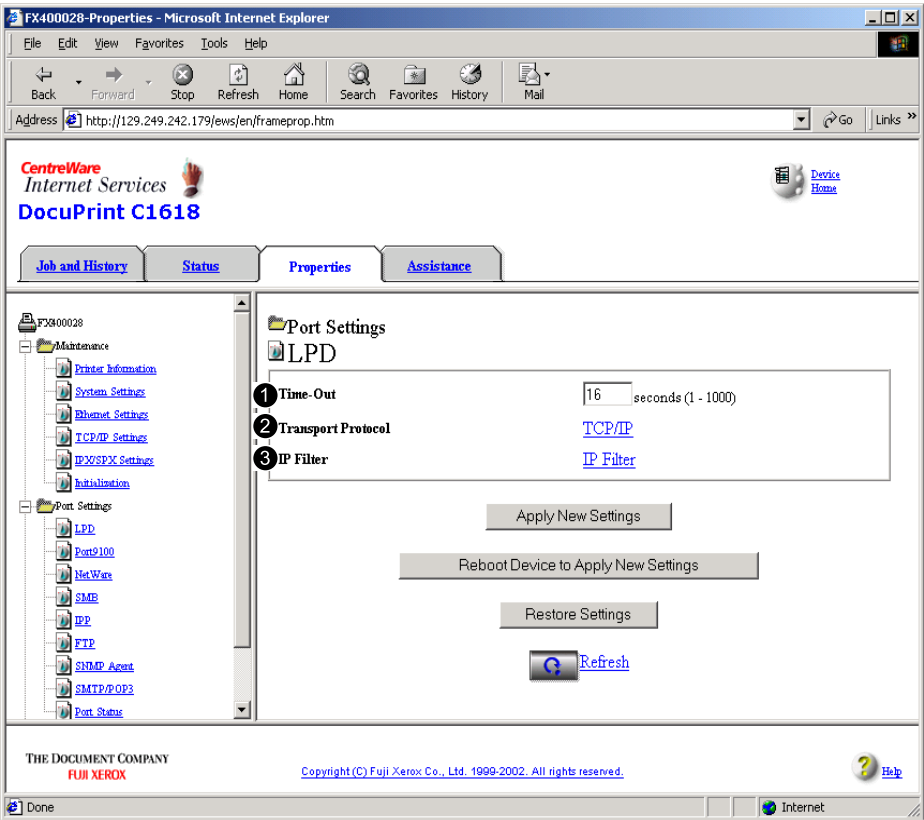
Item	Remarks
① Community Name (Read/Write)	Enter the community name used for Read/Write. Only one-byte characters and alphanumeric characters can be entered.
② Community Name (Trap)	Enter the community name used for trap. Only one-byte characters and alphanumeric characters can be entered.
③ Trap Notification (IP)	Check the Notify check box to notify trap occurrences when activating SNMP agent in TCP/IP environment. If the check box is checked, enter the IP address of the destination.
④ Trap Notification (IPX)	Check the Notify check box to notify trap occurrences when activating SNMP agent in NetWare environment. If the check box is checked, enter the address of the destination.
⑤ Authenticate Error Trap	Select the Notify check box to notify the Authenticate error trap occurrences.
⑥ Transport Protocol-UDP, IPX	Click to change the transport protocol. Click UDP to display TCP/IP Settings in Maintenance or click IPX to display IPX/SPX Settings in Maintenance.

When you have finished the settings, proceed to "Applying the New Settings" (p.31).

Changing Ipd Settings

Procedure

- 1
- In the left frame of the window, click **LPD** of Port Settings.
- Note
- If LPD is not displayed, click the "+" sign on the left of Port Settings to display it.
- The settings of LPD will be displayed in the right frame.
- 2
- If necessary, change the items displayed in the right frame.



Item	Remarks
① Time-Out	Use the default value (16 seconds). Do not change the setting for normal operation.
② Transport Protocol-TCP/IP	Click this to change the TCP/IP settings. TCP/IP Settings in Maintenance is displayed. <div>See</div> "Changing WINS (TCP/IP) Settings" (p.21) for details of changing the TCP/IP settings.

Item	Remarks
③ IP Filter	Click this to set the IP Filter. IP Filter is displayed. See "IP Filter Settings" (p.29) for details of setting the IP Filter.

When you have finished the settings, proceed to "Applying the New Settings" (p.31).

Changing Port 9100 Settings

Note

Port 9100 is only available on Windows 95/98/Me/2000.

Procedure

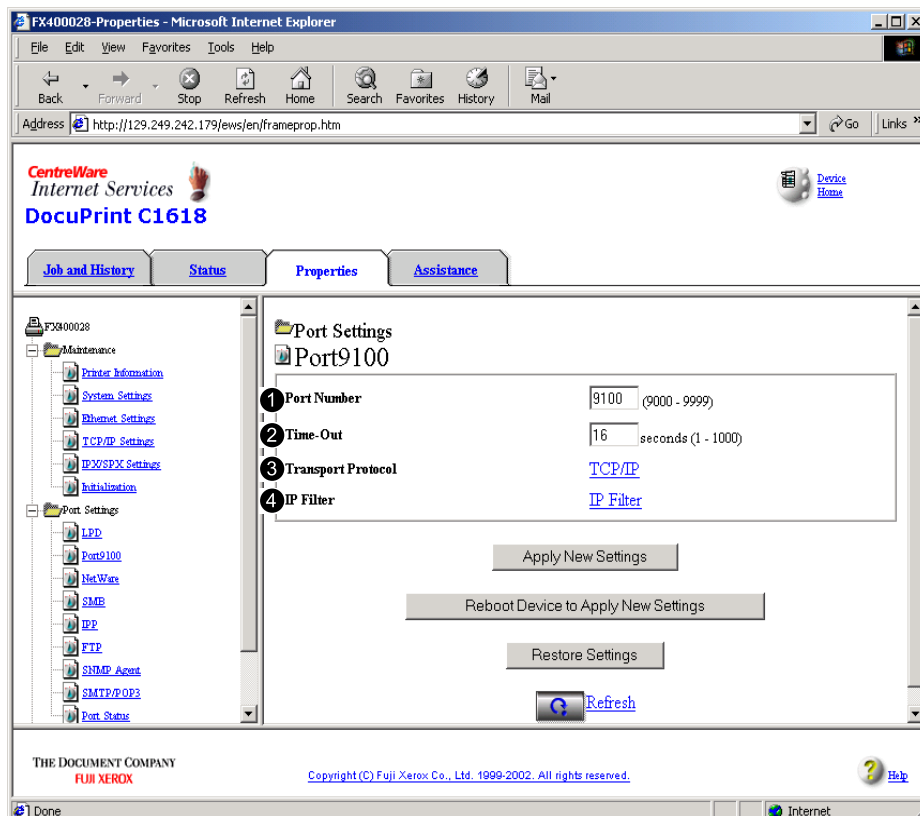
- 1 In the left frame of the window, click **Port9100** of Port Settings.



Note

If Port9100 is not displayed, click the "+" sign on the left of Port Settings to display it.

The settings of Port 9100 will be displayed in the right frame.

- 2 If necessary, change the items displayed in the right frame.



Item	Remarks
① Port Number	Set the Port Number in the range of 9000 - 9999. The default value is 9100.
② Time-Out	Use the default value (16 seconds). Do not change the setting for normal operation.
③ Transport Protocol-TCP/IP	Click this to change the TCP/IP settings. TCP/IP Settings in Maintenance is displayed.  "Changing WINS (TCP/IP) Settings" (p.21) for details of changing the TCP/IP settings.
④ IP Filter	Click this to set the IP Filter. IP Filter is displayed.  "IP Filter Settings" (p.29) for details of setting the IP Filter.

When you have finished the settings, proceed to *"Applying the New Settings"* (p.31).

Changing IPP Settings

Note

IPP is only available on Windows Me/2000/XP.

Procedure

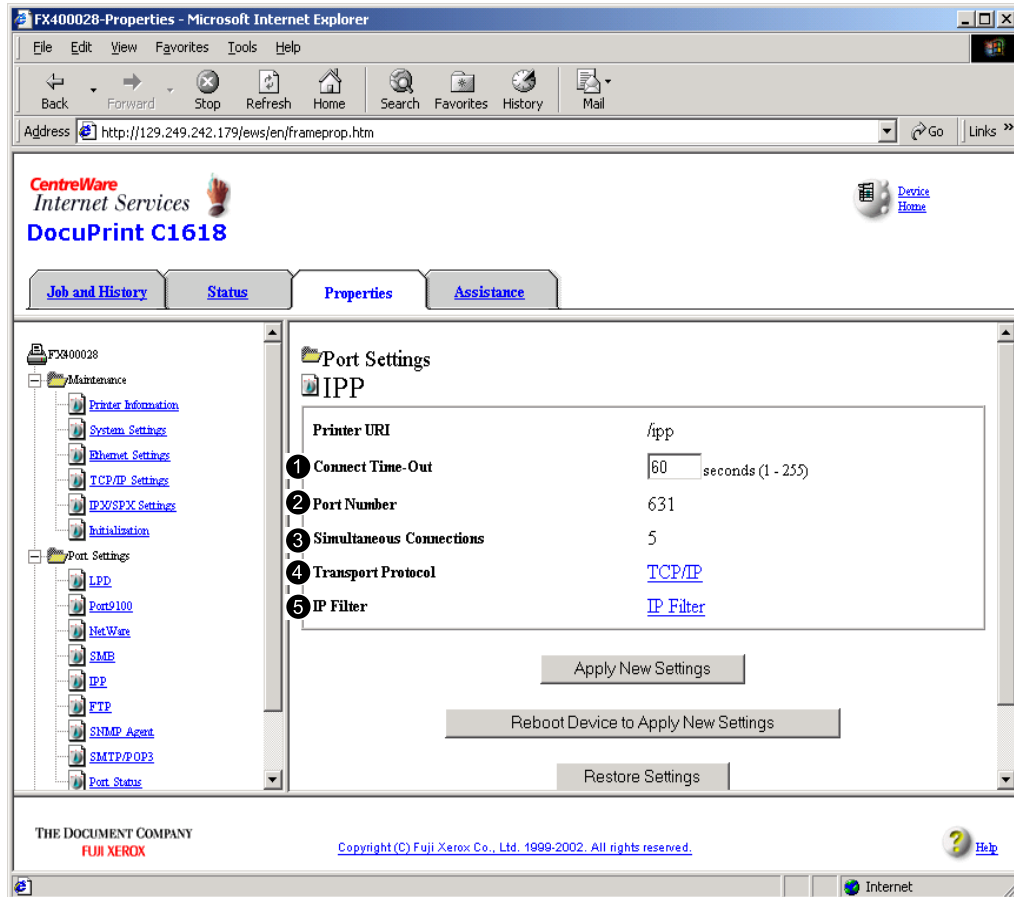
- 1 In the left frame of the window, click IPP of Port Settings.

Note

If IPP is not displayed, click the "+" sign on the left of Port Settings to display it.

The settings of IPP will be displayed in the right frame.

2 If necessary, change the items displayed in the right frame.



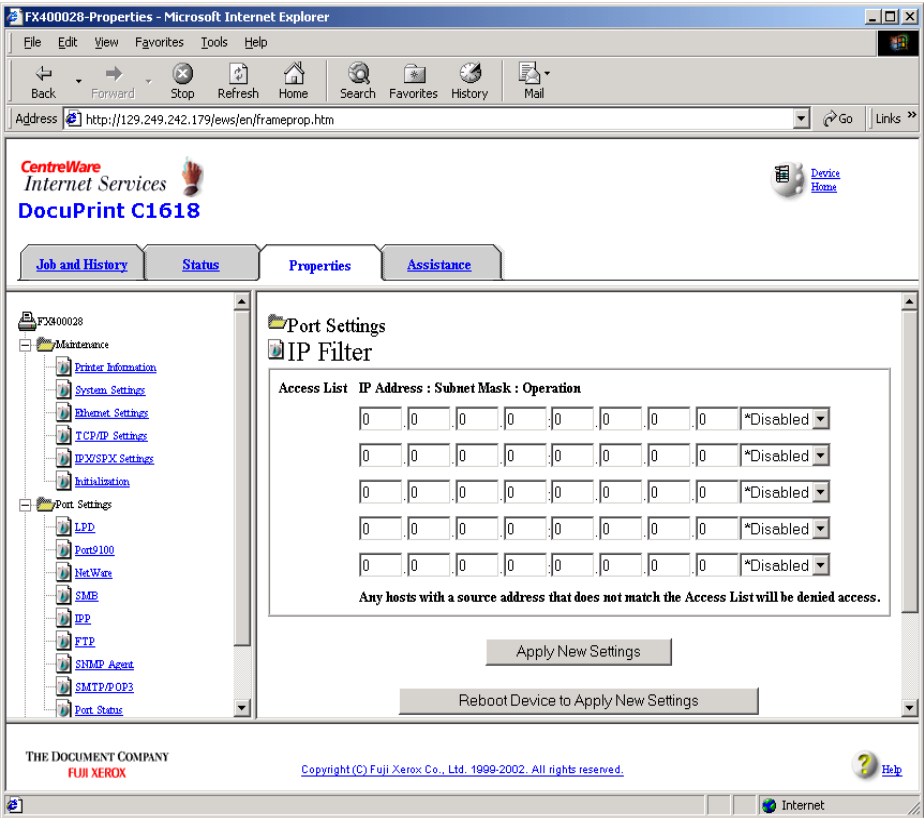
Item	Remarks
① Connect TimeOut	Set timeout in the range of 1-255 seconds. The default value is 60 seconds.
② Port Number	The port number is displayed. The port number is fixed at "631".
③ Simultaneous Connections	This represents the maximum number of possible simultaneous connections. It is set at 5.
④ Transport Protocol-TCP/IP	Click this to change the TCP/IP settings. TCP/IP Settings in Maintenance is displayed. See "Changing WINS (TCP/IP) Settings" (p.21) for details of changing the TCP/IP settings.
⑤ IP Filter	Click this to set the IP Filter. IP Filter is displayed. See "IP Filter Settings" (p.29) for details of setting the IP Filter

When you have finished the settings, proceed to *"Applying the New Settings"* (p.31).

IP Filter Settings

To set IP address and subnet mask for the IP Filter, enter a value between 0 - 255 and select the type of access (Permit, Disabled, Reject). A " * " is attached to the current set value.

You can set a maximum of five items and the first setting takes the first priority. When setting multiple IP filters, start from the address that has the narrowest coverage. Refer to the next page for the setting examples.



Examples of IP Filter Settings:

Example 1: Permit printing from a specific user. (IP address: 192.168.100.10)

Access List	IP Address	Subnet Mask	Operation						
	192	168	100	10	255	255	255	255	Permit
	0	0	0	0	0	0	0	0	*Disabled
	0	0	0	0	0	0	0	0	*Disabled
	0	0	0	0	0	0	0	0	*Disabled
	0	0	0	0	0	0	0	0	*Disabled

Any hosts with a source address that does not match the access list stater

Example 2: Reject printing from a specific user (IP address: 192.168.100.50)

Access List	IP Address	Subnet Mask	Operation						
	192	168	100	50	255	255	255	255	Reject
	0	0	0	0	0	0	0	0	*Disabled
	0	0	0	0	0	0	0	0	*Disabled
	0	0	0	0	0	0	0	0	*Disabled
	0	0	0	0	0	0	0	0	*Disabled

Any hosts with a source address that does not match the access list stater

Example 3: Permit printing from a specific network address (192.168), reject printing from part of this network address (192.168.200) and permit printing from a specified user in this rejected network address (192.168.200.10).

Access List	IP Address	Subnet Mask	Operation						
	192	168	200	10	255	255	255	255	Permit
	192	168	200	0	255	255	255	0	Reject
	192	168	0	0	255	255	0	0	Permit
	0	0	0	0	0	0	0	0	*Disabled
	0	0	0	0	0	0	0	0	*Disabled

Any hosts with a source address that does not match the access list stater

When you have finished the settings, proceed to *"Applying the New Settings"* (p.31).

●●● Applying the New Settings

Procedure

- 1 When the setting of each item has been specified, click **Apply New Settings** displayed at the lower portion of the right frame.

Note

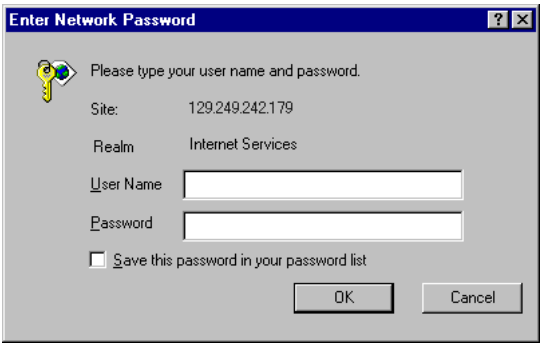
Click **Restore Settings** when you do not want to use the settings made and return to the previous settings.

- 2 The following dialog box will be displayed when the settings are changed for the first time after having activated CentreWare Internet Services, and the setting is in administrator mode.

LOOK

Enter the administrator name and password, and then click **OK**.
The factory settings of the administrator name and password are listed below. For better security management, change the settings as early as possible. Use the Network Settings below Internet Services to make these changes.

- administrator name: admin
- password: admin



- 3 The contents of the items set will be sent to the printer and the settings modified. You might need to restart the printer depending on the items. When prompted with the message to restart the printer, switch off the printer and then switch it on again.

2.4 Configuring Windows NT 4.0/ Windows 2000/Windows XP

To print from Windows NT 4.0/Windows 2000/Windows XP in, install the printer driver to the computer.

The printer driver can be installed using the automatically displayed Fuji Xerox Setup Menu when the Software Pack CD-ROM is inserted into the CD-ROM drive.

The later part of this section also explains the necessary settings to print from the client computer when using Windows NT 4.0/Windows 2000/Windows XP as a network server. Refer to the following according to the environment you are using.

- When using lpr and print on Windows NT 4.0
"2.4.1 Installing the Printer Driver (Windows NT 4.0)"
- When using lpr and print on Windows 2000
"2.4.2 Installing the Printer Driver (Using lpr on Windows 2000/Windows XP)"
- When using Port 9100 and print on Windows 2000/Windows XP
"2.4.3 Installing the Printer Driver (Using Port 9100)"
- When using IPP and internet print on Windows 2000/Windows XP
"2.4.4 Installing the Printer Driver (Internet Printing on Windows 2000/Windows XP)"
- When using Windows NT 4.0/Windows 2000/Windows XP as a network server and print from the client computer
"2.4.5 Using As a Network Server"

●●● Setup Disk

If you want to install the printer driver to multiple computers on the network, it is recommended that you create a setup disk after installing the printer driver to one computer. With this disk, you need only to execute the setup.exe command in the disk to the other computers and you can install a printer driver of similar settings to all the computers.

LOOK

- The setup disk can only be used on the OS on which the disk was created or computers running the same OS.
- The setup disk cannot be created if you have installed the printer driver by using the IPP and internet print settings on Windows 2000/Windows XP.

See

Software Pack Operation Guide which comes with the Software Pack CD-ROM for information on creating the setup disk and method of installing using the disk.

For details of installing the printer driver, refer to the manuals bundled with this machine.

2.4.1 Installing the Printer Driver (Windows NT 4.0)

LOOK

Before installing the printer driver, it is necessary to set up TCP/IP Protocol and Microsoft TCP/IP Printing on the Windows NT 4.0 system. Refer to manuals on Windows NT for details.

The procedure is as follows:

●●● Installing the Printer Driver

Procedure

1 Switch on the printer.

2 Switch on the computer.

Activate Windows NT 4.0, log on as a user of the administrator group or as the administrator.

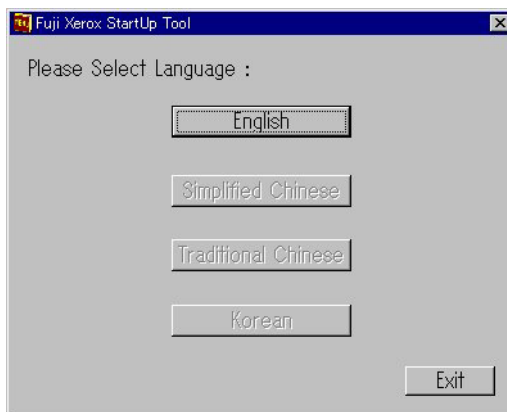
3 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box is displayed automatically.

Note

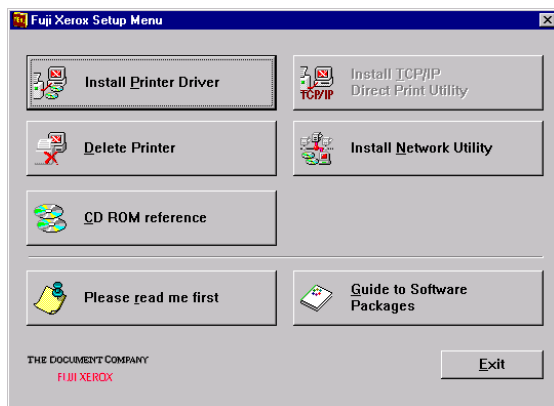
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the **Install_e.exe** icon in the CD-ROM. Proceed to Step 5.

4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click **Install Printer Driver**.



6 Follow the displayed screens to carry out the installation.

Setting the Destination Port

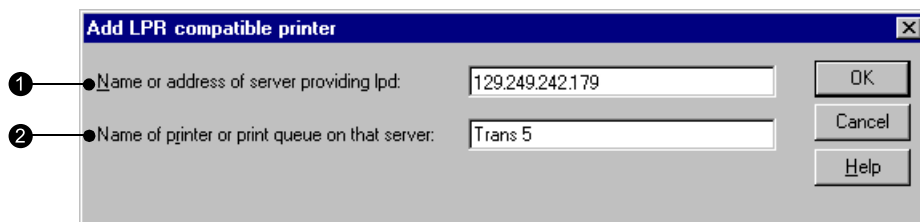
To set the destination port, click **Add Port** and proceed as follows using the Add Ports dialog box.

1. Select **Others** and click **LPR Port** from Available ports.
2. Click **OK**.

The Add LPR compatible printer dialog box is displayed.

3. Enter the items at each text box.

Example: For IP address, "129.249.242.179" and printer name, "Trans5":



Item	Remarks
① Name or address of server providing lpd	Enter the IP address of the printer. You can enter the registered printer name when it is possible to use software like WINS. LOOK When the IP address has numbers with less than three digits, do not enter "0" before these numbers, e.g. "XXX.XXX.00X.0XX". It will not work properly.
② Name of printer or print queue on that server	Enter any name for DocuPrint C1618.

When you do not know the IP address of the printer, either check with the network administrator, or print out the Printer Settings to confirm. Refer to "2.2.3 Checking the Settings (printing Printer Settings)" for information on printing the Printer Settings.

4. Click **OK**.

7 When the printer driver has been installed, click **Exit** at each dialog box to close the Fuji Xerox Setup Menu.

8 Take out the CD-ROM from the CD-ROM drive.

●●● Testing Printing

To check the connection, print the test page.
The procedure is as follows:

Procedure

1 Click the Start menu, and select **Settings** and then **Printers**.

The Printers window is displayed.

2 The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and click **Properties** from the Printer menu.

The printer properties dialog box is displayed.

3 Click **Print Test Page** on the General tab.

A dialog box to confirm whether or not the test page is printed correctly will be displayed.

4 Check the print results, and if the test page is printed correctly, click **Yes**.

5 Click **OK** on the printer properties dialog box.

2.4.2 Installing the Printer Driver (Using lpr on Windows 2000/Windows XP)

LOOK

You can select **LPR Port** or **Standard TCP/IP Port** as the output destination for the port on Windows 2000/Windows XP. When you select **LPR Port**, before installing the printer driver, it is necessary to install Print Services for Unix on Windows 2000. Refer to the manuals on Windows 2000/Windows XP for details.

Here, we use the example of selecting **Standard TCP/IP Port** as the output destination.

Note

The procedure for selecting **LPR Port** is the same as the one on Windows NT 4.0. Refer to "2.4.1 Installing the Printer Driver (Windows NT 4.0)" for details.

The procedure is as follows. Here, we will use Windows 2000 as an example.

●●● Installing the Printer Driver

Procedure

- 1** Switch on the printer.
- 2** Switch on the computer.
Activate Windows 2000 and log on as a user of administrator group or as the administrator.
- 3** Insert the Software Pack CD-ROM into the CD-ROM drive.
The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

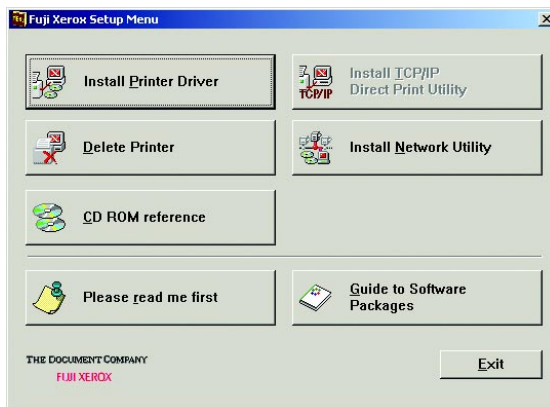
If the Fuji Xerox StartUp Tool does not appear automatically, double-click the Install_e.exe icon in the CD-ROM. Proceed to Step 5.

4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click **Install Printer Driver**.



6 Follow the displayed screens to carry out the installation.

Setting the Destination Port

To set the destination port, click **Add Port** and proceed as follows using the Add Ports dialog box.

1. Click **Others** and select **Standard TCP/IP Port** from Available ports.
2. Click **OK**.

The Add Standard TCP/IP Printer Port Wizard dialog box is displayed.

3. Click **Next**.



4. Enter the items at each text box.

Example: For IP address, "129.249.242.179".

Item	Remarks
① Printer Name or IP Address	Enter the IP address of the printer. You can enter the registered printer name when it is possible to use name solving services like WINS. LOOK When the IP address has numbers with less than three digits, do not enter "0" before these numbers, e.g. "XXX.XXX.00X.0XX". It will not work properly.
② Port Name	Enter name or IP address of the printer and the name of port is automatically set. Enter the port name only when you want to make changes.

Note

When you do not know the IP address of the printer, either check with the network administrator, or print out the Printer Settings to confirm. Refer to "2.2.3 Checking the Settings (printing Printer Settings)" on how to print the Printer Settings.

5. Click **Next**.

6. Check the contents on the screen and click **Finish**.

7 When the printer driver has been installed, click **Finish** or **Exit** at each dialog box to close the Fuji Xerox Setup Menu.

8 Take out the CD-ROM from the CD-ROM drive.

●●● Testing Printing

To check the connection, print the test page.
The procedure is as follows:

Procedure

- 1** Click the Start menu, and select **Settings** and then **Printers**.
The Printers window is displayed.
- 2** The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and click **Properties** from the Printer menu.
The printer properties dialog box is displayed.
- 3** Click **Print Test Page** on the General tab.
A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 4** Check the print results, and if the test page is printed correctly, click **OK**.
- 5** Click **OK** on the printer properties dialog box.

2.4.3 Installing the Printer Driver (Using Port 9100)

The procedure is as follows. Here, we will use Windows 2000 as an example.

●●● Installing the Printer Driver

Procedure

1 Switch on the printer.

2 Switch on the computer.

Activate Windows 2000 and log on as a user of administrator group or as the administrator.

3 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

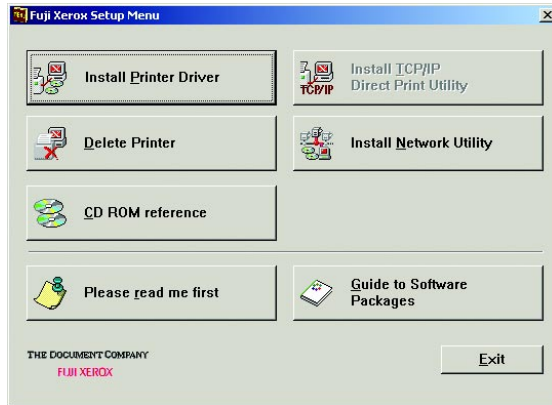
If the Fuji Xerox StartUp Tool does not appear automatically, double-click the Install_e.exe icon in the CD-ROM. Proceed to Step 5.

4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click **Install Printer Driver**.



6 Follow the displayed screens to carry out the installation.

Setting the Destination Port

To set the destination port, click **Add Port** and proceed as follows using the Add Ports dialog box.

1. Click **Others** and select **Standard TCP/IP Port** from Available ports.
2. Click **OK**.

The Add Standard TCP/IP Printer Port Wizard dialog box is displayed.

3. Click **Next**.



4. Enter the items at each text box.

Example: For IP address, "129.249.242.179".

Item	Remarks
① Printer Name or IP Address	Enter the IP address of the printer. You can enter the registered printer name when it is possible to use name solving services like WINS. LOOK When the IP address has numbers with less than three digits, do not enter "0" before these numbers, e.g. "XXX.XXX.00X.0XX". It will not work properly.
② Port Name	Enter name or IP address of the printer and the name of port is automatically set. Enter the port name only when you want to make changes.

Note

When you do not know the IP address of the printer, either check with the network administrator, or print out the Printer Settings to confirm. Refer to "2.2.3 Checking the Settings (printing Printer Settings)" on how to print the Printer Settings.

5. Click **Next**.6. Check the contents on the screen and click **Finish**.

Note

This completes setting LPR for the protocol. Do the settings for Port 9100 after the printer driver is installed. Just proceed to the next step from here.

7

When the printer driver has been installed, click **Finish** or **Exit** at each dialog box to close the Fuji Xerox Setup Menu.

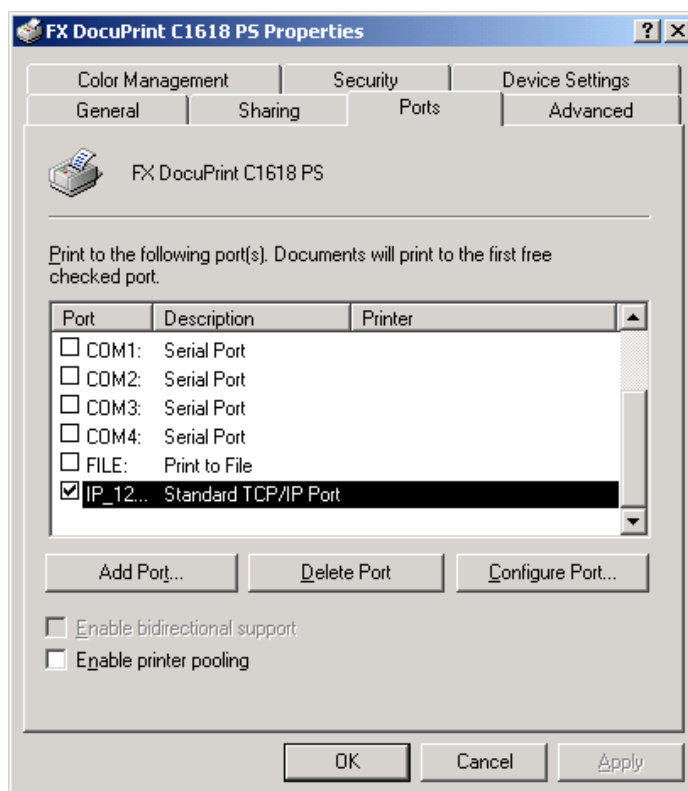
8 Take out the CD-ROM from the CD-ROM drive.

●●● Setting Port 9100 and Testing Printing

Set Port 9100 and print a test page to check the connection. The procedure is as follows.

Procedure

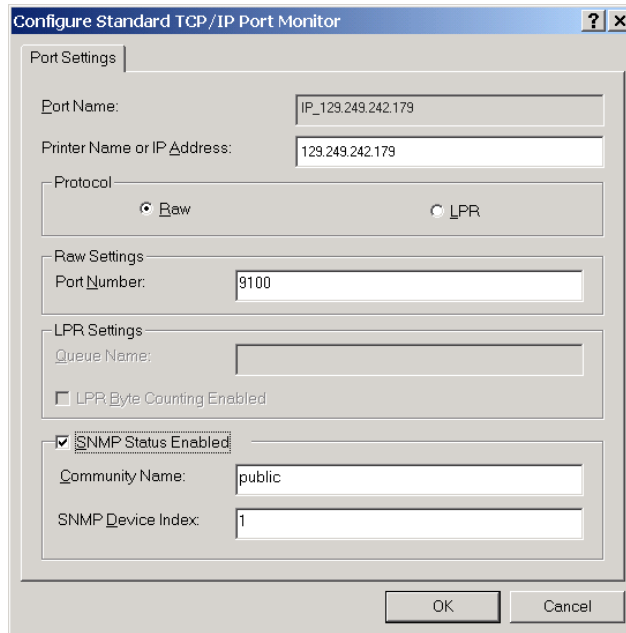
- 1 Click the Start menu, select **Settings** and followed by Printers.
The Printers window is displayed.
- 2 The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and from the Printer menu, select **Properties**.
The printer properties dialog box is displayed.
- 3 Click the **Ports** tab.
- 4 Select this model, and click **Configure Port**.



- 5** Select **Raw** and confirm the Port Number that you have entered in Raw Settings, and click **OK**.

See

Set the port number according to the settings of the network printer. Refer to "Changing Port 9100 Settings" (p.26) for the details about changing the settings of the network printer.



- 6** Click **Print Test Page** on the General tab.
A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 7** Check the print results, and if the test page is printed correctly, click **OK**.
- 8** Click **OK** on the printer properties dialog box.

2.4.4 Installing the Printer Driver (Internet Printing on Windows 2000/Windows XP)

Note

If you have selected Internet Options on Control Panel and set using the proxy server, a printer for internet printing cannot be created. In this case, make sure you include the settings that do not use the proxy in the current IP address. Refer to the manuals on Windows 2000/Windows XP for details.

The procedure is as follows. Here, we will use Windows 2000 as an example.

●●● Installing the Printer Driver

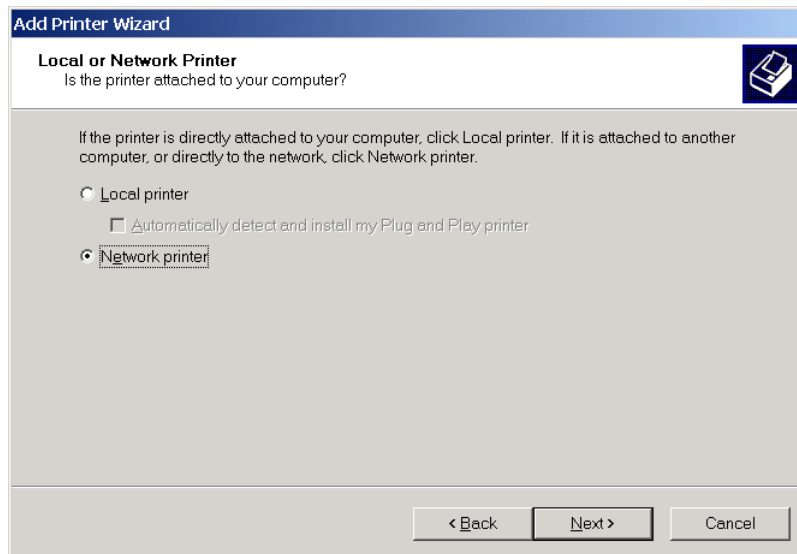
Procedure

- 1 Switch on the printer.
- 2 Switch on the computer.
Activate Windows 2000 and log on as a user of administrator group or as the administrator.
- 3 Insert the Software Pack CD-ROM into the CD-ROM drive.
The Fuji Xerox StartUp Tool dialog box appears automatically.
- 4 Click **Exit**.



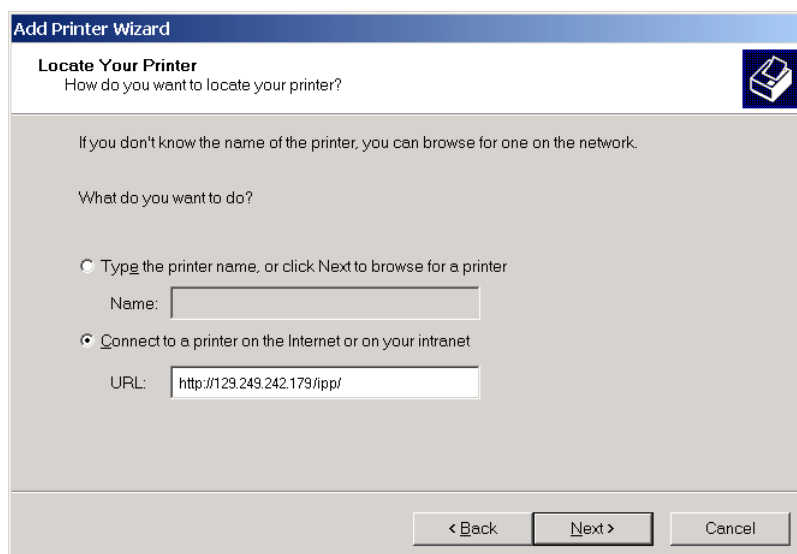
- 5 Click **Printers** on Settings from the Start menu. The Printer window is displayed.

- 6 Double click the Add Printer icon.
The Add Printer Wizard dialog box is displayed.
- 7 Click **Next**.
- 8 Select **Network printer** and click **Next**.



- 9 Select **Connect to a printer on the internet or on your intranet** and enter "http: //printer host name (IP address):/ipp/" in URL.

Example: When printer IP address is "129.249.242.179"
"http://129.249.242.179/ipp/"



LOOK

If a number of less than three digits is included in the IP address such as "XXX.XXX.00X.0XX", do not enter "0" for the digit(s) before the number. It could cause improper operation.

- If printing is not enabled by the above URL configuration, enter "http://printer's host name (IP address):631/ipp/". The number "631" is a preset port number of IPP. For further information on the IPP port, refer to "Changing Configuration of IPP" on page 39.

Note

If the printer's IP address is not known, check it with the network administrator or by printing the printer configuration list. For information on how to print this list, refer to the manual supplied with this equipment.

- 10** Click **Next**.
- 11** If a dialog box displaying a warning message that the correct printer driver is not installed on the server connected to the DocuPrint C1618 printer appears and prompts you to install the printer driver to the local computer, click **OK**.
- 12** Click **Have Disk**.
- 13** Enter the **CD-ROM drive: \PrtDrv_E\1618\Win2000** in source and click **OK**.
Example : when the CD-ROM drive is E, enter E : \PrtDrv_E\1618\Win2000.
- 14** Select the printer to be installed and click **OK**.
- 15** When the Digital signature Not Found dialog box appears, click **Yes** and continue to install.
- 16** Select whether to use the printer in ordinary and click **Next**.
Copying the necessary files starts.
- 17** When a display notifying that the installation is completed, click **Finish**.
- 18** Take out the CD-ROM from the CD-ROM drive.
- 19** If you have installed the optional products, do the settings for the optional products on the Options tab.

Note

To display the Options tab screen, select the printer icon that was being added, click **Properties** from File menu and then click the **Options** tab.

●●● Testing Printing

To check the connection, print the test page.

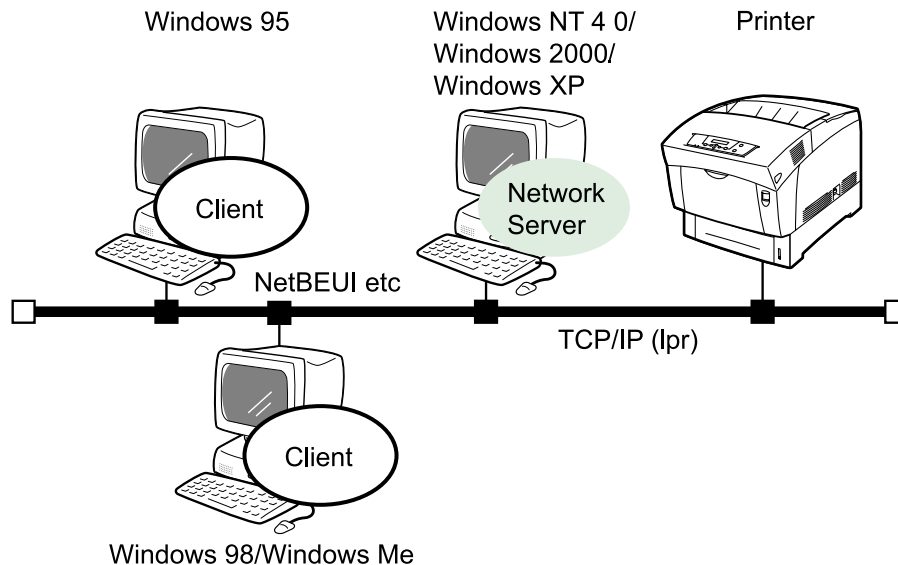
The procedure is as follows:

Procedure

- 1** Click the Start menu, and select **Settings** and then **Printers**.
The Printers window is displayed.
- 2** The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and click **Properties** from the Printer menu.
The printer properties dialog box is displayed.
- 3** Click **Print Test Page** on the General tab.
A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 4** Check the print results, and if the test page is printed correctly, click **OK**.
- 5** Click **OK** on the printer properties dialog box.

2.4.5 Using As a Network Server

This section explains how to use Windows NT 4.0/Windows 2000/Windows XP as a network server and to configure settings that enable printing from clients which cannot send printing to the printer directly (Windows 95/Windows 98/Windows Me).



●●● Configuring the Network Server (Windows NT 4.0/Windows 2000/Windows XP)

Setting on the Network Server side (Windows NT 4.0/Windows 2000/Windows XP)
Add a "Shared" setting to the printer for which you have made settings in the previous sections.

Also, if you install "Network Service Auxiliary Tool" on the network server in which you have set the shared printer, any client computer in the same domain or work group can get the information about the printer's port and queue automatically.

The procedure is shown below. Here, Windows NT 4.0 is used for explanation.

Procedure

1 Click the Start menu, and select **Settings** and then **Printers**.

The Printers window is displayed.

Note

On Windows XP, click the Start menu, and select Printers and Faxes to display the Printers and Faxes window.

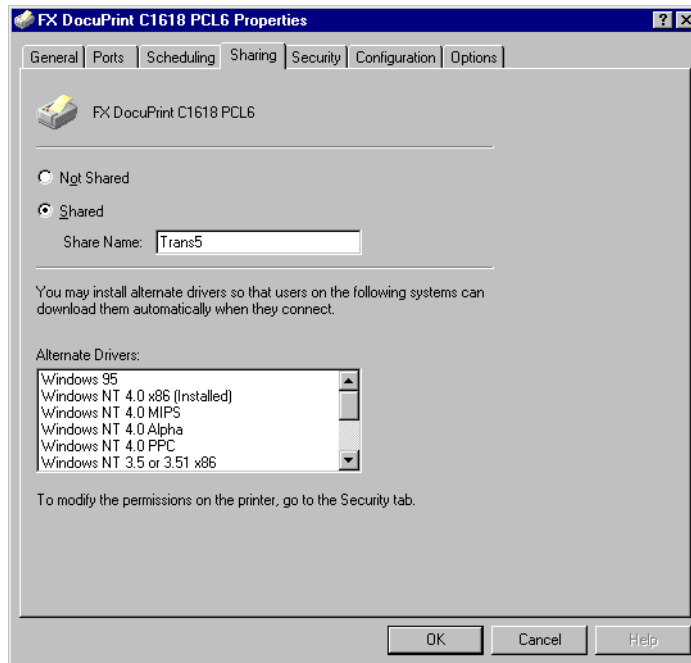
2 Select the printer icon to be shared and from the File menu, click **Properties**.

The printer properties dialog box is displayed.

- 3** Click **Shared** on the Sharing tab and then enter a name for Share Name.

Note

Share Name is the name to identify the printer by the other computers on the network.



- 4** Click **OK**.
- 5** Check that the shared out printer icon in the Printers window has a hand mark attached.



●●● Configuring the Client (Windows 95/Windows 98/Windows Me)

It is also necessary to install the printer driver on the client computer.

LOOK

To use Windows NT 4.0/Windows 2000/Windows XP as a network server, client computer users have to be registered in order to access Windows NT 4.0/Windows 2000/Windows XP. For details, refer to manuals related to Windows.

Procedure

- 1 Switch on the printer.
- 2 Switch on the computer and activate Windows 95/Windows 98/Windows Me.

- 3 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box is displayed automatically.

Note

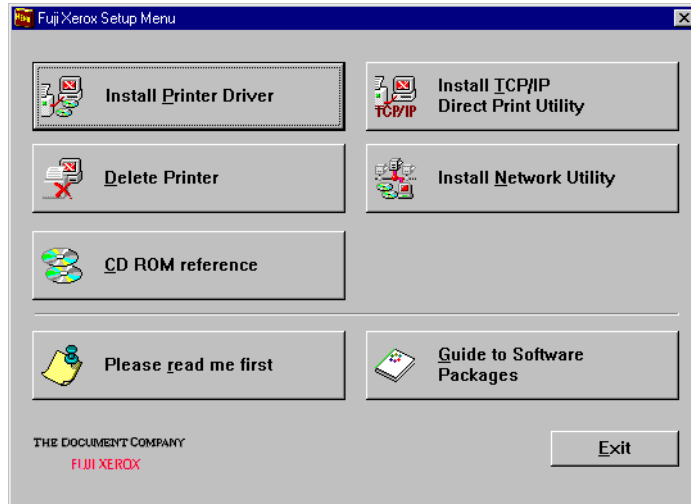
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the Install_e.exe icon in the CD-ROM. Proceed to Step 5.

- 4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click **Install Printer Driver**.



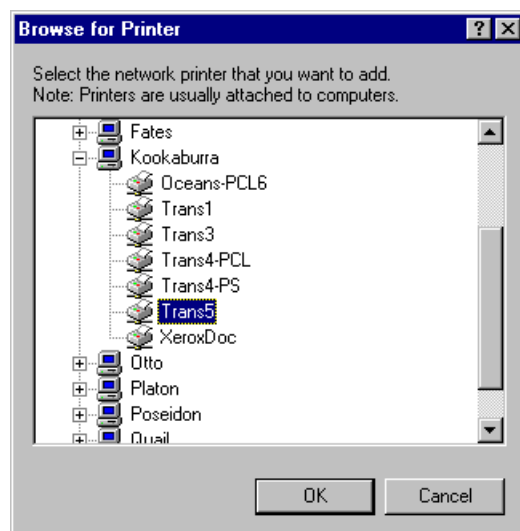
6 Carry out the installation by following the screens displayed.

Setting the Destination Port

To set the destination, select **Network**, and click **Browse**. Using the dialog box displayed, specify settings as follows:

1. From the network list, search and select the printer. The printer will assume the shared name set earlier, and will be displayed under the Windows NT computer with the added printer.

Example: For Windows NT with host name, "Kookaburra" and shared name, "Trans5".



2. Click **OK**.

- 7** When the printer driver has been installed, click **Exit** at each dialog box to close the Fuji Xerox Setup Menu.
- 8** Take the CD-ROM out from the CD-ROM drive.
- 9** To check the connection, print the test page.
Click the Start menu, and select **Settings** and then **Printers**.
The Printers window appears.
- 10** A DocuPrint C1618 printer icon is added by the installation of the printer driver. Select the added printer icon and click **Properties** from the File menu.
The printers properties dialog box is displayed.
- 11** Click **Print Test Page** on the General tab.
A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 12** Check the print results, and if the test page is printed correctly, click **Yes**.
- 13** Click **OK** on the printer properties dialog box.

To print directly to the printer from Windows 95/Windows 98/Windows Me in TCP/IP environment, install the printer driver and TCP/IP Direct Print Utility to the computer.

2.5.1 Using TCP/IP Direct Print Utility

tcp/ip direct print utility is a software program for printing print data sent from a computer directly to a printer on the network without going through any server. TCP/IP Direct Print Utility is available in the Software Pack CD-ROM.

●●● Installation Requirements

To install TCP/IP Direct Print Utility, the computer must meet the following requirements:

- installed with the English version of Microsoft Windows 95, Windows 98 or Windows Millennium Edition operating system.
- equipped with a 32-bit, Intel CPU (x86 compatible)
- computer name of ASCII characters (uppercase/lowercase letters, numbers, hyphen (-), underscore (_))

Note

- When the computer name includes non-ASCII characters, there might be problems in printing. In this case, double-click the **Network** icon in Control Panel to display its dialog box, and on the Identification tab, change the entry in Computer name.
- installed with TCP/IP protocol

Note

Double-click the **Network** icon in Control Panel to display its dialog box, and check for the following:

Windows 95/Windows 98/Windows Me

- On the Configuration tab, check that TCP/IP is available in The following network components are installed.

Note

If TCP/IP is not installed, refer to "2.5.2 Installing TCP/IP Protocol" to add the protocol.

●●● Overview of the Configuration

The overview of the configuration is as follows.

We will use Windows 98 in the procedure as an example.

Begin



- Install TCP/IP protocol (not needed when already installed)



"2.5.2 Installing TCP/IP Protocol"

- Install TCP/IP Direct Print Utility and printer driver



"2.5.3 Installing TCP/IP Direct Print Utility (TCP/IP Direct Print Utility)", "2.5.4 Installing the Printer Driver"

- Check settings



"2.2.3 Checking the Settings (printing Printer Settings)"

- Set port



"2.5.5 Adding the Port"



End

2.5.2 Installing TCP/IP Protocol

LOOK

It is not necessary to carry out the following procedure if the TCP/IP protocol has already been installed on your computer.

To use TCP/IP Direct Print Utility, it is necessary to install TCP/IP protocol on your Windows system.

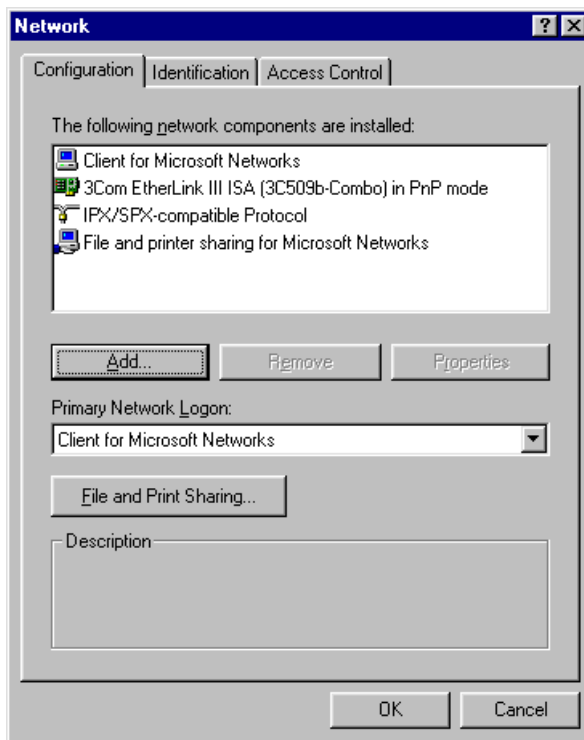
The procedure is as follows Windows 98 is used as an example:



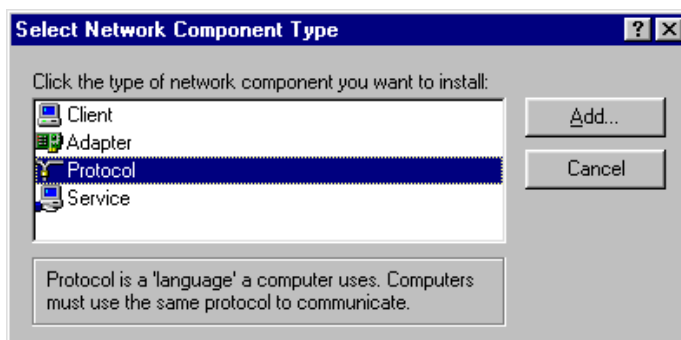
Manuals related to Windows 95/Windows 98/Window Me, for details on TCP/IP protocol

Procedure

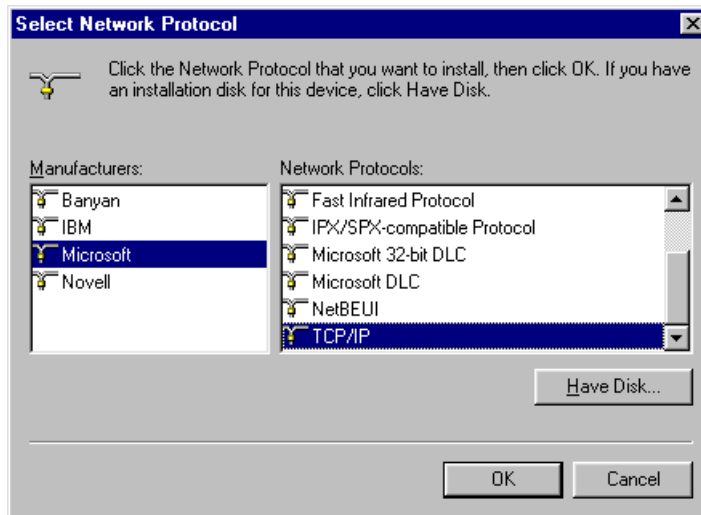
- 1** Switch on the computer and activate Windows 98.
- 2** Click **Start**, select **Settings**, and then **Control Panel**.
The Control Panel window is displayed.
- 3** Double-click the Network icon.
The Network dialog box is displayed.
- 4** On the Configuration tab, click **Add**.



- 5** In the Select Network Component Type dialog box displayed, select **Protocol** for Click the type of network component you want to install, and click **Add**.



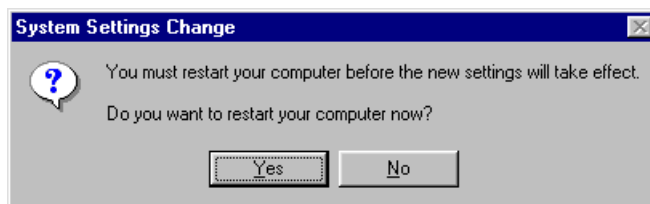
- 6 In the Select Network Protocol dialog box displayed, select **Microsoft** for Manufacturers, and **TCP/IP** for Network Protocols, and then click **OK**.



- 7 In the Network dialog box, check that TCP/IP is added to the following network components are installed on the Configuration tab, and then click **OK**.

The copying of files begins.

- 8 After the copying of files has been completed, a message prompting you to restart your computer is displayed. Click **Yes**.



2.5.3 Installing TCP/IP Direct Print Utility (TCP/IP Direct Print Utility)

This section explains the installation of TCP/IP Direct Print Utility to your computer. The procedure is as follows.

When you perform internet printing on Windows Me, refer to the procedures in "2.5.4 Installing the Printer Driver".

Procedure

- 1 Switch on the printer.
- 2 Switch on your computer and activate Windows 98.
- 3 Insert the Software Pack CD-ROM into the CD-ROM drive.
The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

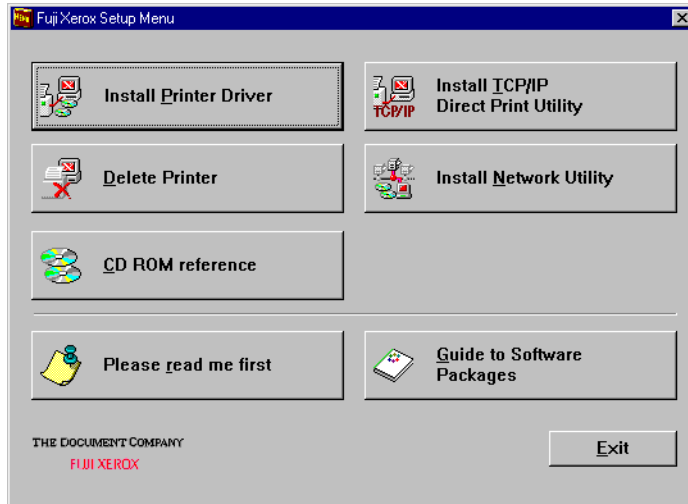
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the Install_e.exe icon in the CD-ROM. Proceed to Step 5.

- 4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

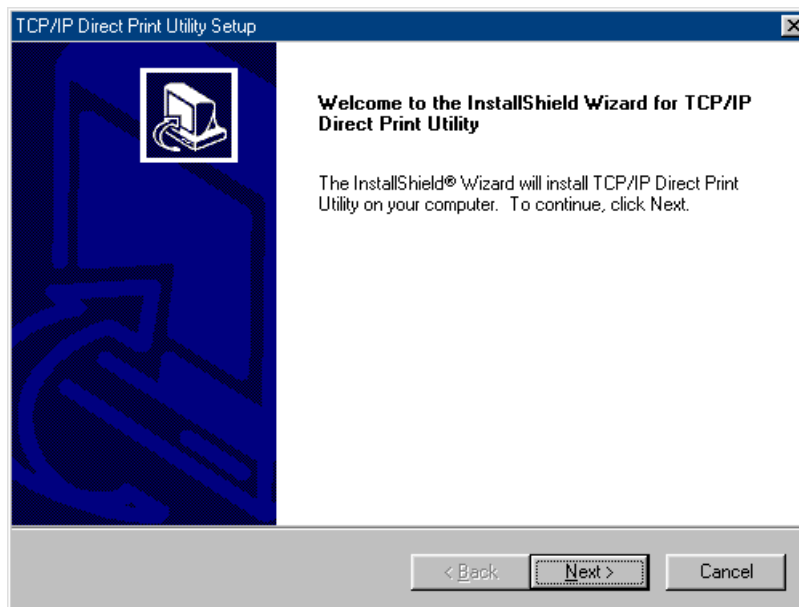
5 Click **Install TCP/IP Direct Print Utility**.



Note

If you are prompted to install TCP/IP protocol when **Install TCP/IP Direct Print Utility** is clicked, click **OK** to stop the operation, and after you have installed TCP/IP protocol to your computer, carry out the installation again.

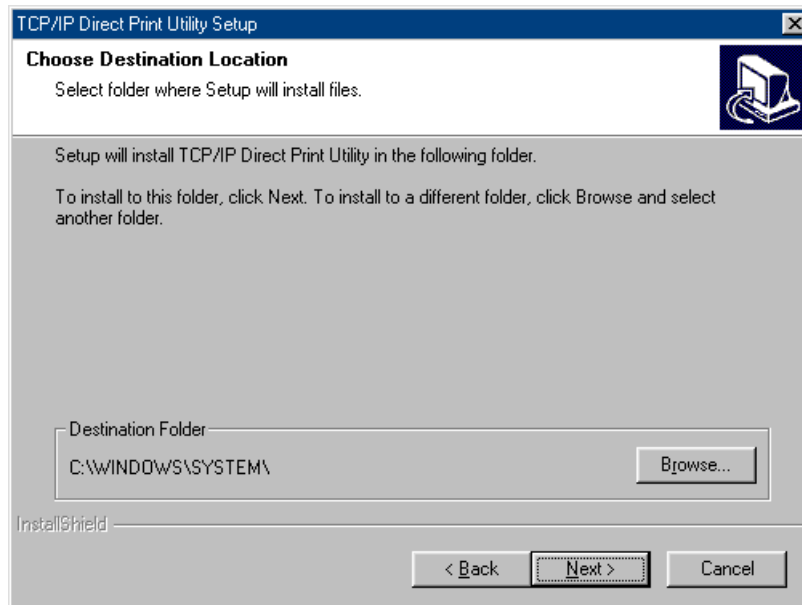
6 Click **Next**.



7 Check the path under Destination Folder and click **Next** if it is all right.

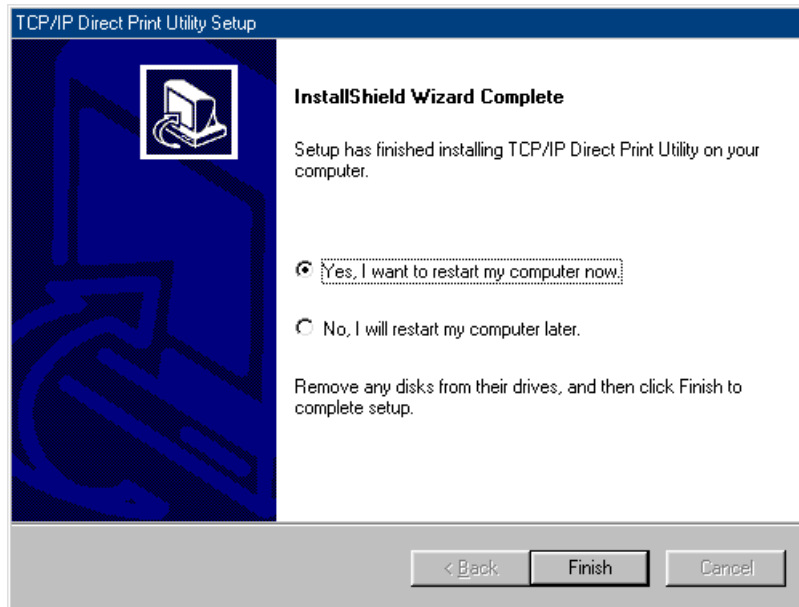
Note

If you need to change the installation directory, click **Browse**, specify the folder for installation, and then click **Next**.



The installation of TCP/IP Direct Print Utility begins.

- 8 When the installation is completed, the following dialog box is displayed.
Take out the CD-ROM from the CD-ROM drive, select **Yes, I want to restart my computer now**, and then click **Finish**.

**Note**

The settings will not take effect if you do not restart the system.

2.5.4 Installing the Printer Driver

Next, we will install the printer driver to the computer.

●●● Setup Disk

If you want to install the printer driver to multiple computers on the network, it is recommended that you create a setup disk after you have installed the printer driver to one computer and completed the port setting. With this disk, you need only to execute the setup.exe command in the disk to the other computers and you can install a printer driver of similar settings to all the computers.

However, TCP/IP Direct Print Utility cannot be installed using a setup disk. You have to install from the Fuji Xerox Setup Menu to each and every computer on the network.

LOOK

The setup disk can only be used on the OS on which the disk was created or computers running the same OS.

See

Software Pack Operation Guide which comes with the Software Pack CD-ROM for information on creating the setup disk and the installation method using the disk. For details of installing the printer driver, refer to the manuals bundled with this machine.

●●● Installing the Printer Driver

The procedure is as follows:

Procedure

- 1 Start your computer and run Windows 98.
- 2 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

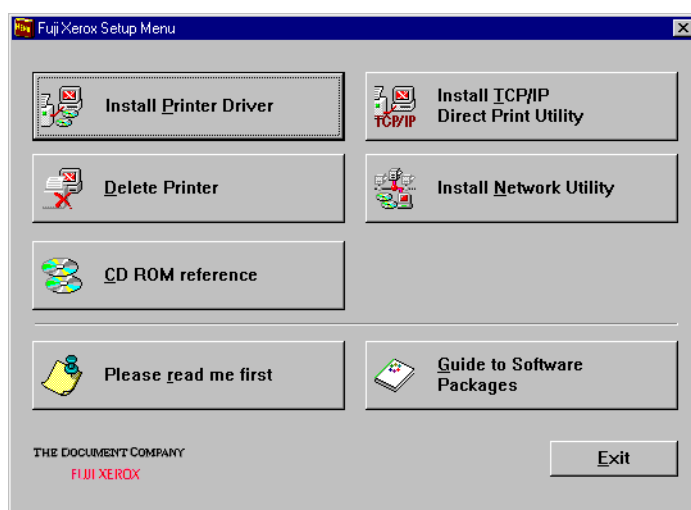
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the Install_e.exe icon in the CD-ROM. Proceed to Step 5.

3 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

4 Click **Install Printer Driver**.



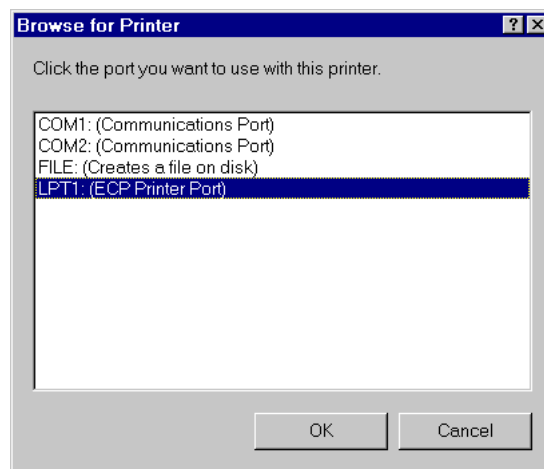
- 5** Follow the displayed screens to continue with the installation.

Setting the Destination Port

To set the destination port, select **Others**, and click **Browse**.
In the displayed dialog box, select **LPT1**, and then click **OK**.

Note

The adding of the port for TCP/IP Direct Print Utility is carried out after the printer driver has been installed. Here, we select LPT1.



- 6** After the printer driver has been installed, click **Exit** at each dialog box to close the Fuji Xerox Setup Menu.

2.5.5 Adding the Port

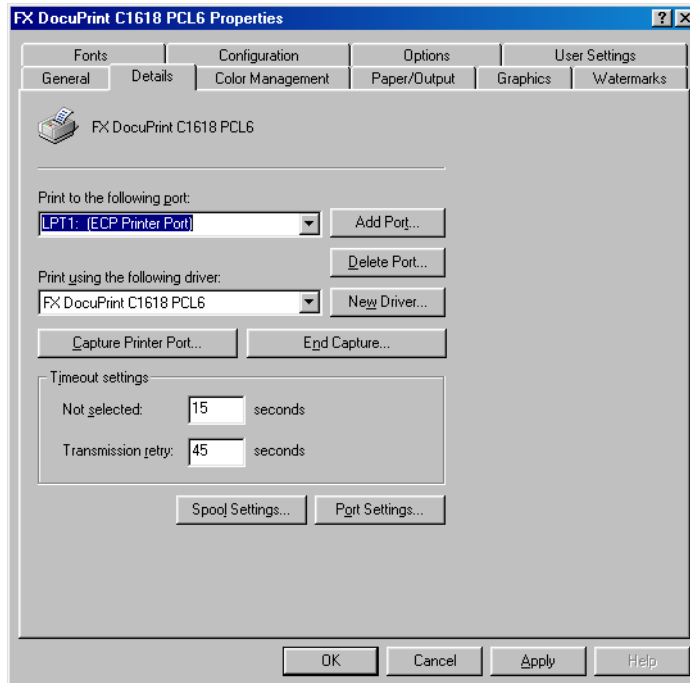
Add the port for TCP/IP Direct Print Utility to the printer icon created by installing the printer driver.

The procedure is as follows:

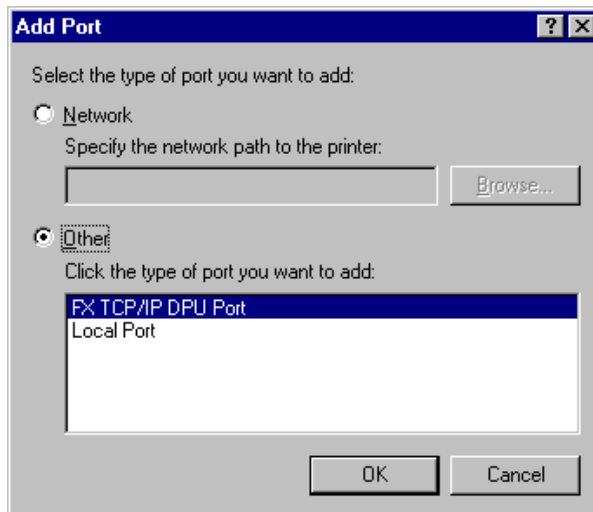
Procedure

- 1** Click the Start menu, select **Settings** and followed by Printers.
The Printers window is displayed.
- 2** The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and from the Printer menu, select **Properties**.
The printer properties dialog box is displayed.

3 Click **Add Port** on the Details tab.



4 Select **Other**, and click **FX TCP/IP DPU Port** from Click the type of port you want to add.

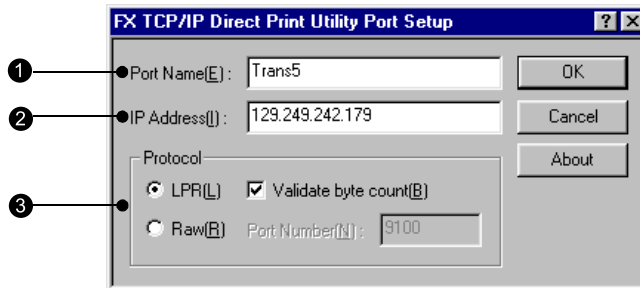


5 Click **OK**.

The FX TCP/IP DPU Port Setup dialog box is displayed.

6 Enter the appropriate value for each item, and click **OK**.

Example: For port name, "Trans5" and IP address, "129.249.242.179".

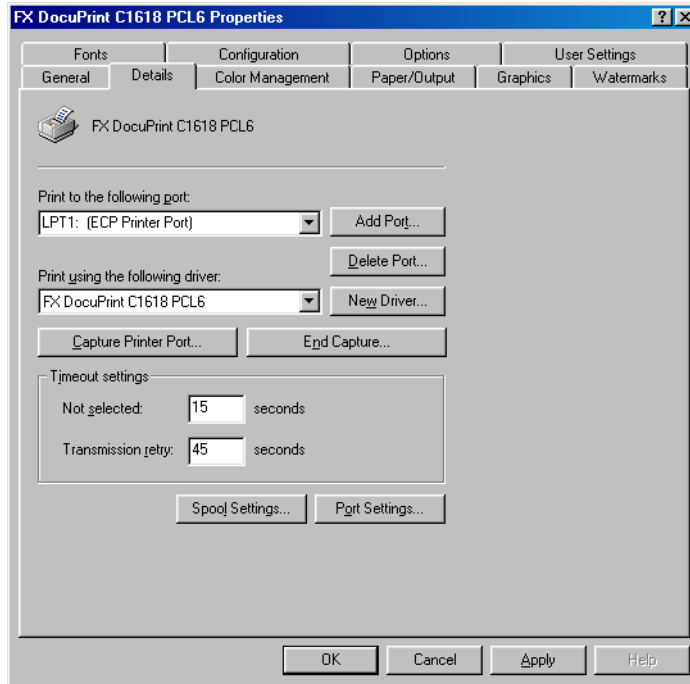


Item	Remarks
① Port Name	<p>Enter a name of your choice to identify the printer.</p> <p>LOOK</p> <p>When you are adding multiple TCP/IP Direct Print Utility ports, do not use port names as in the following.</p> <p>There is no difference between using upper-case and lower-case characters. Examples of port names that cannot be used (current port name is "printer"):</p> <ul style="list-style-type: none"> • Adding characters at the end of the current port name. Example: "printer1", "printer-01" and so forth. • Deleting some characters from the current port name. Example: "prin", "print" and so forth.
② IP Address	<p>Enter the IP address of the printer. If the Domain Name System (DNS) has been installed, the printer host name can be entered.</p>
③ Protocol	<p>Select the protocol to be used for data transfer.</p> <p>Select either of printing protocols (1) or (2) below. The default selection is (1) LPR.</p> <p>(1) "LPR(L)": The lpr protocol is used for printing. Enable or disable the "Validate byte count(B)" option by selecting or deselecting its check box. The default selection is enabled (check box selected).</p> <p>(2) "Raw(R)": Port9100 protocol is used for printing. You can specify a port number at the destination in "Port Number(N)". This setting is effective only when Raw protocol is selected. The default setting is "9100". If the number is deleted, "9100" appears. You can enter up to 5 digits. If you enter a number greater than 65536 and click OK, "9100" is registered.</p>

Note

If you do not know the IP address of the printer, check with your network administrator, or print out the Printer Settings to confirm. Refer to "2.2.3 Checking the Settings (printing Printer Settings)" for information on printing the Printer Settings.

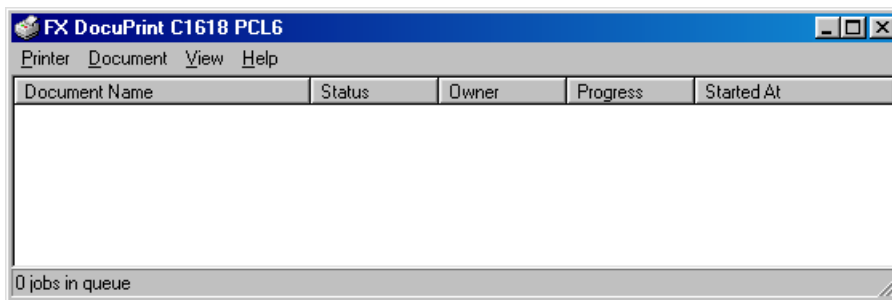
- 7** On the Details tab of the printer properties dialog box, check that "(FX TCP/IP DPU Port)" is added to the port name entered in Step 6 in Print to the following port.



- 8** To check the connection, print the test page.
After you have clicked **Apply to confirm the settings**, click **Print Test Page** on the General tab. A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 9** Check the print results, and if the test page is printed correctly, click **Yes**.
- 10** Click **OK** on the printer properties dialog box.

2.5.6 Status Display During Printing

Here, we explain the contents displayed in the Printer window after using TCP/IP Direct Print Utility to send printing from the computer.



Document Name

Name of the printing file.

Status

Status of the printer.

LOOK

The types of printer status listed on the next page will only be displayed if printing is sent from a computer with TCP/IP Direct Print Utility installed, and an appropriate port added. However, they will not be displayed if printing is sent from a computer on a network with a shared printer.

Note

The " * " added to the status is displayed not due to TCP/IP Direct Print Utility but to the spooler of Windows 95/Windows 98/Windows Me.

Display	Condition
Printing *	Processing the printing.
Sending...	Sending print data to the printer.
Cannot print (Network Error)	Printing cannot be processed. Either the printer is not switched on or there is a problem in the network. <div>Note</div> For this condition, printing will resume automatically once the problem is solved.

Display	Condition
Cannot print (Spool Error)	<p>Printing cannot be processed. Either the disk capacity is insufficient while spooling the print file or there is an error in the spool file.</p> <p>Note For this condition, printing will not resume automatically even if the problem is solved. Printing will resume when the problem has been solved and the machine activated.</p>
Deleting...	Deleting the document.
Spooling *	Saving the print data in the memory (hard disk).
Paused	<p>Stopping the process of printing or sending data temporarily.</p> <p>Note To resume printing, select Pause Printing from the Document menu of the Printer window.</p>

●●● Owner

Owner (user who issues printing) of the print file.

●●● Progress

Total number of pages or bytes of the print file.

●●● Started At

Time when printing started.

2.5.7 Uninstalling TCP/IP Direct Print Utility

Here, we explain how to uninstall TCP/IP Direct Print Utility from Windows 95/Windows 98/Windows Me.

Below is the procedure overview:

1. Deleting all printer ports of TCP/IP Direct Print Utility.
2. Executing the uninstaller.
3. Restarting the computer.

Details are described below.

Procedure

- 1** Deleting all printer ports of TCP/IP Direct Print Utility.
 1. Start Windows95/98/Me.
 2. Double-click the **My Computer** icon and **Printers** folder.
The Printers window appears.
 3. Select **Details** from the View menu.
Confirm that number of Document is 0 for all the printers.
If number except for 0 is displayed, select the printer, and from the Printer menu, select **Purge Print Documents** (Windows98/Me) or **Purge Print Documents** (Windows95).
 4. Select any printer icon in the Printers window.
 5. Select **Properties** from the File menu.
The printer properties dialog box appears.
 6. On the Details tab, click **Delete Port**.
The Delete Port dialog box appears.
 7. Select all entries with FX TCP/IP DPU Port and click **OK**.
Ensure that you have deleted all the TCP/IP Direct Print Utility ports before you take the next step.

Note

If the port cannot be deleted because the printer is using it, change it to other port in Print to the following port, click **Apply** then **Delete Port** to delete it.

8. Close the FX TCP/IP Direct Print Utility Port Setup dialog box if it is displayed.

- 2** Executing the uninstaller.

1. Double-click **My Computer** icon and **Control Panel** icon.
2. Select **Add/Remove Programs**.
The Add/Remove Programs Properties dialog box appears.
3. On the Install/Uninstall tab, select **Fuji Xerox TCP/IP Direct Print Utility**.
4. Click **Add/Remove**.
The Confirmation of Uninstallation dialog box appears.
5. Click **Yes** to execute uninstallation.
6. The InstallShield Wizard Complete dialog box appears. Click **Finish**.

3 Restarting the computer.

2.5.8 Installing the Printer Driver (for Internet Printing on Windows Me)

Note

When the use of a proxy server is set in the Internet Option on the Control Panel, the printer for Internet printing may not be created. In such a case, add the IP address of this equipment to the configuration not to use a proxy server. For further information, refer to instruction manuals related to Windows Me.

For Internet printing, the printer driver cannot be installed from the Setup dialog box on the Software Pack CD-ROM. To enable installation, follow the steps below, using the Adding Printer Wizard:

Procedure

- 1 Switch on the power to this equipment.
- 2 Switch on the power to the computer and start Windows Me.

- 3** Insert the CD-ROM that comes with the equipment in the CD-ROM drive.

Although the installation menu automatically appears, click **End** and close it.

- 4** Click **Printer** from Settings on the Start menu.

The Printer window is displayed.

- 5** Double-click the **Adding Printer** icon.

The Adding Printer Wizard icon appears.

- 6** Click **Next**.

- 7** Select **Network Printer** and click **Next**.

- 8** Enter http://printer host name (IP address)/ipp in the Name of Network Path or Queue.

Input example: If the IP address of the printer is "192.163.1.100", it is "http://192.168.1.100/ipp/".

LOOK

If a number of less than three digits is included in the IP address such as "XXX.XXX.00X.0XX", do not enter "0" for the digit(s) before the number. It could cause improper operation.

- If printing is not enabled by the above URL configuration, enter "http://printer's host name (IP address):631/ipp/". The number "631" is a preset port number of IPP. For further information on the IPP port, refer to "Changing Configuration of IPP" on page 39.

Note

If the printer's IP address is not known, check it with the network administrator or by printing the printer configuration list. For further information on how to print this list, refer to the manual supplied with this equipment.

- 9** Click **Next**.

- 10** Click **Have Disk**.

- 11** Enter CD-ROM drive name: ¥PrtDrv_e¥1618¥Win98 in Copy Source of Producer File and click **OK**.

Input example: If the CD-ROM drive name is E, enter "E:¥PrtDrv_e¥1618¥Win98".

- 12** Select a printer to be installed and click **Next**.

- 13** Enter Printer Name.

- 14** Select whether to use this equipment as the printer for regular use and click **Completion**.

- 15** When the printer driver has been successfully installed, remove the CD-ROM from the CD-ROM drive.
- 16** Proceed with the configuration and test printing of the option.
Select the printer icon that has been added to the Printers window by installing the printer driver and click **Property** from the File menu.
The Property dialog box appears.
- 17** When an option is installed, configure the option in the options tab.
- 18** Click **Printing Test Page** in the General tab.
The dialog box to check whether printing is correct appears.
- 19** Check the result of printing and click **Yes** if it is correct.
- 20** Click **OK** in the Property dialog box.

Chapter

3

Configuring in SMB Environment

3.1	Using in SMB Environment	76
3.2	Configuring the Printer	77
3.3	Changing the Host Name and Workgroup Name.....	79
3.4	Configuring the Client.....	85

3.1 Using in SMB Environment

This chapter explains the procedures of configuring DocuPrint C1618 to use in SMB (Windows network) environment and print from a Windows client computer.

Note

An optional network expansion card is required to use the printer in SMB environment.

3.1.1 Overview of the Configuration

The overview of the configuration process is as follows:

Begin



Configuring the Printer

When you use TCP/IP

- IP address settings
- Activate protocol (Not needed when setting up printer for the first time)

"3.2.2 Activating the Protocol" and the Printer's User's Manual
Activate SMB TCP/IP (Factory setting: enabled)
Activate Net BEUI (Factory setting: enabled)

See

- 3.2.3 and the Printer's User's Manual

See

"3.2.3 Checking the Settings (printing printer settings)"

Configuring the Client

- **Windows 95/Windows 98/Windows Me**
 - Install the printer driver

See

"3.4.1 Installing the Printer Driver (Windows 95/Windows 98/Windows Me)"

- **Windows NT 4.0/Windows 2000/XP**
 - Install the printer driver

See

"3.4.2 Installing the Printer Driver (Windows NT 4.0/Windows 2000/Windows XP)"



End

3.2 Configuring the Printer

Use the control panel to activate the protocol to be used.

3.2.1 Set the IP address

When using TCP/IP as the transport protocol, you must set an IP address, subnet mask, and gateway address on the printer.



See the manual provided with the printer for procedures.

3.2.2 Activating the Protocol



The factory setting of each protocol is set as Enabled. The following procedure is not necessary when you are setting up the network for the first time using a new printer.

To use TCP/IP as the transport protocol, activate Protocol as SMB TCP/IP, and to use NetBEUI, activate as SMB NetBEUI. And to use both, activate both protocols. The procedure is as follows:



Net BEUI cannot be used on Windows XP.



See the manual provided with the printer for procedures.

3.2.3 Checking the Settings (printing printer settings)

Print the Printer Settings to check settings. Printing items depend on the type of printer and the optional devices equipped. For detail on how to print, refer to the Printer's User's Manual.

●●● Printing Printer Settings

The procedure is as follows:



The Printer Settings is printed out in A4-sized paper and in portrait orientation. Load paper of the correct size and orientation in the paper tray.

Printer Settings (Example)

Check the portions.

Check this when the IP address has been set.

DocuPrint C1618

General

Total Number of Prints 24sheets

Drum Counter 2counts

Memory Capacity 192M byte

Printer Language PCL6;200203071447

Number of Fonts Available For PCL6 Roman:80fonts

F/W Version 200203081309

Boot Version 200202081135

IOT Version 1.6.2 (1.6.3)

DACS Version 200107161307

PDF Version 200203071443

Network

F/W Version 5.85

Ethernet Address 00:80:77:40:00:28

Ethernet Settings 10Base-T Half (Auto)

TCP/IP Settings Panel

IP Address 129.249.242.179

Subnet Mask Address 255.255.255.0

Gateway Address 129.249.242.254

IPX/SPX Settings

IPX Frame Type ETHERNET-II (AUTO)

Network Address 00067015:008077400028

Protocol LPD, Port9100, IPP

SMB, NetWare®

FTP, SNMP

SMTP/POP3

Internet Services

IP Filter Off

Printer Options

Extra Network Card On

Paper Tray Tray1, 2, 3, Bypass Tray

Option Tray Module 2-Tray Module

Hard Disk On

Contents Bridge Enhance Kit Off

Parallel

ECP Enabled

LPD

Port Status Enabled

Port9100

Port Status Enabled

IPP

Port Status Enabled

SMB

Port Status Enabled

TCP/IP Enabled

NetBEUI Enabled

Host Name FX400028

Work Group Name WORKGROUP

NetWare®

Port Status

Active Mode

Device Name

Tree Name

Context Name

FTP

Port Status

SNMP

Port Status Enabled

UDP/IP Enabled

IPX Enabled

SMTP/POP3

Port Status Disabled

Internet Services

Port Status Enabled

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FUJI XEROX

These are necessary information for configuring the computer. They can be changed. Refer to "3.3 Changing the Host Name and Workgroup Name" on how to change them.

If necessary, change the SMB host name and workgroup name.

- Host Name: Factory setting is FXnnnnnn ("nnnnnn" is the last six digits of the Ethernet address set for the network card)
- Work Group Name: Factory setting is **WORKGROUP**.

These items cannot be set at the control panel. If there is a need to change these items, do so from the CentreWare Internet Services or the Windows client.

This section explains the procedure to change from the Windows client.

Note

- From CentreWare Internet Services or the Windows client, you can change not only the host name and workgroup name, but also other SMB environment settings.
- CentreWare Internet Services is available in TCP/IP environment and can be used when the printer has been set with an IP address.

See

"Chapter 5 Using CentreWare Internet Services" or the online Help files of CentreWare Internet Services for information on CentreWare Internet Services

3.3.1 Changing from the Windows Client

When changing host name or workgroup name from the client computer, you can access files of the printer through the Windows network. As such, SMB settings can be changed by overwriting the contents in the files of the printer. However, you will need to have the administrator name and password to change the settings using this method.

LOOK

The factory settings of the administrator name and password are listed below. For better security management, change the settings as early as possible. Use the Windows client or the CentreWare Internet Services to make these changes.

- Administrator name: admin
- Password: admin

The procedure is as follows. Here, we will use Windows 98 as an example.

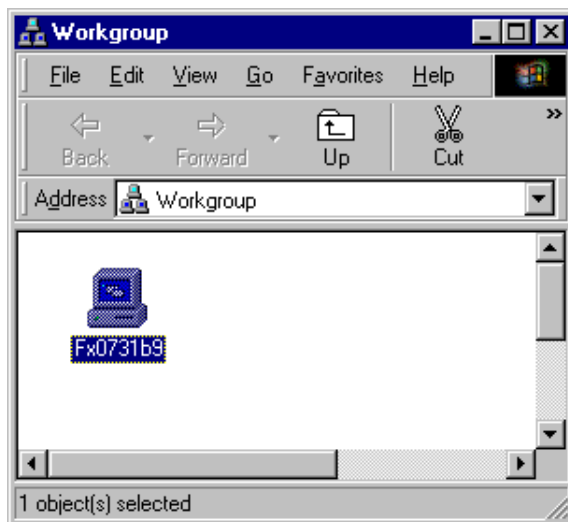
Procedure

- 1 Switch on the computer and activate Windows 98.
- 2 Double-click the **Network Neighborhood** icon.

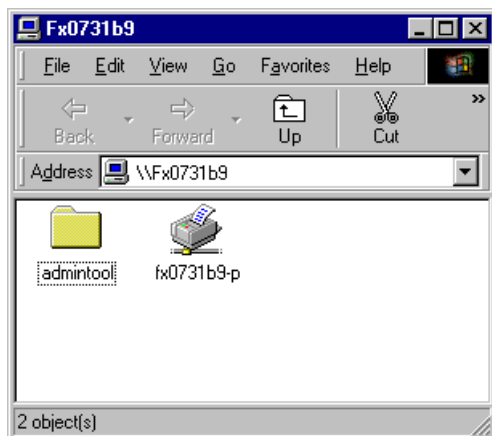
- 3** From the Network Neighborhood list, double-click the SMB workgroup (Factory setting: WORKGROUP) and then the icon with the host name.

Note

The factory setting of the host name of the printer is FXnnnnnn ("nnnnnn" is the last six digits of the Ethernet address set for the network card). Print out the Printer Settings to check and confirm the host name.



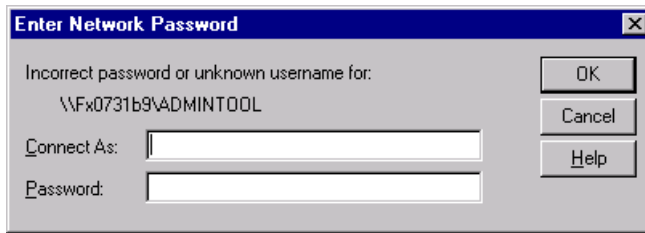
- 4** Double-click the **admintool** folder.



- 5** Enter the password and click **OK**.

LOOK

- For Windows 95/Windows 98/Windows Me, you need to enter only the password.
- For Windows NT 4.0/Windows 2000/Windows XP, the following dialog box is displayed. Enter the user name (administrator name) and password.
Windows NT 4.0 is used as an example.

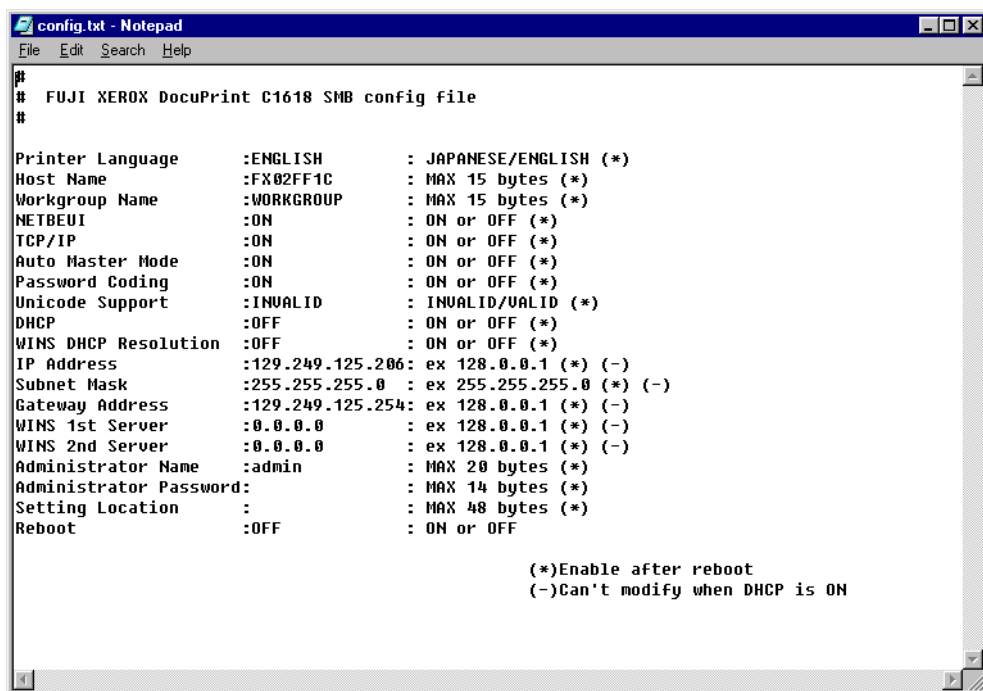


6 Using Notepad, open the config.txt icon displayed.

LOOK

Use Notepad to edit the config.txt file. If other editors are used, and you change Reboot to ON for the config.txt file, the editors might not function temporarily.

7 If necessary, change each item and then save the config.txt by overwriting it.



LOOK

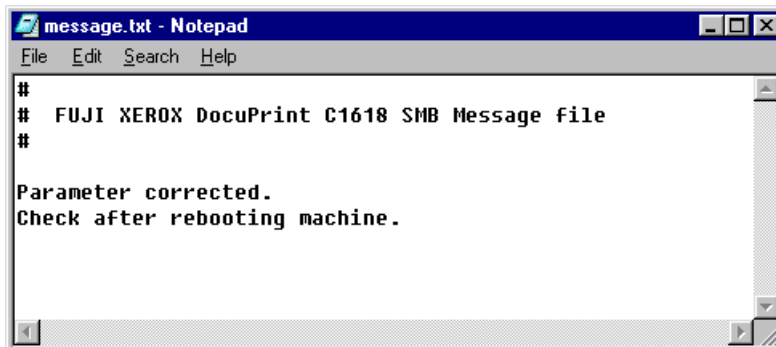
If you copy the config.txt file onto the client and edit it, the edited file might not be able to be saved into the admintool folder. Before copying the config.txt file from the client, delete the config.txt file inside the admintool folder.

Note

- Workgroup: can be set up to 15 bytes.
- Host Name: printer name; can be set up to 15 bytes.
- For details of the config.txt file, refer to the section after this procedure, "Setting Format of Config.txt File".

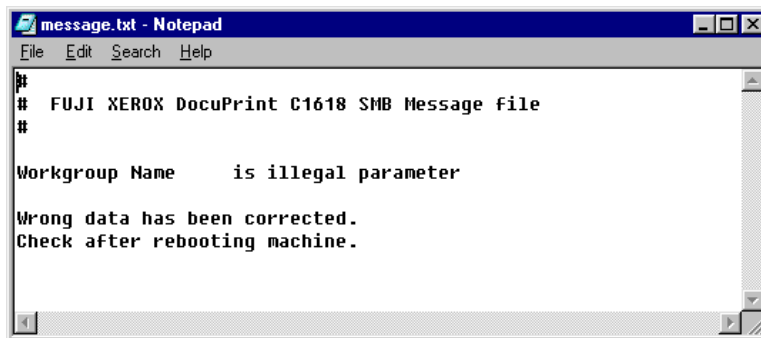
When a config.txt file is saved, a message.txt file will be created in the admintool folder. You can use the message.txt file to check if the settings based on the config.txt file is effective or not.

- 8 Open the message.txt file and check that the following description is displayed.



LOOK

- If the message.txt file is not displayed in the admintool folder, select **Refresh** from the View menu of the printer dialog box.
 - If an error message appears in the message.txt file, the settings might not be correctly specified. Check and correct the contents of the settings using the config.txt file.
- Example of incorrect settings:



- 9 Switch off the printer, and then switch it on again.

●●● Setting Format of Config.txt File

Item	Remarks	Value	Factory Setting
Printer Language	Language to be used.	Japanese/ English	English
Host Name	Up to 15 alphanumeric characters can be used to enter the printer host name.	Maximum 15 bytes	FXnnnnnn (nnnnnn: last six digits of the printer Ethernet address)
Workgroup	Up to 15 alphanumeric characters can be used for the printer workgroup name.	Maximum 15 bytes	WORKGROUP
NETBEUI	Set to On when NETBEUI protocol is used.	On or Off	On
TCP/IP	Set to On when TCP/IP protocol is used.	On or Off	On
Auto Master Mode	Set to On when the automatic browse master feature is used.	On or Off	On
Encrypt Password	Set to On when the password coding is used.	On or Off	On
Unicode Support	If unicode is supported, set to Enable. If unicode is not supported and Shift JIS local code is used, set to Disable.	Enable or Disable	Disable
DHCP	Set to On when IP address is obtained from the DHCP server.	On or Off	On
WINS DHCP Resolve	Set to Yes when WINS server address is obtained from the DHCP server while WINS is being used.	On or Off	On
IP Address	The IP address can be set when the IP address is not obtained from the DHCP server.		0.0.0.0
Subnet Mask	Set the subnet mask.		0.0.0.0
Gateway Address	Set the gateway address.		0.0.0.0
WINS Primary Server Address	Enter the IP address of the WINS server when the WINS address is not obtained from the DHCP server. When WINS is not used, enter "0.0.0.0".		0.0.0.0
WINS Secondary Server Address	Enter the IP address of another WINS server when the WINS address is not obtained from the DHCP server and there are at least two WINS servers. If this has been entered and the WINS 1st server does not work, this server can be used as the WINS server. When WINS is not used, enter "0.0.0.0".		0.0.0.0

Item	Remarks	Value	Factory Setting
Administrator Name	Up to 20 alphanumeric characters can be used.	Maximum 20 bytes	admin
Administrator Password	Up to 14 alphanumeric characters can be used. However, the password set is not displayed after the printer is rebooted.	Maximum 14 bytes	admin (not displayed)
Location	Comments about the location for setting (like installation floor) can be entered.	Maximum 48 bytes	
Reboot	If Yes is set, the printer will be automatically rebooted after editing the config.txt file.	Yes or No	No

3.4 Configuring the Client

To print from a Windows client in SMB environment, install the printer driver to the computer.

The printer driver can be installed using the Fuji Xerox Setup Menu when the Software Pack CD-ROM is inserted into the CD-ROM drive.

The procedure to install the printer driver is explained according to the computer OS type.

●●● Setup Disk

If you want to install the printer driver to multiple computers on the network, it is recommended that you create a setup disk after installing the printer driver to one computer. With this disk, you need only to execute the setup.exe command in the disk to the other computers and you can install a printer driver of similar settings to all the computers.

LOOK

The setup disk can only be used on the OS on which the disk was created or computers running the same OS.

See

Software Pack Operation Guide which comes with the Software Pack CD-ROM for information on creating the setup disk and the installation method using the disk.

For details of installing the printer driver, refer to the manuals bundled with this machine.

3.4.1 Installing the Printer Driver (Windows 95/Windows 98/Windows Me)

The procedure is as follows. Here, we will use Windows 98 as an example.

●●● Installing the Printer Driver

Procedure

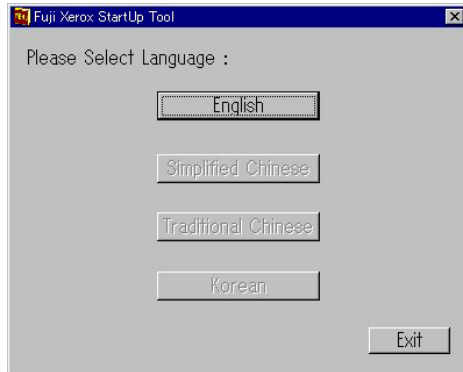
- 1 Switch on the printer.
- 2 Switch on the computer and activate Windows 98.
- 3 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

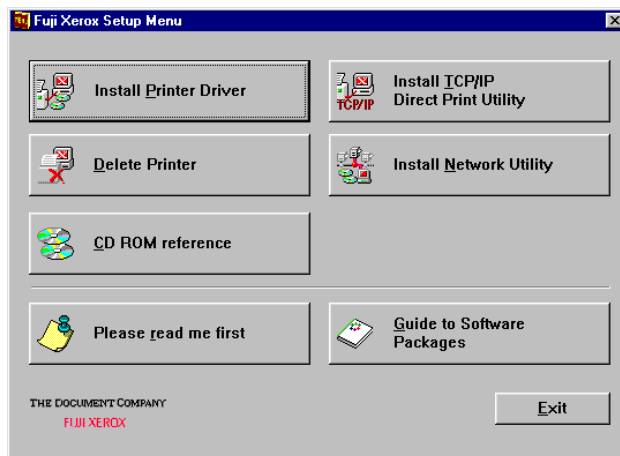
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the **Install_e.exe** icon in the CD-ROM. Proceed to Step 5.

4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click **Install Printer Driver**.



6 Follow the displayed screens to continue with the installation.

Setting the Destination Port

To set the destination port, select **Network**, and click **Browse**. Using the dialog box displayed, specify settings as follows:

1. From the network list, search and select the printer. The printer will be displayed as "host name-p" and will be under the host name icon.

Note

When you do not know the workgroup name and host name of the printer, either check with the network administrator, or print out the Printer Settings to confirm. Refer to "3.2.3 Checking the Settings (printing printer settings)" for further information on printing the Printer Settings.

2. Click **OK**.

- 7** When the printer driver has been installed, click **Exit** at each of the dialog box to close the Fuji Xerox Setup Menu.
- 8** Take out the CD-ROM from the CD-ROM drive.

●●● Testing Printing

To check the connection, print the test page.
The procedure is as follows:

Procedure

- 1** Click the Start menu, and select **Settings** and then **Printers**.
The Printers window is displayed.
- 2** The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and click **Properties** from the Printer menu.
The printer properties dialog box is displayed.
- 3** Click **Print Test Page** on the General tab.
A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 4** Check the print results, and if the test page is printed correctly, click **Yes**.
- 5** Click **OK** on the printer properties dialog box.

3.4.2 Installing the Printer Driver (Windows NT 4.0/Windows 2000/Windows XP)

The procedure is as follows. Here, we will use Windows NT 4.0 as an example.

●●● Installing the Printer Driver

Procedure

- 1** Switch on the printer.
- 2** Switch on the computer.
Activate Windows NT 4.0, log on as a user of the Power group or Administrator group.
- 3** Insert the Software Pack CD-ROM into the CD-ROM drive.
The Fuji Xerox StartUp Tool dialog box is displayed automatically.

Note

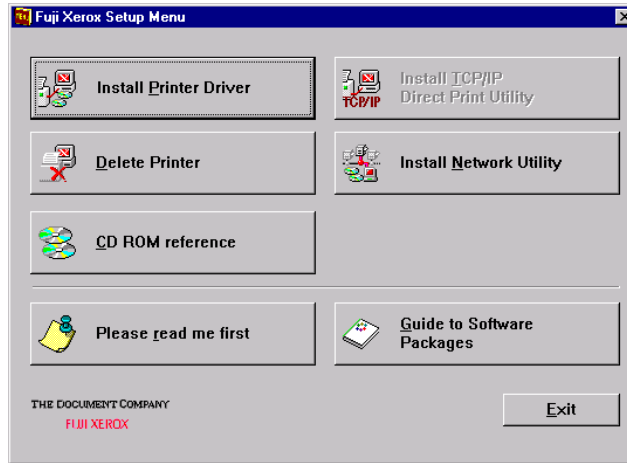
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the Sel-Lang.exe icon in the CD-ROM.

- 4** Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click **Install Printer Driver**.



6 Follow the displayed screens to carry out the installation.

Setting the Destination Port

To set destination port, click **Add Port** and proceed as follows using the Add Port dialog box.

1. Select **Network** and click **Browse**.
2. From the network list, search and select the printer. The printer will be displayed as "host name-p" and will be under the host name icon.

Note

When you do not know the workgroup name and host name of the printer, either check with the network administrator, or print out the Printer Settings to confirm. Refer to "3.2.3 Checking the Settings (printing printer settings)" for information on printing the Printer Settings.

3. Click **OK**.
4. Click **OK** on the Add Port dialog box.

7 When the printer driver has been installed, click **Exit** at each of the dialog box to close the Fuji Xerox Setup Menu.

8 Take out the CD-ROM from the CD-ROM drive.

●●● Testing Printing

To check the connection, print the test page.

The procedure is as follows:

Procedure

- 1 Click the Start menu, and select **Settings** and then **Printers**.

The Printers window is displayed.



In the case of Windows XP, Click **Printers and Faxes** in the Start menu.

- 2 The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and click **Properties** from the File menu.

The printer properties dialog box is displayed.

- 3 Click **Print Test Page** on the General tab.

A dialog box to confirm whether or not the test page is printed correctly will be displayed.

- 4 Check the print results, and if the test page is printed correctly, click **Yes**.

- 5 Click **OK** on the printer properties dialog box.

Chapter

4

Configuring in NetWare Environment

4.1	Using in NetWare Environment	92
4.2	Configuring the Printer	95
4.3	Configuring Fuji Xerox Network Utility	96
4.4	Configuring the Client.....	122

4.1 Using in NetWare Environment

This chapter explains the procedures of configuring DocuPrint C1618 to use in NetWare environment and print from a NetWare client computer.

Note

An optional network expansion card is required to use the printer in Netware environment.

4.1.1 System Environment

The printer supports the following versions of NetWare:

- NetWare 3.12/3.2 (bindery service)
- NetWare 4.1/4.11/4.2/5 (bindery service)
- NetWare 4.1/4.11/4.2/5 (directory service)

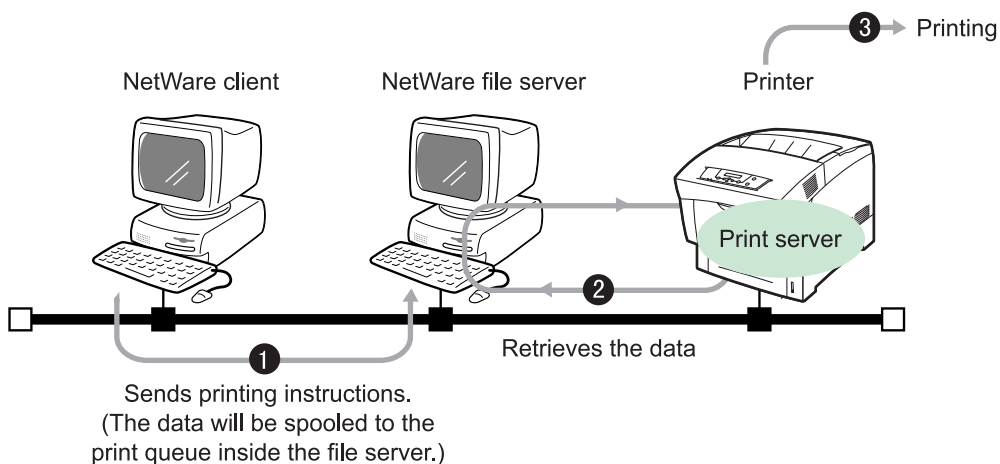
Directory service (NDS) and bindery service support the following modes respectively:

- print server mode in which the printer functions as a print server
- remote printer mode in which the printer functions as a remote printer

The printing procedure of the two modes are explained below. Decide on the mode to use before you begin on the installation of the printer.

••• Print Server Mode

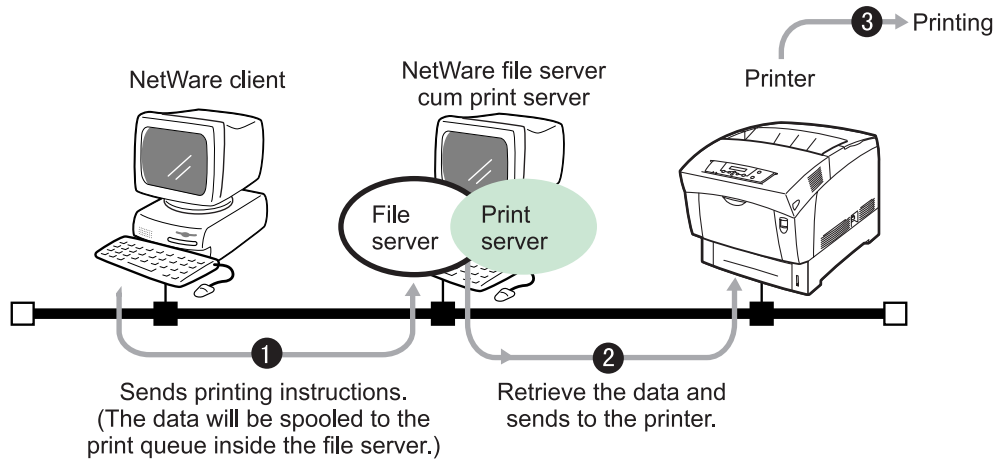
In the print server mode, the printer functions as the print server by retrieving and printing print jobs from the print queues on the file server. As it fully utilizes the printer functions, the system capacity of this mode is better than that of the remote printer mode. However, the printer uses up one user license of the file server.



Remote Printer Mode

In the remote printer mode, the print server running on the file server sends jobs to the printer. The printer prints out the jobs retrieved from the print server.

In this mode, the printer does not use up any user license of the file server. However, you need to have a print server on the network.



LOOK

For bindery service of NetWare 4.1 or later, connections to print server of 4.x cannot be made. As such, these bindery services cannot be activated on remote printer mode.

4.1.2 Interface

The following frame types are supported:

- Ethernet II specifications
- IEEE802.3 specifications
- IEEE802.2 specifications
- SNAP specifications

The frame types are automatically differentiated. However, if you want to specify specific frame type to be used, it can be done using the control panel, Fuji Xerox Network Utility, and CentreWare Internet Services (only if TCP/IP environment is available).

See

- "Chapter 5 Using CentreWare Internet Services" for information on CentreWare Internet Services and "4.3 Configuring Fuji Xerox Network Utility" for information on Fuji Xerox Network Utility
- Manuals bundled with this printer for information of the control panel

4.1.3 Overview of the Configuration

The overview of the configuration process is as follows:

Begin



Configuring the Printer and NetWare File Server

- Activate protocol (Not needed when setting up printer for the first time)
Start up NetWare (Factory setting: Enabled)
Start up SNMP IPX (Factory setting: Enabled)



"4.2.1 Activating the Protocol"

- Setting using Network Utility
Create object for DocuPrint C1618 on NetWare file server and specify settings on the printer



"4.3 Configuring Fuji Xerox Network Utility"

- Check settings



"4.3.3 Checking the Settings (Printing Printer Settings)"

Configuring the Client

- Install the printer driver



"4.4.2 Installing the Printer Driver (Windows NT 4.0/Windows 2000/Windows XP)"



End

4.2 Configuring the Printer

Use the control panel to activate the protocol to be used.

4.2.1 Activating the Protocol

LOOK

The factory setting of each protocol is set as Enabled. The following procedure is not necessary when you are setting up the network for the first time using a new printer.

To print in NetWare environment, activate NetWare for protocol.

And to activate SNMP agent in NetWare environment, activate SNMP IPX for protocol.

See

Refer to the manuals bundled with this printer for details of the control panel.

4.3 Configuring Fuji Xerox Network Utility

In NetWare environment, it is necessary to create print server object, printer object and print queue object for DocuPrint C1618 on the NetWare file server, and then specify settings for the created environment corresponding to the printer.

The procedure to specify these settings using Fuji Xerox Network Utility (to be called "network utility") is explained here. Each of these objects could also be created by Pconsole and NetWare Administrator, which are provided by NetWare. When the objects are all created, the TCP/IP environment is available, and IP address is set for the printer, you can also use the CentreWare Internet Services to set NetWare environment for the printer.



"Chapter 5 Using CentreWare Internet Services" or the online Help files of CentreWare Internet Services for information on CentreWare Internet Services

4.3.1 Installing Network Utility

The network utility operates on the NetWare client of a network. First of all, install the network utility onto the NetWare client computer.

The network utility will be automatically displayed when you insert the Software Pack CD-ROM into the CD-ROM drive and can be installed using the Setup Menu.

●●● Installation Requirements

To install network utility on the computer, the following conditions are required:

OS	Condition
Windows 95 Windows 98 Windows Me	Novell client for Windows 95/Windows 98/Windows Me installed and NetWare client settings completed
Windows NT 4.0 Windows 2000	Novell client for Windows NT/Windows 2000 installed and NetWare client settings completed

Here, we assume that the computer on the network has already satisfied the above mentioned conditions.



- Manuals related to Windows and NetWare for information on NetWare client settings
- When you install Network Utility, refer to the readme file in the NetUtil folder included with the CD-ROM.

Note

- Like NetWare environment, network utility can be used to set other environment for the printer.
For details on network utility, refer to the online Help file. The online Help file is displayed when **Help** on each dialog box of the network utility is clicked.
- If NetWare environment is not set, the network utility will run even if Novell Client is not installed.

●●● Installing Network Utility

The procedure of installing network utility is as follows.

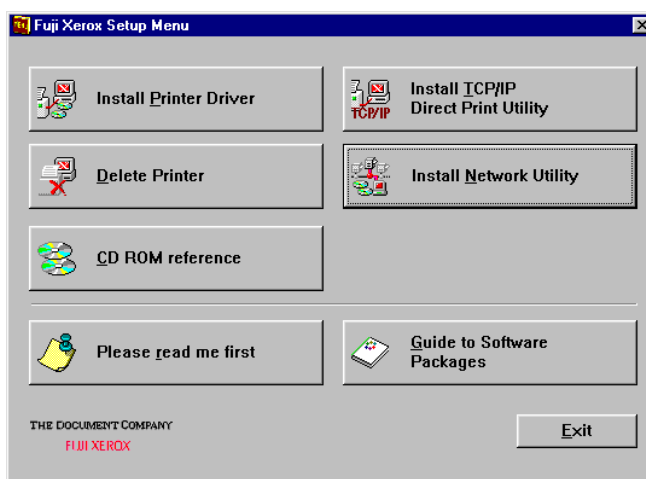
Procedure

- 1** Insert the Software Pack CD-ROM into the CD-ROM drive.
The Fuji Xerox StartUp Tool dialog box appears automatically.
- 2** Click Install Language.

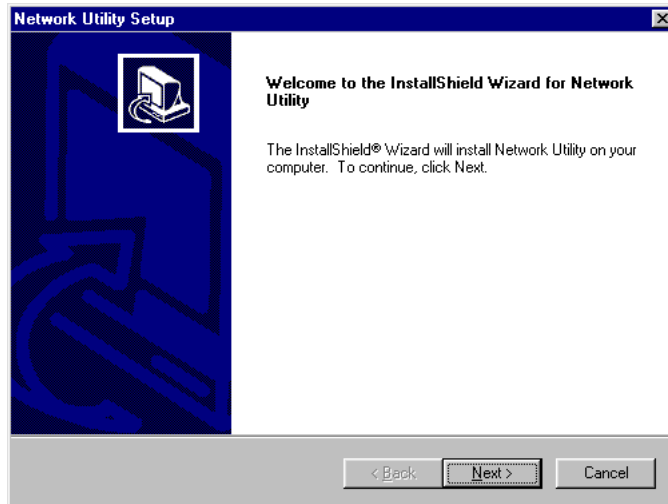


The Fuji Xerox Setup Menu is displayed.

- 3** Click **Install Network Utility**.



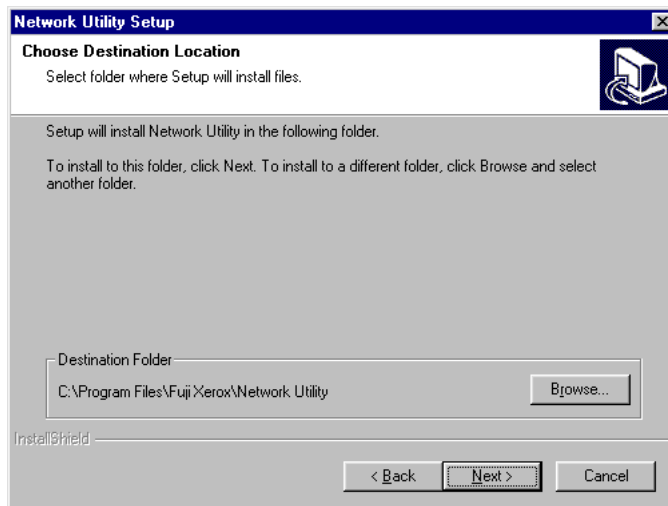
4 Click **Next**.



5 Check the path under Destination Folder, and click **Next** if it is all right.

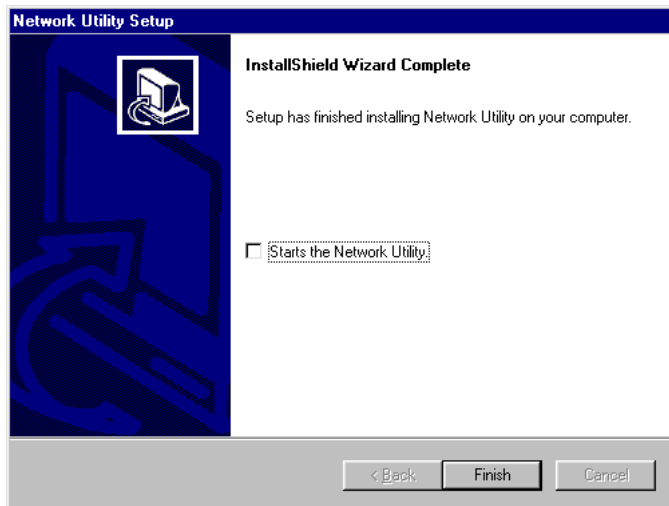
Note

To change the destination of the installation, click **Browse** and specify a directory of your choice, and then click **Next**.



The installation begins.

- 6** When the installation is completed, the following dialog box will be displayed. Click **Finish**.



- 7** Click **Exit** at each dialog box to close the Fuji Xerox Setup Menu.
- 8** Take out the CD-ROM from the CD-ROM drive.

4.3.2 Setting NetWare Environment

Using network utility, create print server object, printer object and print queue object for the use of DocuPrint C1618 on a NetWare file server, and then specify settings for the created environment corresponding to the printer.

The procedure is as follows:

See

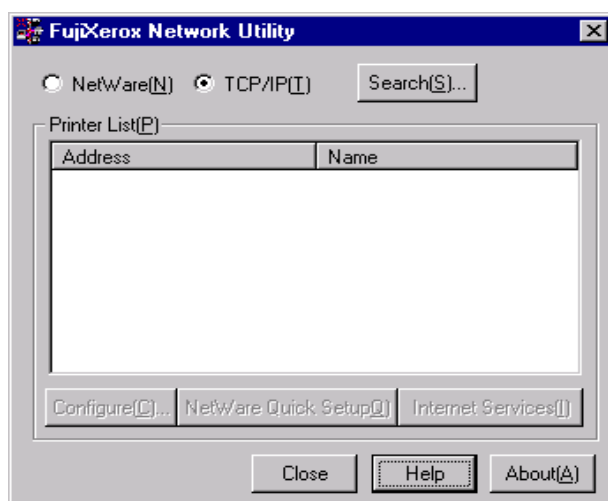
Online Help files for details of network utility

(The online Help file is displayed when you click **Help** on each dialog box of network utility.)

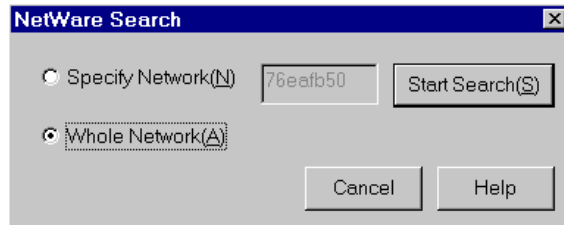
●●● Activating Network Utility

Procedure

- 1 Switch on the printer.
- 2 At the NetWare file server for creating the environment, log on as SUPERVISOR (for NetWare 3.x) or ADMIN (for NetWare 4.x or later).
- 3 From the Start menu, select **Programs**, followed by **Fuji Xerox Network Utility** and then **Network Utility**.
The software will be activated and the main Fuji Xerox Network Utility window displayed.
- 4 At the main window, select **NetWare** and then click **Search**.



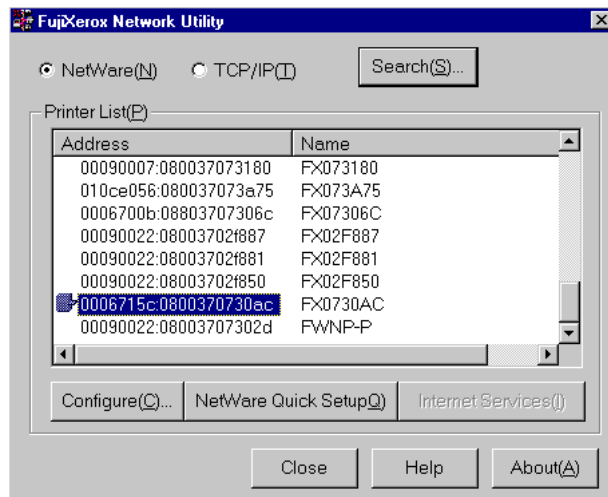
5 Select **Whole Network** and then click **Start Search**.



The printer connected to the network will be searched, and the search results will be displayed in Printer List of the main window.

6 From Printer List, select the printer to be set up and click **Configure**.

The factory setting of the printer is set as FXnnnnnn ("nnnnnn" is the last six digits of the Ethernet address set for the network card).



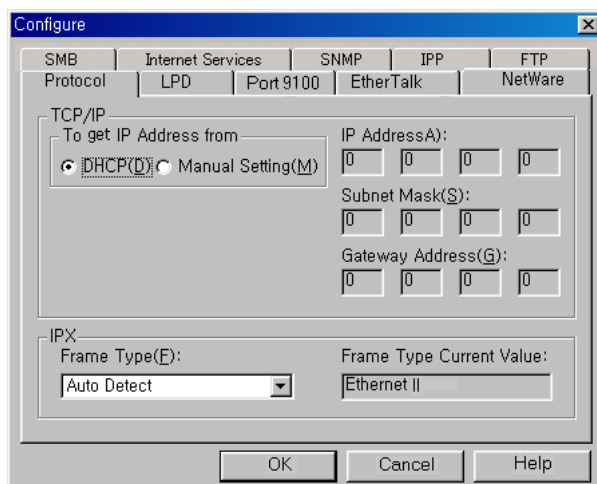
LOOK

- If you do not know the Ethernet address, check with your network administrator or print out the Printer Settings to check. Refer to "4.3.3 Checking the Settings (Printing Printer Settings)" for information on printing the Printer Settings.
- After each object is created, and the environment set up for the printer, the next object name will be displayed in Name of Printer List:
for print server mode → print server name;
for remote printer mode → printer name.
- When you cannot make any specific settings to the printer, select **Specify Network** on the NetWare Search dialog box and search again.
If you do not know the NetWare address, check with your network administrator or print out the Printer Settings to check.

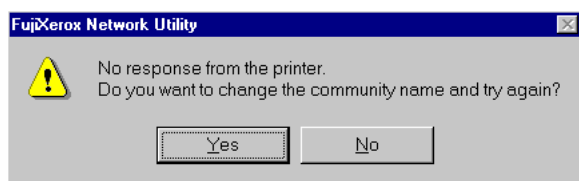
The Configure dialog box is displayed.

Note

Displayed tabs and setting items can be made depend on the types of printer and optional devices equipped.

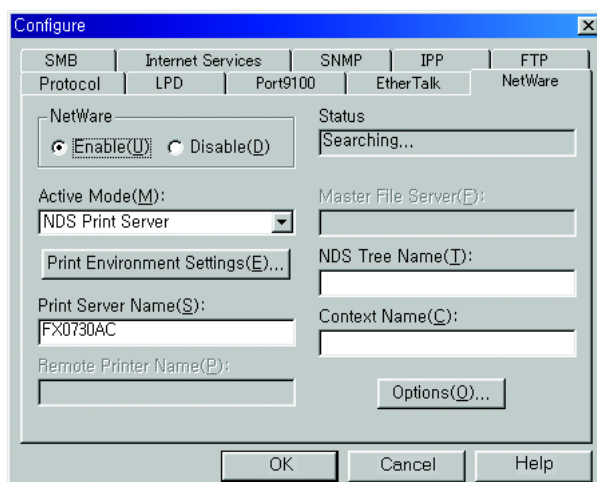
**LOOK**

When Configure is clicked and the following message is displayed, carry out the following treatment:



1. The printer might not be switched on or connected to the network.
In this case, click **No**, and then check and ensure that the power of the printer is switched on or the Ethernet cable is properly connected.
2. The community name of the printer might be changed. In this case, check with the administrator of the printer. Or you can click **Yes**, and the Input Community dialog box will be displayed. If you enter the correct community name, the Configure dialog box will be displayed.

7 Select **Active Mode** on the NetWare tab.



Depending on the mode selected, the procedure following will be different.
Proceed to the corresponding page.

For directory service:

when **NDS Print Server** or **NDS Remote Printer** is selected for Active Mode (See *"Configuring in Directory Service (NDS)", p.103*)

For bindery service:

when **Bindery Print Server** or **Bindery Remote Printer** is selected for Active Mode (See *"Configuring in Bindery Service", p.112*)

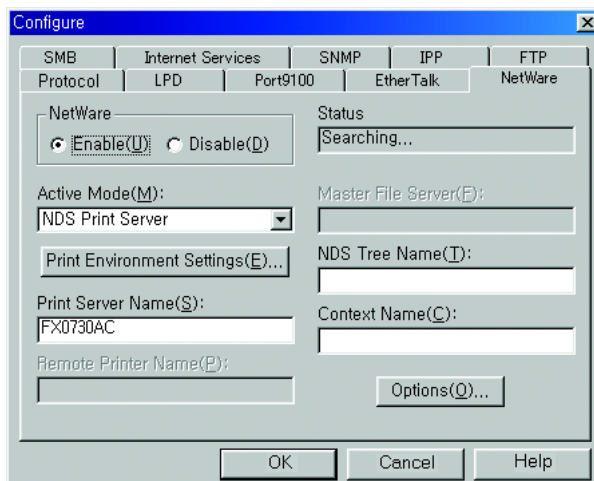
••• Configuring in Directory Service (NDS)

Here, we select NDS Print Server as an example.

We have to create the print server, printer, and each object of the queue for DocuPrint C1618 on the NetWare file server.

Procedure

1 Click **Print Environment Settings**.



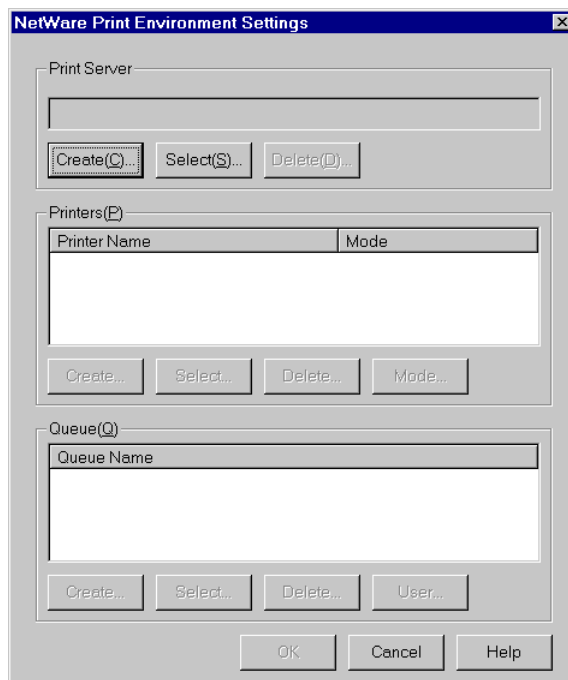
The NetWare Print Environment Settings dialog box is displayed.

Creating Print Server Object

2 Click **Create** for Print Server.

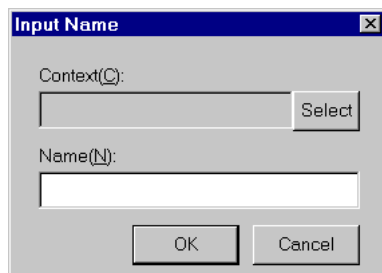
Note

If you are in remote printer mode, you can also select the print server that is already created. For the procedure, refer to the online Help file.



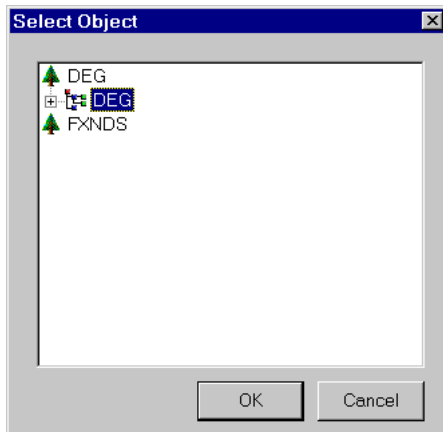
The Input Name dialog box is displayed.

3 Click **Select**.



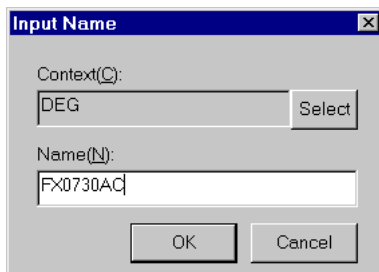
- 4** In the Select Object dialog box, select the context to create the object, and click **OK**.

Example: DEG under the DEG tree



- 5** Check that the selected object name is displayed in Context of the Input Name dialog box, enter the print server name in Name, and then click **OK**.

Example: FX0730AC



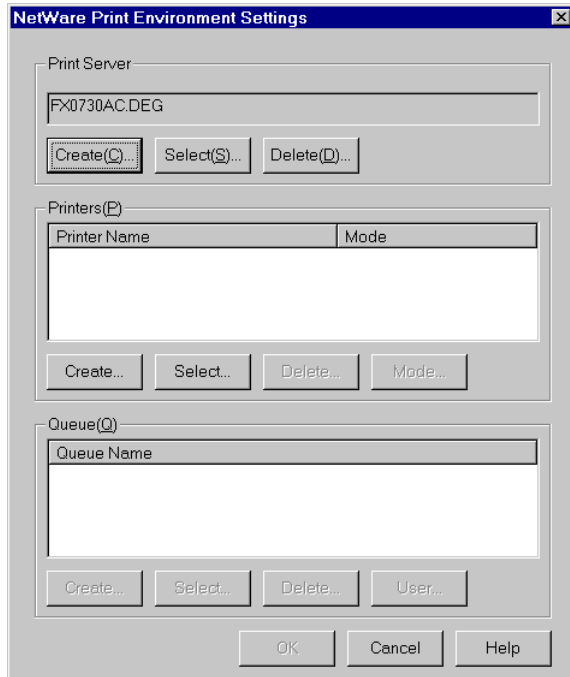
Note

It is recommended that the print server name be set as FXnnnnnn ("nnnnnn" is the last six digits of the Ethernet address set for the network card) to easily distinguish it on the network.

The print server name will be entered in Print Server of the NetWare Print Environment Settings dialog box.

Creating Printer Object

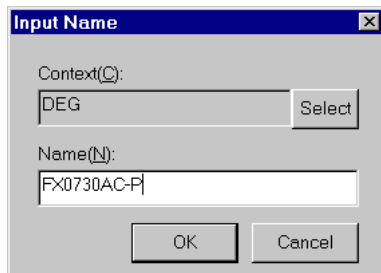
6 Click **Create** in the Printers.



The Input Name dialog box is displayed.

7 If Context is correctly set, enter printer name at Name, and click **OK**.

Example: FX0730AC-P



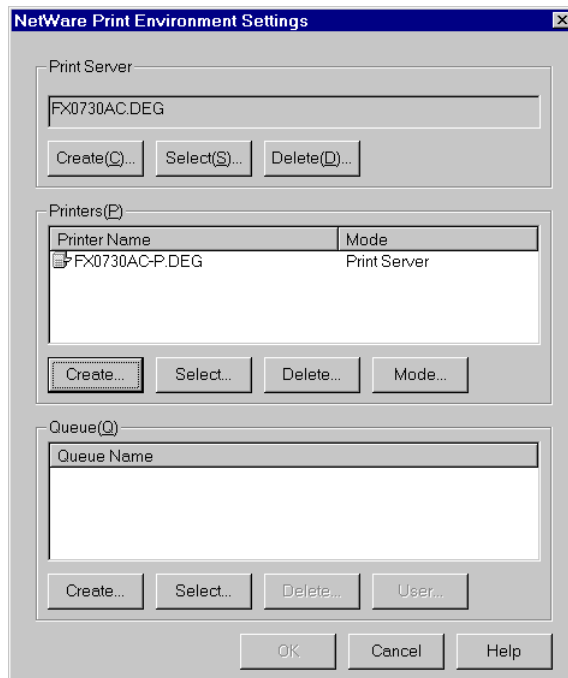
Note

It is recommended that the printer name be set as FXnnnnnn-P to easily distinguish it on the network.

The printer name will be entered in Printers of the NetWare Print Environment Settings dialog box. Also, either Print Server or Remote Printer will be displayed in Mode, depending on the mode activated.

Creating Print Queue Object

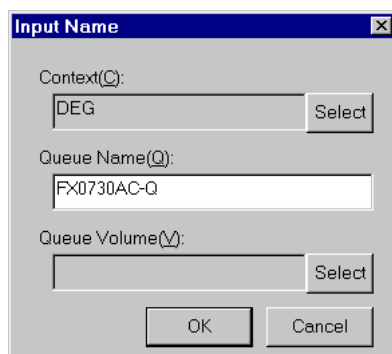
- 8 Click **Create** in the Queue group box.



The Input Name dialog box is displayed.

- 9 If Context is correctly set, enter print queue name at Queue Name, and click **OK**.

Example: FX0730AC-Q



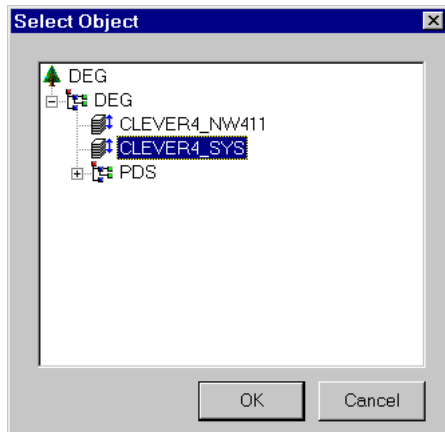
Note

It is recommended that the printer name be set as FXnnnnnn-Q to easily distinguish it on the network.

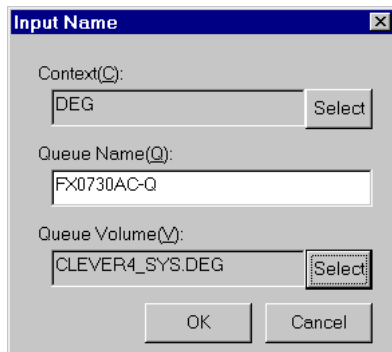
- 10 Click **Select** on the right of Queue Volume.

- 11 In the Select Object dialog box, select the volume of the created object, and then click **OK**.

Example: DEG\DEG\CLEVER4_SYS

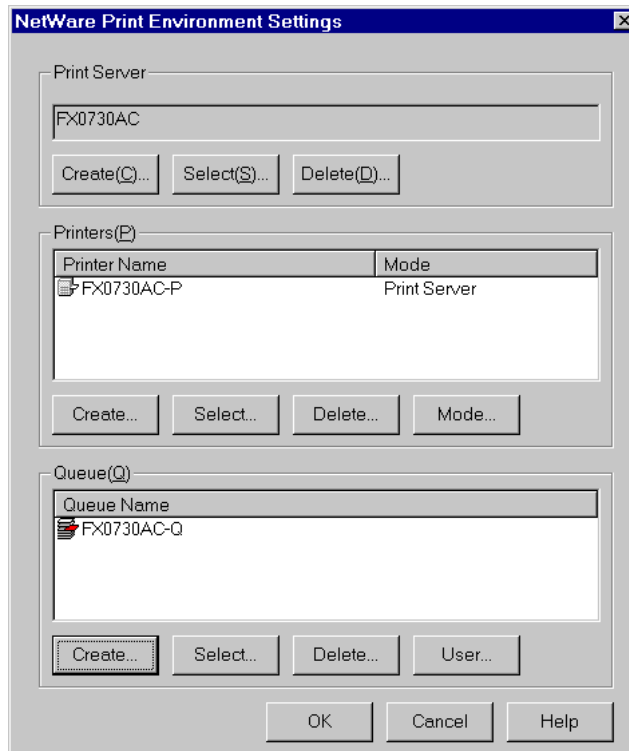


- 12 Check that the selected object name is displayed in Queue Volume of the Input Name dialog box, and then click **OK**.



The object name will be entered in Queue of the NetWare Print Environment Settings dialog box.

- 13** When the print server, printer and queue are all set, click **OK** on the NetWare Print Environment Settings dialog box.



Note

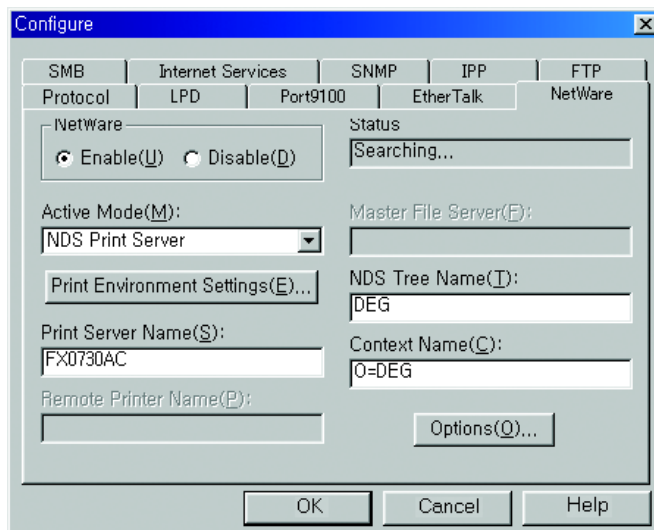
You can specify users that can be connected to the queue by clicking **User**.

- 14** Check that the settings specified in the NetWare Print Environment Settings dialog box are entered in the NetWare tab of the Configure dialog box as follows:

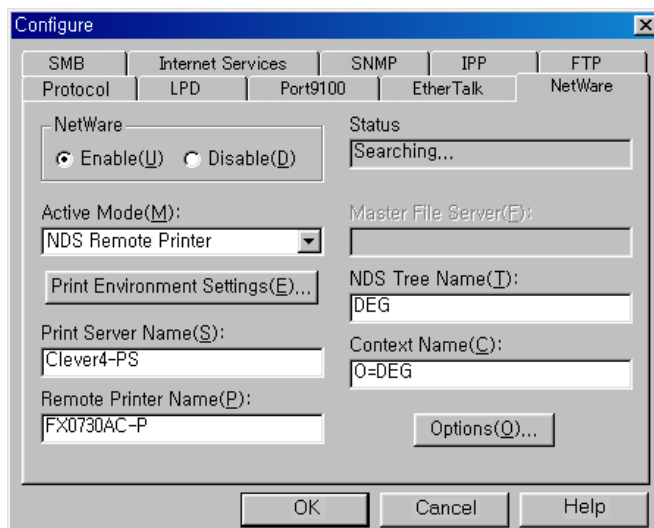
Example:

Item	Print Server Mode	Remote Printer Mode
① Print Server Name	FX0730AC	Assume the existing CLEVER4-PS is selected
② Remote Printer Name	-	FX0730AC-P
③ NDS Tree Name	DEG	DEG
④ Context Name	O=DEG	O=DEG

- Print server mode

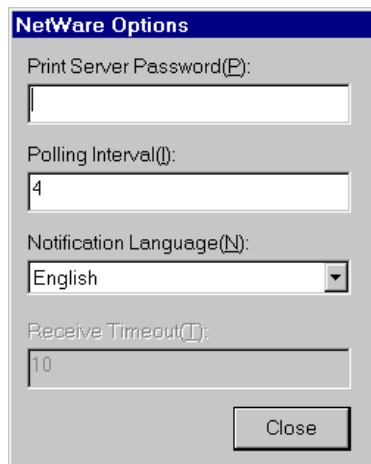


- Remote printer mode

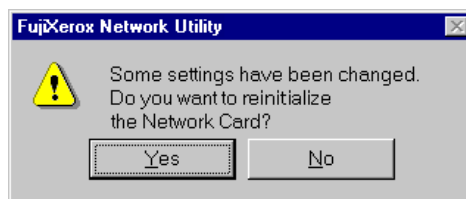


15 Click **Options**.

The NetWare Options dialog box is displayed.

16 If necessary, set each item and click **Close**.**Note**

For remote printer mode, **Print Server Password** and **Receive Timeout** can be set.

Enabling the Settings**17** Click **OK** on the NetWare tab to enable the NetWare settings in the printer.**18** Click **Yes** on the next dialog box.

The settings will be sent to the printer and the printer reactivated.

19 When the network utility returns to the main window, click **Close**.

20

For remote printer mode, reactivate NetWare print server on the NetWare file server.

Example: For print server name **CLEVER4-PS**:

```
UNLOAD PSERVER (Press Enter on the keyboard)
LOAD PSERVER CLEVER4-PS (Press Enter on the keyboard)
```

See

The way to reactivate the NetWare print server differs according to the environment being used. For details, refer to manuals related to NetWare.

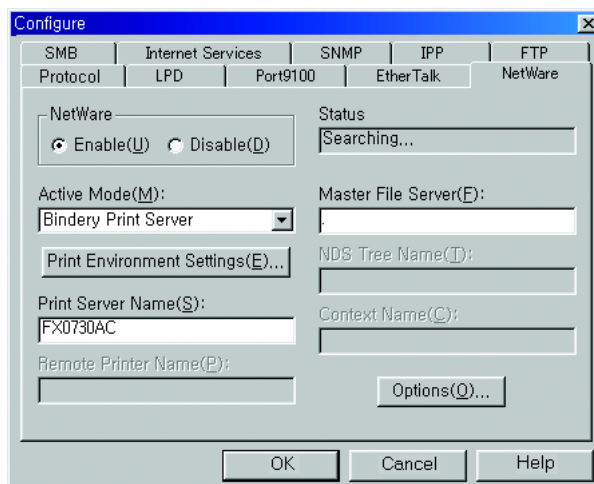
••• Configuring in Bindery Service

Here, we select **Bindery Print Server** as an example.

We have to create the print server, printer, and each object of the queue for DocuPrint C1618 on the NetWare file server.

Procedure

1 Click **Print Environment Settings**.

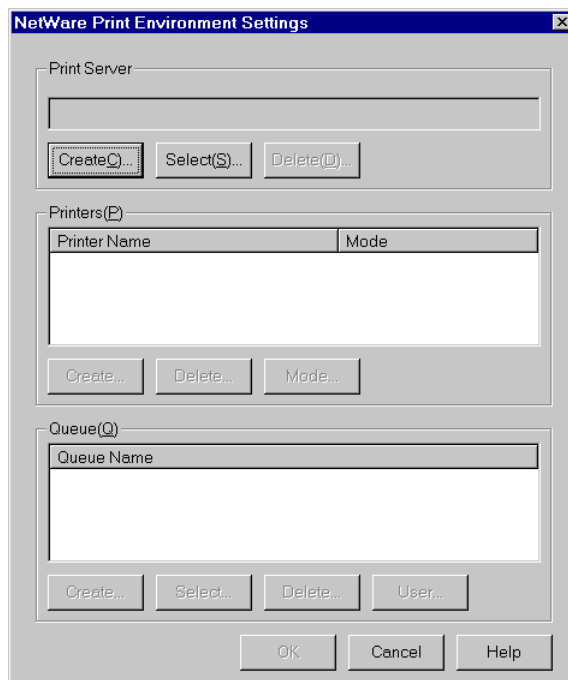


Creating Print Server Object

2 Click **Create**.

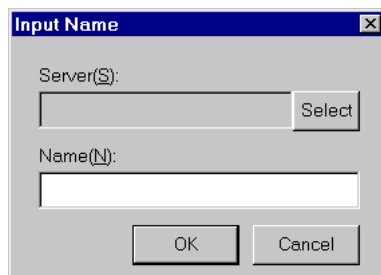
Note

If you are in remote printer mode, you can also select the print server that is already created. For the procedure, refer to the online Help file.



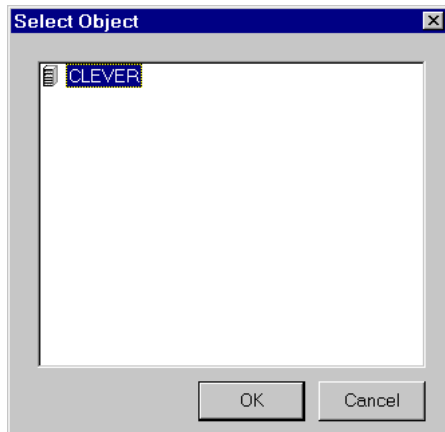
The Input Name dialog box is displayed.

3 Click **Select**.



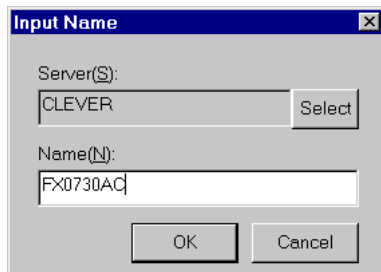
- 4 Inside the Select Object dialog box, select the file server to create the object, and then click **OK**.

Example: CLEVER



- 5 Check that the selected file server name is displayed in Server of the Input Name dialog box, enter the print server name in Name, and then click **OK**.

Example: FX0730AC



Note

It is recommended that the print server name be set as FXnnnnnn ("nnnnnn" is the last six digits of the Ethernet address set for the network card) to easily distinguish it on the network.

The print server name will be entered in Print Server of the NetWare Print Environment Settings dialog box.

Creating Printer Object

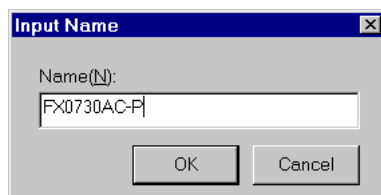
- 6** Click **Create** (in the Printers group box).



The Input Name dialog box is displayed.

- 7** Enter the printer name at Name, and click **OK**.

Example: FX0730AC-P



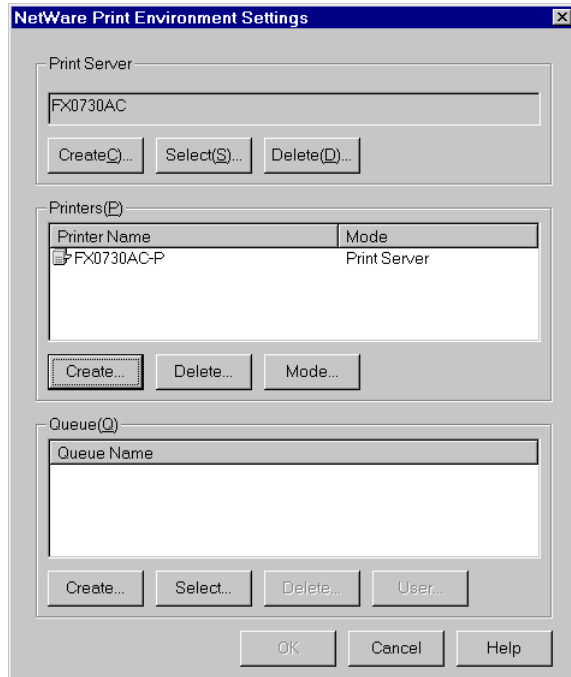
Note

It is recommended that the printer name be set as FXnnnnnn-P to easily distinguish it on the network.

The printer name will be entered in Printers of the NetWare Print Environment Settings dialog box. Also, either Print Server or Remote Printer will be displayed in Mode, depending on the mode activated.

Creating Print Queue Object

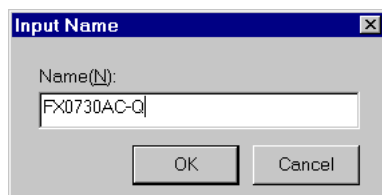
- 8** Click **Create** (in the Queue group box).



The Input Name dialog box is displayed.

- 9** Enter the print queue name at Name, and click **OK**.

Example: FX0730AC-Q

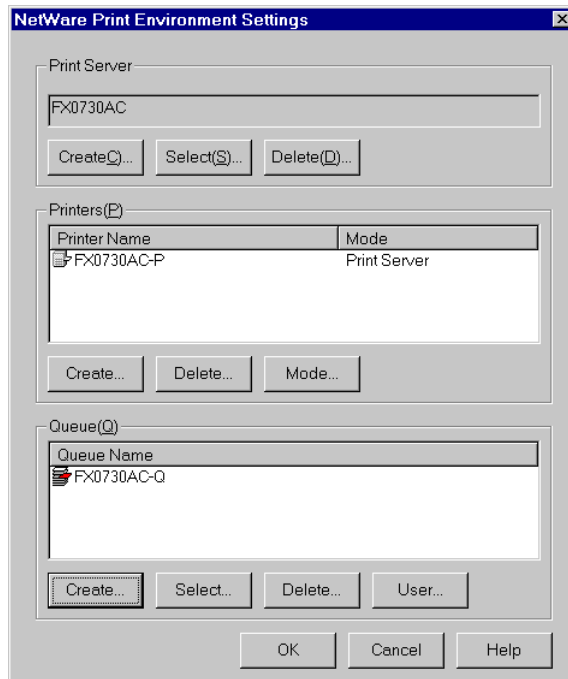


Note

It is recommended that the printer name be set as FXnnnnnn-Q to easily distinguish it on the network.

The print queue name will be entered in Queue of the NetWare Print Environment Settings dialog box.

- 10** When the print server, printer and queue are all set, click **OK** on the NetWare Print Environment Settings dialog box.



Note

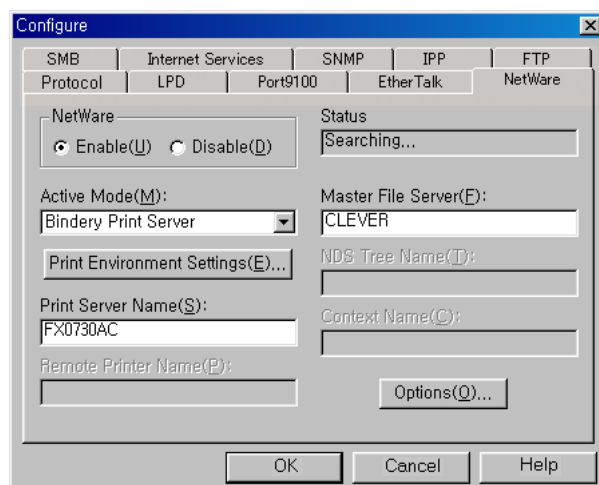
You can specify users that can be connected to the queue by clicking **User**.

- 11** Check that the settings specified in the NetWare Print Environment Settings dialog box are entered in the NetWare tab of the Configure dialog box as follows:

Example:

Item	Print Server Mode	Remote Printer Mode
① Print Server Name	FX0730AC	Assume the existing CLEVER-PS is selected
② Remote Printer Name	-	FX0730AC-P
③ Master File Server	CLEVER	CLEVER

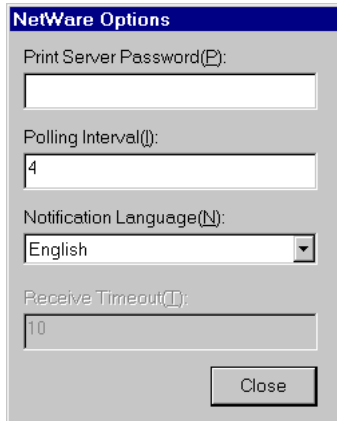
Example: Print server mode



- 12** Click **Options**.

The NetWare Options dialog box is displayed.

- 13** If necessary, set each item and click **Close**.

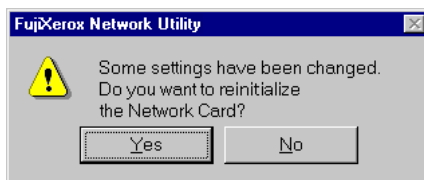


Note

For remote printer mode, only Receive Timeout can be set.

Enabling the Settings

- 14** Click **OK** on the NetWare tab to enable the NetWare settings in the printer.
- 15** Click **Yes** on the next dialog box.



The settings will be sent to the printer and the printer reactivated.

- 16** When the network utility returns to the main window, click **Close**.
- 17** For remote printer mode, reactivate NetWare print server on the NetWare file server.

Example: For print server name **CLEVER-PS**:

UNLOAD PSERVER (Press **Enter** on the keyboard)
LOAD PSERVER CLEVER-PS (Press **Enter** on the keyboard)

See

The way to reactivate the NetWare print server differs according to the environment being used. For details, refer to manuals related to NetWare.

4.3.3 Checking the Settings (Printing Printer Settings)

Print the Printer Settings to check settings. The Printer Settings is printed out using the control panel.


Note

Listed items depend on the model of printer or optional devices equipped. For details on how to print a printer setting List, refer to the Printer's User's Manual.

Printer Settings (Example)

DocuPrint C1618

Printer Settings



General

Total Number of Prints 24sheets

Drum Counter 2counts

Memory Capacity 192M byte

Printer Language PCL6:200203071447

Number of Fonts Available For PCL6

Roman:80fonts

F/W Version 200203081309

Boot Version 200202081135

IOT Version 1.6.2(1.6.3)

DACS Version 200107161307

PDF Version 200203071443

Network

F/W Version 5.85

Ethernet Address 00:80:77:40:00:28

Ethernet Settings 10Base-T Half (Auto)

TCP/IP Settings Panel

IP Address 129.249.242.179

Subnet Mask Address 255.255.255.0

Gateway Address 129.249.242.254

IPX/SPX Settings

IPX Frame Type ETHERNET-II (AUTO)

Network Address 00067015:008077400028

Protocol LPD,Port9100,IPP

SMB,NetWare®

FTP,SNMP

SMTP/POP3

Internet Services

IP Filter Off

Printer Options

Extra Network Card On

Paper Tray Tray1,2,3,Bypass Tray

Option Tray Module 2-Tray Module

Hard Disk On

Contents Bridge Enhance Kit Off

Parallel

ECP Enabled

LPD

Port Status Enabled

Port9100

Port Status Enabled

IPP

Port Status Enabled

SMB

Port Status Enabled

TCP/IP Enabled

NetBEUI Enabled

Host Name FX400028

Work Group Name WORKGROUP

NetWare®

Port Status Enabled

Active Mode DS-Pserver Mode

Device Name FX400028

Tree Name

Context Name

FTP

Port Status Disabled

SNMP

Port Status Enabled

UDP/IP Enabled

IPX Enabled

SMTP/POP3

Port Status Disabled

Internet Services

Port Status Enabled

This is an example of a Directory Service in print server mode.

Check the protocol status

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NetWare is a registered trademark of Novell Inc.

THE DOCUMENT COMPANY
FUJI XEROX

4.4 Configuring the Client

To print from a NetWare client in NetWare environment, install the printer driver to the computer.

The printer driver can be installed using the automatically displayed Fuji Xerox Setup Menu when the Software Pack CD-ROM is inserted into the CD-ROM drive.

The procedure to install the printer driver is explained according to the computer OS.

Note

Here, it is assumed that the client setting of NetWare environment in the computer has been completed.

••• Setup Disk

If you want to install the printer driver to multiple computers on the network, it is recommended that you create a setup disk after installing the printer driver to one computer. With this disk, you need only to execute the setup.exe command in the disk to the other computers and you can install a printer driver of similar settings to all the computers.

LOOK

The setup disk can only be used on the OS on which the disk was created or computers running the same OS.

Note

Software Pack Operation Guide which comes with the Software Pack CD-ROM for information on creating the setup disk and the installation method using the disk.

For details of installing the printer driver, refer to the manuals bundled with this machine.

4.4.1 Installing the Printer Driver (Windows 95/98/Me)

The procedure is as follows.

••• Installing the Printer Driver

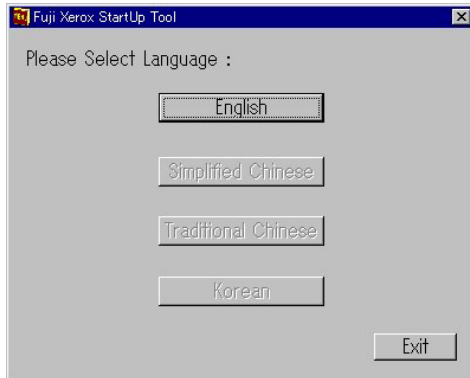
- 1** Switch on the printer.
- 2** Switch on the computer and activate windows, and log on to the NetWare file server created with an object for DocuPrint C1618.
- 3** Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box appears automatically.

Note

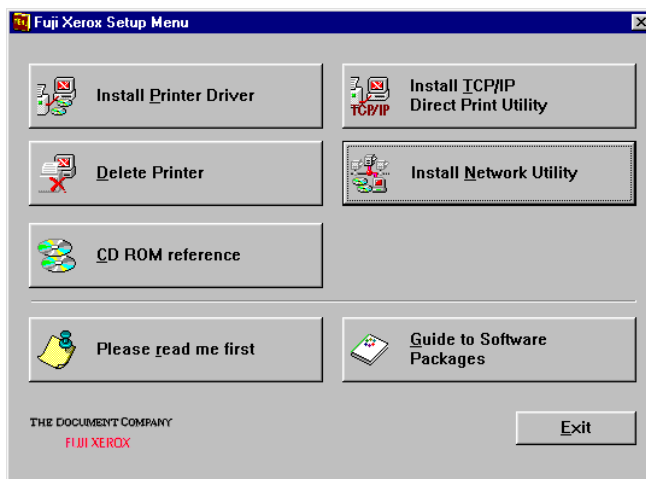
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the **Install_e.exe** icon in the CD-ROM. Proceed to Step 5.

4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click Install Printer Driver.



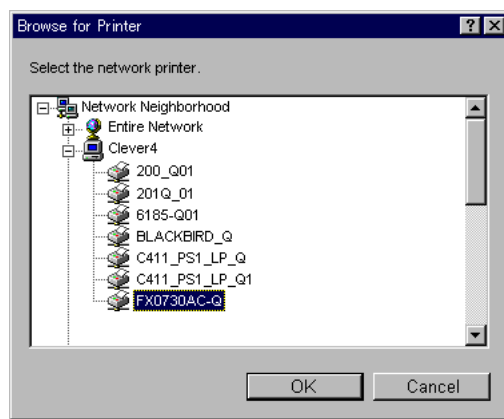
- 6** Follow the displayed screens to continue with the installation.

Setting the Destination Port

To set the destination port, select **Network**, and click **Browse**. Using the dialog box displayed, specify settings as follows:

1. From the network list, search and select the print queue. The print queue will be displayed under the icon of the NetWare file server.

Example: For file server, "CLEVER4" and print queue name, "FX0730AC-Q".



Note

When you do not know the print queue name, check with the network administrator.

2. Click **OK**.

- 7** When the printer driver has been installed, click **Exit** at each of the dialog box to close the Fuji Xerox Setup Menu.

- 8** Take out the CD-ROM from the CD-ROM drive.

●●● Testing Printing

To check the connection, print the test page.
The procedure is as follows:

Procedure

- 1** Click the Start menu, and select **Settings** and then **Printers**.
The Printers windows is displayed.
- 2** The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and click **Properties** from the Printer menu.
The printer properties dialog box is displayed.
- 3** Click **Print Test Page** on the General tab.
A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 4** Check the print results, and if the test page is printed correctly, click **Yes**.
- 5** Click **OK** on the printer properties dialog box.

4.4.2 Installing the Printer Driver (Windows NT 4.0/Windows 2000/Windows XP)

The procedure is as follows. Here, we will use Windows NT 4.0 as an example.

●●● Installing the Printer Driver

Procedure

- 1** Switch on the printer.
- 2** Switch on the computer.
Activate Windows NT4.0, and log on to the NetWare file server created with an object for DocuPrint C1618.

4.4 Configuring the Client

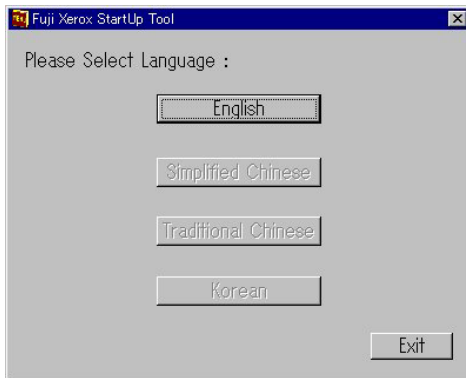
3 Insert the Software Pack CD-ROM into the CD-ROM drive.

The Fuji Xerox StartUp Tool dialog box is displayed automatically.

Note

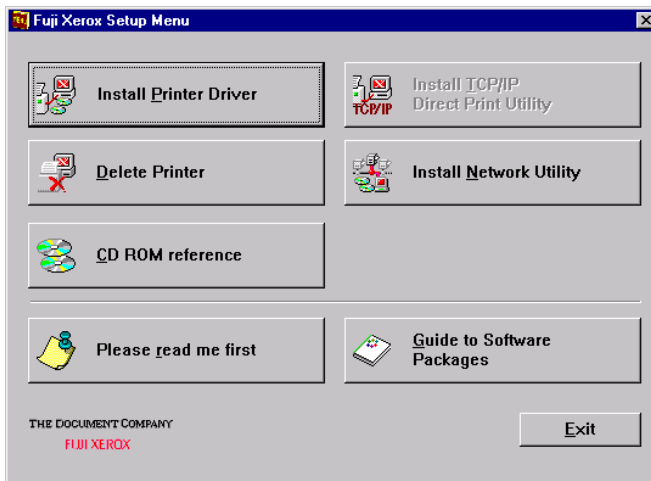
If the Fuji Xerox StartUp Tool dialog box does not appear automatically, double-click the **Install_e.exe** icon in the CD-ROM. Proceed to Step 5.

4 Click Install Language.



The Fuji Xerox Setup Menu is displayed.

5 Click **Install Printer Driver**.

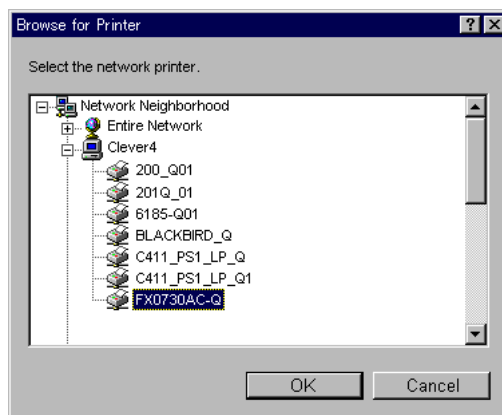


6 Follow the displayed screens to continue with the installation.

Setting the Destination Port

To set the destination port, click **Add Port** and proceed as follows using the Add Port dialog box.

1. Select **Network** and click **Browse**.
2. From the network list, search and select the print queue. The print queue will be displayed under the icon of the NetWare file server.
Example: For file server, "Clever4" and print queue, "FX0730AC-Q".



Note

When you do not know the print queue name, check with the network administrator.

3. Click **OK**.
4. Click **OK** on the Add Port dialog box.

7 When the printer driver has been installed, click **Exit** at each of the dialog box and close the Fuji Xerox Setup Menu.

8 Take out the CD-ROM from the CD-ROM drive.

●●● Testing Printing

To check the connection, print the test page.

The procedure is as follows:

Procedure

- 1** Click the Start menu, and select **Settings** and then **Printers**.
The Printers window is displayed.
- 2** The DocuPrint C1618 printer icon has been added by the installation of the printer driver. Double-click this added printer icon and click **Properties** from the Printer menu.
The printer properties dialog box is displayed.
- 3** Click **Print Test Page** on the General tab.
A dialog box to confirm whether or not the test page is printed correctly will be displayed.
- 4** Check the print results, and if the test page is printed correctly, click **Yes**.
- 5** Click **OK** on the printer properties dialog box.

Chapter

5

Using CentreWare Internet Services

5.1	Using CentreWare Internet Services.....	130
5.2	Configuring the Printer	132
5.3	Configuring the WWW Browser	133
5.4	Connecting to CentreWare Internet Services	137
5.5	CentreWare Internet Services Features.....	139

5.1 Using CentreWare Internet Services

CentreWare Internet Services is a software that enables the user to display the printer status or change the printer settings using a WWW browser from a computer on the network (instead of using the control panel) when DocuPrint C1618 has been configured in TCP/IP environment.

Using CentreWare Internet Services, the various settings that are specified in the "5: Network" menu screen from the printer control panel can be set from the computer on the network.

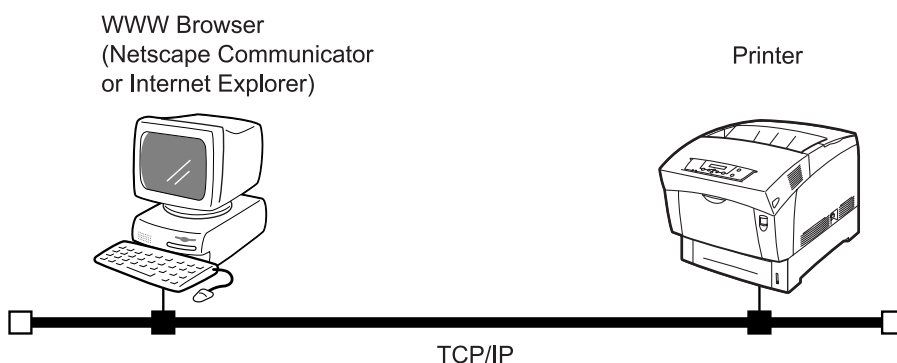
This chapter explains the ways to use CentreWare Internet Services.



The online Help file for details on the various features of CentreWare Internet Services

5.1.1 System Environment

To use CentreWare Internet Services, it is necessary to activate the network environment using TCP/IP protocol and the protocol used by the printer.



5.1.2 Target Browsers

The computer OS and WWW browser combinations that can be used by CentreWare Internet Services are as follows:

OS	WWW browser
Windows 95 Windows 98 Windows Me Windows NT 4.0 Windows 2000 Windows XP	<ul style="list-style-type: none"> • Netscape Communicator Ver.4.06 or later • Internet Explorer Ver.4.01 or later

5.1.3 Over view of the configuration

Begin



Printer settings

- Set IP address



"5.2.1 Set the IP address" (p.132) and the manual provided with the printer (for the procedure)

- Activate protocol (Not needed when setting up printer for the first time)



"5.2.1 Set the IP address" (p.132) and the manual provided with the printer (for the procedure)

- InternetServices start-up (factory default: Enabled)
- Verifying settings (printing the Printer Settings)



"5.2.1 Set the IP address" (p.132) and the manual provided with the printer (for the procedure)

Computer settings

- Setting/verification by WWW browser



"5.3 Configuring the WWW Browser"



End

5.2 Configuring the Printer

Set the IP address for the printer and activate the protocol to be used.

5.2.1 Set the IP address

When using the printer in a TCP/IP environment, the IP address, subnet mask, and gateway address must be set on the printer.

See

See the manual provided with the printer for how to set the IP address.

5.2.2 Activating the Protocol

LOOK

The factory setting of each protocol is set as **Enabled**. The following procedure is not necessary when you are setting up the network for the first time using a new printer.

To use CentreWare Internet Services, use the control panel to activate InternetServices for Protocol.

See

Refer to the manuals bundled with this printer for details on how to activate the protocol.

5.2.3 Check the Printer Settings (Printing Printer Settings)

Print printer settings to check the setting contents.

Note

Printed setting items depend on the types of printers and optional devices equipped. For details on how to print, refer to the Printer's User's Manual.

Before using CentreWare Internet Services, check the following settings at the WWW browsers.

Note

Depending on the browser version, the menus and items displayed may differ. For details, refer to the online Help file of the WWW browser.

5.3.1 Checking Netscape Communicator

The procedure is as follows:

Procedure

- 1** From the Edit menu, select **Preferences**.
The Preferences dialog box is displayed.
- 2** From the Category tree, click **Advanced**.
The Advanced page is displayed in the right frame of the window.
- 3** Click the "+" sign on the left of Advanced. Cache and Proxies are displayed under Advanced.
- 4** Click **Cache**.
The Cache page is displayed in the right frame of the dialog box.
- 5** Select **Once per session** or **Every time** for Document in cache is compared to document on network.
- 6** Click **OK**.

5.3.2 Checking Internet Explorer

The procedure is as follows:

Procedure

- 1** Select **Internet Options** from the Tools menu.
The Internet Options dialog box is displayed.
- 2** Click the **General** tab.
- 3** Select **Settings** for Temporary Internet files.
The Settings dialog box is displayed.
- 4** In Check for newer versions of stored pages, select either **Every visit to the page** or **Every time you start Internet Explorer**, and then click **OK**.
- 5** Click **OK** on the Internet Options dialog box.

5.3.3 Proxy Server and Port Number

Here, the proxy server setting and port number for using CentreWare Internet Services are explained.

●●● Proxy Server Setting

When using CentreWare Internet Services, it is recommended that you do not connect to a proxy server. To make direct connection without going through a proxy server, the procedure is as follows:

For Netscape Communicator

Procedure

- 1** From the Edit menu, select **Preferences**.
The Preferences dialog box is displayed.
- 2** Click the "+" sign on the left of Advanced under the Category tree.
Cache and Proxies are displayed under Advanced.
- 3** Click **Proxies**.
The Proxies page is displayed in the right frame of the window.
- 4** Select **Manual proxy configuration**, and then click **View**.
- 5** In the Exceptions box, enter the printer IP address in Do not use proxy servers for domains beginning with, and then click **OK**.
- 6** Click **OK** on the Preferences dialog box.

For Internet Explorer

Internet Explorer 4.X is used as an example.

Procedure

- 1** Select **Internet Options** from the Tools menu.
The Internet Options dialog box is displayed.
- 2** Click the **Connections** tab.
- 3** In the LAN settings box, click **LAN settings**.
The Local Area Network (LAN) Settings dialog box is displayed.
- 4** In the Proxy server box, uncheck the check box, Use a proxy server, if it is checked, and then click **OK**.
- 5** Click **OK** on the Internet Options dialog box.

●●● Port Number Setting

The factory setting of the port number of CentreWare Internet Services is 80. The port number can also be changed from the Properties screen of CentreWare Internet Services. The port numbers that can be set are 80, 8000-9999.

After the port number has been changed, it is necessary to specify the port number by entering it after the " : " of the address when connecting from the WWW browser.

Example 1: For IP address, "129.249.242.179" and port number, "8080":
Enter: "http://129.249.242.179:8080"

Example 2: For internet address, "dpc.aaa.bbb.fujixerox.co.jp", and port number, "8080":
Enter: "http://dpc.aaa.bbb.fujixerox.co.jp:8080"

5.4 Connecting to CentreWare Internet Services

The procedure to connect to CentreWare Internet Services is as follows.
Here, we will use Internet Explorer 5.5 on Windows 98 as an example.

Procedure

- 1 Switch on the computer and activate Internet Explorer on Windows 98.
- 2 Enter the IP address or the URL of the printer in the address column of the browser.

Note

If you do not know the printer IP address, print out the Printer Settings to check. Refer to the Printer's User's Manual for information on printing the Printer Settings.

Note

If the network is using Domain Name System (DNS) and the printer host name is registered in the DNS name server, you can use the internet address which has both host and domain name to access the printer.

DNS allows you to obtain the IP address from the host name using internet. Check with your network administrator on whether DNS is used on the network and the internet address of the printer.

Example 1: For IP address, "129.249.242.179", enter, "http://129.249.242.179/".



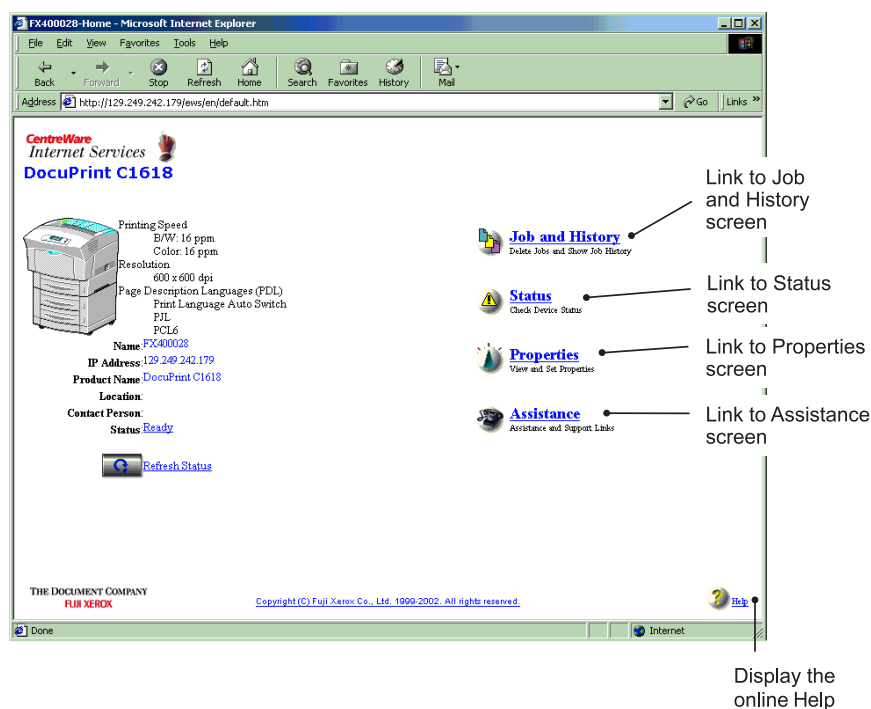
Example 2: For internet address, "dpc.aaa.bbb.fujixerox.co.jp" (host name: dpc; domain name:aaa.bbb.fujixerox.co.jp), enter, "http://dpc.aaa.bbb.fujixerox.co.jp/".



3 Press **Enter** on the keyboard.

The screen of the CentreWare Internet Services is displayed.

This screen which is displayed when connections are made, is called Device Home. It is linked to the four screens containing the main features of CentreWare Internet Services, namely Job and History, Status, Properties and Assistance.



5.5

CentreWare Internet Services Features

The overview of each feature of CentreWare Internet Services is explained according to the different screens.

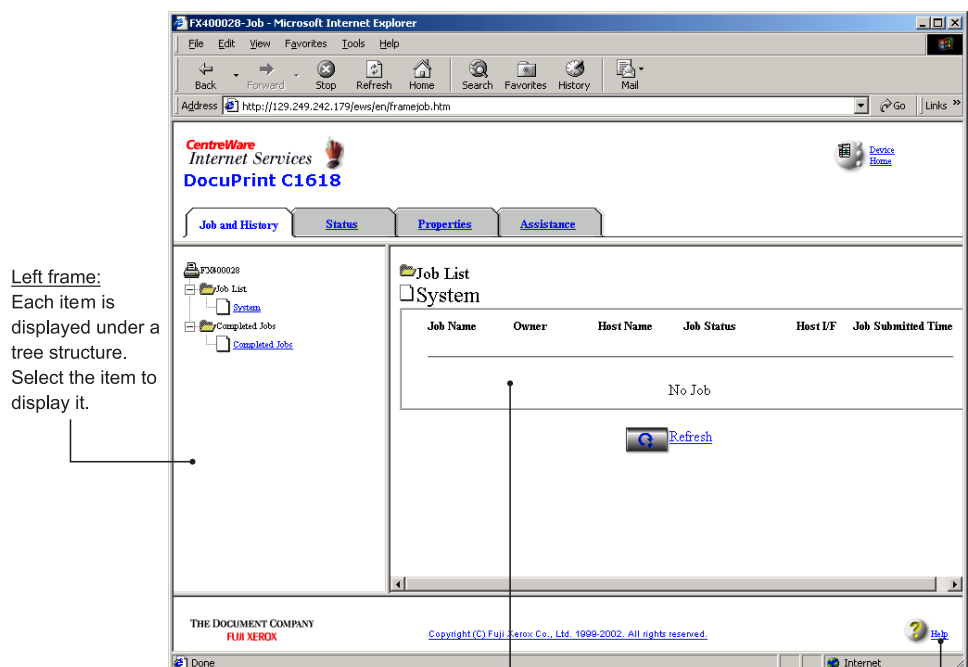
See

The online Help file for details of each feature and how to operate them

The online Help file can be displayed by clicking **Help** on each screen.

5.5.1 Job and History

On this screen, you can check the status of each protocol or print job designated from the control panel.



Right frame:
Items selected on the left frame are displayed.

Job List

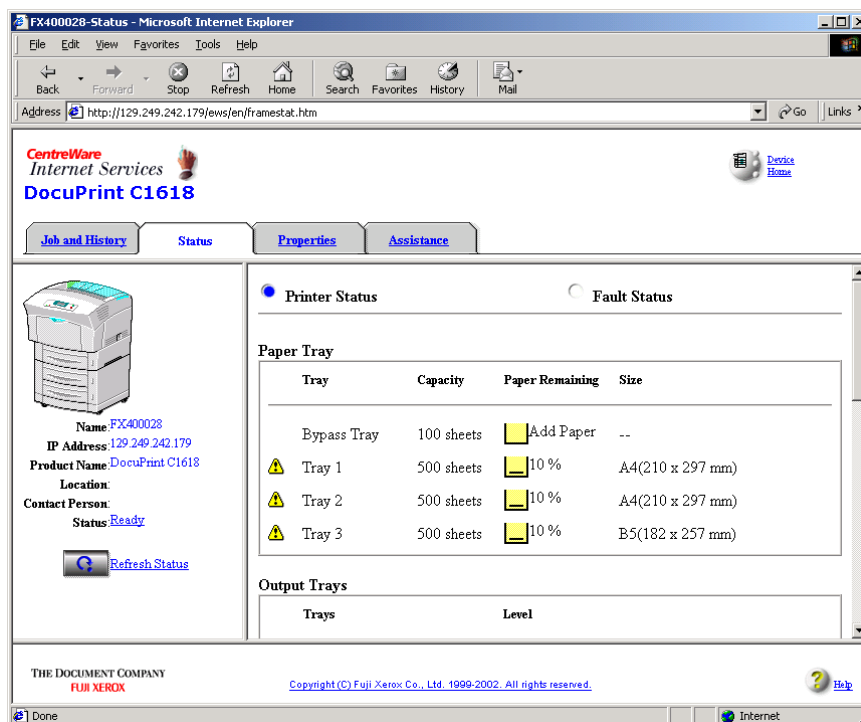
Print jobs in progress are displayed.

Completed Jobs

List of all finished print jobs is displayed.

5.5.2 Status

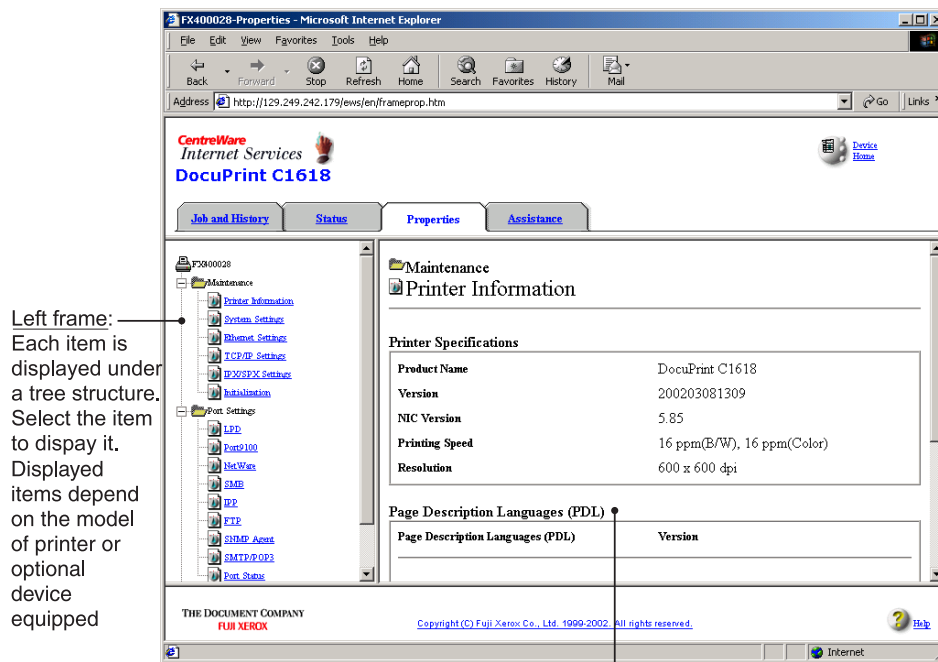
On this screen, you can check the status of the paper trays and output trays set up for the printer, as well as the status of toner and other consumables. Also, the error contents can be checked if an error occurs.



5.5.3 Properties

On this screen, you can specify all settings to use the printer as a network printer. You can also use this screen to check and change all settings made from the control panel.

The operating environment of CentreWare Internet Services can be set here as well.



●●● Changing the Settings

The factory setting of CentreWare Internet Services is in administrator mode. As such, to change the setting on this screen, you will need the administrator name and password.

LOOK

The factory settings of the administrator name and password are listed below. For better security management, change the settings as early as possible. To change the administrator and password, click **Environment Setting** under Internet Service:

- administrator name: admin
- password: admin

Next, the procedure to change the settings is explained:

Procedure

- 1 In the left frame, click the item to display from the three main items of the tree, Maintenance, Port Settings and Internet Services.

If the item is not displayed, click the "+" sign on the left of the three main items to display it.

The setting of the selected item will be displayed in the right frame.

- 2 In the right frame, the setting of the item can be changed from the menu or by entering characters.

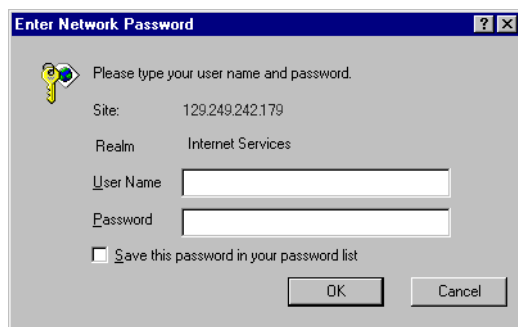
Item with "*" is the presently set value.

- 3 Click **Apply New Settings** displayed at the lower portion of the right frame.

Note

Click **Restore Settings** when you do not want to use the settings made and to return to the default settings.

- 4 The following dialog box will be displayed when the settings are changed for the first time after having activated CentreWare Internet Services, and the setting is in administrator mode.
Enter the administrator name and password, and then click **OK**.



- 5 The contents of the items set will be sent to the printer and the settings modified.
You might need to restart the printer depending on the items.

LOOK

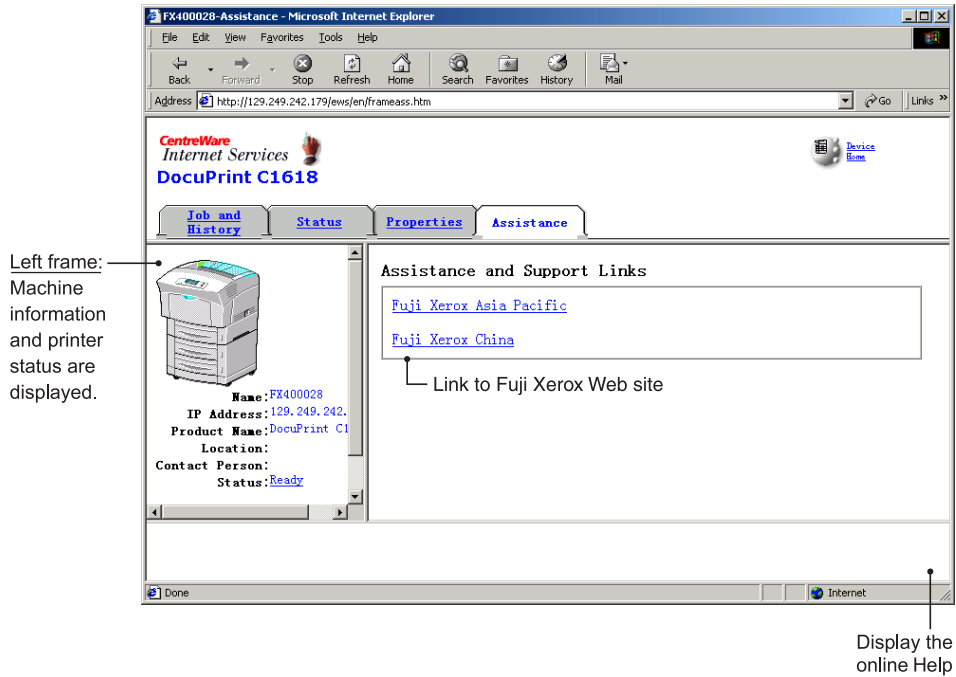
When prompted with the message to restart the printer, switch off the printer and then switch it on again.

Note

The settings cannot be changed when the printer control panel is being used.
To check the new printer settings, click **Refresh**.

5.5.4 Assistance

You can access the home page of Fuji Xerox from this screen.



Chapter

6

Using E-mail

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6.1 Before Using E-mail

If you have installed the machine in the TCP/IP environment, using mail between a user and the machine allows you to do the following things:

••• Print (E-Mail Print function)

- A user can print a mail text or attachment (PDF or text file) by sending mail to the machine.

••• Control of printer (Status Messenger function)

- If a user queries network settings or printer statuses, the machine mails the answer back to the user.
- If an error occurs on the machine side, the user gets a mail reporting the error.

This Chapter explains the procedures for making settings required to use the mail and how to query the printer statuses with the Status Messenger function.

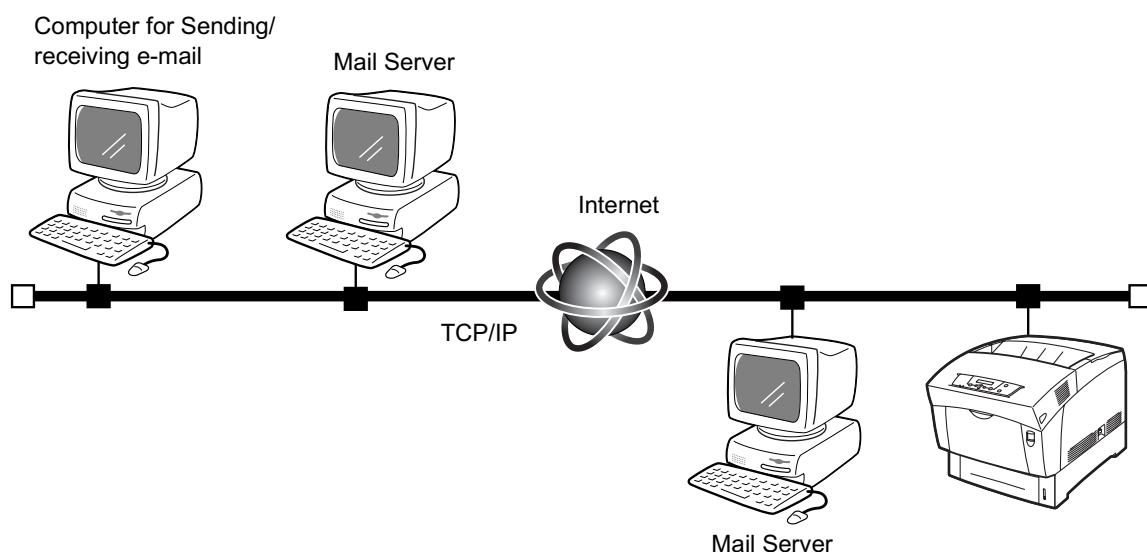
As for how to use the E-Mail Print function to send mail to the printer and get it printed, refer to the manual supplied with the machine.

6.1.1 System Requirements

The printer must be installed on a TCP/IP system to enable e-mail exchange. To receive e-mail from the printer, you must first register the printer user names and passwords with an e-mail server (POP3 server). The following descriptions assume that e-mail settings are done.

Note

Consult your system administrator about the e-mail system.



6.1.2 Configuration Flow

The following illustrates the configuration flow to enable your system to use e-mail.

Begin



Printer settings

- IP address settings

See

"6.2.1 Setting the IP Address" or the printer's user's guide

- **Start the Protocol**

- Start the Status Messenger E-Mail Printing (Default: Off)

See

"6.2.2 Starting the Protocol" or the printer's user's guide

- Confirm the Settings (print the Printer Settings)

See

"6.2.3 Confirming Settings (Printing the Printer Configuration List)" or the printer's user's guide

- CentreWare Internet Services Settings (E-mail system settings)

See

"6.3 Making CentreWare Internet Services Settings"



End

6.2 Configuring the Printer

To configure the printer to be able to use e-mail, you need to set the IP address and start the Status Messenger protocol.

6.2.1 Setting the IP Address

To use the printer in a TCP/IP system, it is necessary to set the IP, subnet mask, and gateway addresses.

See

Refer to the printer's user's guide for details.

6.2.2 Starting the Protocol

To print e-mail, start E-Mail Printing protocol in SMTP/POP3, to manage the printer using status Messenger function, start Status Messenger protocol.

Note

Status Messenger and E-Mail Printing in SMTP/POP3 protocol is off when the printer is shipped from the factory. To start each protocol, refer to the printer's user's guide

6.2.3 Confirming Settings (Printing the Printer Configuration List)


Print the printer configuration list to confirm the printer settings.

Note

The information on the list differs according to the printer model and the options installed. To print the list, refer to the printer's user's guide.

DocuPrint C1618

Printer Settings



General

Total Number of Prints 24sheets

Drum Counter 2counts

Memory Capacity 192M byte

Printer Language PCL6:200203071447
PS:200201311435

Number of Fonts Available For PCL6
Roman:80fonts
For PostScript
Romean:136fonts

PostScript Version 3010.108

PostScript Serial Number 77400028

F/W Version 200203081309

Boot Version 200202081135

IOT Version 1.6.2(1.6.3)

DACS Version 200107161307

PDF Version 200203071443

PS CRD Version 200201281417

Network

F/W Version 5.85

Ethernet Address 00:80:77:40:00:28

Ethernet Settings 10Base-T Half (Auto)

TCP/IP Settings Panel

IP Address 129.249.242.179

Subnet Mask Address 255.255.255.0

Gateway Address 129.249.242.254

IPX/SPX Settings

IPX Frame Type ETHERNET-II (AUTO)

Network Address 00067015:008077400028

Protocol LPD, Port9100, IPP
SMB, NetWare®
EtherTalk®
FTP, SNMP
SMTP/POP3
Internet Services

IP Filter Off

Printer Options

Extra Network Card On

Paper Tray Tray1, 2, 3, Bypass Tray

Option Tray Module 2-Tray Module

Hard Disk On

Contents Bridge Enhance Kit Off

Parallel

ECP Enabled

LPD

Port Status Enabled

Port9100

Port Status Enabled

IPP

Port Status Enabled

SMB

Port Status Enabled

TCP/IP Enabled

NetBEUI Enabled

Host Name FX400028

Work Group Name WORKGROUP

NetWare®

Port Status Enabled

Active Mode DS-PServer Mode

Device Name FX400028

Tree Name

Context Name

EtherTalk®

Port Status Enabled

Printer Name FX400028

Zone Name DE-2D7 (*)

Printer Type LaserWriter

FTP

Port Status Disabled

SNMP

Port Status Enabled

UDP/IP Enabled

IPX Enabled

SMTP/POP3

Port Status Disabled

Status Messenger Enabled

E-Mail Printing Enabled

Internet Services


Port Status Enabled

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FUJI XEROX

Check the protocol status.

This section describes how to set up the e-mail system.

You do not need to configure the items listed below on the control panel. Configure these items in CentreWare Internet Services.

Common settings

- Device E-mail Address (Default: none)
- SMTP Server Address (Default: 0.0.0.0)
- POP3 Server Address (Default: 0.0.0.0)
- POP User Name (Default: 0.0.0.0)
- POP Password (Default: none)
- POP3 Server Polling Interval (Default: 30 minutes)
- APOP Settings (Default: off)
- Transport Protocol-TCP/IP

Status Messenger settings

- Permitted E-mail Address1 (Default: none)
- Permitted E-mail Address2 (Default: none)
- Password for Only Read Data (Default: none)
- Password for Full Access (Default: none)
- Recipient E-mail Address (Default: none)
- Notification Items (Default: Error only)
- Status E-mail Sending Interval (Default: 1 minute)

E-Mail Printing Settings

- Permitted E-mail Address1 (Default: none)
- Permitted E-mail Address2 (Default: none)
- Password for Print Job (Default: none)

CentreWare Internet Service Settings are made in Administrator Mode at the time of manufacture. For this reason, you need to enter the administrator name and password to change these setting.

LOOK

The administrator name and password set at the time of manufacture are shown below. To ensure security, change the administrator name and password immediately after installing the printer. Use CentreWare Internet Services to change the administrator name and password.

- Administrator name: **admin**
- Password: **admin**

See

For further information about CentreWare Internet Services, refer to "Chapter 5 Using CentreWare Internet Services".

Follow the procedure below to set up the e-mail environment.

Procedure

- 1 Turn on the computer and start your Internet browser.
This following description makes use of Microsoft Internet Explorer 5.5 running on Windows 98.

LOOK

For CentreWare Internet Services to work properly, make sure that your Web browser is configured as shown below. If you cannot connect to CentreWare Internet Services, confirm the settings below.

- In Check for newer versions of stored pages, Every visit to the page or Every time you start Internet Explorer is set.

- 2 Enter the printer's IP address or Internet address in your browser's address box.

Note

If you do not know the IP address of the printer, print the printer settings list to confirm it. To print the list, refer to the printer's user's guide.

Note

If the network is using Domain Name System (DNS) and the printer host name is registered in the DNS name server, you can use the internet address which has both host and domain name to access the printer.

DNS allows you to obtain the IP address from the host name via the internet. Check with your network administrator on whether DNS is used on the network and the internet address of the printer.

Example 1: When the IP address is 129.249.242.179, type "http://129.249.242.179/"



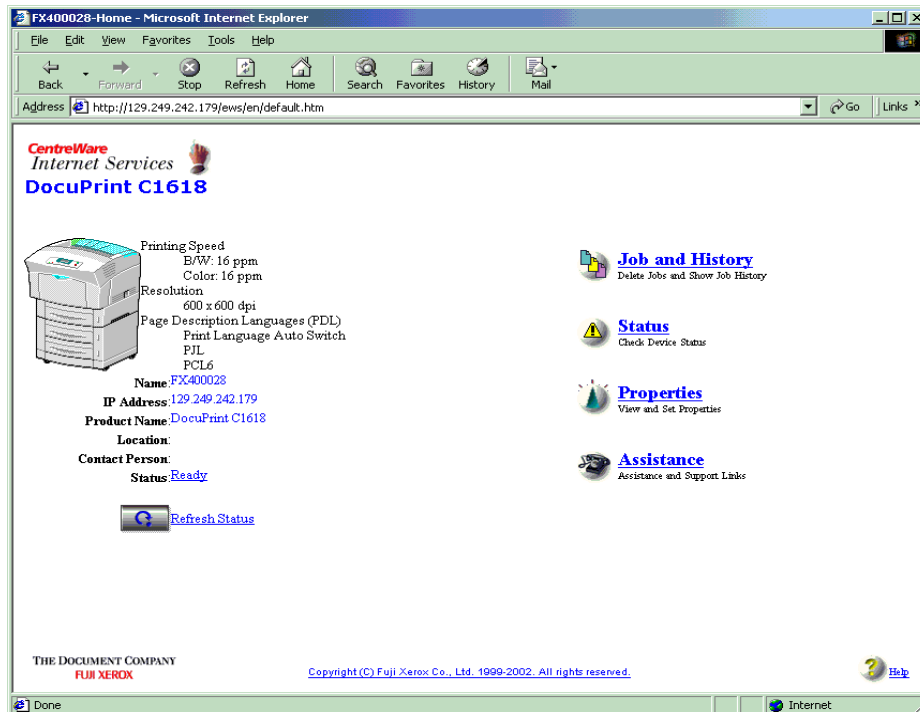
Example 2: When the Internet address is dpc.aaa.bbb.fujixerox.co.jp (host name: dpc; domain name: aaa.bbb.fujixerox.co.jp), type "http://dpc.aaa.bbb.fujixerox.co.jp/"



- 3 Press **ENTER**.

The CentreWare Internet Services page appears.

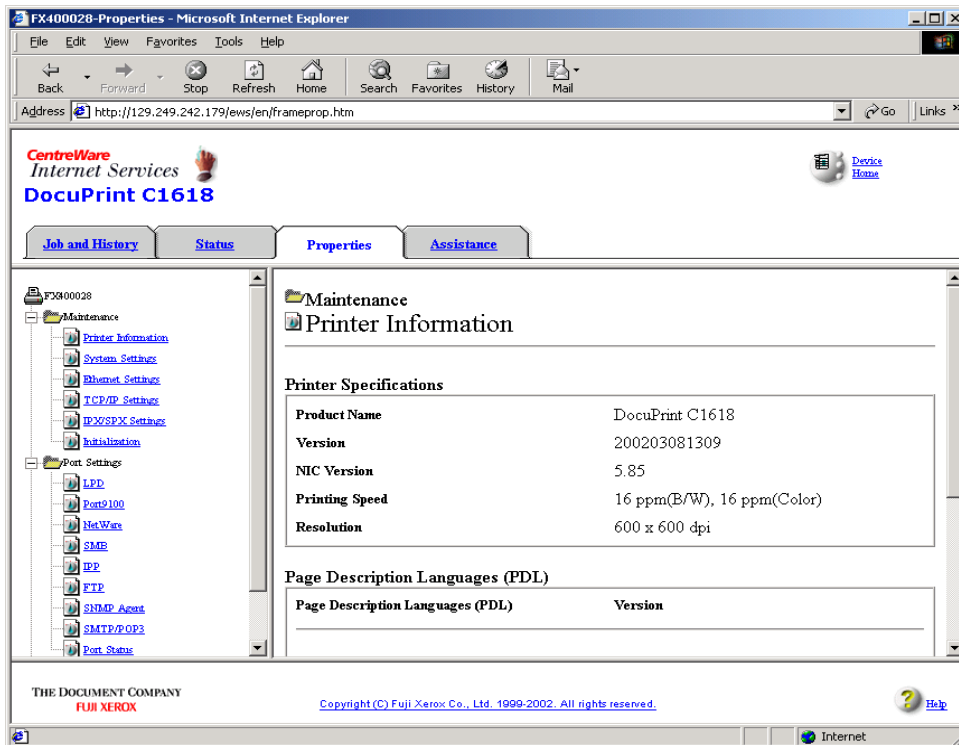
4 Click **Properties**.



5 On the left, click **SMTP/POP3** in the Port Settings folder.

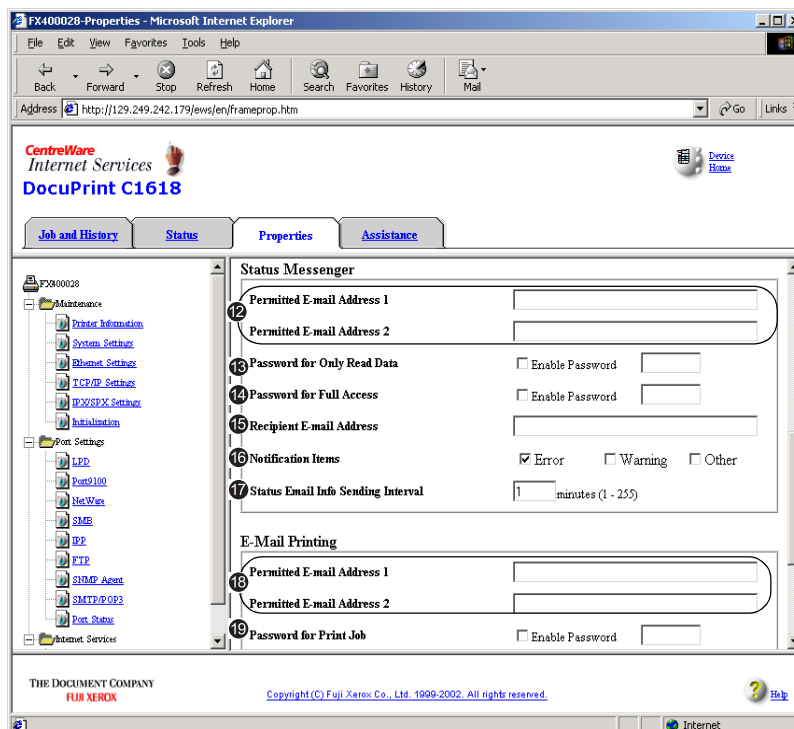
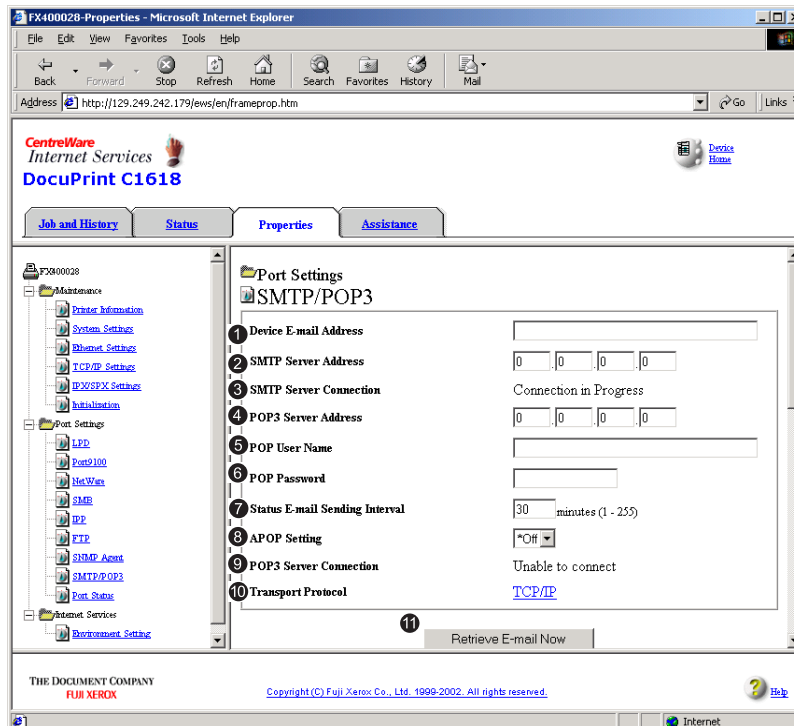
Note

- SMTP/POP3 does not appear, click the + mark next to the folder.
- Items displayed and available settings differ according to the printer model and options installed.



Click **SMTP/POP3** to display contents of the e-mail system settings on the right.

6 Change the settings below as necessary.



Setting	Description
① Device E-mail Address	Allows the user to input the Device E-mail Address up to 63 bytes of alphanumeric characters. An e-mail to the Device, it should be sent to this Address. This address is displayed at "From" field in the receiver's e-mail.
② SMTP Server Address	Allows the user to input the IP Address of outgoing mail server connected on SMTP protocol.
③ SMTP Server Connection	Displays one of the following 5 messages according to the status of connection to the outgoing mail server. <ul style="list-style-type: none"> • [Disabled] SMTP/POP3 port is inactive. • [Connection in Progress] Conditions before the first mail is sent (SMTP) or received (POP3) after the SMTP/POP3 port became active. • [Connecting...] Conditions after sending/receiving of mail (SMTP/POP3) started (i.e. the machine is connected to the server) and before it is completed (i.e. the machine is disconnected from the server). • [Ready] Conditions where the sending/receiving of mail (SMTP/POP3) was completed normally. Continue until the sending/receiving of the next mail (SMTP/POP3) starts. • [Unable to connect] Conditions where the sending/receiving of mail (SMTP/POP3) was not completed normally. Continue until the sending/receiving of the next mail (SMTP/POP3) starts.
④ POP3 Server Address	Allows the user to input the IP Address of incoming mail server connected on POP3 protocol.
⑤ POP User Name	Allows the user to input the user name for incoming mail server up to 15 bytes of alphanumeric characters.
⑥ POP Password	Allows the user to input the password for incoming mail server up to 15 bytes of alphanumeric characters.
⑦ Status E-Mail Sending Interval	Allows the user to set the polling interval to check whether new e-mail items are sent to incoming mail server. The interval range is from 1 to 255 minute(s).
⑧ APOP Setting	Select On, when incoming mail server corresponds to APOP.
⑨ POP3 Server Connection	Displays one of the 5 messages according to the status of connection to the incoming mail server. Refer to the SMTP server connection setting for details about displayed contents.
⑩ Transport Protocol	Displays the transport protocol used in Status Messenger. To change the TCP/IP settings, click TCP/IP on the page. This will send you to the TCP/IP Settings (Maintenance) Page.
⑪ Retrieve E-mail Now	Push this button to check whether the incoming mail server has received a new email.

Setting	Description
12 Permitted E-mail Address 1/Permitted E-mail Address 2	Allows the user to input Permitted E-mail Addresses (addresses from which commands are accepted) consisting of up to 31 alphanumeric characters. The user may specify up to 2 Permitted E-mail Addresses: Permitted E-mail Address 1, and Permitted E-mail Address 2. If neither Permitted E-mail Address 1 nor Permitted E-mail Address 2 are specified, commands are accepted from all users. Example: When you want to accept the mail address "fujixerox.co.jp" only e-mail sent from "???????? fujixerox.co.jp" (???????? is an address used) is received.
13 Password for Only Read Data	When setting a Read Only password, select Enable Password and input a password of up to 7 alphanumeric characters. This password is used when the user sends e-mail to the Printer to check information. Be sure to set this password if you selected Enable Password. Access is not possible unless a password is set. Deselecting Enable Password clears the password.
14 Password for Full Access	When setting a Full Access password for (both Read/Write), select Enable Password and input a password of up to 7 alphanumeric characters. This password is used when the user sends e-mail to the Printer to check information or change settings. Be sure to set this password if you selected Enable Password. Access is not possible unless a password is set. Deselecting Enable Password clears the password.
15 Recipient E-mail Address	Allows the user to input the E-mail Address to notify the status changes up to 63 bytes of alphanumeric characters. An e-mail will be sent to this address when the occurrence of the Status Type selected at Notification Items is found in the Printer.
16 Notification Items	Allows the user to configure Status Type. The check box of Status Type to notify by e-mail is selected from the following items. <ul style="list-style-type: none"> • Warning Notifies serious errors. • Coution Notifies the time when consumable supplies should be changed. • Others Notifies errors occurred when starting or authenticating.
17 Status E-mail Sending Interval	Allows the user to set the polling interval to check the Device Status. The interval range is from 1 to 255 minute(s). The e-mail to notify the status will be sent when the occurrence of the Status Type selected at Notification Items is found in the Printer.
18 Permitted E-mail Address 1/Permitted E-mail Address 2	Allows the user to input Permitted E-mail Addresses (addresses from which printing is enabled) consisting of up to 31 alphanumeric characters. The user may register up to 2 Permitted E-mail Addresses: Permitted E-mail Address 1, and Permitted E-mail Address 2. If neither Permitted E-mail Address 1 nor Permitted E-mail Address 2 is specified, mails are accepted from all users. Refer to the Permitted E-mail Address Setting for Status Messenger about the setting example.

Setting	Description
19 Password for Print Job	When setting a password for printing, select Enable Password and input a password of up to 7 alphanumeric characters. Be sure to set this password if you selected Enable Password. Printing is not possible unless a password is set. Deselecting Enable Password clears the password.

7 Finish making the settings and click Apply New Settings at the bottom.

Note

If you do not want to apply the settings, click **Restore Settings** at the bottom.

8 When CentreWare Internet Services starts in administrator mode the first time you access it to change settings, the dialog box below appears.
Enter the user name (the administrator name) and password, then click **OK**.

LOOK

The administrator name and password set at the time of manufacture are shown below. To ensure security, change the administrator name and password immediately after installing the printer. Use Environment Setting in the Internet Services folder to change the administrator name and password.

- Administrator name: admin
- Password: admin



9 The settings are sent to the printer and updated.

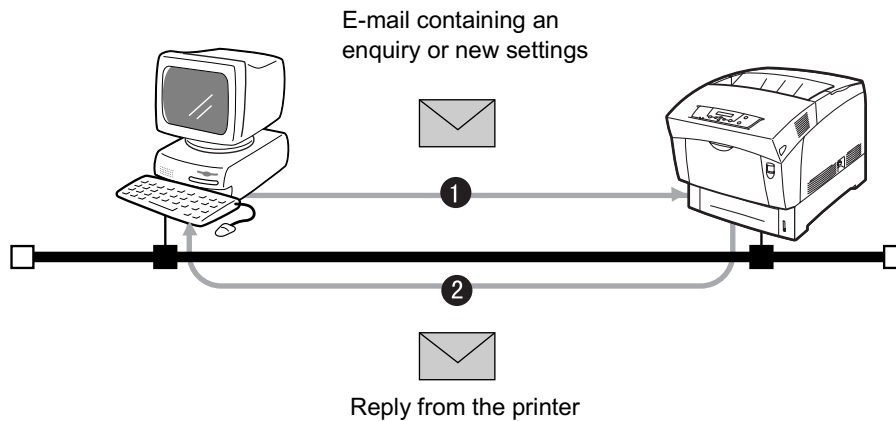
You need to restart the printer for some settings to take effect.

If a message prompting you to restart the printer appears, Switch off the printer and Switch it on again.

6.4 Using E-mail (Status Messenger)

This section describes how to send e-mail to the printer, confirm various items and settings, and change printer settings.

The printer sends a reply containing the results of the instructions in your e-mail.



Subject Re: test1
Date Fri, 27 Apr 2002 16:11:39 +0900 (JST)
From printer1@fujixerox.co.jp
To service <service@fujixerox.co.jp>

[Printer Status]
- The toner cartridge needs to be replaced soon.

[Network Information]
{Network}
F/W Version : 4.07
Ethernet Address : 08:00:37:11:22:33
Ethernet Settings : 10Base-T Half(AUTO)
TCP/IP Settings : Manual
IP Address : 192.168.1.100
Subnet Mask : 255.255.255.0
Gateway Address : 192.168.1.254
IPX/SPX
IPX Frame Type : Ethernet-II(AUTO)
Network Address : 01234567:080037112233
Protocol : LPD , Port9100 , IPP , SMB
Status Messenger , Internet Services

{IP Filter}
Filter1
Address : 0.0.0.0
Mask : 0.0.0.0
Mode : None
Filter2
Address : 0.0.0.0
Mask : 0.0.0.0
Mode : None
Filter3
Address : 0.0.0.0
Mask : 0.0.0.0
Mode : None
Filter4
Address : 0.0.0.0
Mask : 0.0.0.0
Mode : None
Filter5
Address : 0.0.0.0
Mask : 0.0.0.0
Mode : None

{LPD}
Timeout(sec) : 16

{Port9100}
Port Number : 9100

Example of reply from the printer

Subject Re: test2
Date Fri, 27 Apr 2001 16:11:39 +0900 (JST)
From printer1@fujixerox.co.jp
To service@fujixerox.co.jp

[Printer Status]
- Cover is open.
////////////////////////////////////
Name: FX DocuPrint C1618
Location:
Contact:
////////////////////////////////////

6.4.1 Sending E-mail to the Printer

To send e-mail to the printer, first specify the address of the printer in the address box of e-mail program that you are using.

The title of your e-mail is not important. Give the e-mail any title you like.

The table below shows commands contained in the e-mail.



Procedures for sending mail vary depending on your e-mail program. For details, refer to the documents provided with your e-mail program.

Command

Command	Parameter	Description
#Password	password	Use this to specify the full-access or read-only passwords. If a password is specified you must write this command at the beginning of the e-mail.
#NetworkInfo	-	Specify this to confirm information with the network settings list.
#Status	-	Specify this to confirm the printer status.
#Setmsgaddr	Trap destination e-mail address	Use this to set the trap destination e-mail address. This is only available when you specify the full-access password as the #Password command.

Examples of e-mail commands

The following rules apply to e-mail commands:

- Each command must start with # and the e-mail must have the #Password command at the beginning.
- Commands that do not start with # are invalid.
- There can only be 1 command per line in the e-mail. The command and parameter must be separated by a space or tab.
- If the e-mail contains the same command more than once, only the first command is used. Others are ignored.

Examples of e-mail commands are shown below.

Example 1: Checking the printer status with the read-only password, ronly.

```
#Password      ronly
#Status
```

Example 2: Setting the trap destination address to service@fujixerox.co.jp with admin as the full-access.

#Password	admin
#Setmsgaddr	service@fujixerox.co.jp

Example 3: Setting the trap destination address to service@fujixerox.co.jp with admin as the full-access password, and confirming the results with the network settings list..

#Password	admin
#Setmsgaddr	service@fujixerox.co.jp
#NetworkInfo	



Define the #Setmsgaddr command before the #NetworkInfo command. When these commands are reversed, the network settings do not show the latest result from the #Setmsgaddr command.

Chapter


7

Troubleshooting




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7.1 For TCP/IP Environment

7.1.1 When Setting Up the Printer

Condition	Verification	Solution
The IP address changes as a result of switching on the printer.	Is the printer IP address obtained from the DHCP server?	For allocated IP address, use the control panel to Setup method of IP address, specify and enter the IP address.  "2.2.1 Setting IP Address"
The port cannot be added during the installation of printer driver on Windows NT 4.0/Windows 2000/Windows XP.	Did you log on as the User or Administrator of the Administrator group?	You cannot add the port without the administrator's right. Log on again.
The printer driver cannot be installed on Windows NT 4.0.	Has Microsoft TCP/IP Printing been installed on the Windows NT machine?	Click the Start menu, select Settings and then followed by Control Panel Network to display the Network window. Click the Services tab, and then check that Microsoft TCP/IP Printing is included in Network Services. If not, click Add, and select Microsoft TCP/IP Printing. You will need the Windows NT system CD-ROM for this.
The printer driver cannot be installed on Windows 2000 (Ipr. Part 9100 is Used).	Has Internet Protocol (TCP/IP) Unix been installed on the Windows 2000 machine?	Click the Start menu, select Settings and then followed by Network and Dial-up Connections, Local Area connection, Properties to display the Local Area connections Properties dialog box. Check that Internet Protocol (TCP/IP) is selected. If it is not selected, click the check box to add Internet Protocol (TCP/IP).
The printer driver cannot be installed on Windows XP (Ipr. Part 9100 is Used).	Has Internet Protocol (TCP/IP) been installed on the windows XP machine?	Click the start menu, select Control Panel, Network Connection, Local Area Connection, then Properties to display the Local Area Connections Properties dialog box. Check that Internet Protocol (TCP/IP) is selected. If not, click the check box to add Internet Protocol (TCP/IP).

7.1.2 When Using the Printer

Condition	Verification	Solution
Cannot print.	Is the printer switched on?	Press the power switch to " " to switch it on.
	Is the Ethernet cable disconnected or loosened?	Switch off the power and connect the Ethernet cable properly.
	Are the network environment settings like the IP address correctly set?	Settings like the IP address might be changed. Print the Printer Settings and check that the settings are correct. If the settings are wrong, correct them.  "2.2.3 Checking the Settings (printing Printer Settings)", Printer's User's Manual.
	Is the IP Filter set?	Check that IP Filter is selected.  "IP Filter Settings" in "2.3 Configuring CentreWare Internet Services"
Cannot print (When Using Port 9100)	Is the same port number used on the printer driver properties settings as the network setting?	Check the port number on the printer driver properties setting and network setting. If different values are set, re-set them to the same port number.  <ul style="list-style-type: none"> • "Changing Port 9100 Settings" in "2.3 Configuring CentreWare Internet Services" • "2.4.3 Installing the Printer Driver (Using Port 9100)"

7.1.3 When Using TCP/IP Direct Print Utility


Condition	Verification	Solution
Cannot print. (Cannot print (Network Error) is displayed in the status display)	Is the printer switched on?	Press the power switch to " " to switch it on and send printing again.
	-	There might be a network problem. Check if there is a network problem.
	-	This message might appear when multiple computers assign to the printer to print matters at the same time. When this happens, the printing will be processed again after the other printing jobs have finished processing the printing. Wait a while.
Cannot print. (Cannot print (Spool Error) is displayed in the status display)	Is the disk capacity for the installation of the Windows 95/ Windows 98/Windows Me sufficient?	After deleting unnecessary files and checking the empty capacity of the disk, select Pause Printing from the Document menu of the printer window.
	Has the file in the spool directory been deleted?	Do not meddle with the file in the spool directory during processing.
Cannot print. (for Windows 95)	Is Spool Settings on the Details tab of the printer properties dialog box set to Print directly to the printer is selected.	Click Spool Settings on the Details tab, and select Spool print jobs so program finishes printing faster on the dialog box displayed.

7.2 For SMB Environment

7.2.1 When Setting Up the Printer

Condition	Verification	Solution
Cannot access the printer from the Windows client due to forgotten administrator name and password.	-	The factory settings of both the administrator name and password are admin. If you are using CentreWare Internet Services, reset the administrator name and password. If the connection still cannot be made, reset the NV Memory from the Network menu at the control panel. However, in this case, all network settings will be returned to factory settings. Before you reset NV Memory, it is recommended that you print out the Printer Settings to check the present settings first.
Cannot overwrite the config.txt file.	Is there an error message written in the config.txt file?	If the config.txt file is changed and saved, a message.txt file will be created in the admintool folder. If an error message is written in this file, changes will not be effective. Check the setting contents of the config.txt file and resave.
	Did you try to overwrite the file at the printer after using and editing the copied config.txt file on the client?	Delete the config.txt file inside the admintool folder at the printer, and then copy it.
	-	Switch off the printer, and then switch it on again.
When installing printer driver on the client, the printer is not listed in the Browse Printer dialog box.	Is the printer switched on?	Press the power switch to " " to switch it on.
	-	First of all, check if the printer is on the network by using Search in the Start menu. Enter the printer host name in Named and click Find Now. Double-click the found computer, and check if there is a "Host name-P" printer being displayed. If the printer is found, enter the printer host name. If the printer is not found, consult your network administrator.

7.2.2 When Using the Printer





Condition	Verification	Solution
Cannot print.	Is the printer switched on?	Press the power switch to " " to switch it on.
	Is the Ethernet cable disconnected or loosened?	Switch off the power and connect the Ethernet cable properly.
	Are the network environment settings like the printer name correctly set?	Settings like the host name and IP address (when TCP/IP is used as the transport protocol) might be changed. Print out the Printer Settings and check if the settings are correct. If the settings are wrong, correct them.  "3.2.3 Checking the Settings (printing printer settings)", Printer's User's Manual.
	Is the message, "There is not enough memory to store file on the server" displayed on the computer?	Such a message might be displayed when there are printing instructions from multiple computers at the same time, or when there is a printing instruction of a different protocol during printing. Display the DocuPrint C1618 window and check that there is no print data before sending printing instructions.
	Is the message, "Overwrite error" displayed on the computer?	When the number of printers that can be connected to the Windows network simultaneously is exceeded, such a message might be displayed. Display the window of the printer to be used, check that there is no print data before sending printing instructions.

7.3 For NetWare Environment




7.3.1 When Setting Up the Printer

Condition	Verification	Solution
Cannot create objects like print queue on the NetWare file server.	Did you log on as SUPERVISOR or ADMIN at the NetWare file server?	When setting up the network environment, log on as SUPERVISOR (for NetWare 3.x) or ADMIN (for NetWare 4.x or later) at the NetWare file server.
Cannot be connected to the print server when in remote printer mode.	Is the print server activated?	Check that the NetWare print server is activated on the computer used as the NetWare file server. Refer to NetWare related manuals for information on activating the NetWare print server.

7.3.2 When Using the Printer

Condition	Verification	Solution
Cannot print.	Is the printer switched on?	Press the power switch to " " to switch it on.
	Is the Ethernet cable disconnected or loosened?	Switch off the power and connect the Ethernet cable properly.
	Are the network environment settings like the activating of protocol correctly set up?	Change the protocol, NetWare to Enabled.  "4.2.1 Activating the Protocol", Printer's User's Manual
	Is the network equipment like the hub suitable for the automatic setting of the frame type?	Check whether the port data link lamp of the network equipment connected to the printer is lit. When it is not lit, use the control panel to set the frame type to the same value as that of the NetWare file server.
	Are the NetWare file server and print server (while in remote printer mode) activated?	Activate the NetWare file server and print server (while in remote printer mode).
	When in remote printer mode, is the message, "Waiting for job" being displayed in the NetWare print server?	Activate the NetWare print server. And if the "Waiting for job" message is not displayed, use the network utility to check if the network environment for DocuPrint C1618 is correctly set.  "4.3 Configuring Fuji Xerox Network Utility"
	Is the printer registered in the queue user of print queue?	Use the network utility to add the user setting of the print queue for DocuPrint C831.  "4.3 Configuring Fuji Xerox Network Utility"
Cannot print as you want.	-	The file server or network might be overloaded. When in remote printer mode, use the network utility to lengthen the receive timeout period setting.  "4.3 Configuring Fuji Xerox Network Utility"



7.4 For CentreWare Internet Services





Condition	Verification	Solution
Cannot be connected to CentreWare Internet Services.	Is the printer switched on?	Press the power switch to "I" to switch it on.
	Is the Ethernet cable disconnected or loosened?	Switch off the power and connect the Ethernet cable properly.
	Is the internet address correctly entered?	Check the internet address again. If the connection still cannot be made despite the correct address being used, use the IP address to make the connection.
	Is the IP address correctly entered?	The IP address might be changed. Print out the Printer Settings to check the IP address. If the IP address is wrong, correct it.  "2.2.3 Checking the Settings (printing Printer Settings)", Printer's User's Manual
	Is the proxy server being used?	Connection by proxy server cannot be made sometimes. Use the WWW browser to change the setting to one not using the proxy server, or making connections with the desired address without using the proxy server.  "5.3 Configuring the WWW Browser"
	Is the port number correctly specified?	The factory setting of the port number is 80. Specify the correct port number.
The message, "Please wait" remains in the status display.	-	Wait a while. If nothing happens, click Refresh. If nothing happens even if Refresh is clicked, check if the printer is functioning properly.
Refresh activated cannot be at the Properties page, even if you click the items on the left frame, the contents of the right frame does not change accordingly.	Are the OS of the computer and WWW browser appropriate?	Try to use the menus of the browser to refresh the view. Also, check if the OS of the computer and the browser are appropriate.  "5.1.2 Target Browsers"
The screens cannot be displayed.	Is the window size of the browser appropriate?	Change the window size of the browser.
The information displayed is not updated.	-	Click Refresh.

Condition	Verification	Solution
Even if Apply New Settings is clicked, the changes are not reflected.	Are the values set correctly?	Check the values again and re-enter them if necessary.
When Apply New Settings is clicked, the screen turns white.	-	Use the browser menus to try to refresh the view. Or click Refresh.
Cannot change settings due to forgotten password.	-	If you really cannot recall the password, reset the NV Memory from the network menu in the control panel. However, in this case, all network settings will be returned to factory settings. Before you reset the NV Memory, it is recommended that you print out the Printer Settings to check the present settings first.

7.5

Trouble sending/receiving mail

Condition	Verification	Solution
Unable to check the status by e-mail/to print e-mail.	Is Status Messenger in SMTP/POP3 or E-Mail Printing running?	Use the control panel or CentreWare Internet Services to start up the Status Messenger or E-Mail Printing protocol.
	Is the POP/SMTP server's IP address entered correctly?	Enter the correct value using CentreWare Internet Services.  "6.3 Making CentreWare Internet Services Settings"
	Are the POP user name and password entered correctly?	Enter the correct value using CentreWare Internet Services.  "6.3 Making CentreWare Internet Services Settings"
	Is APOP set correctly?	Check with your system administrator to confirm whether the POP server supports APOP.
	Can your mail address receive mail?	Check that your mail address is included among those that can receive mail.  "6.3 Making CentreWare Internet Services Settings"
	Were commands correctly described in your e-mail?	Enter the commands correctly.  "6.4 Using E-mail (Status Messenger)", Printer's User's Manual
	Did you include the #Password command at the beginning of your e-mail?	If a password is specified, the #Password command must be included at the beginning of your e-mail.  "6.4 Using E-mail (Status Messenger)", Printer's User's Manual
	Did you correctly specify the read/full access password?	Specify the correct password.
	Is the POP/SMTP server operating properly?	Check with your system administrator.

Condition	Verification	Solution
You are not notified of errors by e-mail.	Is Status Messenger in SMTP/POP3 running?	Use the control panel or CentreWare Internet Services to start up the Status Messenger protocol.
	Is the POP/SMTP server's IP address entered correctly?	Enter the correct value using CentreWare Internet Services.  "6.3 Making CentreWare Internet Services Settings"
	Are the POP account and password entered correctly?	Enter the correct value using CentreWare Internet Services.  "6.3 Making CentreWare Internet Services Settings"
	Is APOP set correctly?	Check with your system administrator to confirm whether the POP server supports APOP and set correctly using CentreWare Internet Service.
	Are the notification items to be sent set correctly?	Select the items you want to be notified of by e-mail using CentreWare Internet Services.  "6.3 Making CentreWare Internet Services Settings"
	Is the destination address entered correctly?	Specify the correct destination address using CentreWare Internet Services.  "6.3 Making CentreWare Internet Services Settings"
	Is the POP/SMTP server operating properly?	Check with your system administrator.

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Network Card Specifications

Look

Available functions depend on the type of the printer or the optional device equipped. For details about functions that can be used with the printer used, refer to the manual huddled with the printer.

Common Specifications

Supported standard	Ethernet Ver.2.0 IEEE 802.3
Network protocol	TCP/IP, SMB, IPX/SPX (NetWare), AppleTalk
Interface	100BASE-TX, 10BASE-T
Power consumption	About 2.3 W (when activated)

TCP/IP Specifications

Supported OS	Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, Windows XP
Frame type	Ethernet_II (Ethernet II)
Print protocol	lpr (lpr), Port 9100 (Windows 95/98/Me/2000/XP), IPP (Windows Me/2000/XP)
Management protocol	http, SNMP, SMTP/POP3

SMB Specifications

Supported OS	Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, Windows XP
Print protocol	SMB (TCP/IP), SMB (NetBEUI)*

* Net BEUI cannot be used on Windows XP

NetWare Specifications

Network OS	NetWare 3.12/3.2/4.1/4.11/4.2/5
Frame type	Ethernet_II (Ethernet II) Ethernet_802.3 (IEEE 802.3) Ethernet_802.2 (IEEE 802.2) Ethernet_SNAP (IEEE 802.1 SNAP)
Print protocol	Print server mode Remote printer mode
Management protocol	SNMP

AppleTalk (EtherTalk) Specifications(*2)

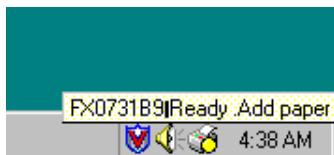
Supported Operating Systems	Mac OS 8.1-9.2.2, Mac OSX
Frame Type	Ethernet_ SNAP (IEEE 802.1 SNAP)
Printer Type	Laser Writer

(*1) Optional network expansion card required.

(*2) Optional network expansion card and PostScript Kit required.

CentreWare Simple Status Notification

CentreWare Simple Status Notification (hereinafter called CentreWare SSN) is a tool that enables users to monitor the network printer status by an icon or a dialog box on the computer.



CentreWare SSN is available in the Software Pack CD-ROM.

Operating Requirements

The following is a list of computer operating systems of the computer where CentreWare SSN can be installed and the printers that can be monitored.

OS	Printer
Windows 95 Windows 98 Windows Me Windows NT 4.0 Windows 2000 Windows XP	<ul style="list-style-type: none"> • Printer with TCP/IP environment being setup, IP address set, and SNMP UDP/IP protocol activated. • Printer with NetWare environment setup and SNMP IPX protocol activated.

LOOK

- Here, it is assumed that the network client setting in the computer has been completed.
- The factory setting of the printer protocol (SNMP UDP/IP), (SNMP IPX) is set as Enabled. The following procedure is not required if you are not changing the setting.

See

- "2.2.1 Setting IP Address" and Printer's User's Manual for details of setting the IP address.
- When you install CentreWare FXSsn, read the readme file in the FXSsn folder included to the Software Pack CD-ROM.

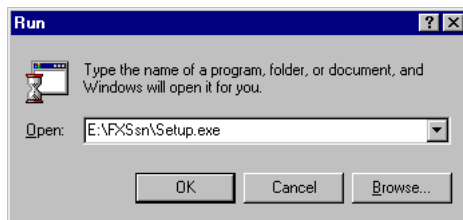
Installing CentreWare SSN

The procedure is as follows. Here, we will use Windows 98 as an example.

Procedure

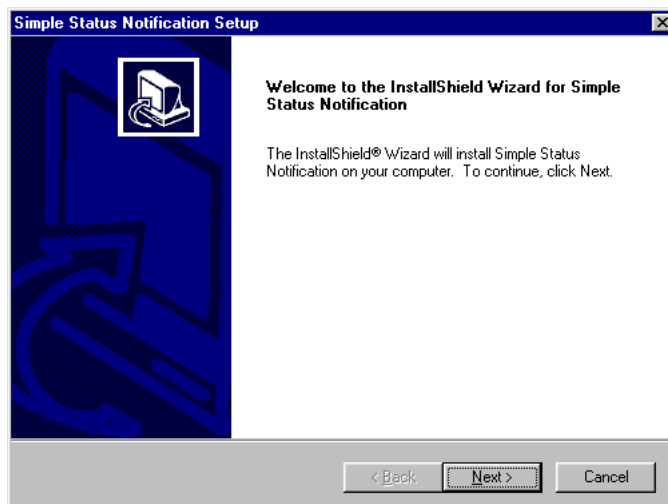
- 1** Switch on the computer and start Windows 98.
Close all applications that are running, if there is any.
- 2** Insert the Software Pack CD-ROM into the CD-ROM drive.
The Fuji Xerox StartUp Tool dialog box appears automatically. Click **Exit** to close it.
- 3** Click **Run** from the Start menu.
The Run dialog box will be displayed.
- 4** Enter the drive, followed by a colon " : ", and "\FXSsn \Setup.exe". Click **OK**.

Example: When E is the drive name, enter "E:\FXSsn\Setup.exe".



The installer is activated

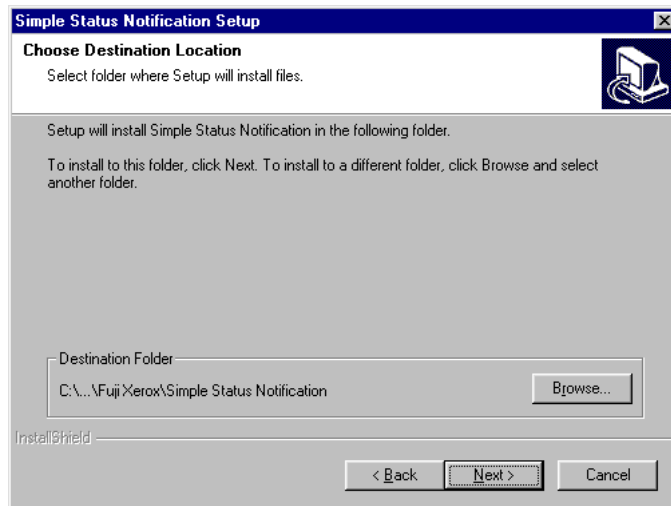
- 5** Read the displayed content, and click **Next**.



6 Check the path under Destination Folder, and click **Next** if it is all right.

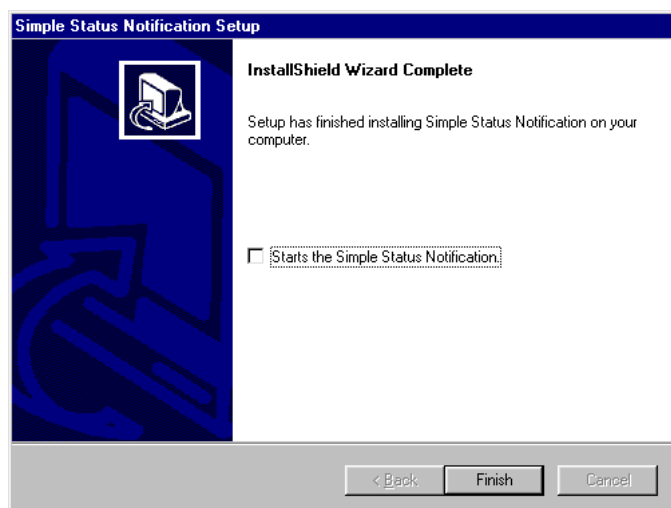
Note

To change the destination for installation, click **Browse**, specify a destination folder and click **Next**.



The installation begins.

7 When the installation is completed, the following dialog box is displayed. Click **Finish**.



8 Take out the CD-ROM from the CD-ROM drive.

Checking Printer Status With CentreWare SSN

Here, we will use Windows 98 as an example to explain the basic procedure.

Note

Be sure to read the ReadMe file when using CentreWare SSN.

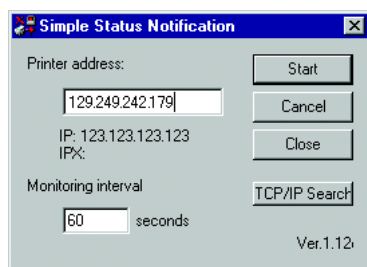
Procedure

- 1 Click **Fuji Xerox - Simple Status Notification - Simple Status Notification** from Programs on the Start menu.

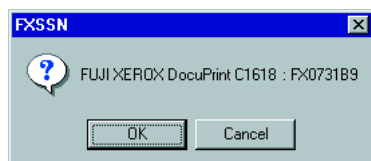
The Simple Status Notification dialog box appears.

- 2 Enter IP address of the printer that you want to monitor.

Example: When "129.249.242.179" is the IP address of the setup TCP/IP printer.



- 3 Click **Start**.
- 4 When the following dialog box is displayed, click **OK**.

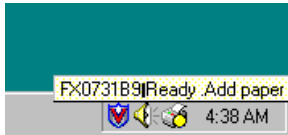


The printer icon is displayed at the bottom right corner of the task bar on the computer desktop. The icon color, ● changes according to the printer status.



"Color of the Icon and Printer Status" in the later section for details of the icon color and printer status.

5 Place the cursor on the icon and the status of the printer is displayed.



Note

- Double-click on the icon and the Printer Information dialog box is displayed.
- Left-click on the icon and you can change the printer status.

6 To exit CentreWare SSN, right-click on the icon and then click **Close** from the menu displayed.

●●● **Color of the Icon and Printer Status**

The color of the icon, ● indicates the following status.

Color	Display	Printer Status
Blue		Printing is possible
Green		Printing
Yellow		Printing is possible -User Intervention Required.
Red		Printing is not possible due to a printer error.
Grey		No response from the printer.

●●● **Monitoring a Specific Printer Automatically when Windows Starts**

Prepare the following settings and you can monitor the printer status by activating CentreWare SSN automatically after you have started Windows.

Procedure

1 From the CentreWare SSN folder, create an Ssn.exe shortcut and copy to the Startup folder.



Note

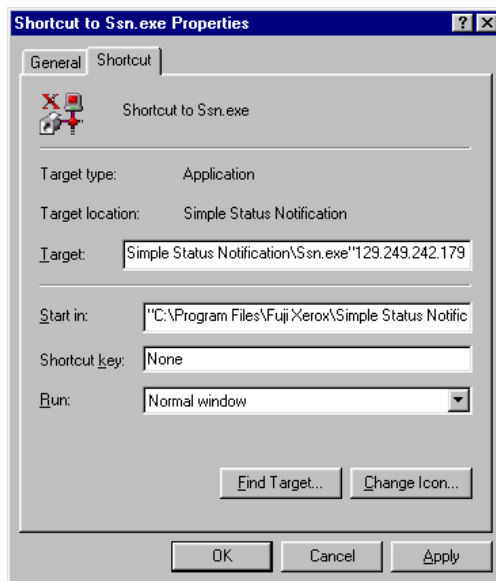
- If Ssn.exe is not changed during installation, it will be stored in the \Program Files\Fuji Xerox\Simple Status Notification folder.
- The Startup folder is located in the following destination depending on the OS that you are using.
 - Windows 95/Windows 98/Windows Me
Windows\Start menu\Programs\Startup
 - Windows NT 4.0
Winnt\profiles\user name\Start menu\Programs\Startup
 - Windows 2000/Windows XP
Documents and Settings\user name\Start menu\Programs\Startup

2 Select the **shortcut** icon that you have created and click **Properties** from File menu.

3 Click the **Shortcut** tab and enter in the Target, the File name, a space and then the address of the printer you want to monitor.

Example: "C:\Program Files\Fuji Xerox\Simple Status Notification\

Ssn.exe "△ 129.249.242.179 (△ indicates spacing)



4 Click **OK**.

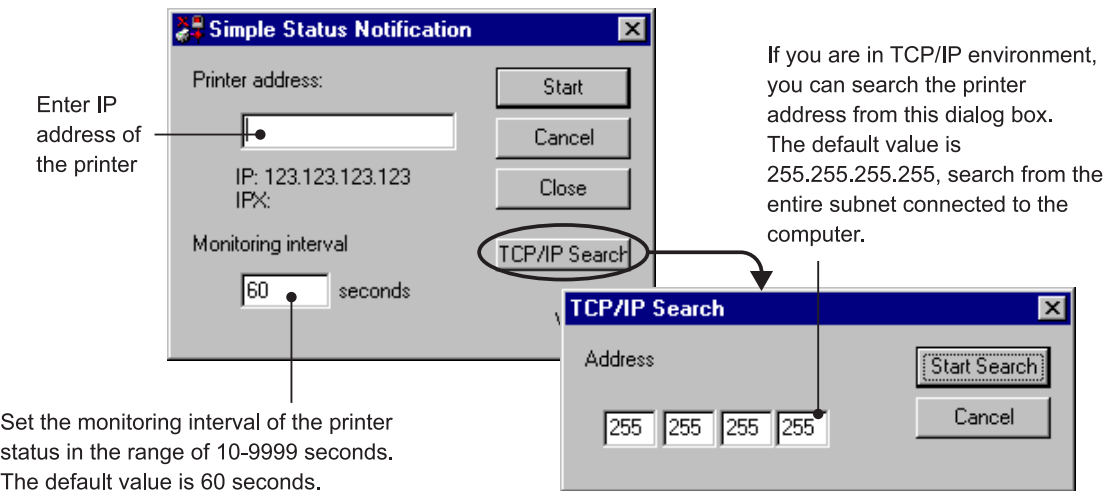
This completes the installation. Restart Windows to confirm that CentreWare SSN start automatically.

CentreWare SSN Features

This section explains the overview of CentreWare SSN features.

Simple Status Notification dialog box

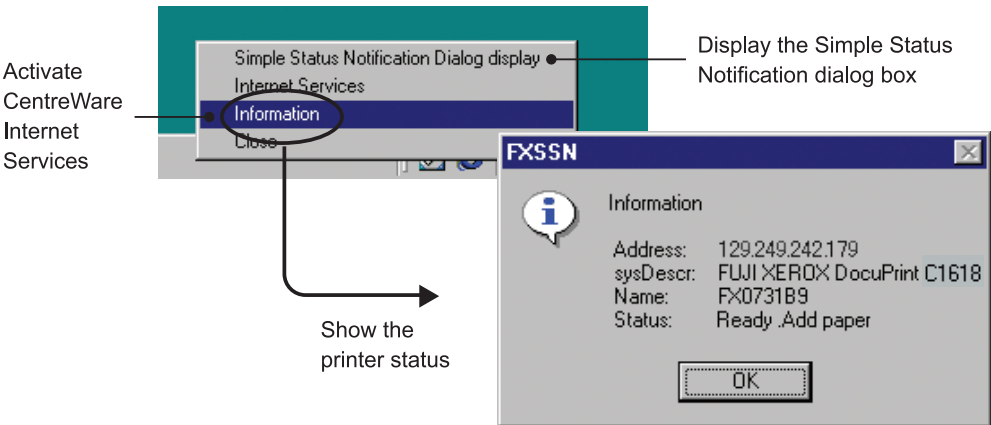
You can specify the target printer and the monitoring interval here.



Note
The Simple Status Notification dialog box is displayed during startup. You can also display this dialog box after startup by right-clicking the cursor on the printer icon and clicking **Simple Status Notification** Dialog display from the displayed menu. Click **Cancel** to close this dialog box.

Menu

After you have right-clicked the cursor on the printer icon, you can do the following on the displayed menu.



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