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Introduction

This manual contains detailed instructions on the operation and maintenance of this machine. To get maximum versatility from this machine all operators should carefully read and follow the instructions in this manual. Please keep this manual in a handy place near the machine.

Please read the Safety Information before using this machine. It contains important information related to USER SAFETY and PREVENTING EQUIPMENT PROBLEMS.

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Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights involved with those marks.

The proper names of the Windows operating systems are as follows:

- Microsoft® Windows® 95 operating system
- Microsoft® Windows® 98 operating system
- Microsoft® Windows® Millennium Edition (Windows Me)
- Microsoft® Windows® 2000 Professional
- Microsoft® Windows® 2000 Server
- Microsoft® Windows NT® Server operating system Version 4.0
- Microsoft® Windows NT® Workstation operating system Version 4.0

Notes:

Some illustrations might be slightly different from your machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

How to Read This Manual

Symbols

In this manual, the following symbols are used:

⚠ *WARNING:*

This symbol indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

⚠ *CAUTION:*

This symbol indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

* The statements above are notes for your safety.

Important

If this instruction is not followed, paper might be misfed, or data might be lost. Be sure to read this.

Preparation

This symbol indicates the prior knowledge or preparations required before operating.

Note

This symbol indicates precautions for operation, or actions to take after misoperation.

Limitation

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

Reference

This symbol indicates a reference.

[ ]

Keys that appear on the machine's panel display.

Keys and buttons that appear on the computer's display.

【 】

Keys built into the machine's control panel.

Keys on the computer's keyboard.

1. Setup Guide for each Printing Environment

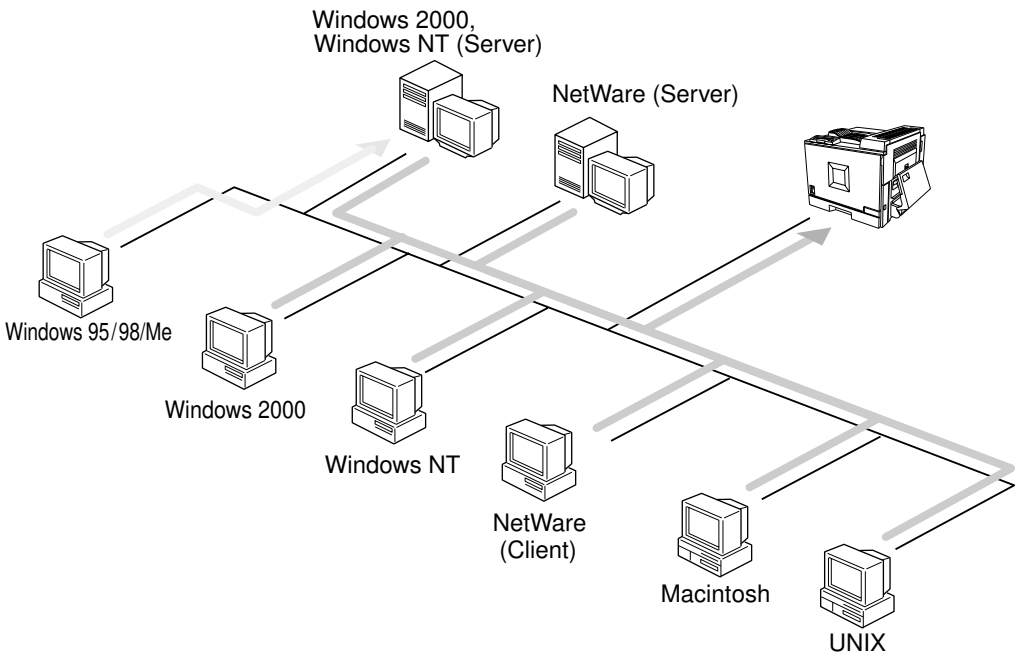
For the contents of each printer manual, see the MANUALS FOR THIS PRINTER.

This manual contains detailed instructions on configuring the machine. Read the section appropriate to your printing environment on how to configure the machine correctly.

Note

❒ This manual helps you find the information you need when referring to the Administrator Reference or the Client Reference.

Confirming a Network Environment



❖ Connecting Printer and Computer

- Network connection (Ethernet cable)
- Parallel connection (parallel cable)

❖ **Print Server**

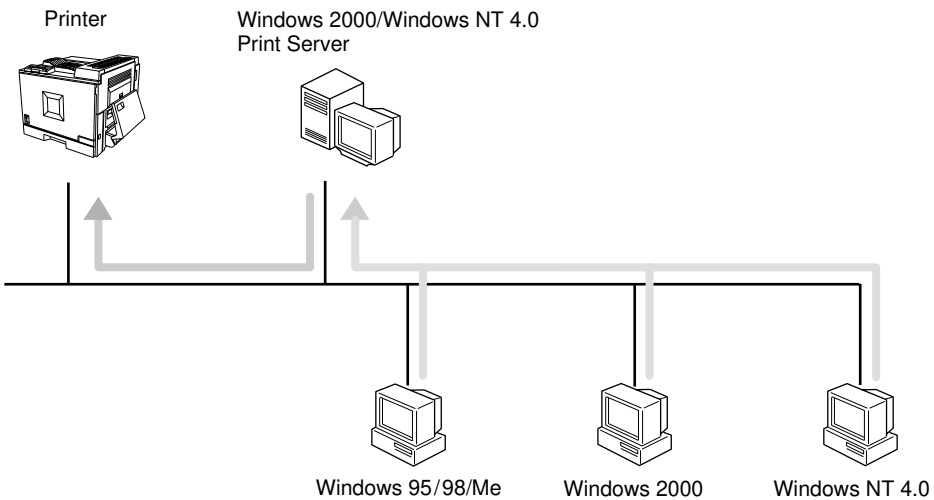
- Using the Windows 2000 or Windows NT 4.0 Print Server
- Using the NetWare Print Server
- Without Using a Print Server

❖ **Computers (Operating Systems) Used for Printing**

- Windows 95/98/Me
- Windows 2000
- Windows NT 4.0
- Macintosh
- UNIX

Network Printing with a Print Server

Printing with a Windows 2000 or Windows NT 4.0 Print Server



1 Select a protocol for the printer and print server.

2 Configure a protocol you want to use with the printer's control panel.

See "Making Printer Settings with the Control Panel" in the Administrator Reference.

3 **Configure a print server's protocol.**

See "Configuring the Protocols" in "Windows 2000 Print Server Configuration" or "Windows NT 4.0 Print Server Configuration" in the Administrator Reference.

4 **Select a port and install the printer driver.**

You can select one of the following three ports:

❖ **SmartNetMonitor Port**

See “Using a SmartNetMonitor for Client Port” in “Windows 2000 Print Server Configuration” or “Windows NT 4.0 Print Server Configuration” in the Administrator Reference.

❖ **Standard TCP/IP Port**

See “Using a Standard TCP/IP Port” in “Windows 2000 Print Server Configuration” in the Administrator Reference.

❖ **LPR Port**

See “Using a LPR Port” in “Windows 2000 Print Server Configuration” or “Windows NT 4.0 Print Server Configuration” in the Administrator Reference.

5 **Share the printer.**

See "Setting the Printer Shared" in "Windows 2000 Print Server Configuration" or "Windows NT 4.0 Print Server Configuration" in the Administrator Reference.

6 **Install the printer drive and configure the client.**

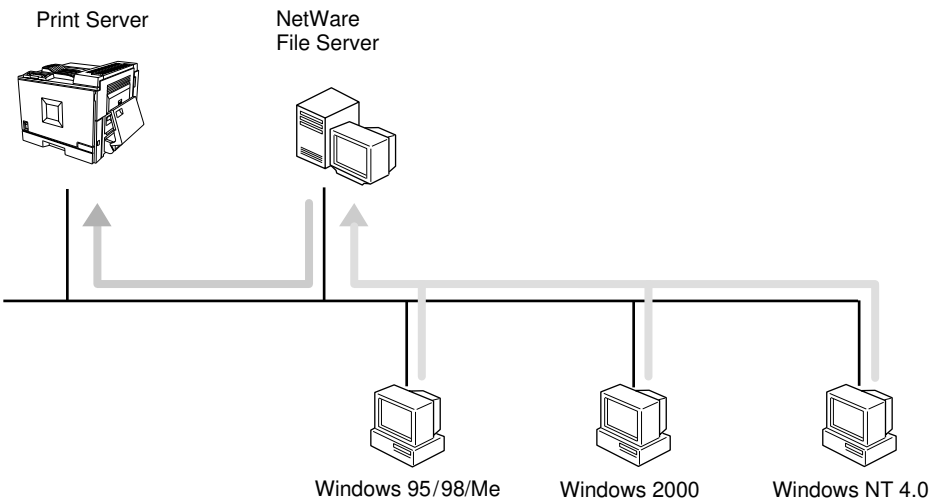
For more information about using a computer as a client, see the relevant section in the Client Reference.

Printing with a NetWare Print Server

Set up a network printer in a NetWare environment.

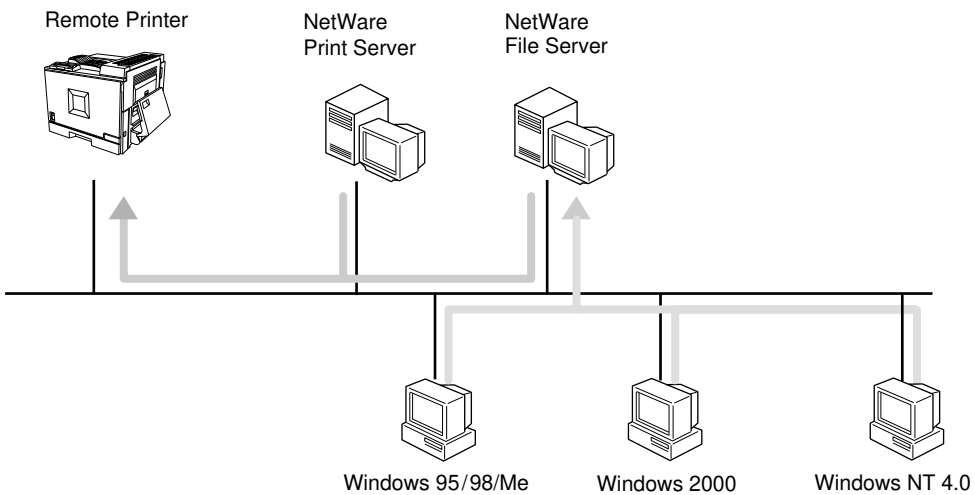
❖ Configuring the Printer as a Print Server

A dedicated NetWare print server is not required because the printer can be configured as a print server.



❖ Configuring the Printer as a Remote Printer

If a dedicated NetWare print server is being used, the printer should be configured as a remote printer.



1 Configure the printer for NetWare with the printer's control panel.

2 Configure NetWare. The procedure may differ depending on the NetWare version.

See "NetWare Configuration" in the Administrator Reference.

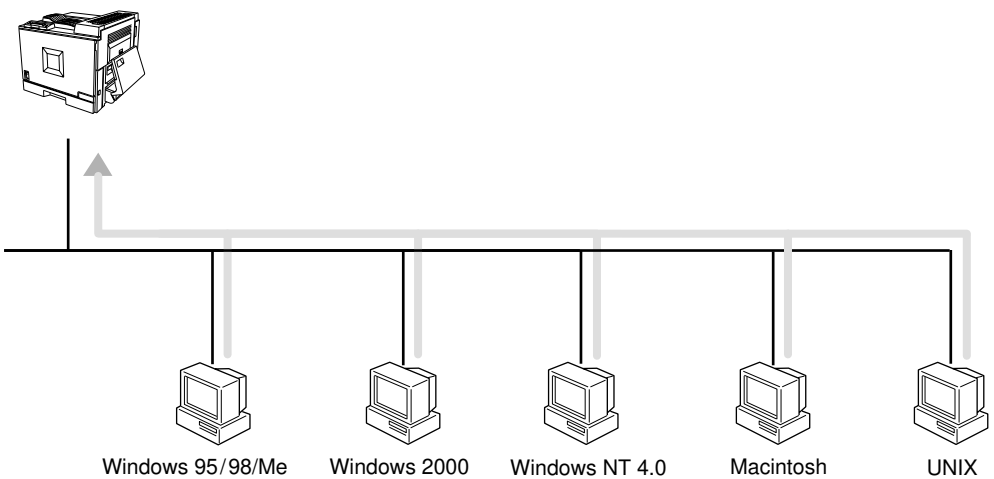
3 Configure the client.

For more information about using a computer as a client, see the relevant section in the Client Reference.

Printing without Using a Print Server

The following explains the setup procedure for connecting this printer to a network and then printing by bypassing the server.

You can print using Windows 95/98/Me, Windows 2000, Windows NT 4.0, Macintosh, or UNIX



Windows 95/98/Me

See "Printing without Using a Print Server" in "Windows 95/98/Me Configuration" in the Client Reference.

Windows 2000

See "Printing without Using a Print Server" in "Windows 2000 Configuration" in the Client Reference.

Windows NT 4.0

See "Printing without Using a Print Server" in "Windows NT 4.0 Configuration" in the Client Reference.

Macintosh

See "Macintosh Configuration" in the Client Reference.

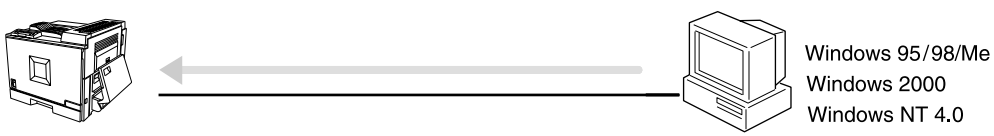
UNIX

Concerning UNIX printing information, please visit our web site or consult your authorized reseller.

Printing with Parallel Connection

The following explains the setup procedure for connecting the printer to your computer using a parallel cable or an IEEE 1394 interface cable.

You can print using Windows 95/98/Me, Windows 2000, or Windows NT 4.0.



1394 Interface Unit Type 1045 (IEEE 1394 interface)

With Windows 2000 only, you can print by installing the optional 1394 Interface Unit Type 1045 in the printer and connecting the board to the IEEE 1394 interface of your computer. For more information, see the procedural manual that comes with the 1394 Interface Unit Type 1045.

Windows 95/98/Me

See "Printing with Parallel Connection" in "Windows 95/98/Me Configuration" in the Client Reference.

Windows 2000

See "Printing with Parallel Connection" in "Windows 2000 Configuration" in the Administrator Reference.

Windows NT 4.0

See "Printing with Parallel Connection" in "Windows NT 4.0 Configuration" in the Administrator Reference.

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