

im2330 / im2830



For Océ and Imagistics Models





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For faster service, please have your machine model and serial number available before calling.

Serial Number:

This product was first introduced by Imagistics International Inc. and is now a part of the Océ product line. Please be aware that while some components may still carry the Imagistics name and markings, they are fully compatible with the Océ brand system.

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Thank you for purchasing an Océ im2330/im2830.

This QUICK START GUIDE provides the setup flow for installation of the im2330/im2830 and contents of this product, reference manuals and CD-ROMs.

Before using the Multifunctional Digital Systems, thoroughly read and understand this guide.

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In order to make correct use of this products security function, first read the following precautions carefully.

#### **To Administrators**

- If a physical security problem such as hardware removal or inappropriate disassembly should occur at the installation site, take the appropriate physical security measures such as checking who enters and leaves the site.
- When connecting this product with an outer network such as the Internet, only operate it in a network
  environment protected by a firewall, etc. to prevent information from being leaked due to incorrect settings or avoid illegal access by unauthorized users.
- To prevent the configuration settings from being changed illegally or similar, change the initial administrator password at the time of shipping before you use this product. Also, the administrator password should be altered periodically.
- In order to make proper use of the network function and user management function, be sure to read the Network Administration Guide and User Management Guide, set the given function and explain the instructions to general users as well.
- Always check if the network function and user management function are enabled in order to maintain the security. Should you happen to come across any abnormality, contact your service technician immediately. See the Network Administration Guide and User Management Guide for the checking method.

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# Trademarks

- The official name of Windows 98 is Microsoft Windows 98 Operating System.
- The official name of Windows Me is Microsoft Windows Me Operating System.
- The official name of Windows 2000 is Microsoft Windows 2000 Operating System.
- The official name of Windows XP is Microsoft Windows XP Operating System.
- The official name of Windows Server 2003 is Microsoft Windows Server 2003 Operating System.
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# 2. INTRODUCTION

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# **1. ITEMS INCLUDED WITH THE PRODUCT**

This system comes with the following items. Please make sure you have all the following items.

OPERATOR'S MANUALS
 QUICK START GUIDE
 OPERATOR'S MANUAL FOR BASIC FUNCTIONS
 USER FUNCTIONS GUIDE



Note

For more details about the Manuals, please see the following section. P.14 "3.LINEUP OF OUR MANUALS"

CD-ROM (2 disk)
 Client Utilities CD-ROM
 User Documentation CD-ROM



Note

For more details about the CD-ROMs, please see the following section.

# 2. ABOUT OPTIONAL EXPANSION KITS

There are three optional expansion kits to enable the printing functions and scanning functions on the equipment.

#### Printer Kit

The Printer Kit enables the printing functions on this equipment. The Printer Kit comes with the following items.



#### Scanner Kit

The Scanner Kit enables the scanning functions on this equipment. The Scanner Kit comes with the following items.



#### Printer/Scanner Kit

The Printer/Scanner Kit is required to enable both printing and scanning functions on this equipment. The Printer/Scanner Kit comes with the following items.



Dongle



Dongle Cover

Screws x 1

6

Font CD-ROM



Thank you for purchasing the Océ multifunctional digital systems im2330/im2830. We have provided you with these manuals for the operation of this equipment. Select and read the manual best suited to your needs.

#### **Quick Start Guide**

This Quick Start Guide describes the initial setup method of this equipment and accessories of this product such as operator's manuals and CD-ROMs.



#### **Operator's Manual Basic Functions**

This Operator's Manual Basic Functions describes how to use the basic functions of this equipment mainly focusing on the copying function. Also this manual contains safety precautions for users to be observed. Be sure to read it first carefully.



#### **User Functions Guide**

This User Functions Guide describes the functions and settings under the [USER FUNCTIONS] button on the control panel of this equipment.

#### Other guides are provided by the User Documentation CD-ROM in PDF files:



#### **Printer Utility Guide**

This Printer Utility Guide explains how to operate and set up the network functions such as the network scanning function and job management, using the Printer Utility (Web-based utility) from client computers.



#### **Network Administration Guide**

This Network Administration Guide explains the guidelines for setting up network servers to provide various network services, and troubleshooting for network administrators.



#### **Printing Guide**

This Printing Guide explains how to install the client software for printing from Microsoft Windows, Apple Mac OS, and UNIX computers, and print to the equipment.



#### Scanning Guide

This Scanning Guide explains how to operate the scanning function of this equipment.



#### e-Filing Guide

This e-Filing Guide explains how to operate the e-Filing function using the TWAIN driver, File Downloader and e-Filing web utility.



#### **Network Fax Guide**

This Network Fax Guide explains how to use the network fax function that enable users to operate fax and internet fax sending from a client computer via network.



#### User Management Guide

This User Management Guide describes how to manage this equipment using the functions of "Department Management", "User Management Setting" and "User Authentication for Scan to E-mail".

# To read manuals in PDF (Portable Document Format) files

Viewing and printing this operator's manual in PDF files require that you install Adobe Reader or Adobe Acrobat Reader on your PC. If Adobe Reader or Adobe Acrobat Reader is not installed on your PC, download and install it from the website of Adobe Systems Incorporated.

There is a Client Utilities CD-ROM comes with the product:

Client Utilities CD-ROM

In the Client Utilities CD-ROM, the following client software can be installed:

- For Windows
- PCL6 Printer Driver
- PS3 Printer Driver
- Document Monitor
- TWAIN Driver
- File Downloader
- N/W-Fax Driver
- Address Book Viewer
- Remote Scan driver

#### **For Macintosh**

- PPD file for Mac OS 8.6, 9.x, and OS X 10.1/10.2 (Classic)
- PPD file for Mac OS X 10.2.4 to Mac OS X 10.4.x

### For Admin's Client

- Océ NDPS Gateway
- e-Filing Backup/Restore Utility
- Unix Filters (for Solaris, HP-UX, IBM AIX, Linux, and OpenUnix)
- MIB
- CUPS
- Font CD-ROM

In the Font CD-ROM, the following client software can be installed: - Font Manager



For more details about the client software in the CD-ROMs, please see the following section. P.17 "5.ABOUT THE CLIENT SOFTWARE"

# **5. ABOUT THE CLIENT SOFTWARE**

The im3530/im4530 provides the following client software to perform printing, scanning, and network managing systems:

# **Client Software for Printing Features**

# Note

The Client Software for printing features are available only when the Printer Kit or Printer/Scanner Kit is installed.

PCL6 Printer Driver

This printer driver is used for printing gray scale documents that use TrueType fonts, such as a Microsoft Word, from the Windows computers.

- PS3 Printer Driver
   This printer driver is used for printing high-graphical-content documents that use PostScript fonts and graphics, such as Adobe PageMaker, from the Windows computers.
- Document Monitor

Document Monitor can be used to monitor the device and print jobs from the Windows computers.

Font Manager

Font Manager allows users to manage the TrueType fonts on the Windows computers.

Océ NDPS Gateway

Océ NDPS Gateway, provided in the Client Utilities CD-ROM, enable to configure the NDPS objects in servers running NetWare 5.1 with service pack 3A (3.0.1) or higher or NetWare 6.0/6.5.

Macintosh PPD Files

There are two PPD files provided in the Client Utilities CD-ROM: one is for Mac OS 8.6/9.x and OS X 10.1/10.2 (Classic), and the other one is for Mac OS X 10.2.4 to Mac OS X 10.4.x. These PPD files allow users to print from the Macintosh computers over the TCP/IP or AppleTalk network.

Unix Filters

Unix filters, provided in the Client Utilities CD-ROM, enable users to print from the Unix workstation using the lp command over the TCP/IP network.

CUPS

The Client Utilities CD-ROM includes the CUPS files that enable the CUPS print system on the Unix workstation.



Further details about the above client software are described in the Printing Guide.

## **Client Software for Scan Features**

#### Remote Scan driver

Remote Scan driver, provided in the Client Utilities CD-ROM, enable users to scan originals remotely and retrieve scanned images into the TWAIN-compliant application via a TCP/IP network.



Further details about the above client software are described in the Scanning Guide.

### **Client Software for e-Filing Features**

#### TWAIN Driver

TWAIN Driver, provided in the Client Utilities CD-ROM, enable users to acquire documents that are stored in e-Filing into the TWAIN-compliant application as an image via a TCP/IP network.

#### File Downloader

File Downloader, provided in the Client Utilities CD-ROM, enable users to acquire documents that are stored in e-Filing into the computer as a file via a TCP/IP network.

# e-Filing web utility

Using the e-Filing web utility, an embedded web-based utility, allows users to create boxes and folders, and move and delete documents in e-Filing. Users can also create a new document in e-Filing by merging the several documents.

# e-Filing Backup/Restore Utility The e-Filing Backup/Restore Utility, provided in the Client Utilities CD-ROM, can backup/restore the e-Filing data from/to the equipment.

Note

Further details about the above client software are described in the e-Filing Guide.

## **Client Software for Network Management**

Printer Utility

Printer Utility, embedded web-based utility, allows users to view the device information, monitor and manage jobs, and create templates and manage address book, etc. It also provides the administrator's functions to set up and maintain the device.



Further details about the functions of Printer Utility are described in the **Printer Utility Guide**.

# **Client Software for Network Fax Features**

• N/W-Fax Driver

The N/W-Fax driver enables you to set up send lists and send electronic documents as faxes or internet faxes from your PC to one or more destinations.

Address Book Viewer

With the Address Book Viewer you can effortlessly add or modify fax recipient names, fax numbers, and Internet Fax address (e-mail address) to the Address Book. This utility allows you to manage recipients of the fax, select and view fax recipients from the Address Book, as well as recipient fax numbers and other contact information.



Further details about the above client software are described in the Network Fax Guide.

# 3. SYSTEM REQUIREMENTS

1.	SYSTEM REQUIREMENTS	20	

This equipment supports various features under following environments. The features available for users vary according to the environment. The following section describes the required environment for each feature.

# Tip

The Copier functions of this equipment does not require special environment. Once you power on the machine, you can use the copier functions.

## **General Requirements**

This equipment requires following cables to connect with your computers.

•	Connector Cable	
	For USB Connection:	USB 1.1 compatible cable
	For Ethernet Connection:	10BASE-T/100BASE-TX STP cable with a Category 5 RJ-45 connector
•	Printer Utility Web-base m	nanagement utility
	Network Protocol:	TCP/IP
	Browser for Windows:	Microsoft Internet Explorer 5.5 or later
		Netscape Navigator 7.1 or later
	Browser for Macintosh:	Netscape Navigator 7.1 or later
		Safari 2.0
	Browser for Unix:	Netscape Navigator 7.1 or later

# **Printing Features**

This equipment requires following environment for printing functions.



The printing features are available only when the Printer Kit or Printer and Scanner Kit is installed.

#### Printing from Windows Platform

Display Resolution:	1024 x 768 dots or more
Display Color:	High Color (16bit) or higher is recommended
CPU:	Pentium 133 MHz minimum
	(Pentium 266 MHz or faster recommended)
Memory:	64MB or more for Windows 98
	96MB or more for Windows Me and Windows NT 4.0
	128MB or more for Windows 2000/XP/Server 2003
OS:	Windows 98 Operating System, English Version
	Windows Me Operating System, English Version
	Windows NT Workstation Operating System 4.0, English Version
	Windows NT Server Network Operating System 4.0, English Version
	Windows 2000 Professional Operating System, English Version
	Windows 2000 Server Operating System, English Version
	Windows XP Home Edition Operating System, English Version
	Windows XP Professional Operating System, English Version
	Windows Server 2003 Operating System, English Version
Connectability:	USB 1.1, Ethernet
Network Protocol:	TCP/IP, IPX/SPX
Printing Protocol:	SMB, Raw TCP, LPR/LPD, IPP v1.1
	NetWare PSERVER with NDS or Bindery

NetWare Print Server (if printing with the NetWare file server) NetWare 5.1/6.0/6.5

# Note

- USB printing for Windows 98 will be not supported after 2005.
- USB printing is not supported by Windows NT 4.0.

Printing from Macintosh F	Platform
Display Resolution:	1024 x 768 dots or more
OS:	Mac OS 8.6, Mac OS 9.x, Mac OS X 10.1/10.2 (Classic)
	Mac OS X 10.2.4 to Mac OS X 10.4.x
Connectability:	Ethernet
Network Protocol:	TCP/IP, AppleTalk, Bonjour
Printing Protocol:	AppleTalk, LPR/LPD, IPP, Bonjour
Printer Driver:	LaserWriter 8 <sup>(Only required for Mac OS 8.6/9.x and Mac OS X 10.1/10.2 Classic)</sup>
	Printing from Macintosh F Display Resolution: OS: Connectability: Network Protocol: Printing Protocol: Printer Driver:

# Note

USB printing is not supported by Macintosh.

#### Printing from Unix Platform

OS:	Sun Solaris v2.6/2.7/7.8/8/9
	HP-UX ver.10.20/11.x
	IBM AIX 4.3.3
	SCO UnixWare 7
	SCO OpenUnix 8
	Red Hat Linux 7.x/8.0/9.x
	Red Hat Linux Enterprise WS2
	SuSE Linux ver.7.x/8.x/9.x
	Mandrake Linux ver.7.x/8.x/9.x
	Turbo Linux 8/10
Connectability:	Ethernet
Network Protocol:	TCP/IP
Printing Protocol:	LPR/LPD

# **Scanning Features**

This equipment requires following environment for scan functions.

# Note

The scanning features are available only when the Scanner Upgrade Kit or Printer/Scanner Kit is installed.

•	General Requirements	Ethernet
	Network Protocol:	TCP/IP, SMB, FTP, IPX/SPX
	Network Server:	Windows File Server (for Scan to File over SMB)
		FTP Server (for Scan to File over FTP)
		NetWare File Server (for Scan to File over IPX/SPX)
		SMTP Server (for Scan to E-mail)
•	Remote Scan driver	
	OS:	Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version

Windows XP Home Edition Operating System, English Version Windows XP Professional Operating System, English Version Windows Server 2003 Operating System, English Version Ethernet TCP/IP

# **Fax/Internet Fax Features**

Connectability:

Network Protocol:

This equipment requires following environment for fax functions.

# Note

The Fax functions over the public switched telephone network require the optional Fax unit installed.

- Fax Transmission Connectability: Public Switched Telephone Network (PSTN)
   Internet Fax Transmission
  - Connectability
     :Ethernet

     Network Protocol:
     TCP/IP

     Network Server:
     POP3 Server (for receiving Internet Fax)

     SMTP Server (for transmitting Internet Fax)
  - N/W-Fax/Address Book Viewer Display Resolution: 1024 x 768 dots or more Display Color: High Color (16bit) or higher is recommended CPU: Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) Memory: 64MB or more for Windows 98 96MB or more for Windows Me and Windows NT 4.0 128MB or more for Windows 2000/XP/Server 2003 OS: Windows 98 Operating System, English Version Windows Me Operating System, English Version Windows NT Workstation Operating System 4.0, English Version Windows NT Server Network Operating System 4.0, English Version Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version Windows XP Home Edition Operating System, English Version Windows XP Professional Operating System, English Version Windows Server 2003 Operating System, English Version USB 1.1. Ethernet Connectability: Network Protocol: TCP/IP, IPX/SPX Printing Protocol: SMB, Raw TCP, LPR/LPD, IPP v1.1 NetWare PSERVER with NDS or Bindery

# **Electronic Filing (e-Filing) Features**

This equipment requires following environment for e-Filing functions.

e-Filing Web utility	
Network Protocol:	TCP/IP
Browser:	Microsoft Internet Explorer 5.5 or later (Only for Windows)
	Netscape Navigator 4.78 or later (Only for Windows)

#### • TWAIN Driver and File Downloader

•

Display Resolution:	1024 x 768 dots or more
Display Color:	High Color (16bit) or higher is recommended
CPU:	Pentium 133 MHz minimum
	(Pentium 266 MHz or faster recommended)
Memory:	256 MB
OS:	Windows 98 Operating System, English Version
	Windows Me Operating System, English Version
	Windows NT Workstation Operating System 4.0, English Version
	Windows NT Server Network Operating System 4.0, English Version
	Windows 2000 Professional Operating System, English Version
	Windows 2000 Server Operating System, English Version
	Windows XP Home Edition Operating System, English Version
	Windows XP Professional Operating System, English Version
	Windows Server 2003 Operating System, English Version
Connectability:	Ethernet
Connectability.	Etherhet
Network Protocol:	TCP/IP
e-Filing Backup/Restor	TCP/IP re Utility
e-Filing Backup/Restor	TCP/IP re Utility 1024 x 768 dots or more
e-Filing Backup/Restor Display Resolution: Display Color:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended
e-Filing Backup/Restor Display Resolution: Display Color: CPU:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum
Network Protocol: e-Filing Backup/Restor Display Resolution: Display Color: CPU:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended)
e-Filing Backup/Restor Display Resolution: Display Color: CPU: Memory:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB
e-Filing Backup/Restor Display Resolution: Display Color: CPU: Memory: OS:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB Windows 2000 Professional Operating System, English Version
Network Protocol: e-Filing Backup/Restor Display Resolution: Display Color: CPU: Memory: OS:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version
Network Protocol: e-Filing Backup/Restor Display Resolution: Display Color: CPU: Memory: OS:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version Windows XP Home Edition Operating System, English Version
Network Protocol: e-Filing Backup/Restor Display Resolution: Display Color: CPU: Memory: OS:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version Windows XP Home Edition Operating System, English Version Windows XP Professional Operating System, English Version
Network Protocol: e-Filing Backup/Restor Display Resolution: Display Color: CPU: Memory: OS:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version Windows XP Home Edition Operating System, English Version Windows XP Professional Operating System, English Version Windows Server 2003 Operating System, English Version
Network Protocol: e-Filing Backup/Restor Display Resolution: Display Color: CPU: Memory: OS: Connectability:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version Windows XP Home Edition Operating System, English Version Windows XP Professional Operating System, English Version Windows Server 2003 Operating System, English Version Windows Server 2003 Operating System, English Version Ethernet
Connectability:         Network Protocol:         e-Filing Backup/Restor         Display Resolution:         Display Color:         CPU:         Memory:         OS:         Connectability:         Network Protocol:	TCP/IP <b>re Utility</b> 1024 x 768 dots or more High Color (16bit) or higher is recommended Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended) 256 MB Windows 2000 Professional Operating System, English Version Windows 2000 Server Operating System, English Version Windows XP Home Edition Operating System, English Version Windows XP Professional Operating System, English Version Windows Server 2003 Operating System, English Version Windows Server 2003 Operating System, English Version Ethernet TCP/IP

# 4. CONNECTING TO THE DEVICE

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2.	CONNECTING TO THE NETWORK	27

The following describes how to connect this equipment to a computer using a USB1.1 or USB 2.0 compatible cable.

## Note

The USB cable is an optional item. Please obtain one that is compatible with your computer.

1 Insert the USB cable all the way to the deep end of the USB interface connector located on the rear side of the machine body.



- 2 Connect the other end of the USB cable to the USB port of your computer.
- **3** Turn ON the power of this equipment and the power of the computer.

The following describes how to connect this equipment to a network.



The 10BASE-T or 100BASE-TX cable is an optional item. Please obtain one that is compatible with your network.

1 Insert the 10BASE-T or 100BASE-TX cable to the network interface connector located on the rear side of the machine body.



**2** Turn ON the power of this equipment.

# **5. SETUP FLOW**

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# **1. OVERVIEW OF CONNECTIONS**

# Connecting the im3530/im4530

This equipment supports the various features of electric document processing service in direct connection with printer cable or USB cable, and in network connection such as printing, scanning, and sending E-mail or internet fax over the Internet. To enable these features, an administrator has to configure the proper network configuration with client computers, servers, and this equipment.

Following diagram describes the connectable configurations of this equipment.



For more information about each connection, please refer to the following sections: P.31 "Available Features Under Each Connection"

# Available Features Under Each Connection

The features available vary depending on the connected configuration. This section describes the features available for each connection.



The following connections can be used together. For example, it can directly connect to your computer with a USB cable, and it can also connect to the local area network over TCP/IP. In this case, all features described for each connection will be available for users.



- The printing features are available only when the Printer Kit or Printer/Scanner Kit is installed.
- The scanning features are available only when the Scanner Kit or Printer/Scanner Kit is installed.

### General Features Available for Any Connection

The following features are available in spite of the connection.

- General Copying Features
- Copy to e-Filing Features
- Scan to e-Filing Features
- Fax Transmission/Reception

# Note

The fax transmission is available only when the optional Fax unit is installed. It needs any extensional configuration with client computers, servers, or network, but it must be connected to the Public Switched Telephone Network. For more information about fax features, please refer to the **Operator's Manual for** *Facsimile Functions*.

### **USB** Connection

The following features are available when this equipment is directly connected to your computer with a USB cable.

#### **Printing Features**

· USB Printing from Windows computers

Note

USB Printing is not available for Windows NT 4.0.

# Local Area Network Connection over TCP/IP

The following features are available when this equipment is connected to the local area network over TCP/ IP where Windows computers, Macintosh computers or UNIX workstations are connected.

#### **Printing Features**

- SMB Printing from Windows computers
- Raw TCP or LPR Printing from Windows computers
- IPP Printing from Windows computers
- Novell Printing from Windows computers through the NetWare 5.1/6.0/6.5 in NDS or NDPS mode

- LPR Printing from Macintosh computers
- LPR Printing from Macintosh computers
- Bonjour Printing from Macintosh computers
- FTP Printing
- · Job monitoring with Document Monitor from Windows computers

#### **Scanning Features**

- Scan to File (SMB)
- Scan to File (FTP)

#### **Fax Features**

- Sending faxes from Windows computers using N/W-Fax driver (Optional Fax unit required.)
- Searching address book in the LDAP server

#### e-Filing Features

- · Managing and editing files in the e-Filing using e-Filing Web utility
- · Retrieving Images from the e-Filing with TWAIN Driver or File Downloader

#### **Network Management Features**

Monitoring and managing this equipment using Printer Utility

# Local Area Network Connection over IPX/SPX

The following features are available when this equipment is connected to the local area network over IPX/ SPX where Windows computers and NetWare file servers are connected.

#### **Printing Features**

- Novell Printing from Windows computers through the NetWare 5.1/6.0/6.5 in NDPS mode
- Novell Printing from Windows computers through the NetWare 5.1/6.0/6.5 in NDS mode
- Novell Printing from Windows computers through the NetWare 5.1/6.0/6.5 in Bindery mode
- Job monitoring with Document Monitor from Windows computers

#### **Scanning Features**

Scan to File (IPX/SPX)

# Internet Connection

The following features are available when this equipment is connected to the network where client workstations can access to the Internet.

#### **Printing Features**

- IPP Printing from Windows computers over the Internet
- · E-mail Printing using the E-mail client application over the Internet

#### **Scanning Features**

Scan to E-mail

#### Fax/Internet Fax Features

- Internet Fax Transmission/Reception
- · Internet Fax transmission from Windows computers using the N/W-Fax driver
- Onramp Gateway transmission (Optional Fax unit required.)
- Offramp Gateway transmission (Optional Fax unit required.)

# **Initial Device Setup**

First of all, you must set up how this equipment is managed and works as copier, printer, scanner, and facsimile. This equipment can be used with the default settings, but some must be configured for this equipment works properly.

P.34 "3.INITIAL DEVICE SETUP"

# Setup the Network Document Processing System

This equipment is the Network-Ready MFP that can be used immediately after you connect to your network.

However, it is recommended to read following sections to make sure you choose right environments and efficient settings for each features on this equipment even if you connect the machine to the above environments. Also some features require configuring the settings to suit your environments.

This equipment may provide advanced document processing system in your place, if you add little more environments in your place.

The references below are described easy-setup flow to enable each advanced document processing features:

#### Setup Flow for Printing Environments

P.40 "Setup Flow for Microsoft Windows Workstation"

P.53 "Setup Flow for Macintosh Workstation"

P.58 "Setup Flow for Unix Workstation"

P.62 "Setup Flow for FTP Printing"

P.64 "Setup Flow for E-mail Printing"

#### Setup Flow for Scanning Environments

P.66 "Setup Flow for Scan to File"

P.68 "Setup Flow for Scan to E-mail"

#### Setup Flow for Fax/Internet Fax Environments

P.71 "Setup Flow for Network-Fax"

P.73 "Setup Flow for Internet Fax"

P.75 "Setup Flow for Onramp Gateway" (Optional Fax unit required)

P.77 "Setup Flow for Offramp Gateway" (Optional Fax unit required)

#### Setup Flow for e-Filing Environments

P.80 "Setup Flow for e-Filing Web Utility"

P.81 "Setup Flow for e-Filing Client Software"

#### Setup Flow for Printer Utility, Web-based Network Management Utility

P.35 "4.SETUP FLOW FOR Printer Utility"

Before starting to use this equipment as a copier, printer, scanner, and facsimile, it is recommended to configure the general device settings on this equipment.

Following table shows the minimum setup required after you power on this equipment at the first time.

Setup Flow	Description/Reference
Setting the Depart- ment Code	<ul> <li>When you want to manage the counters separately by the department code, you must register and enable the department code.</li> <li>Reference: USER FUNCTIONS GUIDE</li> <li>Chapter 2 "MANAGING COUNTERS"</li> <li><sup>(1)</sup> "4. MANAGING DEPARTMENT CODE"</li> </ul>
Setting the Paper Size for Each Drawer	<ul> <li>Specify the paper sizes that are set on each drawer.</li> <li>Reference: USER FUNCTIONS GUIDE</li> <li>Chapter 3 "SETTING ITEMS (USER)"</li> <li>IIII "7. SETTING DRAWER"</li> </ul>
Setting the Device Information	<ul> <li>Specify the device information.</li> <li>Reference: USER FUNCTIONS GUIDE</li> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li></li></ul>
Setting the Administra- tor Password	As a default, the administrator password has been set as "123456". It is rec- ommended to change the administrator password to secure the administrator's function menus. <b>Reference: USER FUNCTIONS GUIDE</b> • Chapter 4 "SETTING ITEMS (ADMIN)" ↓ "2. SETTING GENERAL FUNCTIONS" □ "Setting the Administrator Password"
Setting the Terminal ID	If the optional Fax unit is installed, specify the terminal ID to identify the fax ter- minal information. <b>Reference: USER FUNCTIONS GUIDE</b> • Chapter 4 "SETTING ITEMS (ADMIN)" ↓ "5. SETTING FAX FUNCTIONS" □ "Setting the Terminal ID"
Users and an administrator can remotely manage the equipment using Printer Utility, web-based utility.

Once Printer Utility is enabled, users can view the device information, and manage their jobs remotely from the computer using the web browser. Also Printer Utility allows users to register the address book and templates using Printer Utility.

Using an administrator's functions of Printer Utility, an administrator can set up and maintain the equipment remotely.

To enable Printer Utility, an administrator should set up the network connection between computers and this equipment over TCP/IP, and enable the HTTP network service.

Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE</li> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li></li></ul>
Set up the HTTP Net- work Service	<ul> <li>Enable the HTTP Network Server.</li> <li>Reference: USER FUNCTIONS GUIDE</li> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li></li></ul>

# 5. SETUP FLOW FOR USER MANAGEMENT

### **Setup Flow for Department Management**

You can audit the copy quantity of copy, print, scan, and facsimile pages performed by setting a department code. Up to 1000 department codes can be registered.

Setup Flow	Description/Reference
Register Department Code	<ul> <li>Before enabling the department management, you must register at least one department code.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 2 "MANAGING COUNTERS (COUNTER MENU)"</li> <li>↓ "4. MANAGING DEPARTMENT CODE"</li> <li>□ "Registering a New Department Code"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>↓ "Managing Department Code"</li> <li>□ "Registering or modifying the Department Code"</li> </ul> </li> </ul>
Enable Department Management	<ul> <li>After you register the department code, enable the department code management.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 2 "MANAGING COUNTERS (COUNTER MENU)"</li> <li> <ul> <li> <li> <ul> <li> <li> <ul> <li>"4. MANAGING DEPARTMENT CODE"</li> <li> <ul> <li> <li>"Enabling Department Code"</li> </li></ul> </li> <li>Reference: Printer Utility Guide </li> <li> <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <li> <ul> <li>"Setting up from Printer Utility"</li> <li> <ul> <li>"Setting up Device Settings"</li> <li> <ul> <li> <li>"Setting up the Device Information"</li> </li></ul> </li> </ul> </li> </ul></li></li></ul></li></ul></li></ul></li></li></ul></li></li></ul></li></ul></li></ul>

### Setup Flow for User Management Setting

When you want to manage the authentication for each individual user, enable the User Management Setting.

This equipment supports the following methods for the User Management Setting.

#### Windows Domain Authentication

When you network manages the network users using the Windows Domain, this equipment can be managed using the Windows Domain Authentication.

When this is configured, users must enter the user name and password that is registered in the Windows Domain to perform the any operations on the Control Panel of this equipment.

#### LDAP Authentication

When you network manages the network users using the LDAP, this equipment can be managed using the LDAP Authentication.

When this is configured, users must enter the user name and password that is registered in the LDAP server to perform the any operations on the Control Panel of this equipment.

#### MFP Local Authentication

When you do not have any network authentication systems in your network, you can use the MFP Local Authentication.

When this is configured, users must enter the user name and password that is registered in the MFP to perform the any operations on the Control Panel of this equipment.

#### Note

When you enable the User Management Setting, the department management will be enabled automatically. However, no department code has been registered, you cannot enable the User Management Setting. In that case, please register the department code before enabling the User Management Setting. P.36 "Setup Flow for Department Management"

Setup Flow	Description/Reference
Configure Network Authentication Service (Optional)	Make sure that the Network Authentication Service is configured correctly in the network server if you use Windows Domain Authentication or LDAP Authentication.
	Note
	If the LDAP authentication is used, some settings will be required in the net- work server and the equipment. For information about setting up the LDAP authentication, please see the following section. <b>Reference: Network Administration Guide</b> - Chapter 1 "Setting up Network Server"
Configure Role Based Access Control (Optional)	Configuring the Role Based Access Control in the LDAP server if the Role Based Access Control is enabled. <b>Reference: Network Administration Guide</b> • Chapter 1 "Setting up Network Server"
Enable User Manage- ment Setting	<ul> <li>Enable the User Management Setting that is suited to your network.</li> <li>Reference: User Management Guide</li> <li>Chapter 1 "Setting up User Management"</li> <li></li></ul>

Setup Flow	Description/Reference
Register User Informa- tion	<ul> <li>After enabling the User Management Setting, register the User Information.</li> <li>Reference: User Management Guide <ul> <li>Chapter 1 "Setting up User Management"</li> <li></li></ul></li></ul>

# Setup Flow for User Authentication for Scan to E-mail

When the User Authentication for Scan to E-mail is enabled, users must enter the user name and password that has the access privilege for the SMTP server before performing Scan to E-mail.

## Tip

The User Authentication for Scan to E-mail does not apply for Internet Fax by selecting e-mail addresses in the [FAX] screen.

Setup Flow	Description/Reference
Enable User Authenti- cation for Scan to E- mail	<ul> <li>Enable the User Authentication for Scan to E-mail.</li> <li>Reference: User Management Guide</li> <li>Chapter 1 "Setting up User Management"</li> <li></li></ul>

# 6. SETUP FLOW FOR PRINTING FEATURES

#### Setup Flow for Microsoft Windows Workstation

This equipment supports USB printing, Raw TCP printing, LPR printing, SMB printing, and IPP printing for Windows computers. The required configurations are different for each printing system.

- If the equipment is connected using a USB cable, set up USB printing.
- P.40 "Setup Flow for USB Printing"
- If the equipment is connected in the network but you are not sure which printing system you will use, choose the proper printing system according to operating systems of clients in your network:
  - For Windows 98/Me: SMB Printing
  - P.44 "Setup Flow for SMB Printing"
  - For Windows NT 4.0, Windows 2000, Windows XP, Windows Server 2003: Raw TCP or LPR Printing P.42 "Setup Flow for Raw TCP/LPR Printing"



 It assumes using SMB printing in a small network. If you can use the Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003 as a print server, it is recommended to set up for printing via Windows print server.

P.48 "Setup Flow for Printing via Windows Print Server"

The printing features are available only when the Printer Kit is installed, or when the Printer/Scanner Kit is installed.

#### **Setup Flow for USB Printing**

This equipment can be used as printer connected with a USB cable. When it is connected with a USB cable, it does not require an initial setup. After you connect this equipment and your computer, install the printer drivers and then it provides USB printing features.

# Note

USB printing is not available for Windows NT 4.0.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine and your computer with a USB cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li> <sup>(1)</sup> 1.CONNECTING TO THE USB PORT"     </li> </ul>

Setup Flow	Description/Reference
Install the Client Soft- ware	<ul> <li>Install the printer driver from the Client Utilities CD-ROM.</li> <li>Reference: Printing Guide</li> <li>Chapter 2 "INSTALLING CLIENT SOFTWARE FOR WINDOWS"</li> <li>Installing the Client Software for USB Printing"</li> </ul>
Configuring the Printer Drivers	<ul> <li>Configure the options and department code.</li> <li>Reference: Printing Guide</li> <li>Chapter 5 "PRINTING FROM WINDOWS"</li> <li></li></ul>

### Setup Flow for Raw TCP/LPR Printing

This equipment can be used with Raw TCP or LPR printer connection for Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003. Raw TCP or LPR printing is the common method to setting up the printer from servers.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>✓ "3. SETTING NETWORK FUNCTIONS"</li> <li>□□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>✓ "Setting up from Printer Utility"</li> <li>✓ "Setting up Network Settings"</li> <li>□□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the Printing Service	If users use Windows 2000, Windows XP, or Windows Server 2003 for printing, enable the Raw TCP Printing Service using Printer Utility. It is recommended to use Raw TCP printing rather than LPR printing. <b>Reference: Printer Utility Guide</b> • Chapter 7 "Printer Utility ADMINISTRATOR MODE" ↓ "Setting up from Printer Utility" ↓ "Setting up Print Service Settings"
	<ul> <li>✓ Setting up Print Service Settings"</li> <li></li></ul>

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Setup Flow	Description/Reference
Install the Client Soft- ware	<ul> <li>Install the printer driver from the Client Utilities CD-ROM.</li> <li>Reference: Printing Guide</li> <li>Chapter 2 "INSTALLING CLIENT SOFTWARE FOR WINDOWS"</li> <li>Installing the Client Software for Raw TCP/LPR Printing"</li> </ul>
Configuring the Printer Drivers	<ul> <li>Configure the options and department code.</li> <li>Reference: Printing Guide</li> <li>Chapter 5 "PRINTING FROM WINDOWS"</li> <li></li></ul>

#### **Setup Flow for SMB Printing**

This equipment can be used with SMB printer connection that allows you to connect to this equipment using File and Printer Sharing for Microsoft Networks service. SMB printing is the common method to setting up the printer from the Windows 98/Me computers. However, SMB printing is not suitable for printing a large amount of documents.



# Note

It assumes using SMB printing in a small network. If you can use the Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003 as a print server, it is recommended to set up for printing via Windows print server.

P.48 "Setup Flow for Printing via Windows Print Server"

Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li> <li> <ul> <li>"3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li> <li>"Setting the TCP/IP Protocol"</li> </li></ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li>"Setting up from Printer Utility"</li> <li> <ul> <li>"Setting up Network Settings"</li> <li> <ul> <li>"Setting up the TCP/IP"</li> </ul> </li> </ul> </li> </ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></li></ul>

Setup Flow	Description/Reference
Set up the SMB	<ul> <li>Specify the NetBIOS name and Workgroup. If the users have to connect to this equipment from different segment in your network, specify the WINS server settings as well.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <li> <ul> <li> <li> <ul> <li>Gastron</li> <li>Gastron</li> <li>Gastron</li> </ul> </li> </li></ul> </li> <li>Protocol</li> </li></ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li> <li>Setting up from Printer Utility"</li> <li> <ul> <li>Setting up Network Settings"</li> <li> <ul> <li>Gastron</li> <li> <li>Setting up the SMB"</li> </li></ul> </li> </ul> </li> </li></ul></li></ul></li></ul></li></ul></li></ul>
Install the Client Soft- ware	<ul> <li>Install the printer driver from the Client Utilities CD-ROM.</li> <li>Reference: Printing Guide</li> <li>Chapter 2 "INSTALLING CLIENT SOFTWARE FOR WINDOWS"</li> <li>Installing the Client Software for SMB Printing"</li> </ul>
Configuring the Printer Drivers	<ul> <li>Configure the options and department code.</li> <li>Reference: Printing Guide</li> <li>Chapter 5 "PRINTING FROM WINDOWS"</li> <li></li></ul>

# Setup Flow for IPP Printing

This equipment can be used with the IPP printer connection for Windows 2000, Windows XP, and Windows Server 2003, and in a TCP/IP network. Even though IPP printing can be used in the local area network, this method is commonly used to print over the Internet. If you allow IPP printing through the Internet, you must configure the DNS server to enable users to access this equipment over the Internet using the HTTP protocol.

This is useful when users want to print to this equipment from outside the local area network.

Connecting over Internet Windows 2000 Windows XP Windows Server 2003

Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>✓ "3. SETTING NETWORK FUNCTIONS"</li> <li>□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>✓ "Setting up from Printer Utility"</li> <li>✓ "Setting up Network Settings"</li> <li>□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the DNS (Optional)	If you want to print from the Internet, configure the DNS settings using Printer Utility to enable accessing to this equipment over the Internet. Also, if the DNS server supports the Dynamic DNS, enable the DDNS as well. <b>Reference: Printer Utility Guide</b> • Chapter 7 "Printer Utility ADMINISTRATOR MODE" ↓ "Setting up from Printer Utility" ↓ "Setting up Network Settings"

Setup Flow	Description/Reference
Set up the Printing Service	<ul> <li>Enable the IPP Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>
Install the Client Soft- ware	<ul> <li>Install the printer driver from the Client Utilities CD-ROM.</li> <li>Reference: Printing Guide</li> <li>Chapter 2 "INSTALLING CLIENT SOFTWARE FOR WINDOWS"</li> <li>Installing the Client Software for IPP Printing"</li> </ul>
Configuring the Printer Drivers	<ul> <li>Configure the options and department code.</li> <li>Reference: Printing Guide</li> <li>Chapter 5 "PRINTING FROM WINDOWS"</li> <li></li></ul>

#### Setup Flow for Printing via Windows Print Server

When you want to manage all print jobs in the print server instead of directly printing to this equipment, the Microsoft's Client Server network solution is helpful. In this case, an administrator sets up the sharing printer using Raw TCP or LPR printing in Windows NT 4.0, Windows 2000, Windows XP or Windows Server 2003. Then clients can install the printer driver from the Windows print server using SMB printing.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>✓ "3. SETTING NETWORK FUNCTIONS"</li> <li>□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>✓ "Setting up from Printer Utility"</li> <li>✓ "Setting up Network Settings"</li> <li>□ "Setting up the TCP/IP"</li> </ul> </li> </ul>

Setup Flow	Description/Reference
Set up the Printing Service	<ul> <li>Enable the Raw TCP or LPD Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li></li></ul></li></ul>
Install the Printer Driver on the Win- dows Print Server	<ul> <li>Install the printer driver from the Client Utilities CD-ROM.</li> <li>Reference: Printing Guide</li> <li>Chapter 2 "INSTALLING CLIENT SOFTWARE FOR WINDOWS"</li> <li>Installing the Client Software for Raw TCP/LPR Printing"</li> </ul>
Configuring the Printer Drivers	<ul> <li>Configure the options and department code.</li> <li>Reference: Printing Guide</li> <li>Chapter 5 "PRINTING FROM WINDOWS"</li> <li></li></ul>
Setting up the Print Server	<ul> <li>Configure the printer on the Windows print server as shared printer.</li> <li>Reference: Network Administration Guide</li> <li>Chapter 1 "SETTING UP NETWORK SERVER"</li> <li></li></ul>
Install the Printer Driver on the Client computers	Install the printer driver from the queue in the Windows print server by point and print installation. This installation method is common for Windows print sharing service. Please refer to the Windows documentation about the installa- tion from the Windows shared printer.

#### **Setup Flow for Novell Printing**

When you want to manage the print jobs in the NetWare print server instead of directly printing to this equipment, an administrator must configure the NetWare print servers and this equipment. This equipment supports the PSERVER in the NetWare 5.1/6.0/6.5 bindery emulation mode and NDS/ NDPS mode.



This equipment also supports the Novell iPrint that is available for NetWare 6.0/6.5. Using Novell iPrint, users can download and install the printer driver from the NetWare server using iPrint Client.



Setup Flow	Description/Reference
Connect this equip- ment	Connect the machine to your network with a network cable. <b>Reference: QUICK START GUIDE</b> • Chapter 4 "CONNECTING TO THE DEVICE"
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>♥ "3. SETTING NETWORK FUNCTIONS"</li> <li>□□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>♥ "Setting up from Printer Utility"</li> <li>♥ "Setting up Network Settings"</li> <li>□□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the IPX/SPX	<ul> <li>When you want to connect the NetWare file server over IPX/SPX, enable the IPX/SPX protocol and select the frame type.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <li> <ul> <li> <li>"3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li>"Setting the IPX/SPX Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li>"Setting up from Printer Utility"</li> <li> <ul> <li>"Setting up Network Settings"</li> <li> <ul> <li>"Setting up the IPX/SPX"</li> </ul> </li> </ul> </li> </ul></li></li></ul></li></li></ul></li></ul></li></ul>
Set up the NetWare settings	Configure the NetWare settings on this equipment. <b>Reference: USER FUNCTIONS GUIDE</b> • Chapter 4 "SETTING ITEMS (ADMIN)" ↓ "3. SETTING NETWORK FUNCTIONS"
Set up the Printing Service	<ul> <li>Enable the NetWare Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>

Setup Flow	Description/Reference
Install the Client Soft- ware	<ul> <li>Install the printer driver from the Client Utilities CD-ROM.</li> <li>Reference: Printing Guide</li> <li>Chapter 2 "INSTALLING CLIENT SOFTWARE FOR WINDOWS"</li> <li>"Installing the Client Software for Novell Printing"</li> <li>"Installing the Client Software for Novell iPrint"</li> </ul>
Configuring the Printer Drivers	<ul> <li>Configure the options and department code.</li> <li>Reference: Printing Guide</li> <li>Chapter 5 "PRINTING FROM WINDOWS"</li> <li></li></ul>

#### Setup Flow for Macintosh Workstation

This equipment supports AppleTalk printing, LPR printing, IPP printing, and Bonjour printing for Macintosh computers. The configurations required are different for each printing system.



The printing features are available only when the Printer Kit is installed, or when the Printer/Scanner Kit is installed.

#### Setup Flow for AppleTalk Printing

This equipment can be used with an AppleTalk printer connection using the LaserWriter 8 printer driver.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the AppleTalk	<ul> <li>Enable the AppleTalk protocol.</li> <li>Reference: USER FUNCTIONS GUIDE</li> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <li> <ul> <li> <li> <ul> <li>* 3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li> <li> <ul> <li>* Setting the AppleTalk Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide</li> </li></ul> </li> <li> <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li> <ul> <li>* Setting up from Printer Utility"</li> <li> <ul> <li>* Setting up Network Settings"</li> <li> <ul> <li> <li> <ul> <li>* Setting up the AppleTalk"</li> </ul> </li> </li></ul> </li> </ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></li></ul></li></li></ul></li></ul>
Install the Client Soft- ware	<ul> <li>Install the Macintosh PPD file from the Client Utilities CD-ROM and creating a printer.</li> <li>Reference: Printing Guide <ul> <li>Chapter 3 "INSTALLING CLIENT SOFTWARE FOR MACINTOSH"</li> <li>Installing the Printer on Mac OS 8.6/9.x"</li> <li>"Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.4.x"</li> </ul> </li> </ul>

#### **Setup Flow for LPR Printing**

This equipment can be used with LPR printer connection using the LaserWriter 8 printer driver.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>♥ "3. SETTING NETWORK FUNCTIONS"</li> <li>□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>♥ "Setting up from Printer Utility"</li> <li>♥ "Setting up Network Settings"</li> <li>□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the Printing Service	<ul> <li>Enable the LPD Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li></li></ul></li></ul>
Install the Client Soft- ware	<ul> <li>Install the Macintosh PPD file from the Client Utilities CD-ROM and creating a printer.</li> <li>Reference: Printing Guide <ul> <li>Chapter 3 "INSTALLING CLIENT SOFTWARE FOR MACINTOSH"</li> <li>"Installing the Printer on Mac OS 8.6/9.x"</li> <li>"Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.4.x"</li> </ul> </li> </ul>

#### **Setup Flow for IPP Printing**

This equipment can be used with the IPP printer connection for Mac OS X in a TCP/IP network using CUPS. Even though IPP printing can be used in a local area network, this method is commonly used to print over the Internet. If you allow IPP printing through the Internet, you must configure the DNS server to enable users to access this equipment over the Internet using the HTTP protocol. This is useful when users want to print to this equipment from outside the local area network.





IPP printing for Macintosh is available for Mac OS X 10.2.4 to 10.4.x.

Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>✓ "3. SETTING NETWORK FUNCTIONS"</li> <li>□□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>✓ "Setting up from Printer Utility"</li> <li>✓ "Setting up Network Settings"</li> <li>□□ "Setting up the TCP/IP"</li> </ul> </li> </ul>

Setup Flow	Description/Reference
Set up the DNS (Optional)	If you want to print from the Internet, configure the DNS settings using Printer Utility to enable accessing to this equipment over the Internet. Also, if the DNS server supports the Dynamic DNS, enable the DDNS as well. <b>Reference: Printer Utility Guide</b> • Chapter 7 "Printer Utility ADMINISTRATOR MODE" ↓ "Setting up from Printer Utility" ↓ "Setting up Network Settings"
Set up the Printing Service	<ul> <li>Enable the IPP Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li></li></ul></li></ul>
Install the Client Soft- ware	<ul> <li>Install the Macintosh PPD file from the Client Utilities CD-ROM and creating a printer.</li> <li>Reference: Printing Guide</li> <li>Chapter 3 "INSTALLING CLIENT SOFTWARE FOR MACINTOSH"</li> <li>Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.4.x"</li> </ul>

# Setup Flow for Bonjour Printing

This equipment can be used with Bonjour printer connection.



Note

Bonjour printing for Macintosh is available for Mac OS X 10.2.4 to 10.4.x.

Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>✓ "3. SETTING NETWORK FUNCTIONS"</li> <li>□□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>✓ "Setting up from Printer Utility"</li> <li>✓ "Setting up Network Settings"</li> <li>□□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the Bonjour	<ul> <li>Enable the Bonjour using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>
Install the Client Soft- ware	<ul> <li>Install the Macintosh PPD file from the Client Utilities CD-ROM and creating a printer.</li> <li>Reference: Printing Guide <ul> <li>Chapter 3 "INSTALLING CLIENT SOFTWARE FOR MACINTOSH"</li> <li>Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.4.x"</li> </ul> </li> </ul>

#### Setup Flow for Unix Workstation

This equipment supports printing for Unix workstations using the Unix Filters or CUPS.



The printing features are available only when the Printer Kit is installed, or when the Printer/Scanner Kit is installed.

### **Setup Flow for LPR Printing**

This equipment provides the Unix filters to print from Unix workstations. You can perform LPR printing from the Unix workstation using the Unix filters.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li> <li> <ul> <li>"3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li>"Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li>"Setting up from Printer Utility"</li> <li> <ul> <li>"Setting up Network Settings"</li> <li> <ul> <li>"Setting up the TCP/IP"</li> </ul> </li> </ul> </li> </ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></li></ul>
Set up the Printing Service	<ul> <li>Enable the LPD Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li></li></ul></li></ul>

Setup Flow	Description/Reference
Install the Client Soft- ware	<ul> <li>Install the Unix filters from the Client Utilities CD-ROM and configure a print queue.</li> <li>Reference: Printing Guide</li> <li>Chapter 4 "INSTALLING CLIENT SOFTWARE FOR UNIX"</li> <li><sup>(1)</sup> "Setting Up the UNIX Filters"</li> </ul>

#### **Setup Flow for IPP Printing**

This equipment can be used with the IPP printer connection for Unix workstation in a TCP/IP network using CUPS. Even though IPP printing can be used in a local area network, this method is commonly used to print over the Internet. If you allow IPP printing through the Internet, you must configure the DNS server to enable users to access this equipment over the Internet using the HTTP protocol. This is useful when users want to print to this equipment from outside the local area network.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li> <sup>(1)</sup> "2. CONNECTING TO THE NETWORK"</li> </ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>♥ "3. SETTING NETWORK FUNCTIONS"</li> <li>□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>♥ "Setting up from Printer Utility"</li> <li>♥ "Setting up Network Settings"</li> <li>□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the DNS (Optional)	If you want to print from the Internet, configure the DNS settings using Printer Utility to enable accessing to this equipment over the Internet. Also, if the DNS server supports the Dynamic DNS, enable the DDNS as well. <b>Reference: Printer Utility Guide</b> • Chapter 7 "Printer Utility ADMINISTRATOR MODE" ↓ "Setting up from Printer Utility" ↓ "Setting up Network Settings"

Setup Flow	Description/Reference
Set up the Printing Service	<ul> <li>Enable the IPP Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>
Install the Client Soft- ware	<ul> <li>Install the CUPS from the Client Utilities CD-ROM and configure a print queue.</li> <li>Reference: Printing Guide</li> <li>Chapter 4 "INSTALLING CLIENT SOFTWARE FOR UNIX"</li> <li></li></ul>

#### **Setup Flow for FTP Printing**

FTP printing allows users to send a print file using the FTP protocol from anywhere you can access to this equipment.

This equipment supports FTP printing which enables to print a file sent through FTP protocol. Users can send a print file using the FTP download tools to this equipment from any operating systems. This equipment can print following files using the FTP printing:

- PCL format print job file
- · PostScript Level 3 print job file
- Text data file

Connecting over TCP/IP Network



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li> <li> <ul> <li>"3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li>"Setting the TCP/IP Protocol"</li> </ul> </li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li>"Setting up from Printer Utility"</li> <li> <ul> <li>"Setting up Network Settings"</li> <li> <ul> <li>"Setting up the TCP/IP"</li> </ul> </li> </ul> </li> </ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></li></ul>
Set up the FTP Server setting	<ul> <li>Enable the FTP Server option using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>

Setup Flow	Description/Reference
Set up the Printing Service	<ul> <li>Enable the FTP Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>

#### **Setup Flow for E-mail Printing**

E-mail printing allows users to print a file by sending the file as an E-mail message to this equipment.



The E-mail printing feature is available only when the Scanner Kit is installed, or when the Printer/Scanner Kit is installed.

This equipment allows you to print a file sent to it via E-mail. This equipment will receive the message from the POP3 account in the E-mail server and print the file. This equipment can print the TIFF files only.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>✓ "3. SETTING NETWORK FUNCTIONS"</li> <li>□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>✓ "Setting up from Printer Utility"</li> <li>✓ "Setting up Network Settings"</li> <li>□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the E-mail Server	<ul> <li>Configure the POP3 account for this equipment in the incoming mail server and DNS Server to enable to receive E-mail print file from the Internet.</li> <li>Reference: Network Administration Guide</li> <li>Chapter 1 "SETTING UP NETWORK SERVER"</li> <li></li></ul>

Setup Flow	Description/Reference
Set up the E-mail Set- ting	<ul> <li>Specifying the POP3 Network Servers settings using Printer Utility.</li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul></li></ul>
Set up the Printing Service	<ul> <li>Enable the E-mail Printing Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>

# 7. SETUP FLOW FOR SCANNING FEATURES

#### Setup Flow for Scan to File

The Scan to File feature allows users to save scanned images — scanned by a copy operation, scan operation, or fax operation — to the local hard disk or the network shared folder.

# Note

The Scan to File feature is available only when the Scanner Kit is installed, or when the Printer/Scanner Kit is installed.

You can enable or disable the Scan to File into the network folders. When enabled, you can specify which network folders to save the scanned file, or you can allow users to specify the network folders for each Scan to File operation. Users can specify the network folders that can be accessed either SMB, NetWare IPX/SPX, NetWare TCP/IP, or FTP regardless of the OS.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li> <sup>(1)</sup> "2. CONNECTING TO THE NETWORK"</li> </ul>
Set up the TCP/IP	Assign the IP address, Subnet mask, Gateway address. Also, configure the WINS settings if your Windows network is managed with the WINS server. <b>Reference: USER FUNCTIONS GUIDE</b> • Chapter 4 "SETTING ITEMS (ADMIN)" ↓ "3. SETTING NETWORK FUNCTIONS"
Set up the FTP Net- work Service	<ul> <li>Enable the FTP Client using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>

Setup Flow	Description/Reference
Set up the Destination	<ul> <li>An administrator should configure the network folder will be enabled or disabled for Scan to File destination using Printer Utility.</li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul></li></ul>
Set up the Remote 1 and Remote 2	If the network folder is enabled for the Scan to File destination, an administra- tor should specify the network folders to save the scanned file, or allows users to specify the network folder using Printer Utility. <b>Reference: Printer Utility Guide</b> • Chapter 7 "Printer Utility ADMINISTRATOR MODE" ↓ "Setting up from Printer Utility" ↓ "Setting up Save as file Settings" … "Setting up the Remote 1 and Remote 2"

#### Setup Flow for Scan to E-mail

The Scan to E-mail feature allows users to send scanned images over the Internet to client computers.

#### Note

The Scan to E-mail feature is available only when the Scanner Kit is installed, or when the Printer/Scanner Kit is installed.

When configuring the Scan to E-mail environment, this equipment sends an E-mail to the SMTP server and transfers the document to the Internet. A DNS server is required for the SMTP server to transmit the Scan to E-mail document into the Internet. This function can be used to send scanned images to the computers. Do not use this function to send scanned images to other MFPs.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	Assign the IP address, Subnet mask, Gateway address. Also, configure the WINS settings if your Windows network is managed with the WINS server. <b>Reference: USER FUNCTIONS GUIDE</b> • Chapter 4 "SETTING ITEMS (ADMIN)" ↓ "3. SETTING NETWORK FUNCTIONS"

Setup Flow	Description/Reference
Set up the E-mail Set- ting	<ul> <li>An administrator should specify the "from Address", "from name", and body text that applies to the E-mail.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <li> "7. SETTING E-MAIL FUNCTIONS"</li> </li></ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE" <ul> <li> <ul> <li> "Setting up from Printer Utility"</li> <li> <ul> <li> <li> "Setting up Email Settings"</li> <li> <ul> <li> <li> "Setting up the Email Settings"</li> </li></ul> </li> </li></ul></li></ul></li></ul></li></ul></li></ul>
Set up the E-mail Server	<ul> <li>An administrator should configure the DNS Server and SMTP Server in your network.</li> <li>Reference: Network Administration Guide</li> <li>Chapter 1 "SETTING UP NETWORK SERVER"</li> <li></li></ul>
Set up the SMTP Net- work Service	<ul> <li>Specifying the SMTP Client using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li></li></ul></li></ul>

#### Setup Flow for Remote Scan

This equipment provides the Remote Scan driver that allows users to operate scanning remotely from the Windows computer and import the scanned images into a TWAIN-compliant application.

#### Note

The Remote Scan feature is available only when the Scanner Kit is installed, or when the Printer/Scanner Kit is installed.

The Remote Scan driver can connect to this equipment over TCP/IP network.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li> <li> <ul> <li>3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li> <li> <li>"Setting the TCP/IP Protocol"</li> </li></li></ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li> <li> <ul> <li>Setting up from Printer Utility"</li> <li> <ul> <li> <ul> <li>Setting up Network Settings"</li> <li> <ul> <li> <li>Setting up the TCP/IP"</li> </li></ul> </li> </ul> </li> </ul></li></ul></li></li></ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></li></ul>
Install the Client Soft- ware	<ul> <li>Install the Remote Scan driver from the Client Utilities CD-ROM.</li> <li>Reference: Scanning Guide</li> <li>Chapter 8 "REMOTE SCAN"</li> <li>Installing Remote Scan Driver"</li> </ul>
## 8. SETUP FLOW FOR FAX FEATURES

#### Setup Flow for Network-Fax

The Network-Fax enable users to output a document to a facsimile or Internet Fax device instead of printing a document using a printer.

Users can send a document in a computer to a facsimile or Internet Fax device using a N/W-Fax driver via the equipment.



- The fax transmission using a N/W-Fax driver is available only when the Printer Kit and optional Fax unit are installed, or when the Printer/Scanner Kit and optional Fax unit are installed.
- The internet fax transmission using a N/W-Fax driver is available only when the Printer Kit and Scanner Kit are installed, or when the Printer/Scanner Kit is installed.

Using the N/W-Fax driver, users can send a document to this equipment as a print job. The receiving fax numbers (or E-mail addresses) are specified by the user and the equipment then sends the job through the Public Switched Telephone Network or the Internet.

To send a fax through the Public Switched Telephone Network, users must configure the equipment accordingly.

When sending an internet fax, the equipment sends the document to the SMTP server and transfers it to the Internet. (A DNS server is required for the SMTP server to transmit the document into the Internet.)

Connecting to Internet



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>

Setup Flow	Description/Reference
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address. Also, configure the WINS settings if your Windows network is managed with the WINS server.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li> <li> <ul> <li>"3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li> <li>"Setting the TCP/IP Protocol"</li> </li></ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li> <li>"Setting up from Printer Utility"</li> <li> <ul> <li> <li>"Setting up Network Settings"</li> <li> <ul> <li> <li>"Setting up the TCP/IP"</li> </li></ul> </li> </li></ul> </li> </li></ul> </li> </ul></li></ul></li></li></ul></li></ul></li></ul></li></ul>
Setting the Terminal ID	If the optional Fax unit is installed, specify the terminal ID to identify the fax ter- minal information. <b>Reference: USER FUNCTIONS GUIDE</b> • Chapter 4 "SETTING ITEMS (ADMIN)" ↓ "5. SETTING FAX FUNCTIONS"
Set up the Save as file Setting	<ul> <li>An administrator should specify the Save as file destination and network folder to enable the Save as file features on the N/W-Fax driver.</li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul></li></ul>
Install the Client Soft- ware	Install the N/W-Fax driver from the Client Utilities CD-ROM. <b>Reference: Network Fax Guide</b> • Chapter 2 "INSTALLING CLIENT SOFTWARE"

Note

If you want to send an internet fax using the N/W-Fax driver, you must configure the equipment to enable the Internet Fax transmission.

P.73 "Setup Flow for Internet Fax"

#### Setup Flow for Internet Fax

The Internet Fax feature allows users to send originals, same as the fax features. However, the Internet Fax is sent through the Internet, although the fax is sent through the public switched telephone line. In order to send the Internet Fax, the remote device also must support the Internet Fax feature.

#### Note

The internet fax transmission is available only when the Scanner Kit is installed, or when the Printer/Scanner Kit is installed.

This equipment sends the internet faxes via a SMTP server and receives them from a POP3 server. To configure the Internet Fax environment, configure the SMTP server to send and the POP3 server to receive. Remember that a DNS server is required for the SMTP and POP3 servers to transmit the document over the Internet. To enable receiving an internet fax, configure the POP3 account for this equipment in the POP3 server. This equipment can access the POP3 server to check if an internet fax message has been received — same as the E-mail client software.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>

Setup Flow	Description/Reference
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address. Also, configure the WINS settings if your Windows network is managed with the WINS server.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li># "3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li># "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li># "Setting up from Printer Utility"</li> <li> <ul> <li># "Setting up Network Settings"</li> <li> <ul> <li># "Setting up the TCP/IP"</li> </ul> </li> </ul> </li> </ul></li></ul></li></ul></li></ul></li></ul>
Set up the Internet Fax Setting	<ul> <li>An administrator should specify the "from Address", "from name", and body text that applies to the Internet Fax.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <li> "8. SETTING INTERNET FAX FUNCTIONS"</li> </li></ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE" <ul> <li> <ul> <li> "Setting up from Printer Utility"</li> <li> <ul> <li> <li> "Setting up Internet Fax Settings"</li> <li> </li></li></ul> </li> </ul> </li> </ul></li></ul></li></ul>
Set up the E-mail Server	<ul> <li>An administrator should configure the DNS Server, POP3 Server, and SMTP Server in your network.</li> <li>Reference: Network Administration Guide</li> <li>Chapter 1 "SETTING UP NETWORK SERVER"</li> <li></li></ul>
Set up the SMTP Net- work Service	<ul> <li>Specifying the SMTP Client using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul>
Set up the POP3 Net- work Service	<ul> <li>Specifying the POP3 Network Service using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>↓ "Setting up from Printer Utility"</li> <li>↓ "Setting up Network Settings"</li> <li>□ "Setting up the POP3 Network Service"</li> </ul>

#### Setup Flow for Onramp Gateway

This equipment can convert received faxes into E-mails and forward them to other Internet Fax devices or client computers using Onramp Gateway transmission.

#### Note

The Onramp Gateway feature is available only when the Scanner Kit and optional Fax unit are installed, or when the Printer/Scanner Kit and optional Fax unit are installed.

This equipment can create the ITU-T relay mailbox in which E-mail addresses are registered as end stations to achieve the Onramp Gateway transmission. Any ITU-T compatible facsimile can send a fax to the ITU-T relay mailbox. This equipment then forwards received faxes to the E-mail addresses registered in the ITU-T relay mailbox.

To use this equipment as a Hub Station for the Onramp Gateway transmission, the Relay Box in which Email addresses are registered must be set up. This equipment, as the distributor, can send an E-mail of any faxes received from any ITU-T compatible facsimile device.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>

Setup Flow	Description/Reference
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address. Also, configure the WINS settings if your Windows network is managed with the WINS server.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li># "3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li># "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li># "Setting up from Printer Utility"</li> <li> <ul> <li># "Setting up Network Settings"</li> <li> <ul> <li># "Setting up the TCP/IP"</li> </ul> </li> </ul> </li> </ul></li></ul></li></ul></li></ul></li></ul>
Set up the Internet Fax Setting	An administrator should specify the "from Address", "from name", and body text that applies to the internet fax. <b>Reference: USER FUNCTIONS GUIDE</b> • Chapter 4 "SETTING ITEMS (ADMIN)"
Set up the E-mail Server	<ul> <li>An administrator should configure the DNS Server and SMTP Server in your network.</li> <li>Reference: Network Administration Guide</li> <li>Chapter 1 "SETTING UP NETWORK SERVER"</li> <li></li></ul>
Set up the SMTP Net- work Service	<ul> <li>Specifying the SMTP Client using Printer Utility.</li> <li>Reference: Printer Utility Guide</li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li></li></ul></li></ul>
Registering the Relay Box	<ul> <li>Register the Relay Box that E-mail addresses are entered as the destinations.</li> <li>Reference: OPERATOR'S MANUAL FOR FACSIMILE FUNCTION</li> <li>Chapter 5 "ADVANCED FUNCTIONS"</li> <li></li></ul>

#### Setup Flow for Offramp Gateway

This equipment can be used as a Hub Station to forward E-mails — from your client computer or Internet Fax device — to any facsimile on the public switched telephone network.

For example, the document can be sent to this equipment from out of the country through the Internet, then the document can be sent from this equipment to the designated fax number through the local public telephone line.

#### Note

The Offramp Gateway feature is available only when the Scanner Kit and optional Fax unit are installed, or when the Printer/Scanner Kit and optional Fax unit are installed.

When enabling the Offramp Gateway, this equipment works as an SMTP server to receive E-mails from the Internet. To enable the SMTP transmission in this equipment, the hostname (or specific domain) that relates to this equipment must be designated using the DNS server. Then designate the MX record and configure the SMTP server to route the E-mails received. If the hostname of this equipment is designated as "host1.ifax.com", it is set to transfer the E-mails to this machine when an E-mail to "<a columnative account name>@host1.ifax.com" is delivered.



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>

Setup Flow	Description/Reference
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address. Also, configure the WINS settings if your Windows network is managed with the WINS server.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li># "3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li># "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li># "Setting up from Printer Utility"</li> <li> <ul> <li># "Setting up Network Settings"</li> <li> <ul> <li># "Setting up the TCP/IP"</li> </ul> </li> </ul> </li> </ul></li></ul></li></ul></li></ul></li></ul>
Set up the Internet Fax Setting	<ul> <li>An administrator should specify the "from Address", "from name", and body text that applies to the internet fax.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <li> "8. SETTING INTERNET FAX FUNCTIONS"</li> </li></ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE" <ul> <li> <ul> <li> "Setting up from Printer Utility"</li> <li> <ul> <li> <li> "Setting up Internet Fax Settings"</li> <li> </li></li></ul> </li> </ul> </li> </ul></li></ul></li></ul>
Set up the DNS Server	<ul> <li>An administrator should configure the DNS Server and SMTP Server in your network.</li> <li>Reference: Network Administration Guide</li> <li>Chapter 1 "SETTING UP NETWORK SERVER"</li> <li></li></ul>
Set up the DNS	<ul> <li>Configure the DNS settings using Printer Utility to enable receiving internet faxes from the Internet. Also, if the DNS server supports the Dynamic DNS, enable the DDNS as well.</li> <li><b>Reference: Printer Utility Guide</b> <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul></li></ul>

Setup Flow	Description/Reference
Set up the SMTP Net- work Service	<ul> <li>Specifying the SMTP Server using Printer Utility for this equipment works as a SMTP server.</li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li></li></ul></li></ul>

### 9. SETUP FLOW FOR E-FILING FEATURE

#### Setup Flow for e-Filing Web Utility

Users can manage the boxes, folders, and documents in e-Filing from computers using the web browser.

To enable the e-Filing features, an administrator should set up the network connection between computers and this equipment over TCP/IP, and enable the HTTP network service. Using the e-Filing web utility, users can create, edit, delete boxes and folders in e-Filing, and also create, edit, and delete documents stored in e-Filing using the editing functions.

Connecting over TCP/IP Network



Setup Flow	Description/Reference
Connect this equip- ment	Connect the machine to your network with a network cable. <b>Reference: QUICK START GUIDE</b> • Chapter 4 "CONNECTING TO THE DEVICE" © "2. CONNECTING TO THE NETWORK"
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>♥ "3. SETTING NETWORK FUNCTIONS"</li> <li>□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>♥ "Setting up from Printer Utility"</li> <li>♥ "Setting up Network Settings"</li> <li>□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the HTTP Net- work Service	<ul> <li>Enable the HTTP Network Server.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li> <ul> <li> <ul> <li> <li> <ul> <li>"3. SETTING NETWORK FUNCTIONS"</li> <li> <ul> <li> <li>"Setting the HTTP Network Service"</li> </li></ul> </li> <li>Reference: Printer Utility Guide </li> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li> <ul> <li> <ul> <li>"Setting up from Printer Utility"</li> <li> <ul> <li>"Setting up Network Settings"</li> <li> <ul> <li>"Setting up the HTTP Network Service"</li> </ul> </li> </ul> </li> </ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></li></ul>

#### Setup Flow for e-Filing Client Software

This equipment supports importing the scan images that are saved in the e-Filing of this equipment into a client computer using the TWAIN driver and File Downloader.

The TWAIN driver and File Downloader can retrieve documents that are stored in the e-Filing by the Store to e-Filing functions. The TWAIN driver can be selected for TWAIN compliant applications such as Adobe Photoshop and for retrieving document from e-Filing into the application. The File Downloader can work as an application to retrieve e-Filing documents to local hard disk.

The TWAIN driver and File Downloader can connect to this equipment over TCP/IP network.

Connecting over TCP/IP Network



Setup Flow	Description/Reference
Connect this equip- ment	<ul> <li>Connect the machine to your network with a network cable.</li> <li>Reference: QUICK START GUIDE</li> <li>Chapter 4 "CONNECTING TO THE DEVICE"</li> <li></li></ul>
Set up the TCP/IP	<ul> <li>Assign the IP address, Subnet mask, Gateway address.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>♥ "3. SETTING NETWORK FUNCTIONS"</li> <li>□□ "Setting the TCP/IP Protocol"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>♥ "Setting up from Printer Utility"</li> <li>♥ "Setting up Network Settings"</li> <li>□□ "Setting up the TCP/IP"</li> </ul> </li> </ul>
Set up the HTTP Net- work Service	<ul> <li>Enable the HTTP Network Server.</li> <li>Reference: USER FUNCTIONS GUIDE <ul> <li>Chapter 4 "SETTING ITEMS (ADMIN)"</li> <li>♥ "3. SETTING NETWORK FUNCTIONS"</li> <li>□□ "Setting the HTTP Network Service"</li> </ul> </li> <li>Reference: Printer Utility Guide <ul> <li>Chapter 7 "Printer Utility ADMINISTRATOR MODE"</li> <li>♥ "Setting up from Printer Utility"</li> <li>♥ "Setting up Network Settings"</li> <li>□□ "Setting up the HTTP Network Service"</li> </ul> </li> </ul>

Setup Flow	Description/Reference
Install the Client Soft- ware	<ul> <li>Install the e-Filing client software from the Client Utilities CD-ROM.</li> <li>Reference: e-Filing Guide</li> <li>Chapter 4 "USING CLIENT SOFTWARE"</li> <li></li></ul>

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