

MULTIFUNCTIONAL DIGITAL COLOR SYSTEMS / MULTIFUNCTIONAL DIGITAL SYSTEMS

Software Installation Guide

ES9160 MFP/ES9170 MFP ES9460 MFP/ES9470 MFP CX3535 MFP/CX4545 MFP

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Preface

Thank you for purchasing OKI Multifunctional Digital Systems or Multifunctional Digital Color Systems. This manual explains the instructions for installing client software. Read this manual before using your Multifunctional Digital Systems or Multifunctional Digital Color Systems. Keep this manual within easy reach, and use it to configure an environment that makes best use of the OKI MFP's functions.

How to read this manual

Symbols in this manual

In this manual, some important items are described with the symbols shown below. Be sure to read these items before using this equipment.



Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding objects.



Note

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage to the equipment or surrounding objects, or loss of data.

Indicates information to which you should pay attention when operating the equipment.

Other than the above, this manual also describes information that may be useful for the operation of this equipment with the following signage:

Tip Describes handy information that is useful to know when operating the equipment.

Pages describing items related to what you are currently doing. See these pages as required.

Screens and Operation Procedures

• In this manual, the screens and the operation procedures in Windows are described for Windows 7 unless otherwise stated.

The details on the screens may differ depending on how the equipment is used, such as the status of the installed options, the OS version and the applications.

- If you use Windows Server 2008 R2, refer to the operation procedure for Windows 7, though the screens or the menu names, etc. may differ.
- The illustration screens used in this manual are for paper in the A/B format. If you use paper in the LT format, the display or the order of buttons in the illustrations may differ from that of your equipment.

□ Trademarks

- The official name of Windows XP is Microsoft Windows XP Operating System.
- The official name of Windows Vista is Microsoft Windows Vista Operating System.
- The official name of Windows 7 is Microsoft Windows 7 Operating System.
- The official name of Windows Server 2003 is Microsoft Windows Server 2003 Operating System.
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Preface1

Chapter 1 OVERVIEW

About the Client CD-ROM For Windows For Macintosh For UNIX/Linux.	
Contents of Installer	11
Precautions for Using Firewall Software	12
Downloading Software From TopAccess Downloading installer for Windows Downloading Macintosh PPD files Downloading UNIX/Linux filters	
Setting Up NetWare Print Server Setting up the NetWare print server in NDS mode Setting up the NetWare print server in NDPS mode Setting up the Novell iPrint	18 19

Chapter 2 RECOMMENDED INSTALLATION

Procedure for Recommended Installation	
Precautions for Changing the SNMP Settings	31
When SNMP V1 and V2 are configured for your OKI MFP	31
When SNMP V3 is configured for your OKI MFP	32

Chapter 3 INSTALLING PRINTER DRIVERS FOR WINDOWS

Before Installation	
Type of printer drivers	
System requirements	
About installation procedure	
Installing the Printer Drivers	36
Installing the printer drivers by using Software Installer	
Installing the printer drivers by using the individual installers	55
Installing the printer drivers from TopAccess	73
Other Installations	
Raw TCP/LPR printing ("Add Printer" installation from file)	
USB printing	
IPP printing	
Novell iPrint	
Web Service Print	102
Copying the PPD File for Windows	108
Uninstalling Printer Drivers	109
Windows 7	109
Windows Vista / Windows Server 2008	111
Windows XP / Windows Server 2003	114

Chapter 4 INSTALLING PRINTER DRIVERS FOR MACINTOSH

About the Installation	116
About client software for Macintosh	116
Planning for installation	116
Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.7.x	117
Installing the Macintosh PPD file	117
Installing plug-ins (Mac OS X 10.4 or later)	121
Configuring the printer on Mac OS X 10.6.x to 10.7.x	124
Configuring the printer on Mac OS X 10.5.x	131
Configuring the printer on Mac OS X 10.4.x	138
Configuring the printer on Mac OS X 10.2.4 to 10.3.x	146
Uninstalling the Macintosh PPD File	155

Chapter 5 INSTALLING PRINTER DRIVERS FOR UNIX/Linux

Setting Up the UNIX/Linux Filters	158
About UNIX/Linux filters	158
System requirements	159
Precautions for using user authentication	159
Configuring UNIX/Linux printing using UNIX/Linux filters	159
Setting Up the CUPS	168
About CUPS	168
Configuring UNIX/Linux printing using CUPS	168

Chapter 6 INSTALLING SCAN DRIVER AND UTILITIES

Before Installation	188
Type of scan driver and utilities	188
System requirements	188
Installing Scan Driver and Utilities	189
Installing the scan driver and utilities using the installer	189
Installing WIA driver to Windows Vista / Windows 7 / Windows Server 2008	191
Uninstalling Scan Driver and Utilities	193

Chapter 7 INSTALLING NETWORK FAX UTILITIES

Before Installation	196
Type of network fax utilities	. 196
System requirements	. 196
Installing Network Fax Utilities	. 197
Installing Web Service Print	. 199
Installing Web Service Print Uninstalling the Network Fax Software	
5	. 200
Uninstalling the Network Fax Software	. 200

Chapter 8 INSTALLING e-Filing BACKUP/RESTORE UTILITIES

Before Installation	202
System requirements	202

Installing e-Filing Backup/Restore Utilit	ies
Uninstalling e-Filing Backup/Restore Ut	ilities

Chapter 9 INSTALLATION MAINTENANCE

Uninstalling Client Software	
Windows Vista / Windows 7 / Windows Server 2008	
Windows XP / Windows Server 2003	
Repairing Client Software	211
INDEX	213

OVERVIEW

This chapter provides an overview of the software installation.

About the Client CD-ROM	8
For Windows	
For Macintosh	9
For UNIX/Linux	10
Contents of Installer	
Precautions for Using Firewall Software	12
Downloading Software From TopAccess	
Downloading installer for Windows	
Downloading Macintosh PPD files	
Downloading UNIX/Linux filters	17
Setting Up NetWare Print Server	
Setting up the NetWare print server in NDS mode	
Setting up the NetWare print server in NDPS mode	
Setting up the Novell iPrint	22

1

About the Client CD-ROM

For Windows

The contents of the Client Utilities CD-ROM:

Client software installer

[Client Utilities CD-ROM]:\Setup.Setup.exe This is the setup program to install the printer drivers on your computer.

PCL Printer driver installer

[Client Utilities CD-ROM]:\Client\Drivers\PCL6\Setup.exe This is the setup program to install the printer drivers on your computer.

PCL Printer drivers

• [Client Utilities CD-ROM]:\Client\Drivers\PCL6\32bit\

This includes the setup files to install the PCL Printer driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 32-bit edition for each language version by Add Printer Wizard or Plug and Play.

 [Client Utilities CD-ROM]:\Client\Drivers\PCL6\64bit\ This includes the setup files to install the PCL Printer driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 64-bit edition for each language version by Add Printer Wizard or Plug and Play.

PS printer drivers (PostScript)

- [Client Utilities CD-ROM]:\Client\Drivers\PS\32bit\ This includes the setup files to install the PS printer driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 32-bit edition for each language version by Add Printer Wizard or Plug and Play.
- [Client Utilities CD-ROM]:\Client\Drivers\PS\64bit\ This includes the setup files to install the PS printer driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 64-bit edition for each language version by Add Printer Wizard or Plug and Play.

XPS printer drivers

- [Client Utilities CD-ROM]:\Client\Drivers\XPS\32bit\ This includes the setup files to install the XPS printer driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 32-bit edition for each language version by Add Printer Wizard or Plug and Play.
- [Client Utilities CD-ROM]:\Client\Drivers\XPS\64bit\ This includes the setup files to install the XPS printer driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 64-bit edition for each language version by Add Printer Wizard or Plug and Play.

Tip

The XPS printer driver can be installed on Windows Vista / Windows 7 computers, or those of Windows XP SP2, Windows Server 2003 SP1 or later versions with XPS Essentials Pack installed.

Windows PPD file

- [Client Utilities CD-ROM]:\Client\Drivers\WinPPD\2-sided_default\ This includes a printer description file for popular Windows applications. This PPD file enables to set 2-sided printing by default.
- [Client Utilities CD-ROM]:\Client\Drivers\WinPPD\normal\ This includes a printer description file for popular Windows applications. This PPD file enables to set 1-sided printing by default.

Tips

- · When this equipment is used in Europe, use the PPD file enabling 2-sided printing by default.
- Choose either "OKI6D_e.PPD" or "OKI6D_g.PPD" depending on the model to be used. ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP: Use the "OKI6D_e.PPD" file. ES9160 MFP/ES9170 MFP: Use the "OKI6D_g.PPD" file.

Fax drivers

- [Client Utilities CD-ROM]:\Client\FAX\32bit\ This includes the setup files to install the Fax driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 32-bit edition for each language version by Add Printer Wizard or Plug and Play.
- [Client Utilities CD-ROM]:\Client\FAX\64bit\ This includes the setup files to install the Fax driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 64-bit edition for each language version by Add Printer Wizard or Plug and Play.

AddressBook Viewer

- [Client Utilities CD-ROM]:\Client\ADRBK\32bit\ This includes the setup files to install the AddressBook Viewer on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 32-bit edition.
- [Client Utilities CD-ROM]:\Client\ADRBK\64bit\ This includes the setup files to install the AddressBook Viewer on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008 64-bit edition.

Remote Scan drivers

[Client Utilities CD-ROM]:\Client\RS\ This includes the setup files to install the Remote Scan driver.

TWAIN drivers

[Client Utilities CD-ROM]:\Client\TWAIN\ This includes the setup files to install the TWAIN driver.

File Downloader

[Client Utilities CD-ROM]:\Client\FD\ This includes the setup files to install the File Downloader.

WIA drivers

[Client Utilities CD-ROM]:\Client\WIA This includes the setup files to install the WIA driver on the Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008.

For Macintosh

The contents of the Client Utilities CD-ROM:

Macintosh PPD files

For the Mac OS X 10.2.4 to Mac OS X 10.3.x

- [Client Utilities CD-ROM]:MacPPD/OSX/10_2-10_3/2-sided_default This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.2.4 to Mac OS X 10.3.x. This PPD file enables to set 2-sided printing by default.
- [Client Utilities CD-ROM]:MacPPD/OSX/10_2-10_3/normal This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.2.4 to Mac OS X 10.3.x. This PPD file enables to set 1-sided printing by default.

For the Mac OS X 10.4 or later

• [Client Utilities CD-ROM]:MacPPD/OSX/10_4-

This includes includes plug-ins used for Macintosh on the Mac OS X 10.4 or later.

- [Client Utilities CD-ROM]:MacPPD/OSX/10_4-/2-sided_default This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.4 or later. This PPD file enables to set 2-sided printing by default.
- [Client Utilities CD-ROM]:MacPPD/OSX/10_4-/normal This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.4 or later. This PPD file enables to set 1-sided printing by default.

Tip

When this equipment is used in Europe, install the PPD file enabling 2-sided printing by default.

For UNIX/Linux

The contents of the Client Utilities CD-ROM:

Solaris filter

The tar file for Solaris v2.6/2.7/7.8/8/9/10 is included in the following folder: Choose the appropriate file depending on the model to be used.

- ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP [Client Utilities CD-ROM]/Admin/SolarisFilter/Usa/
- ES9160 MFP/ES9170 MFP [Client Utilities CD-ROM]/Admin/SolarisFilter/Usa/

HP-UX filter

The tar file for HP-UX ver.10.20/11.x and HP-UX64 ver.11.31 is included in the following folder: Choose the appropriate file depending on the model to be used.

- ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP [Client Utilities CD-ROM]/Admin/HP-UXFilter/Usa/
- ES9160 MFP/ES9170 MFP [Client Utilities CD-ROM]/Admin/HP-UXFilter/Usa/

AIX filter

The tar file for AIX 4.3.3 is included in the following folder: Choose the appropriate file depending on the model to be used.

- ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP [Client Utilities CD-ROM]/Admin/AIXFilter/Usa/
- ES9160 MFP/ES9170 MFP [Client Utilities CD-ROM]/Admin/AIXFilter/Usa/

Linux filter

The tar file for Red Hat 7.x/8.x/9.x, Red Hat Enterprise WS2, SuSE Linux 7.x/8.x/9.x, Mandrake Linux 7.x/8.x/9.x and Turbolinux 8/10 is included in the following folder:

- Choose the appropriate file depending on the model to be used.
- ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP [Client Utilities CD-ROM]/Admin/LinuxFilter/Usa/
- ES9160 MFP/ES9170 MFP [Client Utilities CD-ROM]/Admin/LinuxFilter/Usa/

SCO UNIX filter

The tar file for SCO UnixWare 7 and SCO Open UNIX 8 is included in the following folder: Choose the appropriate file depending on the model to be used.

- ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP [Client Utilities CD-ROM]/Admin/OpenUnixFilter/Usa/
- ES9160 MFP/ES9170 MFP [Client Utilities CD-ROM]/Admin/OpenUnixFilter/Usa/

CUPS PPD file

The PPD file to enable printing from CUPS is included in the following folder: Choose the appropriate file depending on the model to be used.

- ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP
 - [Client Utilities CD-ROM]/Admin/CUPS/Usa/2-sided_default/ This PPD file enables to set 2-sided printing by default.
 - [Client Utilities CD-ROM]/Admin/CUPS/Usa/normal/
 - This PPD file enables to set 1-sided printing by default.
- ES9160 MFP/ES9170 MFP
 - [Client Utilities CD-ROM]/Admin/CUPS/Usa/2-sided_default/ This PPD file enables to set 2-sided printing by default.
 - [Client Utilities CD-ROM]/Admin/CUPS/Usa/normal/ This PPD file enables to set 1-sided printing by default.

Tip

When this equipment is used in Europe, install the PPD file enabling 2-sided printing by default.

Contents of Installer

The following software can be installed by the Installer in the Client Utilities CD-ROM.

Printer drivers (Printing function)

Printer drivers are software components that enable application programs to interact with the OKI MFP. The OKI MFP comes with three printer drivers, PCL Printer (PCL6), PS (PostScript) and XPS printer drivers. These printer drivers offer document print, layout and assembly functions that are not available with many applications.

Tip

The XPS printer driver can be installed on Windows Vista / Windows 7 computers, or those of Windows XP SP2, Windows Server 2003 SP1 or later versions with XPS Essentials Pack installed.

TWAIN driver (Scanning function)

This software component enables you to import e-Filing documents into TWAIN-compliant applications.

File Downloader

This software component enables you to import e-Filing documents into your hard disk.

Remote Scan driver (Scanning function)

This software allows you to perform scanning the originals set in the equipment remotely from a client computer and acquire the image into the TWAIN-compliant application.

WIA driver (Scanning function)

This software allows you to perform scanning the originals set in the equipment remotely from a client computer and acquire the image into the WIA-compliant application.

Fax driver (Printing function)

The Fax driver enables you to set up send lists and send electronic documents from your client computer to one or more destinations. You print to the fax much the same way you would choose to print to a designated printer that makes using the Fax driver quick and simple. You can select the fax properties.

AddressBook Viewer

With the AddressBook Viewer you can easily 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 display fax recipients from the address book, as well as recipient fax numbers and other contact information.

Precautions for Using Firewall Software

When firewall software is used on Windows computers, installation may not be performed since network communication between this equipment and the computers is blocked by firewall software. Check if firewall software is used before installation, and follow the directions of your network administrator if it is used.

Client software required for network communications and the execution files are given as follows. Use this information for the exception setting of the firewall software.

Individual installer: setup.exe Software Installer: Setup.exe Printer driver, FAX driver: printui.exe File Downloader: OKFileDL.exe AddressBook Viewer: ABVExe.exe (for 32-bit edition), ABVExe6.exe (for 64-bit edition) Backup/Restore Utility: OKeFBKRT.exe

Notes

- For a TWAIN driver, Remote Scan driver and WIA driver, the execution files of the corresponding application software need to be set as exceptions.
- When Individual installer or Software Installer is set as an exception, release the exception setting after installation.

Downloading Software From TopAccess

If the system administrator has uploaded the software to the OKI MFP, you can download the software from TopAccess to install them on your computer.

The following software can be downloaded from TopAccess.

- Installer for Windows
 P.13 "Downloading installer for Windows"
- Macintosh PPD files
 P.15 "Downloading Macintosh PPD files"
- UNIX/Linux filters
 P.17 "Downloading UNIX/Linux filters"

Notes

- When using Windows Server 2003 that the Service Pack is installed, the installation from TopAccess cannot be performed. In that case, install the software in the other method.
- For instructions on how to start up the TopAccess or upload software to the equipment, refer to the **TopAccess Guide**.

Downloading installer for Windows

1 In TopAccess, click the [Install Software] link at the bottom of the screen.

Device	Job Status	Logs	Regis	tration	0	ounter			
		3-							
Device								-	
Jevice								REFRESH	
			Device Inform	mation					
			Status			Ready			
			Name			199710700855	90		
			Location						
			Copier Model			22088889-6-S	二世康治(1993)		
			Serial Number			CLE000047			
			MAC Address			00:80:91:6C	29:7E		
			Main Memory 3			2048 MB			
			Page Memory			1024 MB			
			Save as File 8		e Available	25973 MB			
			Fax Space Av			978 MB			
Options			Contact Inform Phone Number			0			
Finisher	None		Message			0			
Hole Punch Unit	None								
Fax	None		Alerts			•			
Toner			Paper						
Yellow(Y)	100%	-	Drawer	Size	Тур	ie	Capacity	Status	
Magenta(M)	100%	-	Drawer 1	A4	Plai	n	540	Near Empty	
Cyan(C)	75%	-	Drawer 2	A3	Plai	n	540	Near Empty	
Black(K)	75%	7	Drawer 3	A4	Plai	n	540	Near Empty	
			Drawer 4	B4	Plai	n	540	Near Empty	

The Install Client Software page opens.

1

2 Click the [Install Client1] link to download the installer file.

pAccess	
Install Client Software	
Drivers Unix Filters Macintosh PPD Files	
Please click on the link(s) below. The Driver installation wi	ll be started automatically.
File Name	Size
To see the set of the	1134(KB)
Dominine a STARIORANA TO	1134(KB)
The second se	1134(KB)
Please click on the link(s) below to download the Windows	s Installer Files.
File Name	Size
Install Client1	34134(KB)
~	

Tip

Links for installing the printer drivers are also provided on this page. For instructions on how to install them from TopAccess, see the following page:

2 Download the installer file on your desktop by following the prompts.

Double-click the downloaded file to extract the installer files.

After extracting the downloaded file, folders that include WebInstaller.exe are created. In order to install software using these files, you must run the WebInstaller.exe with an administrator privilege. If you use Windows Vista / Windows 7 / Windows Server 2008 and do not have the administrator privilege, right click [WebInstaller.exe], select [Run as administrator] and enter the Administrator password.

The names of folders that include WebInstaller.exe are as follows:

- ABV32 contains the installer for AddressBook Viewer for Windows 32-bit edition OSs.
- ABV64 contains the installer for AddressBook Viewer for Windows 64-bit edition OSs.
- FD contains the installer for File Downloader.
- RS contains the installer for Remote Scan driver.
- XPS contains the installer for XPS printer driver.
- FAX contains the installer for Fax driver.
- PCL6 contains the installer for PCL Printer driver.
- PS contains the installer for PS (PostScript) printer driver.
- TWAIN contains the installer for TWAIN driver.
- WIA contains the installer for WIA driver.

Downloading Macintosh PPD files

1 In TopAccess, click the [Install Software] link at the bottom of the screen.

Device	Job Status	Logs	Registra	ation	Co	ounter			
		-	-						
Device								REFRESH	
			Device Inform	ation					
			Status			Ready			
Ē	- Person		Name			I ARTITUDEER	85]		
			Location						
ī			Copier Model			C120988899-6	二百百余 (1993)		
	ī.		Serial Number			CLE000047			
			MAC Address			00:80:91:6C:	29:7E		
			Main Memory Si	ze		2048 MB			
-			Page Memory Si			1024 MB			
			Save as File & e	-Filing Space	Available	25973 MB			
			Fax Space Avai	lable		978 MB			
Options			Contact Informat	tion					
Finisher	None		Phone Number			0			
Hole Punch Unit	None	-	Message						
Fax	None	-	Alerts			•			
_			-						
Toner		_	Paper	1				1	
Yellow(Y)	100%	_	Drawer	Size	Тур		Capacity	Status	
Magenta(M)	100%	_	Drawer 1	A4	Plair		540	Near Empty	
Cyan(C)	75%	_	Drawer 2	A3	Plair		540 540	Near Empty	
Black(K)	/5%		Drawer 3	A4				Near Empty	
			Drawer 4	B4	Plair	1	540	Near Empty	

The Install Client Software page opens.

2 Click the [Macintosh PPD Files] link.

TopAccess				
Install Clien	t Software			
Drivers	Unix Filters	Macintosh PPD Files		
Please click on the li	nk(s) below to download the W	indows Installer Files. 😽		
File Name			Size	
Install Client1			51534(KB)	

The software components list is displayed.

3 Click the File Name link that you want to download.

pAccess		
Install Client Software		
Drivers Unix Filters Macintosh PPD Fi	les	
Please click on the link(s) below to downlo	ad the Marintosh PPD Files	
Thease click of the link(s) below to downo	ad the watch to shirt of thes	
File Name	Size	
File Name Mac OS-X 10.2.4 ~ 10.3.x	Size	l i
	Size 490(KB)	
Mac OS-X 10.2.4 ~ 10.3.x		
Mac OS-X 10.2.4 ~ 10.3.x ColorMFP.dma.gz		I
Mac OS-X 10.2.4 ~ 10.3.x ColorMFP.dmg.gz Mac OS-X 10.4.x ~	490(KB)	l
Mac OS-X 10.2.4 ~ 10.3.x <u>ColorMFP.dma.az</u> Mac OS-X 10.4.x ~ <u>ColorMFP_X4.dma.az</u>	490(KB) 490(KB)	I

ES9160_9170.dmg.gz, ES9460_9470.dmg.gz or CX3535_4545.dmg.gz — Click this link to download the PPD file for Mac OS X 10.2.4 to Mac OS X 10.3.x.

ES9160_9170_X4.dmg.gz, ES9460_9470_X4.dmg.gz or CX3535_4545_X4.dmg.gz — Click this link to download the PPD file for Mac OS X 10.4 or later.

* If "Color" is applied to the portion marked with "xxxxx" of the file name, the file is intended for the color MFPs. If "Mono" is applied to there, the file is intended for the black and white MFPs. Choose either "Color" or "Mono" depending on the model to be used. ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP: Use the file including "Color". ES9160 MFP/ES9170 MFP: Use the file including "Mono".

ES1460_9170_Features.dmg.gz, ES9460_9470_Features.dmg.gz or CX3535_4545_X4.Features.gz — Click this link to download plug-ins for Mac OS X 10.4 or later.

4 Download the PPD file of your Mac OS version on your desktop by following the prompts.

Downloading UNIX/Linux filters

In TopAccess, click the [Install Software] link at the bottom of the screen. 1

Device	Job Status	Logs	Registra	ation	Co	ounter			
Device								e	
Jevice								REFRESH	
			Device Informa	ation					
			Status			Ready			
Ê			Name			INTRODUCES	181)		
			Location						
			Copier Model			172088889-9-S	"无故事所接到"		
			Serial Number			CLE000047			
			MAC Address			00:80:91:6C	:29:7E		
			Main Memory Siz			2048 MB			
-			Page Memory Si:			1024 MB			
			Save as File & e		Available	25973 MB			
			Fax Space Avail			978 MB			
Options			Contact Informat	ion					
Finisher	None		Phone Number			0			
Hole Punch Unit	None		Message						
ax	None		Alerts			•			
_			-						
Toner	100%	_	Paper	Size		-	0	Status	
Yellow(Y) Magenta(M)	100%	_	Drawer Drawer 1	A4	Typ Plair		Capacity 540	Near Empty	
vagenita(ivi) Cyan(C)	75%	_	Drawer 1 Drawer 2	A4 A3	Plai		540	Near Empty	
Black(K)	75%	_	Drawer 2 Drawer 3	A4	Plai		540	Near Empty	
Jack(II)	1376		Drawer 4	B4	Plai		540	Near Empty	
			Branor	01	1 104		0.0	riour Empty	

The Install Client Software page opens.

the [Un	ix Filters] link	, 	
pAccess			
Install Clier	It Software		
Drivers	Unix Filters	Macintosh PPD Files	
Please click on the I	ink(s) below to dow ad the Windov	ws Installer Files.	Size

The software components list is displayed.



2

Click the UNIX/Linux filter link that you want to install.

Install Client	Software			
Drivers	Unix Filters	Macintosh PPD Files		
File Name	k(s) below to download the Wi		Size	
File Name				
File Name AIX Filter			Size 190(KB) 110(KB)	
File Name AIX Filter HP-Unix Filter			190(KB)	
			190(KB) 110(KB)	

Download the UNIX/Linux tar file containing the UNIX/Linux filters on your desktop by 4 following the prompts.

Setting Up NetWare Print Server

This equipment supports the following Novell printing services:

- NetWare 6.5 NDS mode (over IPX/SPX only)
- NetWare 6.5 NDPS mode
- NetWare 6.5 iPrint mode

This chapter provides an overview of how to set up this equipment as a Novell Network Printer, Print Server, or NDPS Printer Agent. For more detailed information, refer to your Novell documentation.

Setting up the NetWare print server in NDS mode

The following explains how to set up a NetWare print server with NDS so that network users can print to this equipment from their computers, and this equipment can obtain print jobs from the NetWare print server. More detail is provided in your NetWare documentation.

1 In NetWare Administrator, select the container object to create the printer and click the [Object] menu and select [Create].

The [New Object] dialog box appears.

- 2 In the [Class of new object] list, select [Print Queue] and click [OK]. The [Create Print Queue] dialog box appears.
- **3** Select [Directory Service Queue] and enter the name of the print queue in the [Print Queue name] box.
- 4 Click [browse] next to the [Print Queue Volume] box. The [Select Object] dialog box appears.
- 5 Select the volume to create a print queue and click [OK].
- Click [Create].

The print queue is created.

- 7 Click the [Object] menu and select [Create]. The [New Object] dialog box appears.
- 8 In the [Class of new object] list, select [Printer (Non NDPS)] and click [OK]. The [Create Printer] dialog box appears.
- **9** Enter the printer name, select the [Define additional properties] check box and click [Create].
- **10** Display the Assignments window and click [Add]. The [Select Object] dialog box appears.
- **11** Select a created queue and click [OK].
- **12** Display the Configuration window, select [Other/Unknown] in [Printer Type] box and click [OK].

The printer is created.

- **13** Click the [Object] menu and select [Create].
- The [New Object] dialog box appears.
- 14 In the [Class of new object] list, select [Print Server (Non NDPS)] and click [OK]. The [Create Print Server] dialog box appears.
- **15** Enter the print server name, select the [Define additional properties] check box and click [Create].

The print server name must be "MFP_[NIC Serial Number]". You can find the Unit Serial Number of the equipment on the NIC Configuration page that can be printed from the control panel.

- **16** Display the Assignments window and click [Add]. The [Select Object] dialog box appears.
- **17** Select a created printer and click [OK].
- **18** Click [OK] to close Assignments window for the print server.

The print server is created.

Setting up the NetWare print server in NDPS mode

This equipment supports printing over NetWare 6.5 networks running either the TCP/IP protocols or the IPX protocol. For pure IP printing, this equipment takes advantage of features in NDPS (Novell Distributed Print Services).

Note

You must have administrator privileges on the network to create new NDPS objects.

NDPS is not like the earlier queue-based versions of NetWare printing. Instead, you use an NDPS Manager and a Printer Agent, which control the tasks previously handled by a print queue, print server, and spooler.

Before configuring the NetWare print server in NDPS mode, confirm the following:

- · For using Windows Vista as the client computers, NetWare 6.5 Support Pack 8 must be installed.
- Make sure you have a valid IP address for this equipment and for any computers that will print to it (when used in the TCP/IP network).
- In the equipment setup, enter the IP address, Subnet mask, and Gateway address for this equipment (when used in the TCP/IP network).
- To enable Novell iPrint, Novell iManager must be installed beforehand. For instructions on how to install the Novell iManager, see the documentation for the Novell iManager that is provided by Novell, Inc.
- Novell iPrint Client must be installed.
 P.22 "Setting up the Novell iPrint"

□ Setting up NDPS

- 1 Enter the URL "https://<IP address>/nps/iManager.html" into the address bar of your browser to launch iManager.
- **2** Enter the user name, password, and Tree to log in to Novell iManager.
- **3** Click [iPrint] in Roles and Tasks, and select [Create Broker].

The dialog box for creating the broker appears.

Tip

If the NetWare print server has been installed as supporting the NDPS service, the NDPS Broker is created as default. In this case, you can use the default NDPS Broker.

- 4 Specify the [Broker name] and [RMS Volume] options, and click [OK]. The NDPS Broker is created.
- **5** Click [iPrint] in Roles and Tasks, select [Create Print Manager]. The dialog box for creating the Print Manager appears.
- **6** Specify the [Print Manager name] and [Database volume] option, and click [OK]. The NDPS Manager is created.

7 Select [Manage Broker].

The dialog box for selecting the NDPS Broker appears.

B Specify the preferred broker that has been created in [NDPS Broker name], and click [OK].

Note

Click [Startup] to load the broker if it is not active.

Select the [RMS Drivers] tab. The OS list tab appears.

Note

If the broker is not loaded, the operation for adding resources cannot be allowed. When the [RMS Drivers] tab is disabled, make sure that the broker is active.

10 Select the applicable OS tab in the list.

The drivers currently installed are displayed.

11 Click [Add From File].

The [Select Printer Driver] dialog box appears.

Note

The [Browse] button may not be available according to the Support Pack version. If the [Browse] button is disabled, specify "/DISABLETLSMGR" option when starting the nwadmin32.exe.

12 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

13 Locate the directory where the printer driver for your Windows version is located, select the INF file.

- When using the Windows computer 32-bit edition, select the following folder:
 - To install the PCL Printer driver, locate
 - "[Client Utilities CD-ROM]:\Client\Drivers\PCL6\32bit\".
 - To install the PS printer driver, locate
 - "[Client Utilities CD-ROM]:\Client\Drivers\PS\32bit\".
- When using the Windows computer 64-bit edition, select the following folder:
 - To install the PCL Printer driver, locate
 - "[Client Utilities CD-ROM]:\Client\Drivers\PCL6\64bit\".
 - To install the PS printer driver, locate
 - "[Client Utilities CD-ROM]:\Client\Drivers\PS\64bit\".

14 Click [OK].

The driver installed is added to the Driver list.

- **15** Repeat the procedure from step 11 to step 14 to add all printer drivers for the applicable OS.
- **16** Click [Apply] or [OK] to save the settings. Returns to the [NDPS Broker] dialog box.
- **17** Select [Manage Print Manager]. The dialog box for selecting NDPS Manager appears.
- **18** Specify the preferred manager that has been created in [NDPS Manager name], and click [OK].

Note

Click [Startup] to load the manager if it is not active.

- **19** Continue the procedure according to which connection type to be used.
 - P.20 "Configuring the LPR connection"P.21 "Configuring the queue based connection"

Configuring the LPR connection

- Select [Create Printer].
 - The dialog box for creating the printer appears.
- 2 Specify the [Printer name] and [Print Manager name] options, select [Novell Gateway] in the [Gateway Type] list, and then click [Next]. The dialog box for configuring Novell Gateway appears.
- 3 Enter the IP address of this equipment in [Host IP address], specify "PORT_PASSTHROUGH" in [LPR Printer name], and then click [Next].
 - The dialog box for selecting the driver appears.
- **4** Select the printer drivers to be installed in the [Printer Drivers] list at each OS tab, and click [Next].

The screen telling you that the printer has been created normally appears.

5 Click [OK].

Configuring the queue based connection

- **1** Select [Manage Printer].
- **2** Specify the printer in [NDPS Printer name], which is created for this equipment, and click [OK].

Note

The printer with the LPR connection must be created beforehand.

3 Select the [Client Support] tab.

Client support information is displayed.

▲ Select [QMS Support].

5 Click [Add].

The dialog box for selecting the queue appears.

6 Select the NDS queue to be used, and click [OK].

The selected queue appears on the queue list.

Note

The NDS queue must be created beforehand.

7 Click [Apply] or [OK] to save the settings.

Setting up the Novell iPrint

This equipment also supports the Novell iPrint. Using the Novell iPrint, you can set up the printer that can be accessed using URL from client computers. The Novell iPrint is based on the NDPS architecture so that you must have NDPS installed and configured in the NetWare print server.

Before setting up the Novell iPrint, confirm the following:

- The NDPS Broker, NDPS Manager, and NDPS Printer must be created.
- P.19 "Setting up NDPS"
 The Novell iManager must be installed. For more information about installing the Novell iManager, see the documentation for the Novell iManager that is provided by Novell, Inc.

In order to set up the iPrint system, the network administrator must do the following:

- 1. Installing Novell iPrint
 - P.22 "Installing Novell iPrint"
- 2. Enabling the DNS on the Printer Services Manager
- P.22 "Enabling DNS"
- Enabling iPrint service
 P.23 "Enabling Novell iPrint"

Installing Novell iPrint

Install iPrint Client from "http://[IP address of NetWare server]/ipp".

Enabling DNS

Before enabling DNS for the Printer Services Manager, you should add the DNS name for the Printer Services Manager to the DNS server.

After you add the DNS to the DNS server, follow the steps below to enable the DNS on the Printer Services Manager.

1 At the server console, enter the following syntax.

NDPSM <NDPS Manager Name> /dnsname=<NDPS Manager DNS Name>

Enabling Novell iPrint

After enabling DNS on the Printer Services Manager, enable the Novell iPrint using the Novell iManager.

Notes

- To do this, Novell iManager must be installed on your NetWare print server. For information about installing iManager, see the documentation for Novell iManager that is provided by Novell, Inc.
- You must use a supported browser to access iManager. The supported browsers vary depending on the version of iManager that you installed.
 - For iManager 1.5.2
 - Microsoft Internet Explorer 5.5 or later (Recommended)
 - Netscape 6.2 or later
 - For iManager 2.0.x
 - Microsoft Internet Explorer 6 SP1 or later (Recommended)
 - Netscape 7.1 or later
 - Mozilla 1.4 or later
- 1 Enter the URL "https://<IP address>/nps/iManager.html" into the address bar of your browser to launch iManager.
- **2** Enter the user name, password, and Tree to log in to Novell iManager.
- **3** Click [iPrint] in Roles and Tasks, and click [Manage Printer].
- ▲ Select the printer that you created for the equipment.
- 5 Click [OK].
- **6** Click [Client Support] and click [iPrint Support].
- **7** Select the [Enable iPrint support] check box.
- 8 If you want to secure printing, select the [Enable secure printing] check box. When the option is enabled, users must be authenticated to eDirectory using the user name and password.
- **G** Click [Apply] or [OK] to save settings.

1



RECOMMENDED INSTALLATION

This chapter describes the recommended installation of the Installer.	
Procedure for Recommended Installation	26
Precautions for Changing the SNMP Settings	31

Procedure for Recommended Installation

Install the software using the recommended installation when you want to do so for the PCL Printer driver and other client software on a Windows computer.

Note

To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

If Windows Vista / Windows 7 / Windows Server 2008 is used, you can perform the installation by temporarily changing the user account following the procedure below.

- Open the "Setup" folder in a CD-ROM, and then double-click "Setup.exe".
- When the [User Account Control] dialog box is displayed, enter an administrator password, and then click [Yes] ([OK]).

Insert the Client Utilities CD-ROM into the CD-ROM drive.

If Software Installer does not automatically start, use the Explorer to open the "Setup" folder in the Client Utilities CD-ROM and double-click "Setup.exe".

2 Select [I agree to the terms of the License Agreement.] and click [Next].

Select Languag English	e. V
License Agreen Please read the lic	ent: ense agreement carefully.
Software License IMPORTANT If you do not agr this software.	Agreement se to the terms of this Software License Agreement ("Agreement"), you may not use
contained in the indicating your ac	Agreement carefully before using the software and accompanying documentation torage media ("Licensed Software"). By installing the Licensed Software, you are ceptance of these terms and conditions and this Agreement is deemed effective ensee? I and Dki Data Corporation ("Licensor").
	license and Licensee accepts, a non-exclusive license to install the Licensed Software on s which are directly or through network connected to Licensor's printer product or

- To change the display language, select the desired language from the [Select Language] box.
- The main menu is displayed.

3 Click [Recommended].

	Printer Driver	Setup will install the Printer driver, TWAIN Driver, Flee Downbader, Remote Scan driver, WIA Driver, Flee Driver and AddressBook Viewer on this computer.
Custom Install	Scan Utility	

△ Confirm the list of the software to install and click [Install].

OKI Software Installer		×
OKI	Software Installer	
The following components Please push the browse b MFPIPCL) MFPITWAIN) File Downloader Remote Scan driver MFP MFPIFAX) AddressBook Viewer	: are installed. utton to change the product install path.	
Product Install Path: EVPRogram Files/Okidata/111 SNMP Settings	Instal	Browse

You can change the folder where AddressBook Viewer and File Downloader are installed. Click [Browse] and, when the [Browse for Folder] dialog box appears, select a folder and click [OK].

Notes

• If the following message appears, click [Continue].

Message			
Devices are not discovered in your network T Continue to use the Default port or Shared Prin			
Con		Retry	Information
	-12		

See step 7 or later in the following section to continue the installation: $\hfill P.41$ "If your OKI MFP is not found"

- When you want to install the PS printer driver and XPS printer driver, perform installation from [Custom Install] or by using the individual installers.
 - For details, see the following page:

P.36 "Installing the Printer Drivers"

[SNMP Settings]

If the SNMP settings are not the same in your OKI MFP and the [SNMP Settings] dialog box, you cannot find your OKI MFP. Verify the correct SNMP settings on the [SNMP Settings] dialog box and change the settings, if needed. Ask the administrator for details on the SNMP settings configured for your OKI MFP.

When SNMP V1 and V2 are used,

- Click [V1/V2] if a community name other than "private" (default) is set for the SNMP community name for your OKI MFP.
- 2. Change the SNMP community name.
- 3. Click [OK].

Note

When you change the SNMP community name, see the following page:

P.31 "Precautions for Changing the SNMP Settings"

Settings	
√ersion	C V1/V2/V3
SNMP V1/V2	
private	
SNMP V3	[√] 2
	Browse
C User <u>N</u> ame/Password: User Name:	
Authentication Protocol:	
HMAC-MD5	~
Authentication Password:	
Privacy Protocol:	
None	~
Privacy Password:	

When SNMP V3 is used,

- 1. Click [V3].
- When a user ID file is used for authentication, click [Browse] to specify the file.
 When user authentication information is used for authentication, click [User Name/Password] to enter the necessary information.

Notes

- Consult the administrator for preliminary advice on how to authenticate users.
- When you change the SNMP settings, see the following page:

P.31 "Precautions for Changing the SNMP Settings"

3. Click [OK].

P Settings		
Version		
C V1/V2	⊙ v3	C V1/V2/V3
SNMP V1/V2	\sim	
Community Na	me: V	
private		
SNMP V3		
🖲 User ID File		
C:\Users\Use	r001\Document:	s\sni <u>B</u> rowse
C User Name	(Password:	N
User Name:		k
Authentication	Protocol:	
HMAC-MD5		v
Authentication	Password:	
Privacy Protoc	ol;	
None		<u> </u>
Privacy Passwi	ora;	
1		
	. 1	
Restore <u>D</u> efa	ault	OK N Cancel

* When SNMP V1, V2, and V3 are configured for your OKI MFP, perform both of the above settings.

5 A list of the discovered printers is displayed. Then select this equipment on the list and then click [OK].

OKI Software Insta	ller			
OKI	Soft	ware Insta	aller	
Select an existing print clicking the Browse bu	er port from a device itton.	on network or select	the network printer t	hat can be used by
Selected printer port	IP_000	編822391		Browse
Devices on Netwo	rk			
Printer Name	IP/IPX Address	SNMP Version	Location	Printer Type
	31	V1/V2		
<u>, </u>				
C Use the following p	port			
SNMP Settings			OK	Cancel
				ک ۷

The TCP/IP port is created.



Notes

• If the following message appears, click [Yes] to set the PCL Printer driver to be the default printer driver, or click [No] to not change the default printer driver.



• If the following message appears, click [Install this driver software anyway] to proceed with the installation.



7 When the installation is complete, click [Finish].

OKI Software Installer
OKI Software Installer
The following components were installed.
✓ MFP(PCL) ✓ MFP(TWAIN)
✓ File Downloader
✓ Remote Scan driver
V III MAR MAP
✓ MFP(FAX)
✓ AddressBook Viewer
Concel

The main menu is displayed.

Note

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.

8 Click [Exit].

When a message "Do you want to close OKI MFP Software Installer?" appears asking whether to finish the installation, click [Yes].

Note

Before using the PCL Printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the *Printing Guide* for the instructions.

Precautions for Changing the SNMP Settings

When the SNMP community name or user information is used for authenticating users on your OKI MFP, the SNMP settings must be the same in your OKI MFP and the [SNMP Settings] dialog box as shown below in order to print or send jobs normally.

For help, consult the administrator.

When SNMP V1 and V2 are configured for your OKI MFP

When the TCP/IP port is used, the SNMP community names must be the same in the following 3 settings. 1. Your OKI MFP (Example: Read Community "public" and Read Write Community "private" are set.)

T		cess			
•	Device		Joh Status		Loas
	Setup	- I	<u>Security</u>	1	<u>Maintenan</u>
•	Setup General Save	Network	<u>Copier</u> <u>Save</u>	<u>as file</u>	<u>Email</u> Ir
	SNMP				
	Enable SNN	/IP V1/V2			Enable
_ (Read Comr	nunity			public
	Read Write	Community			private
	Enable SNN	/IP V3			Disable
	SNMP V3 L	Jser Informatio	on/Number		User Name

2. [SNMP Settings] dialog box

SNMP Settings			×
Version • V1/V2	С V3	C V1/V2/V3	
SNMP V1/V2 Community Na	me:		
private			

The Read Write Community names must be the same in your OKI MFP and the [SNMP Settings] dialog box. If you specify the incorrect Read Write Community name, the several functions, such as the department management feature will be disabled.

3. TCP/IP port of the [Ports] tab in the printer driver/Fax driver

Configure Standard TCP/IF	Port N	1onitor 💌
Port Settings		
<u>P</u> ort Name:		\$80:0000:0000:0280:91ff.fe69:18b4
Printer Name or IP <u>A</u> ddress	S:	fe80:0000:0000:0000:0280:91ff.fe69:18b
Protocol		© <u>L</u> PR
Raw Settings		
Port <u>N</u> umber:	9100	
LPR Settings		
LPR Byte Counting E	Enabled	
SNMP Status Enable	ed	
Community Name:	public	
SNMP <u>D</u> evice Index:	1	
L		OK Cancel

The Read Community Names must be the same in your OKI MFP and the [Ports] tab.

Notes

- When the SMB port is used, the Read Write Community names must be the same in your OKI MFP and the [SNMP Settings] dialog box.
- The SNMP settings also must be the same in your OKI MFP and the applications (TWAIN driver, File Downloader, and AddressBook Viewer) included in the Client Utilities CD-ROM. If the settings are different, the applications will be unavailable.

When SNMP V3 is configured for your OKI MFP

The SNMP settings must be the same in the following 2 settings.

1. SNMP V3 User Information in your OKI MFP

Context Name	MEP	
User Name Authentication Protocol		
Authentication Protocol	HMAC-MD5 💌	
Privacy Protocol	None	
Privacy Password		
Permissions Level	Administrator -	

2. [SNMP Settings] dialog box

Version			
○ V1/V2		C V1/V2/V3	
SNMP V1/V2			
Community Na	ime;		
private			
SNMP V3			
🖲 User ID Fil	e:		
C:\Users\Use	er001\Documents	s\sni <u>B</u> rowse	
O User Name	Password:		I
User Name:			
Authentication	n Protocol:		
HMAC-MD5		Ψ.	
Authentication	n Password:		
Privacy Protoc	:ol:		
None		v	
Privacy Passw	iord;		
			J

SNMP V3 User Information must be the same in your OKI MFP and the [SNMP Settings] dialog box.

Note

The SNMP settings also must be the same in your OKI MFP and the applications (TWAIN driver, File Downloader, and AddressBook Viewer) included in the Client Utilities CD-ROM. If the settings are different, the applications will be unavailable.

3

INSTALLING PRINTER DRIVERS FOR WINDOWS

This chapter provides instructions on how to install printer drivers for Windows.

Before Installation	34
Type of printer drivers	
System requirements	
About installation procedure	
Installing the Printer Drivers	
Installing the printer drivers by using Software Installer	
Installing the printer drivers by using the individual installers	
Installing the printer drivers from TopAccess	
Other Installations	
Raw TCP/LPR printing ("Add Printer" installation from file)	
USB printing	
IPP printing	
Novell iPrint	
Web Service Print	
Copying the PPD File for Windows	
Uninstalling Printer Drivers	
Windows 7	
Windows Vista / Windows Server 2008	
Windows XP / Windows Server 2003	

Before Installation

This section will help you to plan an installation suited to your environment. Before installing the printer drivers, read this section.

When same printer drivers have been installed previously

Before updating the printer drivers, delete the existing printer drivers.

P.109 "Uninstalling Printer Drivers" If you want to reinstall the same type of printer driver with another version, first uninstall the existing one and restart your computer.

Type of printer drivers

- PCL Printer driver This printer driver is suitable for printing from a general application, such as word processing or calculation.
- PS printer driver This printer driver is suitable for printing from a general application, such as word processing or calculation, and a DTP application supporting PostScript.
- XPS printer driver This printer driver is suitable for printing from an application developed exclusively for Windows Vista, such as Windows Presentation Foundation (WPF).

Tips

- The XPS printer driver can be installed on Windows Vista / Windows 7 computers, or those of Windows XP SP2, Windows Server 2003 SP1 or later versions with XPS Essentials Pack installed.
- A printer description file for popular Windows applications is contained in the Client Utilities CD-ROM. Copy the file to a proper directory. For details, see the following page: P.108 "Copying the PPD File for Windows"

System requirements

To install the printer drivers and other client software on a Windows computer, the following is required.

- · 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
 - The required memory size for OS.
- OS

Windows XP Service Pack 2 or later Windows Vista Service Pack 1 or later Windows 7 Windows Server 2003 Service Pack 2 Windows Server 2008 Service Pack 1 or later

About installation procedure

Find the installation procedure suited to your environment from the following:

Raw TCP/LPR printing

This equipment supports the Raw TCP and LPR printing via TCP/IP. When this equipment is connected to your computer in a TCP/IP network, Raw TCP/LPR printing may be most suitable. P.36 "Installing the Printer Drivers"

Tips

- To print with a Raw TCP connection, this equipment must be configured to enable Raw TCP Print Service. Ask your administrator if the Raw TCP Print Service is enabled.
- To print with a LPR connection, this equipment must be configured to enable LPD Print Service. Ask your administrator if the LPD Print Service is enabled.

SMB printing

This equipment can be used with an 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 used to set up the printer. However, SMB printing is not suitable for printing a large amount of documents.

P.36 "Installing the Printer Drivers"

Note

It assumes using SMB printing in a small network. If you can use Windows XP, Windows Vista, Windows 7, Windows Server 2003, or Windows Server 2008 as a print server, it is recommended to set up for printing via Windows print server.

Internet printing

If you print to this equipment over the Internet, you can use IPP printing under Windows XP, Windows Vista, Windows 7, Windows Server 2003, and Windows Server 2008. This allows you to print to this equipment from anywhere on the Internet.

P.90 "IPP printing"

Tip

To print with an IPP connection, this equipment must be configured to enable the IPP Print Service and must be connected to the Internet. Ask your administrator if the IPP Print Service is enabled.

Novell printing

When this equipment is configured to manage printing with NetWare 6.5 over TCP/IP or IPX/SPX, you can print through the NetWare print server from Windows XP, and Windows Server 2003. In this case, install the printer driver and set up the SMB printer connection to a print queue created in the NetWare print server.

Tip

To print with a Novell connection, the NetWare server must be configured for printing and this equipment must be configured to enable NetWare Print Service. Ask your administrator if the NetWare Print Service is enabled.

Novell iPrint

When this equipment is configured to manage Novell iPrint with NetWare 6.5 over TCP/IP, you can print through the NetWare print server from Windows XP, and Windows Server 2003. In this case, install the printer driver using iPrint Client from the NetWare server.

P.101 "Novell iPrint"

Tip

To print with a Novell iPrint, the NetWare server must be configured for iPrint and this equipment must be configured to enable NetWare Print Service. Ask your administrator if the NetWare Print Service is enabled.

Web Service Print

When this equipment is connected in a TCP/IP network, Web Services Print can be operated at the client computer using the function of Windows Vista / Windows 7 / Windows Server 2008.



Web Services Print is the function of Windows Vista / Windows 7 / Windows Server 2008.

Installing the Printer Drivers

This section describes how to install a printer driver to a computer with a Windows OS. You can install the printer drivers by using the Client Utilities CD-ROM, or from TopAccess.

- · Installing the printer drivers by using the Client Utilities CD-ROM
 - The following two options are available:
 - Using Software Installer

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer will launch automatically. This program allows you to install the printer drivers and other client software on your computer. Use this option to install the printer drivers and other client software in one go.

- P.36 "Installing the printer drivers by using Software Installer"
- Using the individual installers The individual installers (Setup.exe) are contained in the Client Utilities CD-ROM, which enable you to install the PCL Printer driver, PS printer driver, and XPS printer driver individually. Use this option to install only the preferred printer driver.
 - P.55 "Installing the printer drivers by using the individual installers"
- · Installing the printer drivers from TopAccess

If the PCL Printer driver, PS printer driver, and XPS printer driver have been uploaded to the OKI MFP, you can install the preferred printer driver from TopAccess.

P.73 "Installing the printer drivers from TopAccess"

Installing the printer drivers by using Software Installer

Perform installation corresponding to your Windows computer.

Notes

• To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

If Windows Vista / Windows 7 / Windows Server 2008 is used, you can perform the installation by temporarily changing the user account following the procedure below.

- Open the "Setup" folder in a CD-ROM, and then double-click "Setup.exe".
- When the [User Account Control] dialog box is displayed, enter an administrator password, and then click [Yes] ([OK]).
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.

Insert the Client Utilities CD-ROM into the CD-ROM drive.

If Software Installer does not automatically start, use the Explorer to open the "Setup" folder in the Client Utilities CD-ROM and double-click "Setup.exe".

9 Select [I agree to the terms of the License Agreement.] and click [Next].

ISoftware Installer	
OKI	Software Installer
Select Language:	
English	_
icense Agreement:	
Please read the license agreem	ent carefullu
Software License Agreement	an carolog.
this software.	ns of this Software License Agreement ("Agreement"), you may not use arefully before using the software and accompanying documentation
contained in the storage media indicating your acceptance of	are us before using the soutwate and accompanying documentation of "Licensed Softwate"). By installing the Licensed Softwate, you are these terms and conditions and this Agreement is deemed effective 0 ki Data Corporation ("Licensor").
	e accepts, a non-exclusive license to install the Licensed Software on directly or through network connected to Licensor's printer product or
Lagree to the terms of the L	icense Agreement.
No not agree to the terms o	of the License Agreement.
	×2

- To change the display language, select the desired language from the [Select Language] box.
- The main menu is displayed.

3 Click [Printer Driver] or [Custom Install].

Recommended Printer Driver Computer Scan Utility	Ver.1.01 Recommended Printer Driver	(I Software Installer	
Recommended Setup will install the printer driver on this computer. Printer Driver Setup will install the printer driver on this Second Utility Second Utility	Recommended Setup will install the printer driver on this computer. Solution Setup will install the printer driver on this computer. Setup will install the printer driver on this computer. Setup will install the printer driver on this computer.	OKI Software Ir	
Printer Driver	Computer.		Ver.1.01
Scan Utility	Scan Utility	Recommended	Setup will install the printer driver on this computer.
	Fax Driver	Printer Driver	
		Scan Utility	
Fax Driver	Custom Install	Fax Driver	
Custom Install		Custom Install	
Open Admin Folder			
Open Admin Folder Open ReadMe File	Upen Headwe He		Exit

Printer Driver — This option allows you to install only the PCL Printer driver. When you select it, proceed to step 5. **Custom Install** — This option allows you to select the printer drivers and utilities which you want to install. When you select it, proceed to step 4.

Note

When you want to install the PS printer driver and XPS printer driver, perform installation from [Custom Install] or by using the individual installers.

P.55 "Installing the printer drivers by using the individual installers"

4 When you have selected [Custom Install] in step 3, select the software items which you want to install, and then click [Next].

OK	Software Installer	
Custom Install:		
	MFP(PCL)	
2344	MFP(PS) MFP(XPS)	
Scarrounty		
File Do	MFP(TWAIN) ownloader	
Remot	te Scan driver	
🛅 Fax Driver	MFP	
	MFP(FAX) sssBook Viewer	
	SSECOR VIEWO	
This adapted with the	er is suitable for printing from a general application, such as word processing or	_
This printer unver		
calculation.		
calculation.		
calculation.		

You can install the following printer drivers:

- PCL Printer Driver
- PS Printer Driver
- XPS Printer Driver

Tip

In the above dialog box, the software items for scan operations and fax operations are also listed. You can install them together with the printer drivers, if necessary.

5 Confirm the list of the software to install and click [Install].

OKI Software Installer		
OKI	Software Installer	
The following components	s are installed.	
2 MARCHARCH MFP(PCL)		
SNMP Settings	Install	Cancel

Installation starts.

Tips

- The XPS printer driver can be installed on Windows Vista / Windows 7 computers, or those of Windows XP SP2, Windows Server 2003 SP1 or later versions with XPS Essentials Pack installed.
- When you want to verify and/or change the SNMP settings to find the target OKI MFPs, see step 4 in the following section:

P.26 "Procedure for Recommended Installation"



Configure the printer port.

The procedure for configuring the printer port varies depending on the connection. Go to the steps suited to your connection.

P.39 "Raw TCP/LPR printing"

P.49 "SMB printing"

P.53 "Novell printing"

Raw TCP/LPR printing

Configure the Raw TCP/LPR port as described in the following procedure.

Note

Confirm the following before starting the configuration:

- This equipment is connected to the network and turned on.
- The TCP/IP setting is correct on this equipment and your computer.

Searching your OKI MFP automatically

This equipment is automatically discovered over the network. Then you can install printer driver so as to configure the Raw TCP/LPR port.

Note

If this equipment is not discovered over the network after the installation is started, a dialog box indicating this appears. Follow the procedure below to continue the configuration.

- To search this equipment over the network again, click [Retry].
- Confirm the SNMP settings specified in the [SNMP Settings] dialog box.
- To select a temporary local port and then configure the Raw TCP/LPR port, click [Continue]. Then follow the procedure as described in the following page:

P.41 "If your OKI MFP is not found"

Message			
Devices are not discovered in you Continue to use the Default port or			
	[]		
	Continue	Retry	Information

7 A list for the discovered printers is displayed. Then select this equipment on the list and then click [OK].

KI Software Insta	iller			
OKI	Soft	ware Insta	aller	
Select an existing prin clicking the Browse bu	ter port from a device utton.	on network or select t	the network printer th	nat can be used by
Selected printer port	IP_000	462 (2:25)		Browse
Devices on Netwo	ork			
Printer Name	IP/IPX Address	SNMP Version	Location	Printer Type
1	1	IIII		3
1				
C Use the following	port	V		

The TCP/IP port is created.

Tips

- · Searching may take a while depending on the Windows OS or network environment.
- If a dialog box prompting you to confirm the setting of a printer for normal use appears, click [Yes] or [No].

Printer		
Do vou want to set the followin Printer	ig Printer as the Def	ault Printer?
	Yes	<u>N</u> ₀
		3

• If the [Windows Security] dialog box appears, click [Install this driver software anyway].

😵 Wii	ndows Security
8	Windows can't verify the publisher of this driver software
	Don't install this driver software You should check your manufacturer's website for updated driver software for your device.
	Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
	See <u>d</u> etails

8 Confirm that the installation is completed, and then click [Finish].

OKI Software Installer		
OKI	Software Installe	ər
The following components		
		Cancel

Tip

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.

Click [Exit].

9

When a message appears asking whether to finish the installation, click [Yes].

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

If your OKI MFP is not found

If your OKI MFP is not found, you must first install the printer driver by temporarily selecting a local port and then configuring the Raw TCP/LPR port.

Note

If this equipment is not discovered over the network after the installation is started, a dialog box indicating this appears. Click [Continue] to continue the configuration.

Message
Devices are not discovered in your network. To Retry searching for devices, press Retry. To Continue to use the Default port or Shared Printer, press Continue, For information, press Information.
Continue Retry Information

7 Select [Use the following port] and then select "LPT1: ". Then click [OK].

OKI Software Installer	E
OKI Software Installer	
Select an existing printer port from a device on network or select the network printer that can be used by clicking the Browse button.	
Selected printer port LPT1: Browse	
C Devices on Network	
Printer Name IP/IPX Address SNMP Version Location Printer Type	
	>
C Use the following port	

Tips

• If a dialog box prompting you to confirm the setting of a printer for normal use appears, click [Yes] or [No].



• If the [Windows Security] dialog box appears, click [Install this driver software anyway].

😵 Wir	ndows Security
\otimes	Windows can't verify the publisher of this driver software
	Don't install this driver software You should check your manufacturer's website for updated driver software for your device.
	Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information. See details

8 Confirm that the installation is completed, and then click [Finish].

OKI Software Installer
OKI Software Installer
The following components were installed.
✓ MFP(PCL)
Cancel

Tip

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.

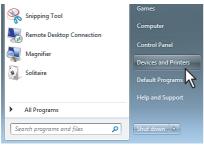
9 Click [Exit].

When a message appears asking whether to finish the installation, click [Yes].

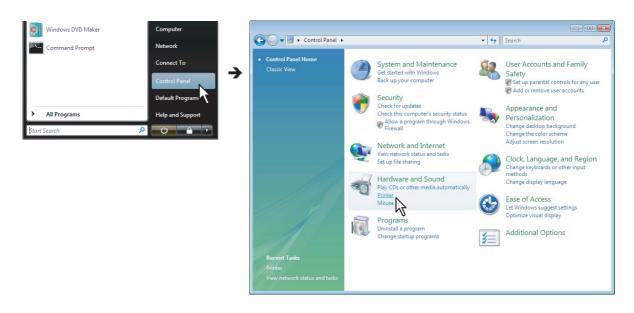
10 Open the printers folder.

• When you are using Windows 7

Click [Start] and click [Devices and Printers] to open the [Devices and Printers] folder.



 When you are using Windows Vista / Windows 2008 Server Click the start button, select [Control Panel] and click [Printer] under [Hardware and Sound] to open the [Printers] folder.

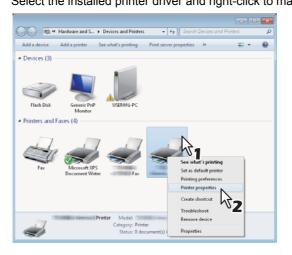


• When you are using Windows XP / Windows 2003 Server Click [Start] and click [Printers and Faxes] to open the [Printers and Faxes] folder.

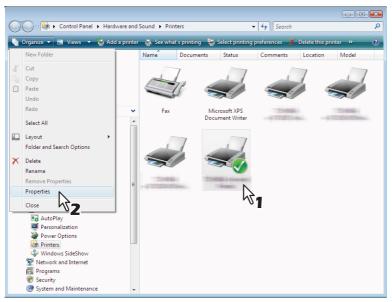


11 Open the printer driver properties dialog box.

When you are using Windows 7 Select the installed printer driver and right-click to make the menu appear, then click [Printer properties].



• When using Windows Vista / Windows Server 2008 Select the installed printer driver. Click [Organize] and then [Properties].



• When using Windows XP / Windows Server 2003 Select the installed printer driver, and select [Properties] in the [File] menu.

🖏 Printers and Faxes		
File Edit View Favorites	Fools Help	-
Open	🔎 Search 🄀 Folders 🔢 🗸	
Set as Default Printer Printing Preferences		Go
Pause Printing	Acrobat Distiller	
Sharing Use Printer Offline	Ready Ready	
Add Printer Server Properties Set Up Faxing	PS3 or 0 Ready Printer	
Create Shortcut Delete Rename Properties	Printer Ready	
Close 2		
Other Places 📚		
Control Panel Scanners and Cameras My Documents My Pictures My Computer		

12 Click the [Ports] tab and click [Add Port].

Port	Description	Printer		*	
✓ LPT1:	Printer Port	1006800	Printer		
LPT2: LPT3:	Printer Port Printer Port			=	
COM1:	Printer Port Serial Port				
COM2:	Serial Port				
COM3:	Serial Port				
COM4:	Serial Port			-	
Add F	^{Por<u>t</u> N}	Delete Port	<u>C</u> onfigure P	ort	
Enable bio	lirectional s				
	nter pooling				
	1 2				
	nter pooling				

The [Printer Ports] dialog box appears.

13 Select [Standard TCP/IP Port] and click [New Port].

Available port types:	
Local Port	
Standard TCP/IP Port	N
	公1
	•
New Port Type	New Port Cancel

The [Add Standard TCP/IP Printer Port Wizard] dialog box appears.

14 Click [Next].

Add Standard TCP/IP Printer P	ort Wizard
	Welcome to the Add Standard TCP/IP Printer Port Wizard
	This wizard helps you add a port for a network printer.
	Before continuing be sure that:
	 The device is turned on. The network is connected and configured.
	To continue, click Next.
	Cancel
	4
	r N

15 Enter the IP address of this equipment in the [Printer Name or IP Address] box and click [Next].

d port For which device do you want to ad	id a port?
Enter the Printer Name or IP ad	dress, and a port name for the desired device.
Printer Name or IP <u>A</u> ddress:	150.60.70.250
Port Name:	150.60.70.250_1
	0

- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS in the [Printer Name or IP Address] box.
- In the [Port Name] box, the port name is automatically entered according to the IP address or DNS name entered in the [Printer Name or IP Address] box. When installing on Windows XP / Windows Server 2003, "IP_" is added in front of the IP address that is displayed in the [Port Name] box.
- Enter the IPv6 address in the [Printer Name or IP Address] box when the MFP is connected in an IPv6 network.

Tips

 When the following dialog box is displayed on Windows XP / Windows Server 2003, select [Standard] and click [Next].



• When the following dialog box is displayed on Windows Vista / Windows 7 / Windows Server 2008, select [Standard] and click [Next].

The device	could not be identified.
The device is no	t found on the network. Be sure that:
1. The device is	
 The network The device is 	is connected. s properly configured.
The address	on the previous page is correct.
If you think the a the address and	ddress is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct,
If you think the a	ddress is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct,
If you think the a the address and select the device	ddress is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct,
If you think the a the address and select the device Device Type	ddtess is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct, type below.
If you think the a the address and select the device Device Type	ddfess is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct, type below. Generic Network Card

16 Click [Finish].

	Printer Port	the Add Standard TCP/IP Wizard port with the following characteristics.
111	SNMP;	Yes
	Protocoli	RAW, Port 9100
- 1	Device:	150.60.70.250
	Port Name:	150.60.70.250_1
	Adapter Type:	MEP07088510
	To complete this wit	zard, click Finish.
		< Back Finish Cancel

The screen returns to the [Printer Ports] dialog box.

17 Click [Close] to close the [Printer Ports] dialog box.

rinter Ports	
Available port types:	
Local Port	
Standard TCP/IP Port	
c	
New Port Type	New Port Close

18 Make sure the created Raw TCP or LPR port is checked in the [Print to the following port(s)] list.

-	1000	EC: North	Print	er			
Print to th	e follow	ina por	t(s). Docu	ments will print to t	he first fr	**	
hecked p	port.	scription		Printer			
CON CON FILE:	13: Ser 14: Ser Prin	ial Port ial Port nt to Fil					
IP_15	0 Sta	ndard T ndard T	CP/IP Por CP/IP Por CP/IP Por	t 3799 8000 5	Fa: S Docume		
	ld Por <u>t</u>	ional cu		elete Port	<u>C</u> onfi	gure Port	
	printer						

Tip

When the LPD Print setting is enabled, you can also configure LPR printing. When you want to configure LPR printing, follow the procedure below.

1. Click [Configure Port].

<i></i>	Printe		
Print to the f checked por Port		nents will print to the first free Printer	*
	Serial Port Serial Port Print to File Standard TCP/IP Port Standard TCP/IP Port		Ŧ
	 Standard TCP/IP Port Local Port 	Microsoft XPS Document Writer	
Add	Por <u>t</u> <u>D</u> e	lete Port <u>C</u> onfigure Port	N
	lirectional support nter pooling		7

2. Select [LPR] at the [Protocol] group, enter "print" in the [Queue Name] box at the [LPR Settings] group, and then click [OK].

Port Settings				
Port Name:		150.60.70.25	L1	
Printer Name or IP Addre	552	150.60.70.25)	
Protocol				
© <u>R</u> aw			LPR	
Raw Settings			1	
Port Number:	9100		- 01	
LPR Settings Queue Name:	Print	2		J
SNMP Status Enable	d	2	2	
⊆ommunity Name:	public			
SNMP <u>D</u> evice Index	1			
			OKN	Cance

19 Click [Apply]. 20 Click [OK] to save the setting.

hecked port Port	Description	Printer		*	
COM2: COM3:	Serial Port Serial Port Serial Port				
	Print to File Standard TCP/IP Port Standard TCP/IP Port	11000000-0	Fax	Ξ	
150.60	Standard TCP/IP Port	10000000	Printer	-	
Add P	or <u>t</u> <u>D</u> ele	te Port	<u>C</u> onfigure	Port	
	irectional support iter pooling				

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

SMB printing

Install a printer driver by specifying the SMB port manually.

Notes

- SMB printing is targeted for a small network. If you are using Windows XP, Windows Vista, Windows 7, Windows Server 2003, or Windows Server 2008 as a print server then it is recommended to set up printing through this print server.
- Before starting the configuration, make sure that this equipment is connected to a network and also that its power is turned ON.
- If this equipment is not discovered over the network after the installation is started, a dialog box indicating this
 appears. Click [Continue] to continue the configuration.



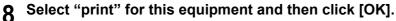
7 Click [Browse].

ISoftware Ins	taller			
OK	Soft	ware Insta	aller	
Select an existing p clicking the Browse	inter port from a device button.	on network or select 1	the network printer th	at can be used by
Selected printer por	IP_	168-12-25)		Browse
Devices on Net				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Printer Name	IP/IPX Address	SNMP Version V1/V2	Location	Printer Type
<				
C Use the followin	g port			
<u> </u>			[0K	Cancel

The [Browse for Printer] dialog box appears.

Tips

- If you know the IP address or the host name of this equipment, you can specify a printer port with the direct entry from the keyboard instead of clicking [Browse]. Enter a network path shown below in [Selected printer port], and then go to step 9.
 - \\<IP address or host name>\print
- You may not be able to open the target MFP port via [Browse] button in OS such as Windows7, Windows Vista depending on the network environment. In this case, enter a network path shown below in [Selected printer port], and then go to step 9. \\<IP address or host name>\print



Browse for Printer	×
Network Open	
👰 Network	
↓ IN ADMIN-PC	
A 1 A HOUSE CONTRACTOR	
print	
	000200 000.0000
	OK Cancel
	₩2

9 Click [OK].

ISoftware Instal	ler			
OKI	Soft	ware Insta	aller	
Select an existing printe clicking the Browse but	er port from a device Iton.	on network or select t	he network printer t	hat can be used by
Selected printer port	IP_III	102 2:211		Browse
 Devices on Networ 		1	1	
Printer Name	IP/IPX Address	SNMP Version V1/V2	Location	Printer Type
<				
<		IIII		
Use the following p	ort			
	ort			
C Use the following p	ort			

Tips

• If a dialog box prompting you to confirm the setting of a printer to be used normally appears, click [Yes] or [No].

Printer		8
Do vou want to set the followin Printer	ng Printer as the Def	ault Printer?
	Yes	<u>N</u> ∘
		Z

• If the [Windows Security] dialog box appears, click [Install this driver software anyway].

Wi	ndows can't verify the publisher of this driver software
•	 Don't install this driver software You should check your manufacturer's website for updated driver software for your device.
•	 Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or st information.
See <u>d</u>	etails V

10 Confirm that the installation is completed, and then click [Finish].

OKI Software Installer
OKI Software Installer
The following components were installed.
Y wrr(ru)
Cencel

Tip

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.

11 Click [Exit].

When a message appears asking whether to finish the installation, click [Yes].

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

□ Novell printing

Configure the printer port for Novell printing.

Notes

- The information for connecting the NetWare print server will be required.
- If this equipment is not discovered over the network after the installation is started, a dialog box indicating this appears. Click [Continue] to continue the configuration.



7 Enter the queue name in the [Selected printer port] box, and click [OK]. For NDS/NDPS mode

Example: Root=Org, Context=dept1, queue name=mfp_queue

\\Org\mfp_queue.dept1	
OKI Software Installer	(
OKI Software Installer	
Select an existing printer port from a device on network or select the network printer that can be clicking the Browse button.	used by
Selected printer port V\0rg\mfp_queue.dept1 Brows	e
C Devices on Network	
Printer Name IP/IPX Address SNMP Version Location Print	er Type
Use the following port LPT1:	
SNMP Settings	Cancel

For Bindery mode

Example: NetWare print server name=Nwsrv, queue name=mfp_queue

\\Nwsrv\mfp_queue

OKI Software Installer Select an existing printer port from a device on network or select the network printer that can be used by clicking the Browse button. Selected printer port Devices on Network Printer Name IP/IPX Address SNMP Version Location Printer Type C Use the following port LTT: SNMP Settings Cancel	<				
OKI	Soft	ware Insta	aller		
Select an existing printer po clicking the Browse button.	rt from a device	on network or select	the network printer th	at can be used by	
Selected printer port	WNwsrv	\mfp_queue		Browse	
C Devices on Network		2			
Printer Name IP/	Select an existing printer port from a device on network or select the network printer that can be used by clocking the Browse button. Selected printer port Devices on Network Printer Name IP/IPX Address SNMP Version Location Printer Type C Use the following port LPT1:	Printer Type			
<		ш		>	
		•			
SNMP Settings			<u>OK</u>	Cancel	

Note

The queue for this equipment should be set up by an administrator. If you do not know the queue for this equipment, ask your administrator.

Tip

If the following message appears, click [Yes] to set the indicated printer driver to be the default printer driver, or click [No] to not change the default printer driver.

ne Default Printer?
<u>N</u> o

8 When the installation is complete, click [Finish].

d.	

The main menu is displayed.

Note

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.

9

Click [Exit].

When a message appears asking whether to finish the installation, click [OK].

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

■ Installing the printer drivers by using the individual installers

Perform installation corresponding to your Windows computer.

Notes

 To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

If Windows Vista / Windows 7 / Windows Server 2008 is used, you can perform the installation by temporarily changing the user account following the procedure below.

- Open the folder containing the set up program for installing the preferred printer driver, and then double-click "Setup.exe".
- When the [User Account Control] dialog box is displayed, enter an administrator password, and then click [Yes] ([OK]).
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.

Insert the Client Utilities CD-ROM into the CD-ROM drive.

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

9 Open the folder containing the set up program, and double-click "Setup.exe".

Organize 👻 🛛 Burn	to d	isc				(
🔆 Favorites	Â	Name	Date modified	Туре	Size	
🧮 Desktop		1044.mst	2/16/2011 4:50 PM	MST File		
鷆 Downloads		1045.mst	2/16/2011 4:50 PM	MST File		
📃 Recent Places	=	1049.mst	2/16/2011 4:50 PM	MST File		
	=	1053.mst	2/16/2011 4:50 PM	MST File		
🥃 Libraries		2052.mst	2/16/2011 4:50 PM	MST File		
📑 Documents		🚳 eSh3fw.dll	2/16/2011 3:09 PM	Application extens		3, 1
👌 Music		eSPDUNI.cfg	3/2/2010 3:44 PM	CFG File		
Pictures		🛃 eSPDUNI	2/16/2011 4:50 PM	Windows Installer		1,4
📑 Videos		🔜 installer	2/16/2011 5:06 PM	Application		
		Setup N	2/16/2011 3:12 PM	Application		1, 1
💻 Computer		Setup	2/17/2011 4:31 PM	Configuration sett		
ڏ Local Disk (C:)	-		m			

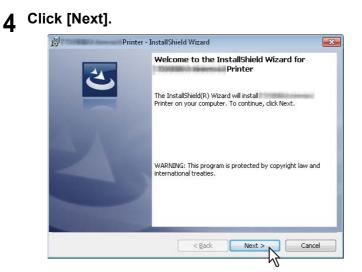
- The window for choosing the display language is displayed.
- The set up programs for installing the printer drivers are contained in the following folders:
 - PCL Printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PCL6\
 - PS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PS\
 - XPS printer driver

[Client Utilities CD-ROM]:\Client\Drivers\XPS\

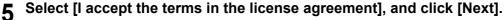
3 Select the desired language, and click [OK].

Select the language for the installation from the select the language for the select the select the language for the select the language for the select th	ne choices below.
English	Cancel

The Welcome screen is displayed.



The License Agreement screen is displayed.



Printer - InstallS	hield Wizard	×
License Agreement		
Please read the following license agre	ement carefully.	
ACCEPTANCE OF THE FOLLOWING TERM IS PROVIDED BY THE SUPPLIER OF APPL SEPARATE LICENSE SHALL APPLY). IF YO	SOFTWARE PRODUCT CONSTITUTES YOUR 15 AND CONDITIONS (UNLESS A SEPARATE LICENSE ICABLE SOFTWARE IN WHICH CASE SUCH 20 DO NOT ACCEPT THESE TERMS, YOU MAY NOT YOU MUST PROMPTLY RETURN THE SOFTWARE TO	* III
("Software") is licensed for use with the s	their typefaces) and related documentation system CPU on which it was installed ("System") in the contempt of the contempt of	÷
do not accept the terms in the license	e agreement	

The Select Port screen is displayed.

6 Configure the printer port.

The procedure for configuring the printer port varies depending on the connection. Go to the steps suited to your connection.

P.57 "Raw TCP/LPR printing"

P.67 "SMB printing"

P.71 "Novell printing"

Raw TCP/LPR printing

Configure the Raw TCP/LPR port as described in the following procedure.

Note

Confirm the following before starting the configuration:

- This equipment is connected to the network and turned on.
- The TCP/IP setting is correct on this equipment and your computer.

Searching your OKI MFP automatically

This equipment is automatically discovered over the network. Then you can install the printer driver so as to configure the Raw TCP/LPR port.

Note

If this equipment is not discovered over the network after the installation is started, a dialog box indicating this appears. Follow the procedure below to continue the configuration.

- To search this equipment over the network again, click [Retry].
- Confirm the SNMP settings specified in the [SNMP Settings] dialog box.
- To select a temporary local port and then configure the Raw TCP/LPR port, click [Continue]. Then follow the procedure as described in the following page:

P.41 "If your OKI MFP is not found"

Message
Devices are not discovered in your network To Retry searching for devices, press Retry To Continue to use the Default port of Shared Printer, press Continue. For information, press Information.
Continue Retry Information
N

7 A list for the discovered printers is displayed. Then select this equipment on the list and then click [OK].

TIS-SEMICA Amount	Printer			
Select Port Select the port f	or printer.			
elect an existing p licking the Browse		ice on network or sele	ot the network prin	iter that can be used b
elected printer po	rt	IP_150.60.70.250		Biowse
Devices on Ne	etwork			
Printer Name	IP/IPX Address	SNMP Version	Location	PRINTER TYP
	150.60.70.250	V1/V2		Thinks 531
•	•	ш		
O Use the followi	ing port			*]
<u>S</u> NMP Settin	igs			OK

The TCP/IP port is created and the Ready to Install the Program screen will be displayed.

Tips

- Searching may take a while depending on the Windows OS or network environment.
- When you want to verify and/or change the SNMP settings to find the target OKI MFPs, see step 4 in the following section:

P.26 "Procedure for Recommended Installation"

8 Click [Install].

ceauy to ms	tall the Program			
The wizard is	ready to begin instal	llation.		
Click Install t	begin the installation	n.		
If you want exit the wiza	o review or change a rd.	any of your installat	ion settings, click Ba	ck. Click Cancel to

Installation starts.

Tips

- Searching may take a while depending on the Windows OS or network environment.
- If a dialog box prompting you to confirm the setting of a printer for normal use appears, click [Yes] or [No].

Printer	8
Do you want to set the fol Printer	lowing Printer as the Default Printer?
	Yes <u>N</u> o
	77

• If the [Windows Security] dialog box appears, click [Install this driver software anyway].

3 Wir	Jows Security Windows can't verify the publisher of this driver software	×
	 Don't install this driver software You should check your manufacturer's website for updated driver software for your device. 	
	 Install this driver software anyway Only install driver software obtained from your manufacture's website or disc. Unsigned software from other sources may harm your computer or ste information. 	al
•	se details	

Q Confirm that the installation is completed, and then click [Finish].



Tips

- The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.
- Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the *Printing Guide* for the instructions.

If your OKI MFP is not found

If your OKI MFP is not found, you must first install the printer driver by temporarily selecting a local port and then configuring the Raw TCP/LPR port.

Note

If this equipment is not discovered over the network after the installation is started, a dialog box indicating this appears. Click [Continue] to continue the configuration.

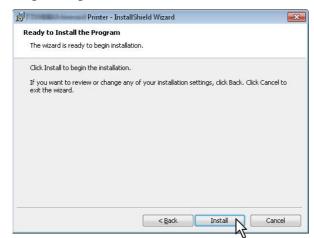
Message				
Devices are not discovered in you Continue to use the Default port o				
	Continue	Retry	Information	
				_

7 Select [Use the following port] and then select "LPT1: ". Then click [OK].

icking the Browse		ice on network or selec	st the network prin	ter that can be used by
elected printer por	rt	LPT1:		Browse
Devices on Ne	etwork			
Printer Name	IP/IPX Address	SNMP Version	Location	PRINTER TYPE
		m		,

The Ready to Install the Program screen is displayed.

8 Click [Install].



Installation starts.

Tips

• If a dialog box prompting you to confirm the setting of a printer for normal use appears, click [Yes] or [No].



• If the [Windows Security] dialog box appears, click [Install this driver software anyway].

Jows can't verify the publisher of this driver software Do <u>n</u> 't install this driver software You should check your manufacturer's website for updated driver software for your device.
You should check your manufacturer's website for updated driver software
Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or stea information.

9 Confirm that the installation is completed, and then click [Finish].

Printer - 2	installShield Wizard	x
2	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed Printer. Click Finish to exit the wizard.	
	☑ Show the readme file	
	< Back Finish Cancel	
	N N	

Tip

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.

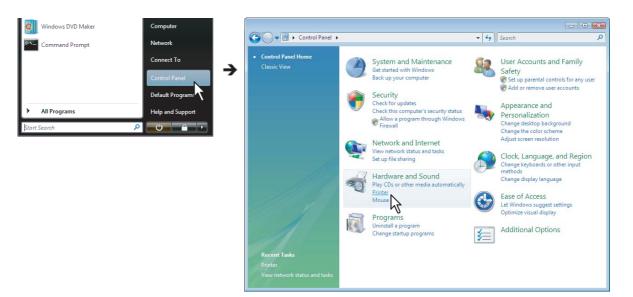
10 Open the printers folder.

When you are using Windows 7

Click [Start] and click [Devices and Printers] to open the [Devices and Printers] folder.

Snipping Tool Semote Desktop Connection Magnifier Solitaire	Games Computer Control Panel Devices and Printers Default Program
All Programs Search programs and files	Help and Support Shut down

• When you are using Windows Vista / Windows 2008 Server Click the start button, select [Control Panel] and click [Printer] under [Hardware and Sound] to open the [Printers] folder.



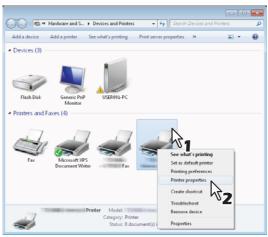
 When you are using Windows XP / Windows 2003 Server Click [Start] and click [Printers and Faxes] to open the [Printers and Faxes] folder.



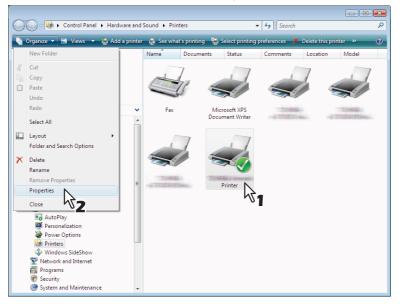
11 Open the printer driver properties dialog box.

• When you are using Windows 7

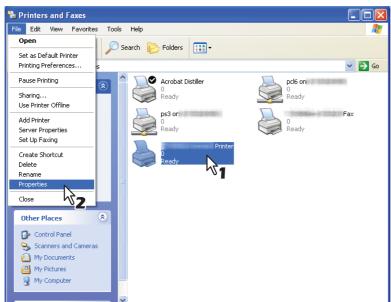
Select the installed printer driver and right-click to make the menu appear, then click [Printer properties].



 When using Windows Vista / Windows Server 2008 Select the installed printer driver. Click [Organize] and then [Properties].



• When using Windows XP / Windows Server 2003 Select the installed printer driver, and select [Properties] in the [File] menu.



12 Click the [Ports] tab and click [Add Port].

Port Descript V LPT1: Printer F LPT2: Printer F LPT3: Printer F COM1: Serial Pc COM2: Serial Pc	Port The Port	er Print	ter E	
LPT2: Printer F LPT3: Printer F COM1: Serial Pc	Port	Plin		
LPT3: Printer F COM1: Serial Po				
			=	
= coup _ c : in	ort			
COM2: Serial PC	ort			
COM3: Serial Po	ort			
COM4: Serial Po	ort		-	
Add Port Enable bidirectional		<u>C</u> onfig	ure Port	

The [Printer Ports] dialog box appears.

13 Select [Standard TCP/IP Port] and click [New Port].

rinter Ports	
Available port types:	
Local Port Standard TCP/IP Port	
31	
New Port Type	Port Cancel
	- 41

The [Add Standard TCP/IP Printer Port Wizard] dialog box appears.



15 Enter the IP address of this equipment in the [Printer Name or IP Address] box and click [Next].

Add port For which device do you want to ad	d a port?	1
Enter the Printer Name or IP ad	dress, and a port name for the desired devi	ce.
Printer Name or IP <u>A</u> ddress:	150.60.70.250	
Port Name:	150.60.70.250_1	
	12	
	< Back N	ext > Canc

- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS in the [Printer Name or IP Address] box.
- In the [Port Name] box, the port name is automatically entered according to the IP address or DNS name entered in the [Printer Name or IP Address] box. When installing on Windows XP / Windows Server 2003, "IP_" is added in front of the IP address that is displayed in the [Port Name] box.
- Enter the IPv6 address in the [Printer Name or IP Address] box when the MFP is connected in an IPv6 network.

Tips

 When the following dialog box is displayed on Windows XP / Windows Server 2003, select [Standard] and click [Next].



• When the following dialog box is displayed on Windows Vista / Windows 7 / Windows Server 2008, select [Standard] and click [Next].

The device	could not be identified.
The device is no	t found on the network. Be sure that:
1. The device is	
 The network The device is 	is connected. s properly configured.
The address	on the previous page is correct.
If you think the a the address and	ddress is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct,
If you think the a	ddress is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct,
If you think the a the address and select the device	ddress is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct,
If you think the a the address and select the device Device Type	ddtess is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct, type below.
If you think the a the address and select the device Device Type	ddfess is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct, type below. Generic Network Card

16 Click [Finish].

	Printer Port	the Add Standard TCP/IP Wizard port with the following characteristics.
111	SNMP;	Yes
	Protocoli	RAW, Port 9100
- 1	Device:	150.60.70.250
	Port Name:	150.60.70.250_1
	Adapter Type:	MEP07088510
	To complete this wit	zard, click Finish.
		< Back Finish Cancel

The screen returns to the [Printer Ports] dialog box.

17 Click [Close] to close the [Printer Ports] dialog box.

rinter Ports	
Available port types:	
Local Port	
Standard TCP/IP Port	
c	
New Port Type	New Port Close

18 Make sure the created Raw TCP or LPR port is checked in the [Print to the following port(s)] list.

	Sharing	Ports	Advanced	Color Management	security	Device Settings	
2	:-10	ALC: N	Print	er			
Print to	the foll	owina p	ort(s). Docu	ments will print to t	he first fr	ee.	
	d port.	oning p	origin bocu				
Port	1	Descript	ion	Printer			
		Serial Po					
		Serial Po					
FII FII		Print to I	File I TCP/IP Por				
			TCP/IP Por		Fa	×	
			Н ТСР/ІР Рон	t			
E XF	SPort: 1	Local Po	nt	Microsoft XP:	5 Docume	ent Writer	
	Add Por			elete Port	Confi	gure Port	
	Add For	<u></u>	<u> </u>	elete Polt	Count	gure Port	
Enal	ble bidire	ectional	support				
E <u>n</u> al	ble print	er poolir	ng				

Tip

When the LPD Print setting is enabled, you can also configure LPR printing. When you want to configure LPR printing, follow the procedure below.

1. Click [Configure Port].

Print to the t	Printe	r nents will print to the first free	_
checked por	t. Description	Printer	•
IP_150	Serial Port Print to File Standard TCP/IP Port Standard TCP/IP Port	Fax	
	. Standard TCP/IP Port : Local Port	Microsoft XPS Document Writer	
	directional support	lete Port	5
m ruante bi	inter pooling		

2. Select [LPR] at the [Protocol] group, enter "print" in the [Queue Name] box at the [LPR Settings] group, and then click [OK].

Port Settings				
Port Name:		150.60.70.25	L1	
Printer Name or IP Addre	552	150.60.70.25)	
Protocol				
© <u>R</u> aw			LPR	
Raw Settings			1	
Port Number:	9100		- 01	
LPR Settings Queue Name:	Print	2		J
SNMP Status Enable	d	2	2	
⊆ommunity Name:	public			
SNMP <u>D</u> evice Index	1			
			OKN	Cance

19 Click [Apply]. 20 Click [OK] to save the setting. Pinter Properties General Shairy Ports Advanced Color Management, Security Device Settings.

Port	t. Description	Printer		*	
COM2: COM3: COM4: FILE:	Serial Port Print to File			E	
IP_150	. Standard TCP/IP Port . Standard TCP/IP Port	17070840-17	20002345		
Add	. Standard TCP/IP Port	ete Port	<u>C</u> onfigure P	T	
	directional support inter pooling				

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

□ SMB printing

Install a printer driver by specifying the SMB port manually.

Notes

- It assumes using SMB printing in a small network. If you can use Windows XP, Windows Vista, Windows 7, Windows Server 2003, or Windows Server 2008 as a print server, it is recommended to set up for printing via Windows print server.
- Before starting the configuration, make sure that this equipment is connected to a network and also that its power is turned ON.
- If this equipment is not discovered over the network after the installation is started, a dialog box indicating this
 appears. Click [Continue] to continue the configuration.



7 Click [Browse].

Select the port fo elect an existing pri icking the Browse I	inter port from a dev	ice on network or sele	ct the network print	er that can be used by
elected printer port		IP_150.60.70.250		Biowse
Devices on Net	work			6
Printer Name	IP/IPX Address	SNMP Version	Location	PRINTER TYPE
-	150.60.70.250	V1/V2		2394886×873
٠ [ш		
) Use the followin	g port	LPT1:		*]

The [Browse for Printer] dialog box appears.

Tips

- If you know the IP address or the host name of this equipment, you can specify a printer port with the direct entry from the keyboard instead of clicking [Browse]. Enter a network path shown below in [Selected printer port], and then go to step 9.
 \\<IP address or host name>\print
- You may not be able to open the target MFP port via [Browse] button in OS such as Windows7, Windows Vista depending on the network environment. In this case, enter a network path shown below in [Selected printer port], and then go to step 9.
 \\<IP address or host name>\print

8 Select "print" for this equipment and then click [OK].

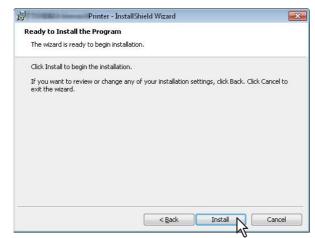


G Click [OK].

Select the port f	or printer.			
elect an existing p licking the Browse		ce on network or selei	ct the network prin	ter that can be used b
elected printer po	t	.v	nt	Biowse
Devices on Ne	twork			
Printer Name	IP/IPX Address	SNMP Version	Location	PRINTER TYP
+###B001255	150.60.70.250	V1/V2		173940Bak-873
•		III		
	ng port	_PT1:		¥

The Ready to Install the Program screen is displayed.

10 Click [Install].



Installation starts.

Tips

- Searching may take a while depending on the Windows OS or network environment.
- If a dialog box prompting you to confirm the setting of a printer for normal use appears, click [Yes] or [No].

Printer		23
Do you want to set the follow Printer	ing Printer as the De	fault Printer?
	Yes	No
		47

• If the [Windows Security] dialog box appears, click [Install this driver software anyway].

Windows Security	
	Don't install this driver software You should check your manufacturer's website for updated driver software for your device.
	 Install this driver software anyway Only install driver software obtained from your manufacturer's website or drisc. Unsigned software from other sources may harm your computer or steal information.
و چ	iee <u>d</u> etails

11 Confirm that the installation is completed, and then click [Finish].



Tips

- The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.
- Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the *Printing Guide* for the instructions.

□ Novell printing

Configure the printer port for Novell printing.

Notes

- · Information for connecting the NetWare print server will be required.
- If this equipment is not discovered over the network after the installation is started, a dialog box indicating this appears. Click [Continue] to continue the configuration.



7 Enter the queue name in the [Selected printer port] box, and click [OK]. For NDS/NDPS mode

Example: Root=Org, Context=dept1, queue name=mfp_queue

	Printer			
Select Port Select the port f	or printer			
Select the point	or princer.			
elect an existing p icking the Browse		vice on network or sele	ct the network prin	ter that can be used by
cking the browse	button.			
elected printer por	rt	\\Org\mfp_queue.dep	et1	Browse
			N	
Devices on Ne	twork			
Printer Name	IP/IPX Address	SNMP Version	Location	PRINTER TYPE
T hinter Maine				
				,
 ✓	ng port			- , - ,
•	ng port	III -		
•		III -		

For Bindery mode

Example: NetWare print server name=Nwsrv, queue name=mfp_queue

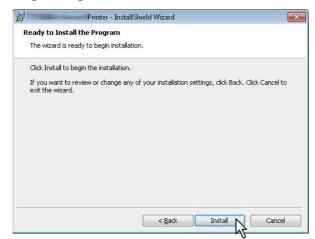
\\Nwsrv\mfp_queue

elect an existing p cking the Browse		ce on network or selec	at the network print	er that can be used by
elected printer por	t 💽	\Nwsrv\mfp_queue		Browse
Devices on Ne	twork		Ν	
Printer Name	IP/IPX Address	SNMP Version	Location V	
٠ [
■ Use the followi	ng port	.PT1:		•

Note

The queue for this equipment should be set up by an administrator. If you do not know the queue for this equipment, ask your administrator.

8 Click [Install].



Installation starts.

Tip

If a dialog box prompting you to confirm the setting of a printer for normal use appears, click [Yes] or [No].



9 Confirm that the installation is completed, and then click [Finish].

Printer - I	nstallShield Wizard	x
	InstallShield Wizard Completed	
3	The InstallShield Wizard has successfully installed Printer, Click Finish to exit the wizard.	
	♥ Show the readme file	
	< Back. Finish Cancel	

Tips

- The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.
- Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the *Printing Guide* for the instructions.

■ Installing the printer drivers from TopAccess

Perform installation corresponding to your Windows computer.

Notes

• To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

If Windows Vista / Windows 7 / Windows Server 2008 is used, you can perform the installation by temporarily changing the user account following the procedure below.

- Click the file name link for the printer driver.
- When the [User Account Control] dialog box is displayed, enter an administrator password, and then click [Yes] ([OK]).
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.

In TopAccess, click the [Install Software] link at the bottom of the screen.

Device	Job Status	Logs	Regist	ration	C	ounter			
Device								0	
Device								REFRESH	
			Device Inform	nation					
			Status			Ready			
			Name			ENRICTORIES	時行		
			Location						
			Copier Model			C72088809-S	二世由帝治3300		
			Serial Number			CLE000047			
			MAC Address			00:80:91:60	:29:7E		
			Main Memory S			2048 MB			
			Page Memory S			1024 MB			
			Save as File &		e Available	25973 MB			
			Fax Space Ava			978 MB			
Options			Contact Inform	ation		-			
Finisher	None		Phone Number			0			
Hole Punch Unit	None		Message						
Fax	None		Alerts			•			
Toner			Paper						
Yellow(Y)	100%	-	Drawer	Size	Тур	e	Capacity	Status	
Magenta(M)	100%	-	Drawer 1	A4	Plai	n	540	Near Empty	
Cyan(C)	75%	-	Drawer 2	A3	Plai	n	540	Near Empty	
Black(K)	75%	-	Drawer 3	A4	Plai	n	540	Near Empty	
			Drawer 4	B4	Plai	'n	540	Near Empty	

The Install Client Software page opens.

2 Click the file name link for installing the preferred printer driver.

pAccess		
Install Client Software		
rivers Unix Filters Macintosh PPD Files		
Please click on the link(s) below. The Driver installation wil	il be started automatically.	
File Name	Size	
Printer	1134(KB)	
Series PS3	1134(KB)	
Series XPS	1134(KB)	
Please click on the link(s) below to dow ad the Windows	s Installer Files.	
File Name	Size	
Install Client1	34134(KB)	

The installation begins, and the TCP/IP port is created automatically.

3 The installation is completed.

- The result of the installation is displayed on the task bar.
- The printer driver has been installed normally (when SNMP V1 and V2 are configured for your OKI MFP).



• The printer driver has been installed normally (when SNMP V3 is configured for your OKI MFP).



For instructions on how to check the SNMP settings, refer to "[SNMP Settings]" in the following section:

Other Installations

The following printing environments cannot be configured by installation using Software Installer or the individual installers contained in the Client Utilities CD-ROM (except USB printing in Windows 7). When you want to configure the following printing environments, see the following pages for each procedure.

P.75 "Raw TCP/LPR printing ("Add Printer" installation from file)"

P.80 "USB printing"

P.90 "IPP printing"

P.101 "Novell iPrint"

P.102 "Web Service Print"

Raw TCP/LPR printing ("Add Printer" installation from file)

This section describes how to set up the printer drivers for Raw TCP/LPR printing by using Add Printer Wizard. The following describes an installation on Windows 7.

Tip

Before installing the printer driver, check with your system administrator to make sure of the following:

- This equipment is connected to the network and turned on.
- The TCP/IP setting is correct on this equipment and your computer.

Notes

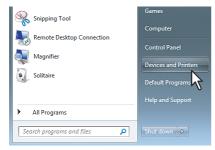
- To perform installation, you must log onto Windows with the "Administrator" account. However, even if you have logged on with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the installation by temporarily changing the user account.
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.

1 If not using the Client Utilities CD, save the print driver to a convenient location or USB Drive.

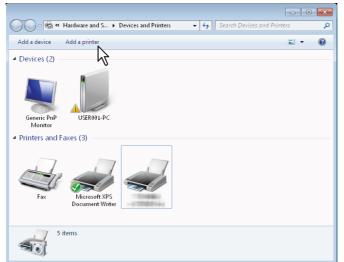
Tip

For information about the latest printer drivers, contact your service technician.

Click [Start] and click [Devices and Printers] to open the [Devices and Printers] folder.

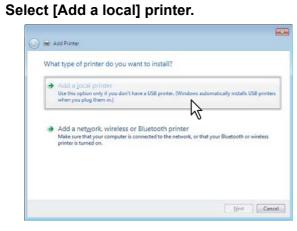




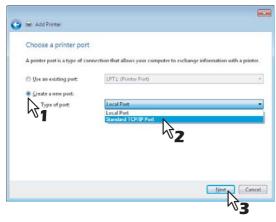


The [Add Printer] dialog box appears.

4



5 Select [Create a new port], and select [Standard TCP/IP Port]. Then click [Next].



6 Enter the appropriate Hostname or IP address, and click [Next].

Type a printer nostnar	ne or IP address
Device type:	TCP/IP Device
Hostname or IP <u>a</u> ddress:	172.16.16.32
Port name:	172.14.16.32
Cuery the printer and auto	amatically select the driver to use
To Breek on hunder and and	
C 2009 on launce and and	
E 2003 on lands and an	

7 Click [Have Disk].

🕒 👾 Add Pri	itter		
	e printer driver		
and the second s		re list. Click Windows Update to see more models. rinstallation CD, click Have Disk.	
Manufact	uer A	Printers	
Brother Canon Epson		Beother DCP-116C Beother DCP-117C Beother DCP-117C	-
FujiXeras		Beother DCP-129C	-
	river is digitally signed. It why driver signing is imp	Windows Update Have Disk	5
		[] Jest Can	cel

The [Install From Disk] dialog box appears.

8 Click [Browse].

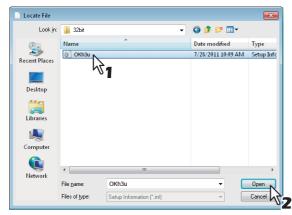


The [Locate File] dialog box appears.

Tip

When installing the printer driver using the Client Utilities CD-ROM, insert it into the CD-ROM drive. When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

9 Locate the directory where the preferred printer driver is saved, select the .inf file, and then click [Open].



Tip

When installing the printer driver using the Client Utilities CD-ROM, select the following folder: For the Windows computer 32-bit edition

- PCL Printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PCL6\32bit
- PS printer driver [Client Utilities CD-ROM]:\Client\Drivers\PS\32bit
- XPS printer driver
- [Client Utilities CD-ROM]:\Client\Drivers\XPS\32bit

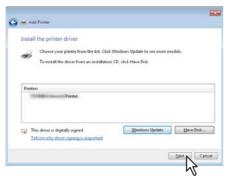
For the Windows computer 64-bit edition

- PCL Printer driver
- [Client Utilities CD-ROM]:\Client\Drivers\PCL6\64bit PS printer driver
- [Client Utilities CD-ROM]:\Client\Drivers\PS\64bit
- XPS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\XPS\64bit

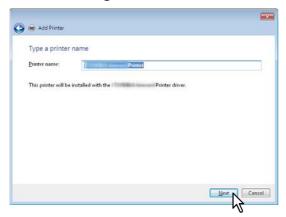
10 Confirm the file path and click [OK].



11 Confirm the correct driver has been selected and click [Next].



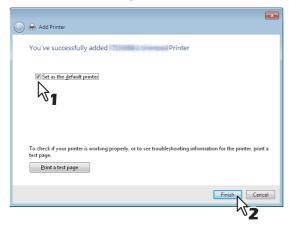
12 Confirm or change the Printer name and click [Next].



13 Select whether or not to share the printer to other network users, and click [Next].

0	📾 Add Printer	
	Printer Sharing	
	If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.	
(Dg not share this printer Share this printer so that others on your network can find and use it 	
	Spare name: Printer Printer Comment	
	Next Car	cel

14 Select whether using this printer as a default printer, and click [Finish].



The printer driver is installed.

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the *Printing Guide* for the instructions.

USB printing

This section describes how to set up the printer drivers when this equipment is connected with a USB cable on Windows XP / Windows Vista / Windows 7 / Windows Server 2003 / Windows Server 2008.

The procedure to install the printer driver for USB printing differs depending on the version of Windows used.

P.80 "Windows 7"

- P.84 "Windows Vista / Windows Server 2008"
- P.87 "Windows XP / Windows Server 2003"



- Use a USB2.0 Hi-Speed certified cable: USB cable supporting the USB2.0 Hi-Speed mode (480 Mbps of transfer speed) certified by the USB Implementers Forum.
- Connect the equipment with a PC directly by the USB cable. When it is connected with a PC via a USB hub, the
 equipment may not be recognized.

U Windows 7

You can install a printer driver for USB printing in Windows 7 by using Software Installer contained in the Client Utilities CD-ROM.

Notes

- To perform installation, you must log onto Windows with the "Administrator" account. However, even if you have logged on with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the installation by temporarily changing the user account.
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.
- Power on this equipment and your computer.

2 Connect the USB cable to this equipment and your computer.

Insert the Client Utilities CD-ROM into the CD-ROM drive.

If Software Installer does not automatically start, use the Explorer to open the "Setup" folder in the Client Utilities CD-ROM and double-click "Setup.exe".

▲ Select [I agree to the terms of the License Agreement.] and click [Next].

Software Installer	
OKI	Software Installer
elect Language:	
English	
icense Aareement:	
license Agreement: Nease read the license agre	ement carefully.
Software License Agreeme	•
this software.	terms of this Software License Agreement ("Agreement"), you may not use
contained in the storage m indicating your acceptance	it carefully before surprised Software". By installing the Licensed Software, you are e of these terms and conditions and this Agreement is deemed effective and Oki Data Corporation ("Licensor").
	isee accepts, a non-exclusive license to install the Licensed Software on re directly or through network connected to Licensor's printer product or
l agree to the terms of th	e License Agreement
to not agree to the terr	ns of the License Agreement.
	Next
	N 2

- To change the display language, select a desired language from the [Select Language] box.
- The main menu is displayed.

5 Click [Printer Driver] or [Custom Install].

OKI Software Installer	×
OKI Software In	staller
	Ver.1.01
Recommended	Setup will install the printer driver on this computer.
Printer Driver	
Scan Utility	
Fax Driver	
Custom Install	
Oran Adult Eddar	
 Open Admin Folder Open ReadMe File 	
	Exit

Printer Driver — This option allows you to install only the PCL Printer driver. When you select it, proceed to step 7. **Custom Install** — This option allows you to select the printer drivers and utilities which you want to install. When you select it, proceed to step 6.

Note

When you want to install the PS printer driver and XPS printer driver, perform installation from [Custom Install] or by using the individual installers.

P.55 "Installing the printer drivers by using the individual installers"

6 When you have selected [Custom Install] in step 5, select the software items which you want to install, and then click [Next].

OKI	Software	Installer	
OKI	contrare	linotarior	
Custom Install:			
	MFP(PCL)		
2.34446239482	MFP(PS)		
Scarrotility	MFP(XPS)		
	MFP(TWAIN)		
Remote Sca			
Fax Driver	MFP		
239460993	MFP(FAX)		
AddressBook	(Viewer		
This printer driver is suit calculation.	able for printing from a genera	al application, such as word processing	or
c.			
		Next.	
			Cancel

You can install the following printer drivers:

- PCL Printer Driver
- PS Printer Driver
- XPS Printer Driver

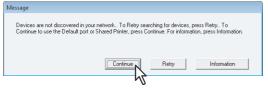
7 Confirm the list of the software to install and click [Install].



Installation starts.



Since the result message of the detection is displayed, click [Continue].



9 Select [Use the following port] and "USBxxx" (xxx are numbers). Then click [OK].

OKI Software Insta	ller			
OKI	Soft	vare Instal	ler	
Select an existing print clicking the Browse bu		in network or select th	e network printer that	can be used by
Selected printer port	USB001			Browse
C Devices on Netwo	ırk			
Printer Name	IP/IPX Address	SNMP Version	Location	Printer Type
Use the following p USB001 SNMP Settings			ОК	Cancel
			h	\$7

Tips

• If a dialog box prompting you to confirm the setting of a printer for normal use appears, click [Yes] or [No].



• If the [Windows Security] dialog box appears, click [Install this driver software anyway].



10 Confirm that the installation is completed, and then click [Finish].

OKI Software Installer		
OKI	Software Installe	ər
The following components		
✓ MFP(PC)	L)	
		Cancel

Tip

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.

11 Click [Exit].

When a message appears asking whether to finish the installation, click [Yes].

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

U Windows Vista / Windows Server 2008

You can install a printer driver for USB printing in Windows Vista / Windows Server 2008 by Plug and Play.

Notes

- To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation
 and uninstallation of client software. However, if you have logged on with a user account other than "Administrator",
 entering an administrator password upon display of the [User Account Control] dialog box enables you to perform
 the installation by temporarily changing the user account.
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.
- Power on this equipment and your computer.
- Connect the USB cable to this equipment and your computer.
- The [Found New Hardware] dialog box appears.
- Click [Locate and install driver software (recommended)].



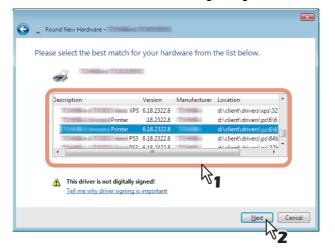
When the confirmation dialog box for online search is displayed, click [Don't search online].

▲ Insert the Client Utilities CD-ROM into the CD-ROM drive.



When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

5 The printer drives are automatically detected and displayed in the list. Select a printer driver to be installed and click [Next].

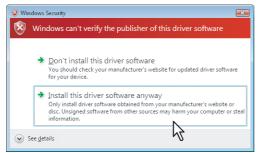


Notes

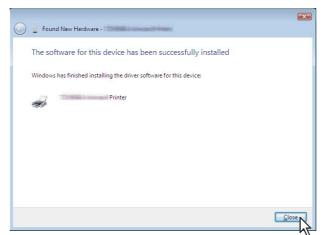
- All available drivers are listed. If a wrong driver is installed, printing may not be performed properly. When using the Windows computer 32-bit edition, select the following folder:
 - PCL Printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PCL6\32bit
 - PS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PS\32bit
 - XPS printer driver

[Client Utilities CD-ROM]:\Client\Drivers\XPS\32bit

- When using the Windows computer 64-bit edition, select the following folder:
- PCL Printer driver
- [Client Utilities CD-ROM]:\Client\Drivers\PCL6\64bit - PS printer driver
- [Client Utilities CD-ROM]:\Client\Drivers\PS\64bit - XPS printer driver
- [Client Utilities CD-ROM]:\Client\Drivers\XPS\64bit
- If the following message appears, click [Install this driver software anyway] to proceed with the installation.



6 Click [Close].



7 The installation is completed.

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the *Printing Guide* for the instructions.

U Windows XP / Windows Server 2003

You can install a printer driver for USB printing in Windows XP / Windows Server 2003 by Plug and Play.

Note

To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

Power on this equipment and your computer.

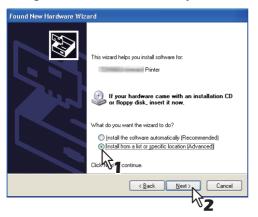
2 Connect the USB cable to this equipment and your computer.

The [Found New Hardware Wizard] dialog box appears.

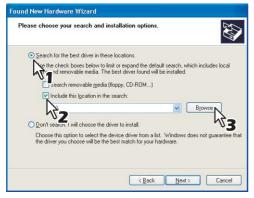
3 Select [No, not this time] and click [Next].

Found New Hardware Wizard		
	Welcome to the Found New Hardware Wizard Vindows will search for current and updated software by looking on yous computer, on the hardware nataliation CD, or on the Vindows Update V4b site (with your permission). Read our privacy policy	
	Can Windows connect to Windows Update to search for software? Q Yes, this time only Q Yes, now and every time I connect a device No, not this time Click Next to continue.	
< Back Next > Cancel		
	N2	

A Select [Install from a list or specific location (Advanced)] and click [Next].



5 Select [Search for the best driver in these locations.] and select only the [Include this location in the search] check box. Then click [Browse].



The [Browse For Folder] dialog box appears.

6 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

7 Locate the directory where the printer driver is located and click [OK].



- When using the Windows computer 32-bit edition, select the following folder:
 - PCL Printer driver [Client Utilities CD-ROM]:\Client\Drivers\PCL6\32bit
 - PS printer driver
 [Client Utilities CD-ROM]:\Client\Drivers\PS\32bit
 - XPS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\XPS\32bit
- When using the Windows computer 64-bit edition, select the following folder:
 - PCL Printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PCL6\64bit
 - PS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PS\64bit XPS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\XPS\64bit

8 Click [Next].

-

Please ch	oose your search and installation options.
<u>⊙ S</u> ea	rch for the best driver in these locations.
	the check boxes below to limit or expand the default search, which includes local is and removable media. The best driver found will be installed.
C	Search removable media (floppy, CD-ROM)
E	Include this location in the search:
	E:\Client\Drivers\PS\32bit Browse
O Dor	't search. I will choose the driver to install.
	ose this option to select the device driver from a list. Windows does not guarantee t driver you choose will be the best match for your hardware.
	Cancel

The screen for choosing the printer driver is displayed.

9 Select the printer driver to be installed, and click [Next].



• If the following message appears, click [Continue Anyway] to proceed with the installation.



· It starts copying files.

10



Finish

11 The installation is completed.

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

■ IPP printing

This section describes how to set up the printer drivers for IPP printing which is available for Internet connection. To set up the printer drivers for IPP printing, install the printer drivers by Add Printer Wizard.

Tip

Before installing the printer driver for IPP printing, check with your system administrator to make sure of the following:

- This equipment is connected to the network and turned on.
- The TCP/IP setting is correct on this equipment and your computer.

The procedure to install the printer driver for IPP printing differs depending on the version of Windows used.

P.90 "Windows Vista / Windows 7 / Windows Server 2008"

P.96 "Windows XP / Windows Server 2003"

U Windows Vista / Windows 7 / Windows Server 2008

You can install a printer driver for IPP printing in Windows Vista / Windows 7 / Windows Server 2008 using the Add Printer Wizard.

Perform installation corresponding to your Windows computer.

Notes

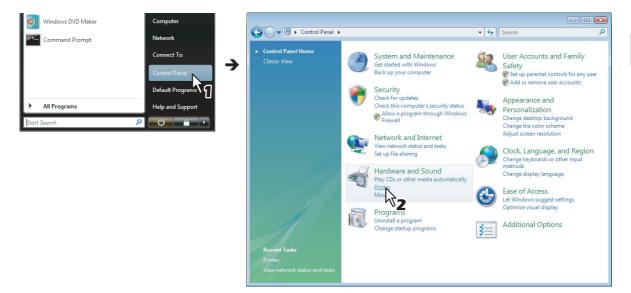
- To perform installation, you must log onto Windows with the "Administrator" account. However, even if you have logged on with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the installation by temporarily changing the user account.
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.
- The certificate must be installed on both MFP and Windows Vista to perform IPP SSL printing from Windows Vista. For instructions on how to install the certificate, refer to **TopAccess Guide**.

1 Open the printers folder.

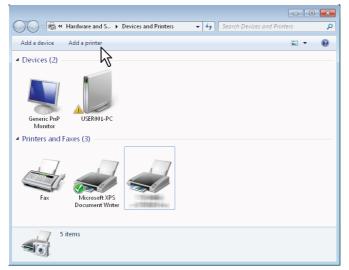
- When you are using Windows 7
 - Click [Start] and click [Devices and Printers] to open the [Devices and Printers] folder.

Snipping Tool	Games
Remote Desktop Connection	Computer
Magnifier	Control Panel
	Devices and Printers
Solitaire	Default Programs
	Help and Support
All Programs	
Search programs and files	Shut down 🕨

 When you are using Windows Vista / Windows 2008 Server Click the start button, select [Control Panel] and click [Printer] under [Hardware and Sound] to open the [Printers] folder.



2 Click [Add a printer].



The [Add Printer] dialog box appears.

3

Select [Add a network, wireless or Bluetooth printer].

+	Add a local printer
	Use this option only if you don't have a USB printer. (Windows automatically installs USB printe when you plug them in.)
	Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on.

▲ Select [The printer that I want isn't listed].

No printers were found.		
Printer Name	Address	
		Search again

5 Select the [Select a shared printer by name] check box, enter "http://[IP address]:631/ Print" in the edit box in [Find by printer name or TCP/IP address] screen.

and the second second	ame or TCP/IP addre	55	
Browse for a printer Select a shared printer	by name		
http://150.60.70.	235.54 - 28/A		Browse
	itemame\printemame or ame/printers/printemame/	printer	
🖱 Add a printer using a	TCP/JP address or hostnam	e	

- Enter the IP address of this equipment instead of [IP address]. Example: IP address = 192.168.1.2 http://192.168.1.2:631/Print
- Enter the IPv6 address in the [Printer Name or IP Address] box when the MFP is connected in an IPv6 network.
- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or
 - WINS instead of [IP address]. Example: Print Server Name = Mfp-05212774 http://Mfp-05212774:631/Print
- When you connect from the Internet, enter the FQDN of this equipment provided from DNS instead of [IP address].

Example: URL = mfp_05212774.oki.com http://mfp_05212774.oki.com:631/Print

Note

"P" for "Print" in the IPP URL must be capitalized. The IPP port can be created by entering "print" (noncapitalized) in the IPP URL, but the print job cannot be sent to the equipment. In that case, delete the IPP port and then create the IPP port correctly again.

Tips

- If the IPP Port80 Enabled option is enabled on this equipment, you can exclude the port number from the URL. (i.e. "http://192.168.1.2/Print")
- If the Enable SSL option for IPP Print is enabled, you must enter "https://[IP address]:[SSL port number]/ Print" in the edit box. (i.e. "https://192.168.1.2:443/Print")



Click [Next].

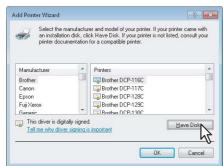
A dialog box appears to confirm the connection with the specified MFP. Wait until completion.

Note

When the Authentication setting for IPP Print is enabled, the dialog box to enter a user name and password appears. If this dialog box appears, enter the user name and password and click [OK]. For the user name and password, ask your administrator.

Configure Internet Port	
Mttp://10.10.70.120:631/Print	
Security options	
Use anonymous account	
 Automatically use the Windows logon name and password (and domain if any) 	
Use the specified user account	
User Name user	
Password ••••••	
Use the same security setting for all user 1	

7 Click [Have Disk].



The [Install From Disk] dialog box appears.

8 Click [Browse].

Install Fro	m Disk	×
-	Inset the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	Browse
		DIOWSE.

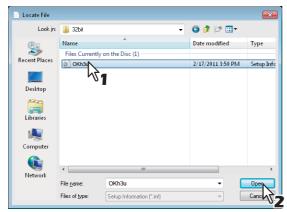
The [Locate File] dialog box appears.



Insert the Client Utilities CD-ROM into the CD-ROM drive.

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

10 Locate the directory where the printer driver is located, select the .inf file, and then click [Open].



- When using the Windows computer 32-bit edition, select the following folder:
 - PCL Printer driver
 [Client Utilities CD-ROM]:\Client\Drivers\PCL6\32bit
 - PS printer driver
- [Client Utilities CD-ROM]:\Client\Drivers\PS\32bit
- When using the Windows computer 64-bit edition, select the following folder:
- PCL Printer driver [Client Utilities CD-ROM]:\Client\Drivers\PCL6\64bit
- PS printer driver [Client Utilities CD-ROM]:\Client\Drivers\PS\64bit

11 Click [OK].



12 Select the printer driver and click [OK].



When the [Windows Security] dialog box is displayed, click [Install this driver software anyway] to continue the installation.

13 Click [Next].

Add Printer	
You've successfully added	on http://150.60.70.250:631
Printer name:	0.70.250:631
This printer has been installed with the	Printer driver.
The print of a second se	

Tip

If the Printer Sharing dialog box is displayed, select whether to share the equipment with other users on your network and then click [Next].

- Change the share name or enter the location and comments as required.

1 Select whether using this printer as a default printer, and click [Finish].

🕞 🖨 Add Printer
You've successfully added Herofold in http://150.60.70.250:631
Image: Set as the default printed Image: Set as the default printed
To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.
Finish

The printer driver is installed.

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the **Printing Guide** for the instructions.

□ Windows XP / Windows Server 2003

You can install a printer driver for IPP printing in Windows XP / Windows Server 2003 using the Add Printer Wizard.

Note

To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

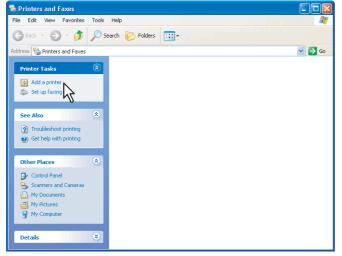
1

Click [Start] and click [Printers and Faxes] to open the [Printers and Faxes] folder.

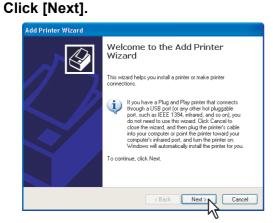


2

Click the [Add a printer] in the Printer Tasks menu.

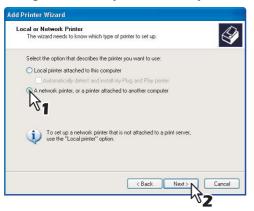


The [Add Printer Wizard] dialog box appears.

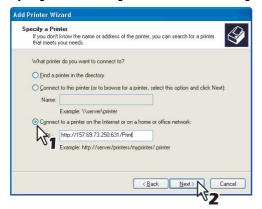


3

▲ Select [A network printer, or a printer attached to another computer] and click [Next].



Select [Connect to a printer on the Internet or on a home or office network], and enter "http://[IP address]:631/Print" in the [URL] field.



- Enter the IP address of this equipment instead of [IP address]. Example: IP address = 192.168.1.2 http://192.168.1.2:631/Print
- Enter the IPv6 address in the [Printer Name or IP Address] box when the MFP is connected in an IPv6 network.
- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS instead of [IP address].

Example: Print Server Name = Mfp-05212774 http://Mfp-05212774:631/Print

When you connect from the Internet, enter the FQDN of this equipment provided from DNS instead of [IP address].

Example: URL = mfp_05212774.oki.com http://mfp_05212774.oki.com:631/Print

Note

"P" for "Print" in the IPP URL must be capitalized. The IPP port can be created by entering "print" (noncapitalized) in the IPP URL, but the print job cannot be sent to the equipment. In that case, delete the IPP port and then create the IPP port correctly again.

Tips

- If the IPP Port80 Enabled option is enabled on this equipment, you can exclude the port number from the URL. (i.e. "http://192.168.1.2/Print")
- If the Enable SSL option for IPP Print is enabled, you must enter "https://[IP address]:[SSL port number]/ Print" in the "URL" field.
 (i.e. "https://102.169.1.2:442/Print")

(i.e. "https://192.168.1.2:443/Print")



Click [Next].

The [Add Printer Wizard] dialog box appears.

Note

When the Authentication setting for IPP Print is enabled, the dialog box to enter a user name and password appears. If this dialog box appears, enter the user name and password and click [OK]. For user name and password, ask your administrator.

Configure Internet Po	ort 🛛 🔀
https://10.10	70.120:443/Print
Security options	
O Use anonymous	
 Automatically use domain if any) 	the Windows logon name and password (and
 Use the specified 	l user account
User Name	user
Password	•••••
Use the same security	setting for all users
	OK Cancel

7 Click [Have Disk].



The [Install From Disk] dialog box appears.

8	Click	[Browse]



The [Locate File] dialog box appears.

9 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

10 Locate the directory where the printer driver is located, select the inf file, and click [Open].

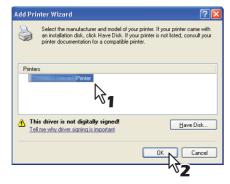


- When using the Windows computer 32-bit edition, select the following folder:
 - PCL Printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PCL6\32bit
 - PS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PS\32bit
- When using the Windows computer 64-bit edition, select the following folder:
 - PCL Printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PCL6\64bit
 - PS printer driver
 - [Client Utilities CD-ROM]:\Client\Drivers\PS\64bit

11 Click [OK].

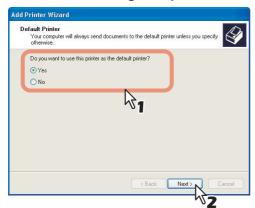
Install F		
J	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	
	E:\Client\Drivers\PCL6\32bit	Browse

12 Select the printer driver and click [OK].



- If any other printer driver(s) had already been installed on your computer, the Default Printer screen is displayed. Continue to next step.
- If no printer driver had been installed on your computer, the complete screen is displayed. Skip to step 14.

13 Select whether using this printer as a default printer and click [Next].



14 Click [Finish].



The printer driver is installed.

Note

Before using the printer driver for printing, configure the installed options of the equipment and department code (if required) on the printer driver. Refer to the *Printing Guide* for the instructions.

Novell iPrint

This section describes how to install the printer drivers for Novell iPrint.

To install the printer driver for Novell iPrint on the client computer, download and install the Novell iPrint Client and printer driver from the NetWare print server.

Notes

- To set up the Novell iPrint in the client computers, the NetWare print server must be configured for iPrint first.
- Before installing the printer driver for Novell iPrint, make sure the following environments are satisfied in your computer.
 - Microsoft Internet Explorer 5.0 or later or Netscape 4.76 is installed (Novell iPrint is not supported on Netscape 6).
 - JavaScript must be enabled on the web browser.
- The certificate is required to login during the Novell iPrint installation when the SSL security is enabled on the NetWare print server.

Start your web browser and enter the following URL in the address bar.

http://<IP address or DNS for NDPS Manager>/ipp

Notes

- If you do not know the IP address or DNS for NDPS Manager, ask your network administrator.
- If the IP address or DNS is secured using SSL, enter the URL address as following: https://<IP address or DNS for NDPS Manager>/ipps
- 2 If the iPrint Client is not installed on your computer, you are prompted to install it.

3 Click the printer that you want to install from the list of available printers that is displayed in the iPrint web page.

The selected printer driver is installed on your computer.

Web Service Print

This equipment supports the WSD (Web Services on Devices) protocol installed in Windows Vista / Windows 7 / Windows Server 2008. The following descries how to install a printer driver using the WSD protocol. The procedure to install the printer driver differs depending on the version of Windows used.

P.102 "Windows 7"

P.104 "Windows Vista / Windows Server 2008"



- To perform installation, you must log onto Windows with the "Administrator" account. However, even if you have
 logged on with a user account other than "Administrator", entering an administrator password upon display of the
 [User Account Control] dialog box enables you to perform the installation by temporarily changing the user account.
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.
- To begin the installation, you must first install the printer driver to your computer.
 For instructions on how to install it to your computer, see the following page:
 P.36 "Installing the Printer Drivers"
- A driver for Web Services Scanning is automatically installed as well as the client software.

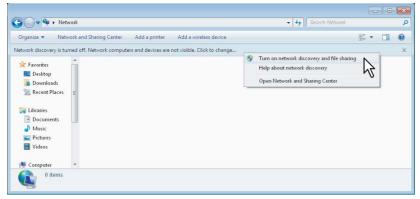
U Windows 7

Follow the steps below to install a printer driver on Windows 7.

1 Click the start button, select [Computer] and click [Network] to open the [Network] screen.

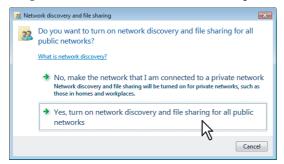
Snipping Tool	Games	Computer >	 ✓ 49 Search Computer 	<u>ح</u> ا
Magnifier Solitaire Command Prompt All Programs	Computer Control Panel Devices and Printers Default Programs Help and Support	Organize ▼ System properties Uninstall or change Image: Second Places ▲ Hard Disk Drives (1) – Image: Documents ▲ Local Disk (C) Image: Documents ▲ Aut GB free of 18.5 Image: Disk (C) ▲ Devices with Removab Image: Disk (C) ■ Devices with Removab Image: Disk (C) ■ Devices with Removab	9 G8 Jele Storage (3)	E
Search programs and files	Shut down + D	Computer Local Disk (C:) DVD/CD-RW Driv. Removable Disk (Removable Disk	MB ;)	

- Go to step 4 if the Network discovery is enabled.
- · Go to the next step if the Network discovery is disabled.
- 2 Click [Network discovery is turned off. Network computers and devices are not visible. Click to change]. Then select [Turn on network discovery and file sharing].



The [Network discovery and file sharing] dialog box appears.

3 Click [Yes, turn on network discovery and file sharing for all public networks].



Connected computers and icons of the multifunction devices are displayed in the [Network] screen.

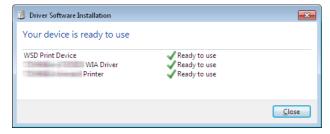
4 Select the icon of the multifunction device of the equipment and right-click to make the menu appear, then click [Install].

		×
😋 🔵 🗢 🖣 🕨 Network	Search Network	۶
Organize 👻 Install	Network and Sharing Center Add a printer Add a wireless device 📴 🔻 🗍	?
🔶 Favorites	USER001-PC	
💻 Desktop 🚺 Downloads	Multifunction Devices (7)	
🖳 Recent Places ≡		
⇒ Libraries Documents Music		
📄 Pictures 🛃 Videos		
1텔 Computer 🏝 Local Disk (C:) 🖕	🐲 Install	
Multi	-Functional Printer View device webpage 🔏 es	
2	Create shortcut	
	Properties	_

The installation begins.

Tip

You can check the current installing status by clicking the balloon message at the bottom right of the screen.

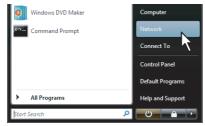


5 The installation is completed.

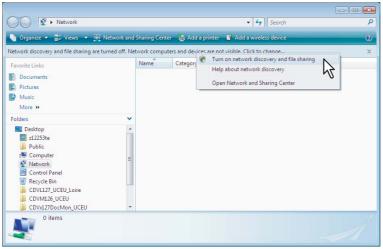
U Windows Vista / Windows Server 2008

Follow the steps below to install a printer driver on Windows Vista / Windows Server 2008.

1 Click the start button and click [Network] to open the [Network] screen.



- Go to step 4 if the Network discovery is enabled.
- Go to the next step if the Network discovery is disabled.
- 2 Click [Network discovery and file sharing is turned off. Network computers and devices are not visible. Click to change]. Then select [Turn on network discovery and file sharing].



The [Network discovery and file sharing] dialog box appears.

3 Click [Yes, turn on network discovery and file sharing for all public networks].

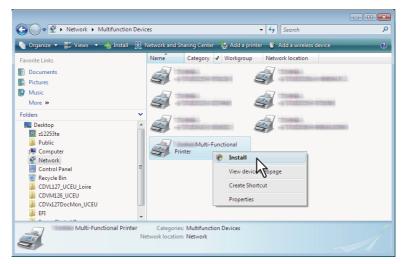


Connected computers and icons of the multifunction devices are displayed in the [Network] screen.

Select the icon of the multifunction device of the equipment and right-click to make the Δ menu appear, then click [Install].

Tip

You can display only the multifunction devices by checking [Multifunction Devices] on the [Category] box.



[PnPX Device Association] is displayed on the task bar.

Click [PnPX Device Association] on the task bar. 💮 🖃 🖄 🦉 Netv 5

The [Found New Hardware] dialog box appears.

Tip

5

6

You can check the current installing status by clicking the balloon message at the bottom right of the screen.

Click [Locate and install driver software (recommended)].

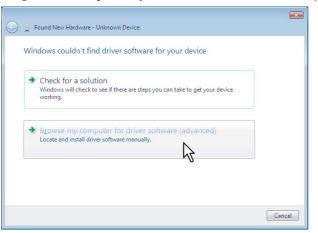


The [Found New Hardware - Unknown Device] dialog box appears.

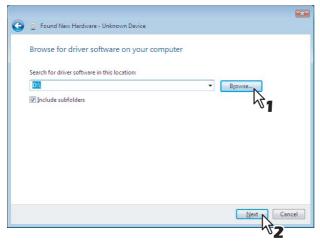
Tip

When the confirmation dialog box for online search is displayed, click [Don't search online].

7 Click [Browse my computer for driver software (advanced)].



8 Set the Client Utilities CD-ROM to the CD-ROM drive, click [Browse] to specify the position of the CD-ROM drive and then click [Next].



When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

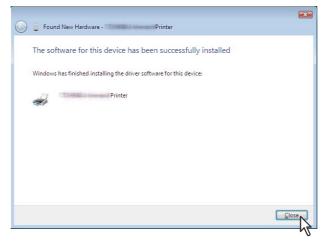
9 Select the printer driver to be installed, and then click [Next].

3	D Found New Hardware - Unknown Device	×			
	Please select the best match for your hardware from the list bel	ow.			
	P53 6.18.2322.8 dr\client\cli	Inivers\ps\32 Inivers\ps\64 Inivers\\6 Inivers\\6			
▲ This driver is not digitally signed! Tell me why driver signing is important					
	C	Next Cancel			

Note

When the [Windows Security] dialog box is displayed, click [Install this driver software anyway] to continue the installation.

The installation is completed.



Copying the PPD File for Windows

The Client Utilities CD-ROM contains a printer description file for popular Windows applications. For applications not allowing the automatic installation of PPD files, copy the PPD file to a proper directory in order to enable printer-specific settings in the [Print] dialog box or the [Page Setup] dialog box.



Insert the Client Utilities CD-ROM into the CD-ROM drive.

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it.

2 Open the following folder that contains the PPD file for Windows.

- [Client Utilities CD-ROM]:\Client\Drivers\WinPPD\2-sided_default This PPD file enables to set 2-sided printing by default.
- [Client Utilities CD-ROM]:\Client\Drivers\WinPPD\normal This PPD file enables to set 1-sided printing by default.

Tips

- When this equipment is used in Europe, use the PPD file enabling 2-sided printing by default.
- Choose either "OKI6D_e.PPD" or "OKI6D_g.PPD" depending on the model to be used. ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP: Use the "OKI6D_e.PPD" file. ES9160 MFP/ES9170 MFP: Use the "OKI6D_g.PPD" file.

2 Copy the PPD file (*.ppd) to the appropriate location.

Tip

For a proper directory to which the PPD file is to be copied, refer to the manual of the application.

Uninstalling Printer Drivers

The following instructions describe how to uninstall a printer driver.

The procedure to uninstall the printer driver differs depending on the version of Windows used.

- P.109 "Windows 7"
- P.111 "Windows Vista / Windows Server 2008"
- P.114 "Windows XP / Windows Server 2003"

Windows 7

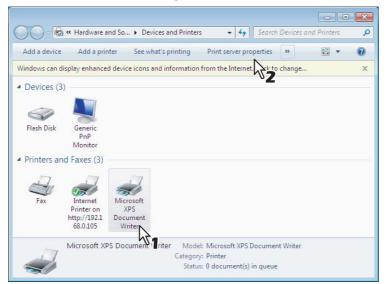
Follow the steps below to uninstall a printer driver from Windows 7.

Notes

- To perform uninstallation, you must log onto Windows with the "Administrator" account. However, even if you have logged on with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the uninstallation by temporarily changing the user account.
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.
- **1** Click [Start] and click [Devices and Printers] to open the [Devices and Printers] folder.
- 2 Right click on the printer to be deleted and select [Remove device] from the menu displayed.

When the confirmation dialog box for deletion is displayed, click [Yes].

3 Select one of the remaining printer icons and click [Print server properties].

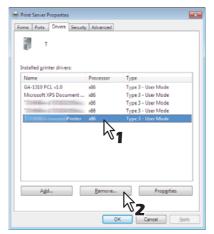


The [Print Server Properties] dialog box appears.

▲ Display the [Drivers] tab and click [Change Driver Settings].

🖶 Print Server Properties		
Forms Ports Drivers Security	Advanced	
Installed grinter drivers:		
Name	Processor	Туре
GA-1310 PCL v1.0	x86	Type 3 - User Mode
Microsoft XPS Document		Type 3 - User Mode
100000 y 2010002000x.	×86	Type 3 - User Mode
Troubles a United States	×86	Type 3 - User Mode
Printer	×86	Type 3 - User Mode
A <u>d</u> d	Remove	Properties
Change Driver Setting	e	
N		
2	08	Cancel Apply
∿2		

5 Select the printer driver to be deleted and click [Remove].



The [Remove Driver And Package] dialog box appears.

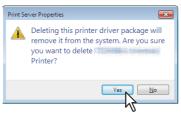


Select [Remove driver and driver package] and click [OK].



The [Print Server Properties] dialog box appears.

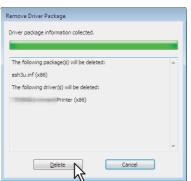
7 Click [Yes].



The "Driver package information collected." message is displayed.



Click [Delete].



The "Driver package deleted." message is displayed.

Click [OK].

Remove Driver Package	
Driver package deleted.	
Driver Printer was removed, Package esh3u.nf was removed.	*
Delete OK	Ŧ

10 Close the [Print Server Properties] dialog box.

Windows Vista / Windows Server 2008

Follow the steps below to uninstall a printer driver from Windows Vista / Windows Server 2008.

Notes

- To perform uninstallation, you must log onto Windows with the "Administrator" account. However, even if you have logged on with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the uninstallation by temporarily changing the user account.
- Even when you have logged on Windows with the "Administrator" account, the [User Account Control] dialog box may appear. In this case, click a button for allowing the operation, such as [Continue], and then continue.
- 1 Click [Start], select [Control Panel] and click [Printer] under [Hardware and Sound] to open the [Printers] folder.
- **2 Right click on the printer to be deleted and select [Delete] from the menu displayed.** When the confirmation dialog box for deletion is displayed, click [Yes].
- **3** Right click in the blank area in the [Printers] window and click [Run as administrator] and then [Server Properties] in the menu displayed.

Organize 🔻 📲 Views	🔻 🕌 Ad	d a printer					
ivorite Links	Name	Docum	ents Status	Commen	ts Location	Model	
Documents Pictures Music More »	Fa O R	eady		Write 0	osoft XPS Documen er	t	
olders 💌			View	Þ			
Admin ^			Sort By	•			
P Computer			Group By Stack By				
Control Panel			Refresh				
Administrative			Paste				
AutoPlay Backup and Re			Paste Shortcut				
BitLocker Drive		۲	Run as administr	ator 🕨	Add Printer		
Default Progra Ease of Access			Add Printer		Server Properties		
Fonts			Server Properties			ht -	

The [Print Server Properties] dialog box appears.

4 Display the [Drivers] tab and select the printer drivers to be deleted. Then click [Remove].

Print Server Properties			×
Forms Ports Drivers Ad	lvanced		
Installed printer drivers:			
Name	Processor	Туре	
Microsoft XPS Documen	x86 x86 x86 x86 x86 x86 x86 x86	Type 3 - User Mode Type 3 - User Mode	
A <u>d</u> d	<u>R</u> emove	Properties	
	OK	1 ¹ 3.el AP	ply

The [Remove Driver And Package] dialog box appears.

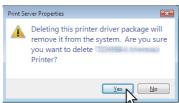


Select [Remove driver and driver package] and click [OK].

Remove Driver And Package
Do you want to remove the driver(s) only, or remove the driver(s) and driver package(s) from your system?
Remove driver only.
Remove driver and driver package.

The [Print Server Properties] dialog box appears.

6 Click [Yes].



The "Driver package information collected." message is displayed.

7 Click [Delete].



The "Driver package deleted." message is displayed.

8 Click [OK].



9 Close the [Print Server Properties] dialog box.

Windows XP / Windows Server 2003

Follow the steps below to uninstall a printer driver from Windows XP / Windows Server 2003.

Note

To perform uninstallation, you must log onto Windows with the "Administrator" account.

Click [Start] and click [Printers and Faxes] to open the [Printers and Faxes] folder.

2 Right click on the printer to be deleted and select [Delete] from the menu displayed. When the confirmation dialog box for deletion is displayed, click [Yes].

3 Click the [File] menu and select [Server Properties].

🖏 Printers and Faxes		
File Edit View Favorites To	ools Help	ni na 🖉
Add Printer Server Properties Set Up Faxing	Search 🎼 Folders	
Create Shortcut Delete Rename Properties	×	💌 🋃 Go
Close		
See Also Troubleshoot printing Get help with printing	1	
Other Places 📚		
Control Panel Scanners and Cameras My Documents My Pictures My Computer	×	

The [Print Server Properties] dialog box appears.

4 Select the [Drivers] tab. Select the printer drivers that you want to delete, and click [Remove].

🎍 Print Server Propertie	es		? 🔀
Forms Ports Drivers Ac	lvanced		
Name AdobePS Acrobal Distiller GA-1211 PS VI.0 OKI MICROLINE 1035PS OKIPAGE 24DX PS	Environment Intel Intel Intel Intel Intel Intel Intel Intel Intel	Version Windows 2000 or XP Windows 2000 or XP	00
		Windows 2000 or XP	ies .pply

The [Print Server Properties] dialog box appears.

Print Ser	ver Properties	X
?	Deleting this printer driver will remove it from the system. Are you sure you want to delete	Printer?
	<u>Yes</u> <u>No</u>	
	M	

The printer driver is completely deleted.

INSTALLING PRINTER DRIVERS FOR MACINTOSH

This chapter provides instructions on how to install client software for Macintosh.

About the Installation	116
About client software for Macintosh	
Planning for installation	
Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.7.x	117
Installing the Macintosh PPD file	
Installing plug-ins (Mac OS X 10.4 or later)	
Configuring the printer on Mac OS X 10.6.x to 10.7.x	
Configuring the printer on Mac OS X 10.5.x	131
Configuring the printer on Mac OS X 10.4.x	
Configuring the printer on Mac OS X 10.2.4 to 10.3.x	146
Uninstalling the Macintosh PPD File	

About the Installation

Refer to following instructions for configuring printing systems on Macintosh computers.

- P.116 "About client software for Macintosh"
- P.116 "Planning for installation"
- P.117 "Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.7.x"

About client software for Macintosh

PostScript Printer Description file

The Macintosh PPD (PostScript Printer Description) file contains information about controller-specific features. Two PPD files are provided: one is for Macintosh on the Mac OS X 10.2.4 to Mac OS X 10.3.x, the other is for Macintosh on the Mac OS X 10.4 or later. In addition, plug-ins are provided, which are used for Macintosh on the Mac OS X 10.4 or later.

Planning for installation

System requirements

To install the printer drivers on a Mac OS computer, the following environment is required.

Display resolution:	1028 x 768 dots or more
OS:	Mac OS X 10.2.4 to Mac OS X 10.7.x
Protocol:	TCP/IP, AppleTalk (Ethernet), Bonjour

Note

USB connection is not supported.

Installing the Printer on Mac OS X 10.2.4 to Mac OS X 10.7.x

Install and configure the printer by the following pages:

- P.117 "Installing the Macintosh PPD file"
- P.121 "Installing plug-ins (Mac OS X 10.4 or later)"
 P.124 "Configuring the printer on Mac OS X 10.6.x to 10.7.x"
- P.124 Configuring the printer on Mac OS × 10.0.8 to
 P.131 "Configuring the printer on Mac OS X 10.5.x"
- □ P.138 "Configuring the printer on Mac OS X 10.5.X"
 □ P.138 "Configuring the printer on Mac OS X 10.4.X"
- P.146 "Configuring the printer on Mac OS X 10.4.X"
 P.146 "Configuring the printer on Mac OS X 10.2.4 to 10.3.x"
- P.153 "Configuring the installable options"

■ Installing the Macintosh PPD file

The equipment supports printing from Mac OS X 10.2.4 to Mac OS X 10.7.x.

The following describes an installation on Mac OS X 10.6.x. The procedure is the same when other versions of Macintosh are used.

1 Insert the Client Utilities CD-ROM into the CD-ROM drive and open the "MacPPD/OSX/ xxxx" folder.

* "xxxx" is the OS version and PPD file type.

10_2-10_3/2-sided_default: This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.2.4 to Mac OS X 10.3.x. This PPD file enables to set 2-sided printing by default.

10_2-10_3/normal: This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.2.4 to Mac OS X 10.3.x. This PPD file enables to set 1-sided printing by default.

- 10_4/2-sided_default-: This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.4 or later.
- This PPD file enables to set 2-sided printing by default.

10_4/normal-: This includes the PPD file to enable printing from Macintosh on the Mac OS X 10.4 or later.

This PPD file enables to set 1-sided printing by default.

Tip

When this equipment is used in Europe, install the PPD file enabling 2-sided printing by default.

7 Copy the GZIP file (xxxxxMFP_X4.dmg.gz) to the desktop.

* The GZIP file name applied for Mac OS X 10.2.4 to Mac OS X 10.3.x is "xxxxxMFP.dmg.gz".
 * Use the file name including the model name.

Double-click the GZIP file on the desktop.

- The Disk Image file (xxxxxMFP_X4.dmg) is extracted on the desktop. The Disk Image file (xxxxxMFP.dmg) is extracted on the desktop when you are using Mac OS X 10.2.4 to Mac OS X 10.3.x.
- If the installer window appears, go to step 5.
- * The "xxxxx" part of the file name is replaced in the model name depending on the selected file.

L Double-click the Disk Image file (xxxxxMFP_X4.dmg).

The installer window appears.

- Double-click the Disk Image file (xxxxxMFP.dmg) when you are using Mac OS X 10.2.4 to Mac OS X 10.3.x.
- The "xxxxx" part of the file name is replaced in the model name depending on the selected file.

5 Double-click the icon in the installer window.



The installer starts.

Notes

- When you install the PPD file to Mac OS X 10.2.4 to 10.2.8, the [Authenticate] dialog box appears. In that
 case, enter the name and password and click [OK].
- When you start up the installer, be sure that Mac OS Printer Setup Utility is not operating. If a PPD file is
 installed while the Mac OS Printer Setup Utility is operating, the printer may not be normally recognized.

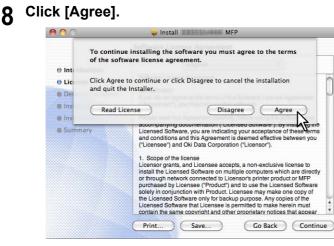


Welcome to the MFP Installer	
Introduction	
License	You will be guided through the steps necessary to install this software.
Destination Select	install this software.
Installation Type	
Installation	
e Summary	
L	Go Back Continue

The [Software License Agreement] window is displayed.

7 Click [Continue].

Software License Agreement		
Introduction	English	
🖯 License	Software License Agreement	
Destination Select	IMPORTANT If you do not agree to the terms of this Software License Agreement	
Installation Type	("Agreement"), you may not use this software.	
Installation	Please read this Agreement carefully before using the software and	
Summary	accompanying documentation ("Licensed Software"). By installing the Licensed Software, you are indicating your acceptance of these terms and conditions and this Agreement is deemed effective between you ("Licensee") and Oki Data Corporation ("Licensor").	
	 Scope of the license Licensor grants, and Licensee accepts, a non-exclusive license to instail the Licensed Software on multiple computers which are directly or through network connected to Licensor's printer product or MFP purchased by Licensee ("Product") and to use the Licensed Software solely in conjunction with Product. Licensee may make one copy of the Licensed Software only for backup purpose. Any copies of the Licensed Software that Licensee is permitted to make herein must contain the same convinit and other promietary notices that acoear 	



The [Standard Install] window is displayed.

Note

The subsequent steps may differ depending on the Mac OS version.

9 Click [Install] (or [Upgrade]).

Standard Install on """"""""""""""""""""""""""""""""""		
Introduction		
License	This will take 2.7 MB of space on your computer.	
Destination Select	Click Install to perform a standard installation of	
Installation Type	this software on the disk """"""""""""""""""""""""""""""""""""	
Installation		
Summary		
	Change Install Location	
	Go Back Install	

The [Authenticate] dialog box appears.

Tip

The Select a Destination dialog box appears by clicking [Change Install Location]. Select the boot disk for Mac OS X and click [Continue].

	Select a Destination	on	
Introduction	Select the disk whe MFP software.	re you want to install	the I and the second
🖲 License		(market 1)	()
Destination Select		105	2 - 5
Installation Type	ie mi		i sa my
Installation	TRANSIC & RECEIPTION	-insequenti	TRant
Summary	64.05 GB free 83.01 GB total	63.81 GB free 83.22 GB total	68.59 GB free 83.22 GB total
	You have chosen to	install this software	on the disk "
		G	o Back Cont

10 Enter the name and password, and click [OK].

	Type your password to allow installer to make changes.	
	Name: administorator	
	Password:	
▶ Details	×1	
?	Cancel OK	
	い	

It starts copying the PPD files for each language.

Note

When you install the PPD file to Mac OS X 10.2.4 to 10.2.8, the [Authenticate] dialog box does not appear in this step.



11 Click [Close] to close the installer window.

	😺 Install 💷 🖉 MFP
	The installation was completed successfully.
 Introduction License Destination Select Installation Type Installation Summary 	The installation was successful. The software was installed.
	Go Back Close

12 Delete the GZIP files and Installer files created on the desktop.

13 Continue the procedure for installing plug-ins and configuring the printer.

P.121 "Installing plug-ins (Mac OS X 10.4 or later)"

- P.124 "Configuring the printer on Mac OS X 10.6.x to 10.7.x"
- P.131 "Configuring the printer on Mac OS X 10.5.x"
- P.138 "Configuring the printer on Mac OS X 10.4.x"
- P.146 "Configuring the printer on Mac OS X 10.2.4 to 10.3.x"

■ Installing plug-ins (Mac OS X 10.4 or later)

This section describes how to install plug-ins used for Mac OS X 10.4 or later.

When installing them, you can use the following functions:

- Watermark
- This function allows you to print a watermark such as [Confidential], [Draft], [Proof] or [Top Secret] over a document.
- e-Filing

This function allows you to store print jobs in e-Filing on this equipment.

Tip

For details on watermarks and e-Filing, refer to the Printing Guide.

The following describes an installation on Mac OS X 10.6.x. The procedure is the same when other versions of Macintosh are used.

1 Insert the Client Utilities CD-ROM into the CD-ROM drive and open the "MacPPD/OSX/ 10_4-" folder.

2 Copy the GZIP file (xxxxxMFP_Features.dmg.gz) to the desktop.

- * The GZIP file name applied for Mac OS X 10.4 or later is "xxxxxMFP.dmg.gz".
- * Use the file name including the model name.

3 Double-click the GZIP file on the desktop.

- The Disk Image file (xxxxxMFP_Features.dmg) is extracted on the desktop.
- The Disk Image file (xxxxxMFP.dmg) is extracted on the desktop when you are using Mac OS X 10.4 or later.
- If the installer window appears, go to step 5.
- * The "xxxxx" part of the file name is replaced in the model name depending on the selected file.

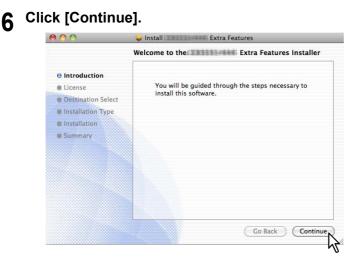
▲ Double-click the Disk Image file (xxxxxMFP_Features.dmg).

The installer window appears.

5 Double-click the icon in the installer window.



The installer starts.

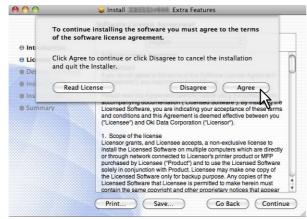


The [Software License Agreement] window is displayed.

7 Click [Continue].

Software License Agreement		
Introduction	English	
License	Software License Agreement	
Destination Select Installation Type	IMPORTANT If you do not agree to the terms of this Software License Agreement ("Agreement"), you may not use this software.	
Installation	Please read this Agreement carefully before using the software and	
Summary	accompanying documentation ("Licensed Software"). By installing the Licensed Software, you are indicating your acceptance of these terms and conditions and this Agreement is deemed effective between you ("Licensee") and Oki Data Corporation ("Licensor").	
	 Scope of the license Licensor grants, and Licensee accepts, a non-exclusive license to install the Licensed Software on multiple computers which are directly or through network connected to Licensor's printer product or MFP purchased by Licensee ("Product") and to use the Licensed Software solely in conjunction with Product. Licensee may make one copy of the Licensed Software only to hackup purpose. Any copies of the Licensed Software only to hackup purpose. Any copies of the Licensed Software only and other propriature nucleos that apoear contain the same coavribial that other propriature nucleos that apoear 	

8 Click [Agree].



The [Standard Install] window is displayed.



The [Authenticate] dialog box appears.

Tip

If you want to choose a custom installation, click [Customize]. In the [Custom Install] window, disable either "Watermark" or "e-Filing" and click [Install].

	Custom Install on "Immedia	inspatt"	
	Package Name	Action	Size
Introduction	Watermark	Install	1.4 MB
License	e-Filing	Skip	1.1 MB
Destination Select			
Installation Type	v		
Installation			
Summary	8		
- Summery	8		
c Subminuty			
	Space Required: 1.4 MB	Remaining: 64.04	4 GB
	Space Required: 1.4 MB	Remaining: 64.04	4 GB
	Space Required: 1.4 MB		4 GB
	Space Required: 1.4 MB		4 GB
	Space Required: 1.4 MB		4 GB

10 Enter the name and password, and click [OK].



It starts installing plug-ins.

11 Click [Close] to close the installer window.

The installation was completed successfully.		
 Introduction License Destination Select Installation Type Installation Summary 	The installation was successful. The software was installed.	
	Go Back Close	

12 Delete the GZIP files and Installer files created on the desktop.

Configuring the printer on Mac OS X 10.6.x to 10.7.x

After you copy the PPD file to the library folder in the System Folder, you can configure the printer. The equipment supports the following Macintosh Printing Services:

- LPR printing
 - P.124 "Configuring LPR printing (Mac OS X 10.6.x to 10.7.x)"
- IPP printing
 P.127 "Configuring IPP printing (Mac OS X 10.6.x to 10.7.x)"
- Bonjour printing
 P.129 "Configuring Bonjour printing (Mac OS X 10.6.x to 10.7.x)"

```
Tip
```

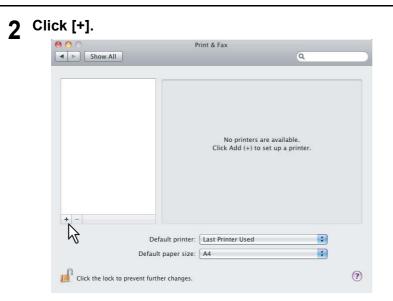
These Macintosh Printing Services are available when the equipment and your computer are connected over TCP/IP network.

Configuring LPR printing (Mac OS X 10.6.x to 10.7.x)

The following describes an operation on Mac OS X 10.6.x. The procedure is the same when Mac OS X 10.7.x is used.

1 Open System Preferences and click [Print & Fax].





3 Click [IP] and specify the items as described below.

0	00	Add Printer	\bigcirc
đ	3 - (🔊 🛆 a	
Def	fault Fax	IP Search	
1			
	Protocol:	Line Printer Daemon – LPD	
	Address:	150.60.70.252	
		Valid and complete address.	
	Queue:		
		Leave blank for default queue.	
			ĥ
	Name:	150.60.70.252	
	Location:		
	Print Using:	ColorMFP-X4	
		NZ Add)

 Protocol:
 Line Printer Daemon - LPD

 Address:
 <IP address or DNS name of this equipment>

 Queue:
 print

 Name:
 <Any Name>

 Location:
 <Any Name>

 Print Using:
 OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Tip

In the [Name] box, the name that is entered in the [Address] box is automatically displayed. When you enter the IP address or DNS name of this equipment in the [Address] box, the correct PPD file is automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [Select a driver to use] and choose the PPD file displayed in the list.

4 Click [Add].

The [Installable Options] window appears.

5 Set the following options.

Ĩ	Installable Options
	150.60.70.252
full ad	ure your printer's options are accurately shown here so you can tak vantage of them. For information on your printer and its optional
hardwa	are, check the documentation that came with it.
Mode	I Selection:
Finish	er: Saddle Stitch Finisher 🛟
Draw	ers: LCF
Exter	nal LCF: Not Installed
	N
	N
	Cancel Continue

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

• Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed. **Saddle Stitch Finisher and Hole Punch** — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) **Offset Tray** — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed. Drawer 3 — Select this when the drawer 3 is installed. Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed. LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.

Click [Continue].

The printer is added to the Printer List.

Configuring IPP printing (Mac OS X 10.6.x to 10.7.x)

When you want to setup IPP print queue in the Mac OS X, follow the procedures below. The following describes an operation on Mac OS X 10.6.x. The procedure is the same when Mac OS X 10.7.x is used.

1 Open System Preferences and click [Print & Fax].



2 Click [+].

00	Print & Fax
Show All	Q
	No printers are available. Click Add (+) to set up a printer.
-	nter: Last Printer Used
Default paper	size: A4
Click the lock to prevent further chan	ges.

3

Click [IP] and specify the items as described below.

Protocol: Internet Printing Protocol - IPP	en
Protocol: Internet Printing Protocol – IPP	
	\$
Address: 150.60.70.252	
Valid and complete address.	
Queue:	
Leave blank for default queue.	
Name: 150.60.70.252	
Location:	
Print Using: ColorMFP-X4	\$

 Protocol:
 Internet Printing Protocol - IPP

 Address:
 <IP address or DNS name of this equipment>

 Queue:
 Print

 Name:
 <Any Name>

 Location:
 <Any Name>

 Print Using:
 OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Tip

In the [Name] box, the name that is entered in the [Address] box is automatically displayed.

When you enter the IP address or DNS name of this equipment in the [Address] box, the correct PPD file is automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [Select a driver to use] and choose the PPD file displayed in the list.

Click [Add].

The Installable Options window appears.

5 Set the following options.

	stallable Options 50.60.70.252	
	your printer's options are accurately tage of them. For information on you	
	check the documentation that came	
Model Se	lection:	Likeseij 🔹
Finisher:	Saddle Stitch Finisher	•
Drawers	LCF	
External	LCF: Not Installed	
	N	
	4	•
	Can	cel Continue

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed.

Saddle Stitch Finisher and Hole Punch — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) Offset Tray — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

Drawers

Not Installed — Select this when no optional drawer is installed.

Drawer 3 — Select this when the drawer 3 is installed.

Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed.

LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.

Click [Continue].

The printer is added to the Printer List.

Configuring Bonjour printing (Mac OS X 10.6.x to 10.7.x)

The following describes an operation on Mac OS X 10.6.x. The procedure is the same when Mac OS X 10.7.x is used.

1 Open System Preferences and click [Print & Fax].



2 Click [+].

Show All	Print & Fax	
* -		are available. 5 set up a printer.
Defaul	printer: Last Printer Used	;
Default pa	er size: A4	\$
Click the lock to prevent further of	nanges.	?

3 Click [Default] and select the OKI MFP of the Bonjour connection displayed in the list.

		Add Printer		
B 💻 🛞	A	Q		
fault Fax IP	Windows		Search	
rinter Na			A Kind	
Name	visaniji (* 173)	-07	288510	
	5)4084 + 71)	-07	088510	
Location:			088510	
			088510	•
Location:			088510	
Location:			088510	•
Location:			088510	¢ Add

Tip

In the [Name] box, the device name that you selected in the list is automatically displayed. When you select the equipment from the list, the correct PPD file is automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [Select a driver to use] and choose the PPD file displayed in the list.

▲ Click [Add].

The [Installable Options] window appears.

5 Set the following options.

Installable Options	
Make sure your printer's options are accurately shown full advantage of them. For information on your printe hardware, check the documentation that came with it.	
Model Selection: Finisher: Saddle Stitch Finisher Drawers: LCF External LCF: Installed	•
	4
Cancel	Continue

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

• Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed.

Saddle Stitch Finisher and Hole Punch — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed. **Job Separator** — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP)

Offset Tray — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed. Drawer 3 — Select this when the drawer 3 is installed. Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed. LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.

6 Click [Continue].

The printer is added to the Printer List.

Configuring the printer on Mac OS X 10.5.x

After you copy the PPD file to the library folder in the System Folder, you can configure the printer. The equipment supports the following Macintosh Printing Services:

- LPR printing
 - P.131 "Configuring LPR printing (Mac OS X 10.5.x)"
- IPP printing
 - P.134 "Configuring IPP printing (Mac OS X 10.5.x)"

Bonjour printing
 P.136 "Configuring Bonjour printing (Mac OS X 10.5.x)"

Tip

These Macintosh Printing Services are available when the equipment and your computer are connected over TCP/IP network.

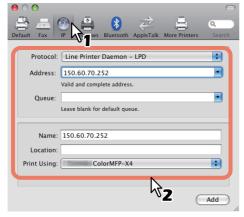
Configuring LPR printing (Mac OS X 10.5.x)



2 Click [+].

Show All	F	rint & Fax	٩	
Click + to add a printer or fax		No Printer Selected		
+ -	Default Printer:	Last Printer Used	\$	
Default Paper Siz	ze in Page Setup:	[A4	•	
Click the lock to prevent	further changes.			?

3 Click [IP] and specify the items as described below.



 Protocol:
 Line Printer Daemon - LPD

 Address:
 <IP address or DNS name of this equipment>

 Queue:
 print

 Name:
 <Any Name>

 Location:
 <Any Name>

 Print Using:
 OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Tip

In the [Name] box, the name that is entered in the [Address] box is automatically displayed. When you enter the IP address or DNS name of this equipment in the [Address] box, the correct PPD file is automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [Select a driver to use] and choose the PPD file displayed in the list.

4 Click [Add].

The [Installable Options] window appears.

5 Set the following options.

full advantage of them.	options are accurately sho For information on your pri umentation that came with	inter and its optional
Model Selection:	NAMES OF CONSISTS OF COMME	
Finisher: Saddle Stite	h Finisher	•
External LCF: Not Ins		
	\searrow	

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

• Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed. **Saddle Stitch Finisher and Hole Punch** — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) **Offset Tray** — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed.

Drawer 3 — Select this when the drawer 3 is installed.

Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed.

LCF — Select this when the Large Capacity Feeder is installed.



The Large Capacity Feeder is not available for some countries or regions.

6 Click [Continue].

The printer is added to the Printer List.

Configuring IPP printing (Mac OS X 10.5.x)

When you want to setup IPP print queue in the Mac OS X, follow the procedures below.

Open System Preferences and click [Print & Fax]. System Preferences ◄ ► Show All a Personal e New (3) 0 Q Appear Hardware 6 8 Energy CDs & DVDs Blu Dis Internet & Network Networ QuickTin ۲ MobileM System Date & Time ()-Account

2 Click [+].

1



3 Click [IP] and specify the items as described below.

● ○ ○	0
Default Fax IP The Bluetooth AppleTalk More Printers Search	1
Protocol: Internet Printing Protocol – IPP	
Address: 150.60.70.252	
Valid and complete address. Queue: Leave blank for default queue.	
Name: 150.60.70.252	L
Location:	
Print Using: ColorMFP-X4	
	,
T Add	//

 Protocol:
 Internet Printing Protocol - IPP

 Address:
 <IP address or DNS name of this equipment>

 Queue:
 Print

 Name:
 <Any Name>

 Location:
 <Any Name>

 Print Using:
 OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Tip

In the [Name] box, the name that is entered in the [Address] box is automatically displayed.

When you enter the IP address or DNS name of this equipment in the [Address] box, the correct PPD file is automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [Select a driver to use] and choose the PPD file displayed in the list.

Click [Add].

The Installable Options window appears.

5 Set the following options.

Make sure your print full advantage of the nardware, check the	m. For inform	ation on your p	rinter and i	
Model Selection:	(Downey - D	110000-82-015 <u>0-</u> 844		
Finisher: Saddle			•	
Drawers: LCF		•		
External LCF: Not	Installed			J
		r\)		

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed.

Saddle Stitch Finisher and Hole Punch — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) Offset Tray — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

Drawers

Not Installed — Select this when no optional drawer is installed. Drawer 3 — Select this when the drawer 3 is installed. Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed. LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.

Click [Continue].

The printer is added to the Printers List.

Configuring Bonjour printing (Mac OS X 10.5.x)

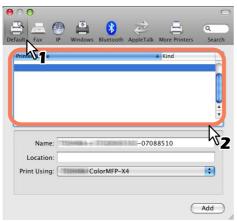
1 Open System Preferences and click [Print & Fax].



2 Click [+].

00	Print & Fax	
Click + to add a printer or fax	No	Q.
+ - Default Paper Siz	Default Printer: Last Printer	Used
Click the lock to prevent	urther changes.	۲

3 Click [Default] and select the OKI MFP of the Bonjour connection displayed in the list.



Tip

In the [Name] box, the device name that you selected in the list is automatically displayed. When you select the equipment from the list, the correct PPD file is automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [Select a driver to use] and choose the

▲ Click [Add].

The [Installable Options] window appears.

PPD file displayed in the list.

5 Set the following options.

full adv	ure your print vantage of the are, check the	m. For info	rmation on	your printer	
	l Selection:	1 (be) to	- abaaayon a	COLUMN 1	
	er: Saddle S	Stitch Finish			
	ers: LCF nal LCF: Ins	talled			
Litter				N	
				4	
				v	

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed.

Saddle Stitch Finisher and Hole Punch — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) Offset Tray — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed. Drawer 3 — Select this when the drawer 3 is installed. Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed. LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.

6 Click [Continue].

The printer is added to the Printers List.

Configuring the printer on Mac OS X 10.4.x

After you copy the PPD file to the library folder in the System Folder, you can configure the printer. The equipment supports the following Macintosh Printing Services:

- LPR printing
 - P.138 "Configuring LPR printing (Mac OS X 10.4.x)"
- IPP printing
 - P.141 "Configuring IPP printing (Mac OS X 10.4.x)"

Bonjour printing
 P.143 "Configuring Bonjour printing (Mac OS X 10.4.x)"

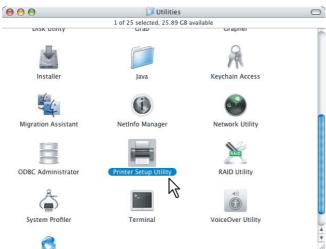
Tip

These Macintosh Printing Services are available when the equipment and your computer are connected over TCP/IP network.

Configuring LPR printing (Mac OS X 10.4.x)

1 Start the Printer Setup Utility located in the "Applications/Utilities" folder in the Boot Disk.

0



The [Printer List] dialog box appears.



3 Click [IP Printer] and specify the items as described below.

9	Q+	
ult Browser	IP Printer Search	
Protocol:	Line Printer Daemon - LPD	¢
Address:	150.60.70.252	
	Invalid or incomplete address.	
Queue:		
	Leave blank for default queue.	
Name:	150.60.70.252	
Location:		
Print Using:	ColorMFP-X4	

 Protocol:
 Line Printer Daemon - LPD

 Address:
 <IP address or DNS name of this equipment>

 Queue:
 print

 Name:
 <Any Name>

 Location:
 <Any Name>

 Print Using:
 OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Tips

- In the [Name] box, the name that is entered in the [Address] box is automatically displayed.
- When you enter the IP address or DNS name of this equipment in the [Address] box, the correct PPD file is
 automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [OKI]
 in the [Print Using] box and choose the PPD file displayed in the list.



5

Click [Add].

The [Installable Options] window appears.

Set the following options.

full advantage	ur printer's opt e of them. For eck the docume	information of	on your print	er and its op	
Model Selec	ction:	明新学 无望的	000000000	(asses)	•
Finisher:	Saddle Stitch	Finisher		\$	
Drawers:	LCF	;			
External LC	F: Not Inst	alled 🛟			J
				2	

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

• Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed. **Saddle Stitch Finisher and Hole Punch** — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) **Offset Tray** — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed.

Drawer 3 — Select this when the drawer 3 is installed.

Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed.

LCF — Select this when the Large Capacity Feeder is installed.



The Large Capacity Feeder is not available for some countries or regions.

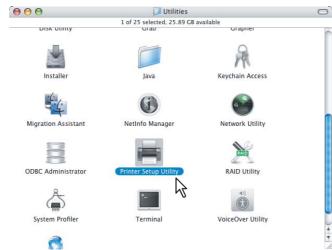
6 Click [Continue].

The printer is added to the Printer List.

Configuring IPP printing (Mac OS X 10.4.x)

When you want to setup IPP print queue in the Mac OS X, follow the procedures below.

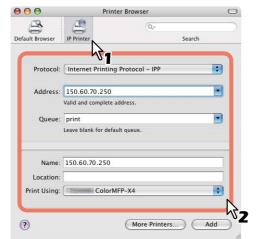
1 Start the Printer Setup Utility located in the "Applications/Utilities" folder in the Boot Disk.



The [Printer List] dialog box appears.

2

- Click [Add].
- **3** Click [IP Printer] and specify the items as described below.



 Protocol:
 Internet Printing Protocol - IPP

 Address:
 <IP address or DNS name of this equipment>

 Queue:
 Print

 Name:
 <Any Name>

 Location:
 <Any Name>

 Print Using:
 OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Tips

- In the [Name] box, the name that is entered in the [Address] box is automatically displayed.
- When you enter the IP address or DNS name of this equipment in the [Address] box, the correct PPD file is
 automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [OKI]
 in the [Print Using] box and choose the PPD file displayed in the list.

Notes

- If you delete a self-signed certificate registered to this equipment while SSL for HTTP network service is enabled, access to the TopAccess is refused. In this case, temporarily disable SSL for HTTP network service on the control panel and then access the TopAccess. Then enable SSL again.
 For HTTP network service, refer to the *TopAccess Guide*. For instructions on how to set it on the control panel, refer to the *MFP Management Guide*.
- When IPP/SSL is enabled, click [More Printers] while pressing the [option] key. In the displayed dialog box, select "Advanced" and specify as follows:

	Advanced ;		
Device:	Internet Printing Protocol using 1 P		
Device Name:	(1009-10-10002-)		
Device URI:	http://150.60.70.250:443/Print		
	(TYDANIE)		
Name			
ColorN			
Name ColorN	IFP-X4 ISA		

- Device: Internet Printing Protocol using HTTP
- Device Name: <Any Name>
- Device URI: http://<IP address>:443/Print
- Printer Model: OKI
- PPD: OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Click [Add].

The [Installable Options] window appears.

5 Set the following options.

full advanta	our printer's options are a e of them. For informatic eck the documentation th	on on your printer a	
Model Sel	ction:	1.110000-555-7-1025-Ave	
Finisher:	Saddle Stitch Finishe	r and Hole Punch	n 🗘
Drawers:	LCF	;	
External L	CF: Installed	•	
			Ν

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed. Saddle Stitch Finisher and Hole Punch — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) **Offset Tray** — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed. Drawer 3 — Select this when the drawer 3 is installed. Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed. LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.

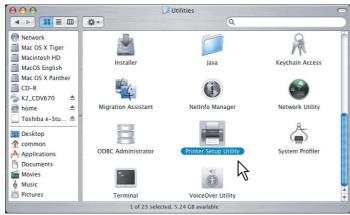


Click [Continue].

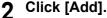
The printer is added to the Printer List.

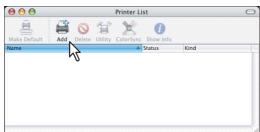
Configuring Bonjour printing (Mac OS X 10.4.x)

1 Start the Printer Setup Utility located in the "Applications/Utilities" folder in the Boot Disk.



The [Printer List] dialog box appears.





3 Click [Default Browser] and select the equipment of the Bonjour connection displayed in the list.

00	Printer Browser	C
03 0	Q	
fault Browser IP Pr	inter Sei	arch
A.		
Printer Name	A Conn	ection
		Ā
		1.
		- N
Name: 139	-07088510	- N2
Location:		
	ColorMFP-X4	
Print Using:	ColorMFP-X4	•
?	(More Printers)	Add

Tips

- In the [Name] box, the device name that you selected in the list is automatically displayed.
- When you select the equipment in the list, the correct PPD (OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4) file is automatically selected in the [Print Using] box. If the correct PPD is not automatically selected, select [OKI] in the [Print Using] box and choose the PPD file displayed in the list.

Click [Add].

The [Installable Options] window appears.

5 Set the following options.

ull advantag	our printer's op ge of them. For neck the docum	information	on your prin	ter and its o	
Model Sele	ection:	网络小子花科	1000-023-025	Caseso:	•
Finisher:	Saddle Stitc	h Finisher			
Drawers:	LCF	\$)		
External L	CF: Installe	d 🕻	0		
				\	

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

- OKI ES9160/9170 MFP Select this when the ES9160/9170 MFP is used.
- Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed. Saddle Stitch Finisher and Hole Punch — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) **Offset Tray** — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed. Drawer 3 — Select this when the drawer 3 is installed. Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed. LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.



The printer is added to the Printer List.

Configuring the printer on Mac OS X 10.2.4 to 10.3.x

After you copy the PPD file to the library folder in the System Folder, you can configure the printer. The equipment supports the following Macintosh Printing Services:

- LPR printing
 P.146 "Configuring LPR printing (Mac OS X 10.2.4 to 10.3.x)"
- AppleTalk printing
 P.148 "Configuring AppleTalk printing (Mac OS X 10.2.4 to 10.3.x)"
- IPP printing
 P.150 "Configuring IPP printing (Mac OS X 10.2.4 to 10.3.x)"
- Bonjour printing
 P.152 "Configuring Bonjour printing (Mac OS X 10.2.4 to 10.3.x)"

Tips

- LPR printing, IPP printing, and Bonjour printing are available when the equipment and your computer are connected over TCP/IP network.
- AppleTalk printing is available when the equipment and your computer are connected over AppleTalk network.

Configuring LPR printing (Mac OS X 10.2.4 to 10.3.x)

The following describes an operation on Mac OS X 10.3.x. The procedure is the same when Mac OS X 10.2.4 to 10.2.8 is used.

1 Start the Print Center (for Mac OS X 10.2.4 to 10.2.8) or Printer Setup Utility (for Mac OS X 10.3.x) located in the "Applications/Utilities" folder in the Boot Disk.

Mac OS X 10.2.4 to 10.2.8



Mac OS X 10.3.x

000		🤰 Utilities		0
	* *	0	local disks	
 Network Mac OS X Panther Mucleasek UD 	Java	Keychain Access	() NetInfo Manager	Í
Macintosh HD MacOS English Mac OS X Tiger CD-R		8		
SK2_CDV670 ▲ Mome ▲ Toshiba e-St ▲ [*]	Network Utility	ODBC Administrator	Printer Setup Utility	
Desktop T common Applications	Stuffit Expander	System Profiler	Terminal	
Documents Movies				
Pictures	iPod Software Updater	Adobe Reader Download Manager		Å
	1 of 26 select	ted, 6.37 GB available		11

The [Printer List] dialog box appears.

2 Click [Add].

$\Theta \Theta \Theta$				Printer List		C
Â		0	3-6	×	0	
Make Default	Add	Delete	Utility	ColorSync	Show Info	
In Menu Name					A Status	Kind
		2				
		Ŭ				

3 Select [IP Printing] and specify the items as described below.

	IP Printing	
Printer Type:		1 💿
rinter Address:	10.151.131.54	•
	Complete and valid address.	
Queue Name:	print	
	Leave blank for default queue	
Printer Model:	(1723) #1000 J	
Model Name		
Colori	AFP	
Colori	MFP UK	
	Cancel	Add
	Center	

 Printer Type:
 LPD/LPR

 Printer Address:
 <IP address or DNS name of this equipment>

 Queue Name:
 print

 Printer Model:
 OKI

 PPD:
 OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Notes

- For Mac OS X 10.2.4 to 10.2.8, the [Printer Type] box is not displayed.
- For Mac OS X 10.2.4 to 10.2.8, clear the [Use default queue on server] box.

Click [Add].

The printer is added to the Printer List.

5 Continue the procedure to configure the installable options.

P.153 "Configuring the installable options"

Configuring AppleTalk printing (Mac OS X 10.2.4 to 10.3.x)

The following describes an operation on Mac OS X 10.3.x. The procedure is the same when Mac OS X 10.2.4 to 10.2.8 is used.

1 Start the Print Center (for Mac OS X 10.2.4 to 10.2.8) or Printer Setup Utility (for Mac OS X 10.3.x) located in the "Applications/Utilities" folder in the Boot Disk.



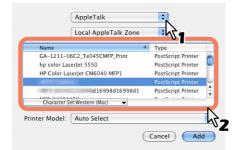
Mac OS X 10.3.x

2



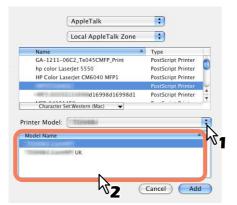
The [Printer List] dialog box appears.

- Click [Add].
- **3** Select [AppleTalk] and select the zone name that this equipment is located. Then select the equipment displayed in the list.



If the AppleTalk network is not configured with a zone, select [Local AppleTalk zone].

4 Select [OKI] in the [Printer Model] box, and select the PPD file.



5 Click [Add].

The printer is added to the Printer List.

6 Continue the procedure to configure the installable options.

P.153 "Configuring the installable options"

Configuring IPP printing (Mac OS X 10.2.4 to 10.3.x)

When you want to setup IPP print queue in the Mac OS X, follow the procedures below. The following describes an operation on Mac OS X 10.3.x. The procedure is the same when Mac OS X 10.2.4 to 10.2.8 is used.

1 Start the Print Center (for Mac OS X 10.2.4 to 10.2.8) or Printer Setup Utility (for Mac OS X 10.3.x) located in the "Applications/Utilities" folder in the Boot Disk.

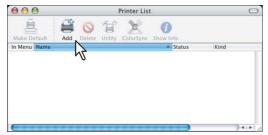


Mac OS X 10.3.x



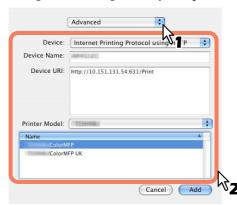
The [Printer List] dialog box appears.

2 Press and hold the [option] key in the keyboard and click [Add] in the Printer List Window.



The print list is displayed with all the print options.

3 Select [Advanced] and specify the items as described below.



Device:	Mac OS X 10.2.x: Internet Printing Protocol (http)
	Mac OS X 10.3.x: Internet Printing Protocol using HTTP
Device Name:	<any name=""></any>
Device URI:	http:// <ip address="">:631/Print</ip>
Printer Model:	OKI
PPD:	OKI CX3535_4545_X4, OKI ES9460_9470_X4 or OKI ES9160_9170_X4

Notes

- If you delete a self-signed certificate registered to this equipment while SSL for HTTP network service is enabled, access to the TopAccess is refused. In this case, temporarily disable SSL for HTTP network service on the control panel and then access the TopAccess. Then enable SSL again.
 For HTTP network service, refer to the *TopAccess Guide*. For instructions on how to set it on the control panel, refer to the *MFP Management Guide*.
- When IPP/SSL is enabled, specify as follows:
 - Device: Internet Printing Protocol (http)
 - Device URI: http://<IP address>:443/Print

Click [Add].

The printer is added to the Printer List.

5 Continue the procedure to configure the installable options.

P.153 "Configuring the installable options"

Configuring Bonjour printing (Mac OS X 10.2.4 to 10.3.x)

The following describes an operation on Mac OS X 10.3.x. The procedure is the same when Mac OS X 10.2.4 to 10.2.8 is used.

1 Start the Print Center (for Mac OS X 10.2.4 to 10.2.8) or Printer Setup Utility (for Mac OS X 10.3.x) located in the "Applications/Utilities" folder in the Boot Disk.



Mac OS X 10.3.x

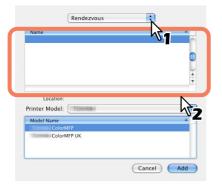
2



The [Printer List] dialog box appears.

Click [Add].

3 Select [Rendezvous] and select the equipment displayed in the list.



Tip

When you select the equipment in the name list, the correct PPD file is automatically selected. If the correct PPD is not automatically selected, select [OKI] in the [Printer Model] box and choose the PPD file displayed in the list.

Note

In Mac OS X 10.2.4 to 10.3.x, the [Bonjour] is named as [Rendezvous].

4 Click [Add].

2

The printer is added to the Printer List.

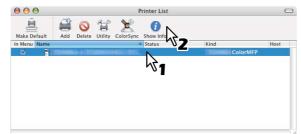
5 Continue the procedure to configure the installable options.

P.153 "Configuring the installable options"

Configuring the installable options

The following describes an operation on Mac OS X 10.3.x. The procedure is the same when Mac OS X 10.2.4 to 10.2.8 is used.

1 In the [Printer List] dialog box, select the printer and then click [Show Info].



The [Printer Info] dialog box appears.



The [Installable Options] window is displayed.

3 Set the following options.

	Installabl	e Options	•	_
Model Sele	ection:	enning et anne	a di Tili Anema	٦
Finisher:	Saddle Stit	tch Finisher	\$	T
Drawers:	LCF	;		T
External L	CF: Not In	stalled 🛟		J
			Ν	
			7	

Model Selection

OKI ES9460/9470 MFP OKI CX3535/4545 MFP — Select this when the ES9460/9470/CX3535/CX4545 MFP is used.

OKI ES9160/9170 MFP — Select this when the ES9160/9170 MFP is used.

• Finisher

Not Installed — Select this if a finisher is not installed.

Hanging Finisher — Select this when the Hanging Finisher is installed. (Only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Saddle Stitch Finisher — Select this when the Finisher or Saddle Stitch Finisher is installed.

Saddle Stitch Finisher and Hole Punch — Select this when the Finisher or Saddle Stitch Finisher and Hole Punch unit are installed.

Job Separator — Select this when the Job Separator is installed. (Only for the ES9160 MFP/ES9170 MFP) Offset Tray — Select this when the Offset Tray is installed. (Only for the ES9160 MFP/ES9170 MFP)

Note

Even if you choose [Not Installed] for the Finisher option during print settings, the finisher options such as stapling and hole punching can be selected. If you select the finisher options for printing but the finisher is not installed, finisher settings will be ignored and printing will be performed correctly.

• Drawers

Not Installed — Select this when no optional drawer is installed. Drawer 3 — Select this when the drawer 3 is installed. Drawer 3 and 4 — Select this when the drawer 3 and 4 are installed. LCF — Select this when the Large Capacity Feeder is installed.

Note

The Large Capacity Feeder is not available for some countries or regions.

Click [Apply Changes] and close the window.

Uninstalling the Macintosh PPD File

In order to uninstall the Macintosh PPD file, delete the PPD file in the following folder.

- Library/Printers/PPDs/Contents/Resources/en.lproj/CX3535_4545.dmg.gz (For Mac OS X 10.2.4 to 10.3.x for America)
- Library/Printers/PPDs/Contents/Resources/en.lproj/ES9460_9470.dmg.gz (For Mac OS X 10.2.4 to 10.3.x for Europe, Others)
- Library/Printers/PPDs/Contents/Resources/en.lproj/ES9160_9170.dmg.gz (For Mac OS X 10.2.4 to 10.3.x for Europe, Others)
- Library/Printers/PPDs/Contents/Resources/CX3535_4545_X4.dmg.gz (For Mac OS X 10.4.x to 10.6.x for America)
- Library/Printers/PPDs/Contents/Resources/ES9460_9470_X4.dmg.gz (For Mac OS X 10.4.x to 10.6.x for Europe, Others)
- Library/Printers/PPDs/Contents/Resources/ES9160_9170_X4.dmg.gz (For Mac OS X 10.4.x to 10.6.x for Europe, Others)
- Library/Printers/oki/filter
- Library/Printers/oki/Icons
- Library/Printers/oki/PDEs
- Library/Receipts

5

INSTALLING PRINTER DRIVERS FOR UNIX/Linux

This chapter provides instructions on how to install client software for UNIX/Linux.

Setting Up the UNIX/Linux Filters	
About UNIX/Linux filters	
System requirements	
Precautions for using user authentication	
Configuring UNIX/Linux printing using UNIX/Linux filters	159
Setting Up the CUPS	
About CUPS	
Configuring UNIX/Linux printing using CUPS	

Setting Up the UNIX/Linux Filters

About UNIX/Linux filters

In the Client Utilities CD-ROM, the following filters for UNIX/Linux workstations are included:

net_okicolor (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP) net_okibw (For the ES9160 MFP/ES9170 MFP)

This file is a shell script that will be installed in "/usr/lib/lp/model". It contains all the parsing for the printer specific commands and it generates all the output code. Being a shell script, a system administrator can modify it if a site requires any custom options or if other components are installed in non-standard locations.

Ipdsend

This is an executable program that is called by net_okicolor/net_okibw to send the print file to the system using the LPD protocol. This program will be installed in "/opt/oki/tap/bin".

lpLinux.sh (For the Linux filter)

This file is a shell script that simulates the command line functions of Ip. After processing the command line options, the OKI MFP filter is invoked in the same way as a System V print filter. This file is installed in "/opt/oki/tap/bin". A symbolic link to this file will be installed in the "/usr/local/bin" directory as Iptap.

okicolorBackend (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP and its AIX filter) okibwBackend (For the ES9160 MFP/ES9170 MFP and its AIX filter)

This is an executable program that is called by the AIX qdaemon. It receives the arguments from the qdaemon, interrogates it for copy information etc. then calls the queues' copy of net_okicolor/net_okibw to run the print. This program will be installed in "/opt/oki/tap/bin".

okicoloradd (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP) okibwadd (For the ES9160 MFP/ES9170 MFP)

This file is a shell script that is used to create a printer description. This file will be installed in "/opt/oki/tap/bin". A symbolic link will be installed in the "/bin" directory that will point to the actual location of this file.

okicolorrm (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP) okibwrm (For the ES9160 MFP/ES9170 MFP)

This file is a shell script that is used to remove a printer description. This file will be installed in "/opt/oki/tap/bin". A symbolic link will be installed in the "/bin" directory that will point to the actual location of this file.

net_okicolor.1 (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP) net_okibw.1 (For the ES9160 MFP/ES9170 MFP)

This is an input file for the man command that supplies online documentation for the printer specific options. This file will be installed in "/opt/oki/tap/man/man1". A symbolic link will be installed in the /usr/man/man1 directory that will point to the actual location of this file.

System requirements

 For UNIX/Linux workstation, the following environment is required.

 OS:
 Sun Solaris v2.6/2.7/7.8/8/9/10

	HP-UX ver.10.20/11.x
	IBM AIX 4.3.3
	SCO UnixWare 7
	SCO Open UNIX 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
	Turbolinux 8/10
col:	TCP/IP
le:	Python must be installed.

Protocol: Module:

Notes

- The "Python" module must be installed on your UNIX/Linux workstation to enable printing. The "Python" module is usually installed in the "/usr/bin/" directory. Check this directory whether the "Python" module is installed.
- The lpd service must be running on Linux system.
- Printing using local port is provided via Samba. Printing via Samba is performed through either IPv4 or IPv6. To perform printing by using a local port that specifies IPv6, IPv6 should be selected on Samba.

Precautions for using user authentication

The login name is specified as being case sensitive in the UNIX/Linux system, but not in the equipment. Therefore, ABC, Abc, abc are treated as a different login name in the UNIX/Linux system, but as the same login name in the equipment.

Configuring UNIX/Linux printing using UNIX/Linux filters

When you want to configure the UNIX/Linux printing using the UNIX/Linux filters, install the UNIX/Linux filters and configure the LPR queue.

□ Installing the UNIX/Linux filters

UNIX/Linux Filters are provided as tar files for each Operating System. You can install them by copying the tar file into the root directory and extract the file.

- 1 Log on to the root account.
- **2** Insert the Client Utilities CD-ROM into the CD-ROM drive.
- 2 Enter the following command and check the output:
 - For Solaris: uname Output on screen should be: SunOS
- For HP-UX: uname Output on screen should be: HP-UX
- For IBM AIX:

uname Output on screen should be: AIX

• For Linux: uname Output on screen should be: Linux

- For Open UNIX: uname Output on screen should be: OpenUNIX Note If the output is not as above, ask your administrator. **△** Copy the tar file onto the root. A tar file for each operating system is included in following folders: • For Solaris: [Client Utilities CD-ROM]/Admin/SolarisFilter/Usa/ • For HP-UX: [Client Utilities CD-ROM]/Admin/HP-UXFilter/Usa/ • For AIX: [Client Utilities CD-ROM]/Admin/AIXFilter/Usa/ • For Linux: [Client Utilities CD-ROM]/Admin/LinuxFilter/Usa/ • For Open UNIX: [Client Utilities CD-ROM]/Admin/OpenUnixFilter/Usa/ **5** Change to the root (/) directory. Enter the following command: 6 For Solaris: tar xvf solaris.tar • For HP-UX: tar xvf hpux.tar tar xvf hpux64.tar (for 64-bit edition) • For IBM AIX: tar xvf aix.tar • For Linux: tar xvf linux.tar • For Open UNIX: tar xvf openunix.tar The command extracts all the required files and installs them in the correct locations.
- Continue the procedure for configuring the print queue.

P.161 "Configuring the print queue"

Configuring the print queue

After you copy UNIX/Linux Filters, you can configure the print queue.

There are two ways to configure the print queue: one is creating a print queue using okicoloradd/okibwadd, and the other is creating a print queue manually without using okicoloradd/okibwadd.

P.161 "Creating a print queue using okicoloradd/okibwadd"

P.161 "Creating a Print Queue Manually"

Creating a print queue using okicoloradd/okibwadd

You can create a print queue using okicoloradd/okibwadd.

Log on to the root account.

1

Enter the following command:

ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

okicoloradd <queue name> <host name or IP address>
ES9160 MFP/ES9170 MFP:

okibwadd <queue name> <host name or IP address>

Tips

- This command creates a print queue using the system's lpadmin command. It also creates a configuration file that has the destination IP address or host name. Use the configuration file to change print queue parameters.
- The lpadmin command saves a printer interface file as the print queue name, and the configuration file is stored in a file named <queue name>.conf. The interface file and configuration file is saved in following directory.
 - Solaris: /etc/lp/interfaces
 - HP-UX: /etc/lp/interface
 - IBM AIX: /opt/oki/tap/filter
 - Linux: /opt/oki/tap/interface
 - Open UNIX: /usr/spool/lp/admins/lp/interfaces
- Under Linux, the printtool (or equivalent) utility must be used to add the printer into the lp printing system after executing the okicoloradd/okibwadd command. For printtool utility, refer to the manual of the OS.

Creating a Print Queue Manually

You can also configure the print queue by adding a remote printer manually.

- The procedure varies depending on the operating systems.
- P.161 "Creating a print queue manually on Solaris"
- P.162 "Creating a print queue manually on HP-UX"
- P.163 "Creating a print queue manually on IBM AIX"
- P.163 "Creating a print queue manually on Linux"
- P.164 "Creating a print queue manually on Open UNIX"

Note

Use Bourne Shell(sh) to create a print queue manually.

Creating a print queue manually on Solaris

- 1 Log on to the root account.
- **9** Open your UNIX/Linux editor.
- Create the following file.

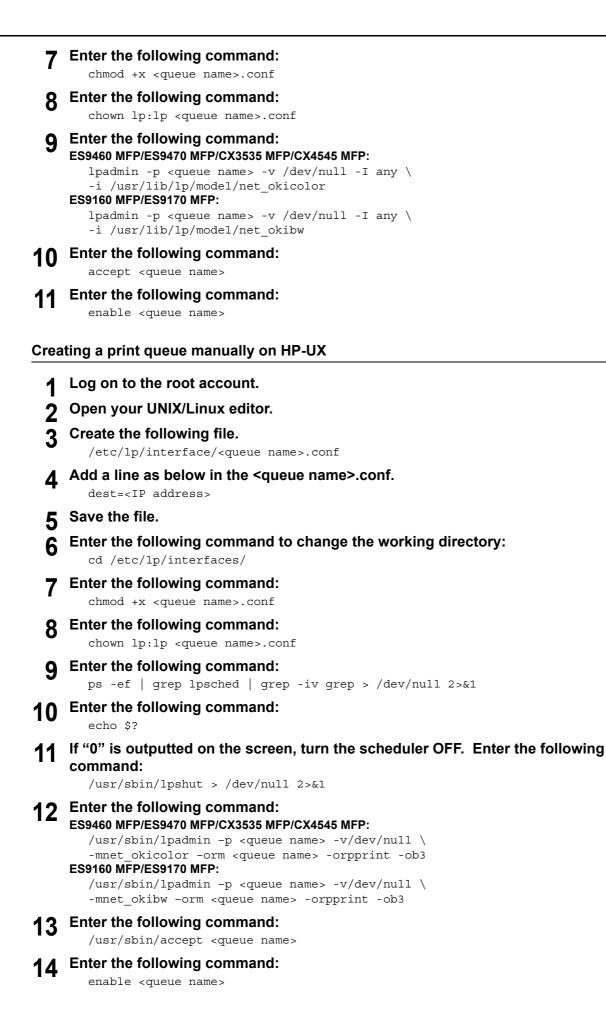
/etc/lp/interfaces/<queue name>.conf

Add a line as below in the <queue name>.conf.

dest=<IP address>

- 5 Save the file.
- **6** Enter the following command to change the working directory:

cd /etc/lp/interfaces/



```
15 If you turn OFF the scheduler in step 10, turn the scheduler ON. Enter the following
     command:
        /usr/sbin/lpsched > /dev/null 2>&1
Creating a print queue manually on IBM AIX
     Enter the following command:
  1
        ls /opt/oki/tap/filter
     If the above directory does not exist, enter the following command:
        mkdir /opt/oki/tap/filter
     Log on to the root account.
     Open your UNIX/Linux editor.
     Create the following file.
  5
        /opt/oki/tap/filter/<queue name>.conf
     Add a line as below in the <queue name>.conf.
        dest=<IP address>
     Save the file.
     Enter the following command:
        mkque -q<queue name> \
        -a `s statfilter = /usr/lib/lpd/bsdshort' \
        -a 'up = TRUE' -a 'host = <IP address>' -a 'rg = print'
    Enter the following command:
  9
     ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:
        mkquedev -q <queue name> -ddev_<queue name> \
        -a 'backend = /opt/oki/tap/bin/okicolorBackend'
     ES9160 MFP/ES9170 MFP:
        mkquedev -q <queue name> -ddev_<queue name> \
        -a 'backend = /opt/oki/tap/bin/okibwBackend'
10 Enter the following command:
     ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:
        cp /usr/lib/lpd/pio/predef/net_okicolor \
        /opt/oki/tap/filter/<queue name>
     ES9160 MFP/ES9170 MFP:
        cp /usr/lib/lpd/pio/predef/net_okibw \
        /opt/oki/tap/filter/<queue name>
Creating a print queue manually on Linux
```

1	Enter the following command: ls /opt/oki/tap/interface
2	If the above directory does not exist, enter the following command: mkdir /opt/oki/tap/interface
3	Log on to the root account.
4	Open your UNIX/Linux editor.
5	Create the following file. /opt/oki/tap/interface/ <queue name="">.conf</queue>
6	Add a line as below in the <queue name="">.conf. dest=<ip address=""></ip></queue>
7	Save the file.

8 Enter the following command:

ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

ES9160 MFP/ES9170 MFP:

cp /opt/oki/tap/model/net_okibw \
/opt/oki/tap/interface/<queue name>

- **10** Enter the following command:

ls /opt/oki/tap/bin/flag_<queue name>

Tip

The file in step 10 does not exist when the operations from step 1 to 9 are correctly performed. In that case, the operation of step 11 is not required to be performed. Skip to step 12.

11 If the above file exists, enter the following command.

/opt/oki/tap/bin/printconf_import \
-a <queue name> <IP_ADDRESS>
rm /opt/oki/tap/bin/flag_<queue name>

12 Restart your lpd.

Creating a print queue manually on Open UNIX

Log on to the root account. Open your UNIX/Linux editor. Create the following file. /usr/spool/lp/admins/lp/interfaces/<queue name>.conf Add a line as below in the <queue name>.conf. dest=<IP address> Save the file. Enter the following command: chmod +x <queue name>.conf Enter the following command: chown lp:lp <queue name>.conf Enter the following command: 8 ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP: lpadmin -p <queue name> -v /dev/null -I any \ -i /usr/lib/lp/model/net okicolor ES9160 MFP/ES9170 MFP: lpadmin -p <queue name> -v /dev/null -I any \ -i /usr/lib/lp/model/net_okibw Enter the following command: accept <queue name> Enter the following command: enable <queue name>

Changing the default values

You can change the default values of a print queue by the following procedure.

Confirm the interface file of which name is same as the print queue.

- This file contains all of the default settings and values that can be set. These values are case sensitive and must conform to the /bin/sh variable format. The interface file is saved in the following directory.
 - Solaris: /etc/lp/interfaces
 - HP-UX: /etc/lp/interface
 - IBM AIX: /opt/oki/tap/filter
 - Linux: /opt/oki/tap/interface
 - Open UNIX: /usr/spool/lp/admins/lp/interfaces

2 To edit the configuration file manually, add a line that include parameters and value.

- The configuration file is saved in following directory.
 - Solaris: /etc/lp/interfaces
 - HP-UX: /etc/lp/interface
 - IBM AIX: /opt/oki/tap/filter
 - Linux: /opt/oki/tap/interface
 - Open UNIX: /usr/spool/lp/admins/lp/interfaces
 - For example, to change the default orientation to Landscape, add the following line:

orient= "LANDSCAPE"

Deleting the print queue

There are two ways to delete the print queue: one is deleting a print queue using okicolorrm/okibwrm, and the other is deleting a print queue manually without using okicolorrm/okibwrm.

P.166 "Deleting a print queue using okicolorrm/okibwrm"

P.166 "Deleting a Print Queue Manually"

Deleting a print queue using okicolorrm/okibwrm

When you want to delete the queue using okicolorrm/okibwm, perform the following procedure.

- 1 Log on to the root account.
- **9** Enter the following command:
 - ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

okicolorrm <queue name>

ES9160 MFP/ES9170 MFP:

okibwrm <queue name>

Tips

- This command uses the system's lpadmin command to delete the print queue and configuration file.
- Restart the lpd under Linux.

Deleting a Print Queue Manually

You can also configure the print queue by deleting a print queue manually.

- The procedure varies depending on the operating systems.
- P.166 "Deleting a print queue manually on Solaris"
- P.166 "Deleting a print queue manually on HP-UX"
- P.167 "Deleting a print queue manually on IBM AIX"
- P.167 "Deleting a print queue manually on Linux"
- P.167 "Deleting a print queue manually on Open UNIX"

Deleting a print queue manually on Solaris

- 1 Log on to the root account.
 - Enter the following command:

lpadmin -x <queue name>

Enter the following command:

rm /etc/lp/interfaces/<queue name>.conf

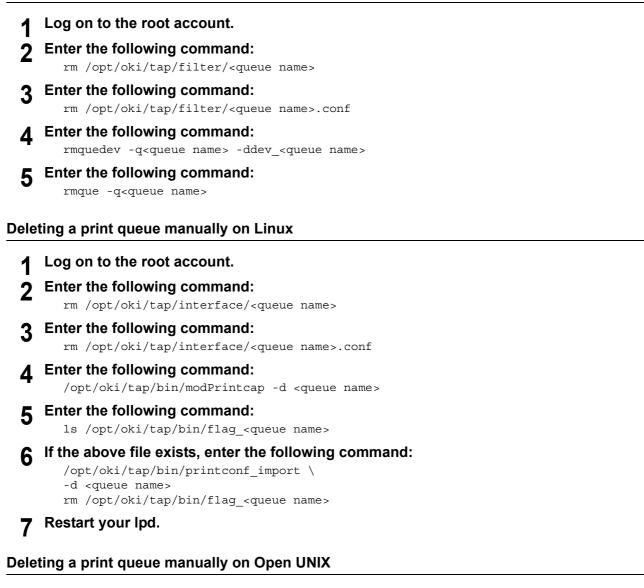
Deleting a print queue manually on HP-UX

Log on to the root acco	ount.
Enter the following con ps -ef grep lpsche	nmand: ed grep -iv grep > /dev/null 2>&1
Enter the following con echo \$?	nmand:
<pre>If "0" outputted on the /usr/sbin/lpshut > /</pre>	screen, turn the scheduler OFF. Enter the following command: /dev/null 2>&1
Enter the following con /usr/sbin/lpadmin ->	
Enter the following con rm /etc/lp/interface	
If "0" was outputted on command:	the screen in step 3, turn the scheduler ON. Enter the following
/usr/sbin/lpsched >	/dev/null 2>&1

1

7

Deleting a print queue manually on IBM AIX



- Log on to the root account.
- Enter the following command:

lpadmin -x <queue name>

3 Enter the following command: rm /usr/spool/lp/admins/lp/interfaces/<queue name>.conf

Setting Up the CUPS

When you want to configure UNIX/Linux printing using CUPS, you can use LPR printing or IPP printing.

Note

When printing using CUPS, the output paper size cannot be specified. If you want to specify the output paper size, use the UNIX/Linux filter.

About CUPS

This section describes the behavior, options, and installation method of the CUPS printer driver for the equipment. The behavior of the printer driver presented in this specification is consistent with CUPS v1.1.15. The driver may appear and/ or operate slightly differently in different versions.

In the CUPS environment, use a PostScript Printer Description (PPD) file, not a printer driver to configure the printing. The PPD file is included in this package.

Development Environment

The provided CUPS printer driver is supported on the following UNIX/Linux workstation.

• Red Hat 8.0 CUPS 1.1.18

Implementation Method

This driver consists of a PPD file that works in conjunction with an interface like XPP, KPrinter, etc. It can also be used on OSX in the same way that it is used on Linux, but this is not recommended.

Configuring UNIX/Linux printing using CUPS

You can configure the CUPS for LPR printing or IPP printing.

Installing the CUPS for LPR printing

The PPD must first be copied onto the local machine, the printer installed, and then the PPD configured. The printer is then installed and configured using CUPS via the browser. The PPD can be copied to the root directory and extracted. After extracting the PPD file, restart the CUPS daemon.

The PPD is placed in the "/usr/share/cups/model/oki" directory (which will require root privileges and the OKI directory may need to be created). The PPD can be simply copied to the appropriate directory and the CUPS daemon re-started.

- Insert the Client Utilities CD-ROM into the CD-ROM drive.
- Log on to the root account.
- **3** Copy the tar file into the root directory by entering the following command: ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

cp ES9460_9470_CUPS.tar or CX3535_4545_CUPS.tar ES9160 MFP/ES9170 MFP:

cp ES9160_9170_CUPS.tar

A tar file is included in the following folder in the CD-ROM:

- "Admin/CUPS/Usa/2-sided_default"
 - This PPD file enables to set 2-sided printing by default.
- "Admin/CUPS/Usa/normal" This PPD file enables to set 1-sided printing by default.

Tip

When this equipment is used in Europe, install the PPD file enabling 2-sided printing by default.

A Enter the following command:

cd /

Extract the tar file by entering the following command:

ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

tar xvf ES9460_9470_CUPS.tar or CX3535_4545_CUPS.tar

ES9160 MFP/ES9170 MFP:

5

tar xvf ES9160_9170_CUPS.tar

When you execute this command, the PPD file and filter file will be automatically installed in the correct directory.

- When you use other than Linux, or you do not use the CUPS system as the standard installation, proceed to the next step.
- When you use Linux and also use the CUPS system as the standard installation, proceed to step 11.

Copy the PPD file and filter file to the correct directory by entering the following command.:

ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

```
cd /usr/share/cups/model/oki
mv ES9460_9470_CUPS.gz or CX3535_4545_CUPS.gz
The target directory to which the PPD file is copied
```

cd /usr/lib/cups/filter/oki

mv esXXXX_Authentication or cxXXXX_Authentication
The target directory to which the filter file is copied
* "XXXX" is the model name of the OKI MFP.

ES9160 MFP/ES9170 MFP:

cd /usr/share/cups/model/oki mv ES9160_9170_CUPS.gz The target directory to which the PPD file is copied

cd /usr/lib/cups/filter/oki
mv esXXXX_Authentication
The target directory to which the filter file is copied
* "XXXX" is the model name of the OKI MFP.

7 Enter the following command:

cd the target directory to which the PPD file is copied

Enter the following command for extracting the PPD file:

ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

gunzip ES9460_9470_CUPS.gz or CX3535_4545_CUPS.gz ES9160 MFP/ES9170 MFP:

gunzip ES9160_9170_CUPS.gz

9 Change the following underlined description in the CX3535_4545_CUPS, ES9460_9470_CUPS or ES9160_9170_CUPS file (involved in the 60th line) to the correct directory.

*cupsFilter:"application/vnd.cups-postscript 0/usr/lib/cups/filter/oki/
XXXX_Authentication"
* "XXXX" is the model name of the OKI MFP.

10 Enter the following command for compressing the PPD file: ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP: gzip ES9460_9470_CUPS or CX3535_4545_CUPS ES9160 MFP/ES9170 MFP:

gzip ES9160_9170_CUPS

11 Enter the following command:

service lpd stop

When using the Red Hat Linux, proceed to the next step. When using other than the Red Hat Linux, proceed to step 17.

12 When using the Red Hat Linux, enter the following command:

/usr/bin/redhat-switch-printer

The [redhat-switch-printer] dialog box appears.

13 Select [CUPS] and click [OK].

The [information] dialog box appears.





Enter the following command:

service cups start

Note

If the CUPS has already been started, stop the CUPS service once by entering "service cups stop" command, and then enter the above command to restart the CUPS service.

16

Enter the following command:

/usr/bin/cupsconfig

The Common UNIX Printing System page appears. Skip to step 18.

17 Open the browser and locate CUPS by typing "http://localhost:631/" in the address box.

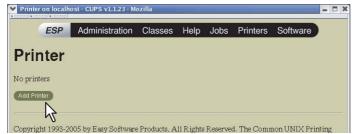
The Common UNIX Printing System page appears.

18 Click the [Manage Printers] link.



The Printer page is displayed.

19 Click [Add Printer].



The Admin page is displayed.

20 Enter the printer name, location, and description of the printer in each box and click [Continue].

ESP Admin	Administration	Classes	Help	Jobs	Printers	Software	
Admin							
Add New Print	ar						
1	Name:	9402					
Descri							

Note

If a new printer name is a duplicate of a name already in the printer list, the new printer will replace the original printer.

21 Select [LPD/LPR Host or Printer] in the [Device] box and click [Continue].

✓ Admin		st - CUPS v1.1.23 - Mo	zilla					-	
	ESP	Administration	Classes	Help	Jobs	Printers	Software		
Adn									
Devic		vice: LPD/LPR Host or	Printer	T					
	20	Continue	, inter	-					
		\sim							
Convrigi	Convright 1993-2005 by Easy Software Products. All Rights Reserved. The Common UNIX Printing								

22 Enter "Ipd://<IP address>/Print" in the [Device URI] box and click [Continue].

✓ Admin		ost - CUPS v1.1.23 - Mo	ozilla					_ 🗆 X
	ESP	Administration	Classes	Help	Jobs	Printers	Software)
Adn	nin							
Device	e URI for	1210030300/1207204	H#2022					
	Devic	http://hd http://hd ipp://hos lpd://hos socket://	ch/to/filenam ostname:631/i stname:631/i stname/ipp/ stname/ipp/po stname/queue	.pp/ .pp/port1 ort1	2	1		
Copyrigh	nt 1993-20	005 by Easy Softward	2 oducts, A	ll Rights	Reserved	I. The Comm	ion UNIX Prin	ting

Note

Make sure to capitalize the "P" in "Print" for the device URI.

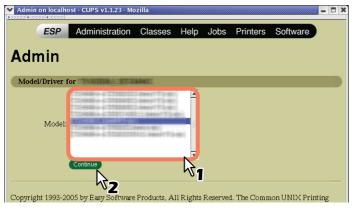
23 Select [OKIDATA] in the [Make] box and click [Continue].

ESP	Administration		Help	Jobs	Printers	Software	
Admin							
Model/Driver	_	22402					
	Make: C	aw MMO PSON P INIDATA ostscript OSHIBA jebra	1				
	005 by Easy Software						

Note

If you do not see [OKIDATA] in the [Make] list, restart CUPS.

24 Select the PPD in the [Model] list and click [Continue].



25 Confirm that the message notifying that the new printer has been properly added appears.



26 Go to the following page for configuring the print options:

□ Installing the CUPS for IPP printing

When you want to set up an IPP print queue in the Linux OS, follow the procedures here.

When IPP SSL is enabled on the equipment

When the IPP SSL is enabled on the equipment, you require the following settings on Linux OS.

- OpenSSL should be installed
- · CUPS should be configured with "--enable-ssl" option
- · HTTPS symbol should be created in the "/usr/lib/cups/backend" directory.
- 1. Open the console and login with root privileges.
 - Use "su" or "sudo -s" to login with root privileges.
- 2. Enter the following command: cd /usr/lib/cups/backend
- 3. Enter the following command:
 - ln -s ipp https
- 4. Restart the CUPS Service in Linux.
- · IPP/SSL certificates in the "/etc/cups" directory should be created.
 - 1. Enter the following command:
 - cd /etc/cups

```
mkdir ssl
```

2. Enter the following command:

```
openssl req -new -x509
-keyout /etc/cups/ssl/server.key
-out /etc/cups/ssl/server.crt -days 365 -nodes
```

Notes

- The above command must be entered as one continuous command with no carriage returns.
- The user will be prompted to enter country/state/province/locality/organization/organizational unit/common name and e-mail address.
- 3. Enter the following command:
 - chmod 600 /etc/cups/ssl/server.*
 - The "-nodes" option prevents the certificate and key from being encrypted. The cupsd process runs in the background, detached from any input source; if you encrypt these files then cupsd will not be able to load them.
- 4. Add the following lines in the cupsd.conf file in /etc/cups path.

SSLPort 443 ServerCertificate /etc/cups/ssl/server.crt ServerKey /etc/cups/ssl/server.key

5. Run the following command on the shell to restart the CUPS Server. Service cups restart

Insert the Client Utilities CD-ROM into the CD-ROM drive.

• Log on to the root account.

3 Copy the tar file into the root directory by entering the following command: ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

cp ES9460_9470_CUPS.tar or CX3535_4545_CUPS.tar

ES9160 MFP/ES9170 MFP:

```
cp ES9160_9170_CUPS.tar
```

A tar file is included in the following folder in the CD-ROM:

- "Admin/CUPS/Usa/2-sided_default"
 - This PPD file enables to set 2-sided printing by default.
- "Admin/CUPS/Usa/normal" This PPD file enables to set 1-sided printing by default.

Tip

When this equipment is used in Europe, install the PPD file enabling 2-sided printing by default.



Enter the following command:

```
Extract the tar file by entering the following command:
ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:
tar xvf ES9460 9470 CUPS.tar or CX3535 4545 CUPS.tar
```

ES9160 MFP/ES9170 MFP: tar xvf ES9160_9170_CUPS.tar

When you execute this command, the PPD file and filter file will be automatically installed in the correct directory.

- When you use other than Linux, or you do not use the CUPS system as the standard installation, proceed to the next step.
- When you use Linux and also use the CUPS system as the standard installation, proceed to step 11.

6 Copy the PPD file and filter file to the correct directory by entering the following command.:

ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

cd /usr/share/cups/model/oki mv ES9460_9470_CUPS.gz or CX3535_4545_CUPS.gz The target directory to which the PPD file is copied

```
cd /usr/lib/cups/filter/
mv esXXXX_Authentication or cxXXXX_Authentication
The target directory to which the filter file is copied
* "XXXX" is the model name of the OKI MFP.
```

ES9160 MFP/ES9170 MFP:

cd /usr/share/cups/model/oki mv ES9160_9170_CUPS.gz The target directory to which the PPD file is copied

cd /usr/lib/cups/filter/ mv esXXXX_Authentication The target directory to which the filter file is copied * "XXXX" is the model name of the OKI MFP.

Enter the following command:

cd the target directory to which the PPD file is copied

8 Enter the following command for extracting the PPD file: ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

gunzip ES9460_9470_CUPS.gz or CX3535_4545_CUPS.gz

ES9160 MFP/ES9170 MFP:

gunzip ES9160_9170_CUPS.gz

 9 Change the following underlined description in the CX3535_4545_CUPS, ES9460_9470_CUPS or ES9160_9170_CUPS file (involved in the 60th line) to the correct directory.

*cupsFilter:"application/vnd.cups-postscript 0/usr/lib/cups/filter/oki/ XXXX_Authentication"

* "XXXX" is the model name of the OKI MFP.

10 Enter the following command for compressing the PPD file: ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP:

gzip ES9460 9470 CUPS or CX3535 4545 CUPS

ES9160 MFP/ES9170 MFP:

gzip ES9160_9170_CUPS

Enter the following command:

service lpd stop

Note

If lpd is already stopped, "Failed" will be displayed.

- When using the Red Hat Linux, continue to the next step.
- When using other than the Red Hat Linux, skip to step 15.

12 When using the Red Hat Linux, enter the following command:

/usr/bin/redhat-switch-printer

The [redhat-switch-printer] dialog box appears.

13 Select [CUPS] and click [OK]. The [information] dialog box appears.

14 Click [OK].

1 G Enter the following command:

service cups start

Note

If the CUPS has already been started, stop the CUPS service once by entering "service cups stop" command, and then enter the above command to restart the CUPS service.

16 Enter the following command:

/usr/bin/cupsconfig

The Common UNIX Printing System page appears.

17 Open the browser and locate CUPS by typing "http://localhost:631/" in the address box.

The Common UNIX Printing System page appears.

Note

When IPP/SSL is enabled, specify "https://local host:443/" in the address field to access the Common UNIX Printing System.

18 Click the [Manage Printers] link.

The Printer page appears.

19 Add a new https printer by clicking [Add Printer].

Configure the parameters as: Name: <Any Name> Location: <Optional> Description: <Optional> Device: Internet Printing Protocol (http) Device URI: http://<IP address>:631/Print Model/Driver: OKI

Note

When IPP/SSL is enabled, specify as follows:

- **Device**: Internet Printing Protocol (https)
- Device URI: https://<IP address>:443/Print

Tip

Using CUPS Client (print commands lp, lpr, etc.) with -e option, the connection can be encrypted and printing can be done in the above configured printer.

20 Confirm that the message notifying that the new printer has been properly added appears.

21 Go to the following page for configuring the print options:

P.177 "Configuring print options"

Configuring print options

You can set the print options that are applied to the print jobs using CUPS.

1 Click the [Manage Printers] link on the startup page.

Common UNI	X Printing System - Me	ozilla				- 3
ESP	Administration	Classes	Help	Jobs	Printers	Software
Do Ad	ministrat	ion Ta	ask	<u>s</u>		
Manag	e Printer	Clas	<u>ses</u>			
On-Line Help						
Manage Jobs						
Manag	e Printer	s				
Download the Current CUPS Software						

The Printer page is displayed.

2 Select this equipment and then click [Configure Printer].



3 Configure the print options on the displayed page.

The underscored items are set by default.

ESP Administration Classes Help Jobs Printers Software	^
Admin	
Choose default options for	1
Booklet	
Booklet Center Margin: 0 points 💌 Booklet Outer Margin: 0 points 💌 Booklet Paper Size: None (Off) 🚽 Left to Right Page Layout: Right to Left © Left to Right Continue	
Color Settings 1	
Color Type: Color Distinguish Thin Lines: © Off © On Halftone: Auto r	
Color Settings 2	
Black Over Print; Text and Graphics	
Color Settings 3	
Color Balance - Black: 0 v Color Balance - Cyan: 0 v Color Balance - Magenta: 0 v Color Balance - Yellow: 0 v Continue	
Color Settings 4	

Option Value	Alternative Value	Description
Booklet Center Margin	<u>0</u> to 36 (in unit of 3 points)	Select the center margin.
Booklet Outer Margin	<u>0</u> to 72 (in unit of 6 points)	Select the outer margin.
Booklet Paper Size	None (Off) Letter A4 Legal Statement Ledger Folio A3 A5 B4 B5 Computer 13" LG 8.5" SQ 8K 16K	Select a paper size for the booklet. Each two pages are printed on both sides of a sheet which is then folded. The booklet size will be the half size of the paper size that you specify.
Left to Right Page Layout	Right to Left Left to Right	Select whether the booklet can be read from right to left or left to right.
[Continue] button	Determines the selected items.	

Booklet

Color Settings 1 (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Option Value	Alternative Value	Description		
Color Type	Auto	Select whether a print job is printed in color, mono, or twin color.		
	Color			
	Mono			
	Black and Red			
	Black and Green			
	Black and Blue			
	Black and Cyan			
	Black and Magenta			
	Black and Yellow			
	Black and White			
Distinguish Thin Lines	<u>Off</u> , On	Select whether to distinguish thin lines or not.		
Halftone	Auto	Select the appropriate processing on halftone images among		
	Detail	"Auto", "Detail (high density)" and "Smooth (smooth tone		
	Smooth	reproduction)".		
[Continue] button	Determines the selected items.			

Color Settings 2 (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Option Value	Alternative Value	Description
Black Overprint	Off, Text Text and Graphics	Select whether printing background content that has black text overlayed on it.
Image Type	General Photo Presentation Line Art	Select how colors are printed. The printer driver automatically applies proper image quality for selected job type.
PostScript Overprint	<u>Off</u> , On	Select whether to overprint an object that has been set so on an application. Note This option is selectable only when [Color] or [Auto] is selected in the [Color Type] box in the Color Settings 1 menu.
Pure Black and Gray	Off Black - Auto Black - Text Black - Text and Graphic Black - Text, Graphic and Image <u>Black and Gray - Auto</u> Black and Gray - Text Black and Gray - Text and Graphic Black and Gray - Text, Graphic and Image	Select whether printing the black and gray scale contents in a document using the black toner.
[Continue] button	Determines the selected items.	

Color Settings 3 (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Option Value	Alternative Value	Description
Color Balance - Black	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the density for black toner.
Color Balance - Cyan	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the density for cyan toner.
Color Balance - Magenta	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the density for magenta toner.
Color Balance - Yellow	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the density for yellow toner.
[Continue] button	Determines the selected items.	

Color Settings 4 (For the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP)

Option Value	Alternative Value	Description
Background Adjustment	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the density level of the background.
Brightness	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the brightness.
Contrast	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the contrast.
Saturation	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the saturation.
Sharpness	-4, -3, -2, -1, <u>0</u> , 1, 2, 3, 4	Select the sharpness.
Use Sharpness Filter	<u>Off</u> , On	Selecting this option allows you to adjust the sharpness for printing.
[Continue] button	Determines the selected items.	

Finishing

Option Value	Alternative Value	Description
Destination	ES9460 MFP/ES9470 MFP/CX3535 MFP/ CX4545 MFP Printer's Default Exit Tray Tray 1 Tray 2 ES9160 MFP/ES9170 MFP Printer's Default Job Separator Upper Job Separator Lower Tray 1 Tray 2	Select a destination.
Folding Hole Punch	Off, On Off Long Edge Punch without rotation Short Edge Punch without rotation Long Edge Punch with 180 degree rotation Short Edge Punch with 180 degree rotation	Select whether the Folding feature is enabled or not. Select the hole punch option.
Stapling	Off Upper Left (Portrait)/Upper Right (Landscape) Middle Left (Portrait)/Middle Top (Landscape) Lower Left (Portrait)/Upper Left (Landscape) Upper Right (Portrait)/Lower Right (Landscape) Middle Right (Portrait)/Middle Bottom (Landscape) Lower Right (Portrait)/Lower Left (Landscape) Middle Right (Portrait)/Lower Left (Landscape) Middle Top (Portrait)/Lower Left (Landscape) Middle Bottom (Portrait)/Middle Right (Landscape) Middle Bottom (Portrait)/Middle Left (Landscape) Saddle Stitch (Portrait)/Saddle Stitch (Landscape)	Select whether a print job is stapled or its locations. Note "Saddle Stitch (Portrait)/Saddle Stitch (Landscape)" can be selected only when the Saddle Stitch Finisher is installed.
[Continue] button	Determines the selected items.	1

General

Option Value	Alternative Value	Description
Collate	Yes, No	Select whether to collate exited paper.
Duplex	1-Sided	1-sided printing
	2-Sided, No Tumble (Long-Edge Binding)	2-sided printing (Long-edge binding)
	2-Sided, Tumble (Short-Edge Binding)	2-sided printing (Short-edge binding)
Media Size	A3, A4, A5, A6, B4, B5, Ledger, Legal, <u>Letter</u> , Statement, Folio, Computer, 13" LG, 8.5" SQ, 12 x 18", 305 x 457 mm, 8K, 16K, 320 x 450 mm, 320 x 460 mm	Select the paper size. Note "12 x 18", 305 x 457 mm, 320 x 450 mm, 320 x 460 mm" can be selected only for the ES9460 MFP/ES9470 MFP/ CX3535 MFP/CX4545 MFP.
Media Source	Auto (Default) Drawer 1 Drawer 2 LCF Drawer 3 Drawer 4 Bypass Tray Plain Thick 1 Thick 1 (Back) Thick 2 (Back) Thick 2 (Back) Thick 3 (Back) Thick 3 (Back) Thick 4 (Back) Transparency Recycled Special 1 Special 1 (Back) Special 2 Special 2 (Back) Thin	 Select the paper source. Notes "Thick 1 (Back), Thick 2 (Back), Thick 3 (Back), Thick 4 (Back), Recycled, Special 1, Special 1 (Back), Special 2, Special 2 (Back)" can be selected only for the ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP. "Thin" can be selected only for the ES9160 MFP/ ES970 MFP.
[Continue] button	Determines the selected items.	1

Options Installed

Option Value	Alternative Value	Description
Model Selection	OKI ES9460 MFP OKI ES9470 MFP OKI CX3535 MFP OKI CX4545 MFP OKI ES9160 MFP OKI ES9170 MFP	
Drawers	Not Installed Drawer 3 Drawer 3 and 4 LCF	Select an optional drawer.
Finisher	ES9460 MFP/ES9470 MFP/CX3535 MFP/CX4545 MFP Not Installed Hanging Finisher Saddle Stitch Finisher Saddle Stitch Finisher and Hole Punch ES9160 MFP/ES9170 MFP Not Installed Saddle Stitch Finisher Saddle Stitch Finisher and Hole Punch	Select the finishing option.
[Continue] button	Determines the selected items.	1

Printing Modes

Option Value	Alternative Value	Description
Department Code	<u>Disabled</u> Enabled	Select whether or not to use the department codes for printing. When this equipment is managed under the department codes, this option should be enabled.
Do not Print Blank Pages	<u>Off</u> , On	Select whether or not a blank page is printed.
Print Mode	<u>Normal</u> Proof Private - Password Hold	Select a print mode.
Toner Save	<u>Off</u> , On	Select whether to print in the toner save mode.
[Continue] button	Determines the selected items.	

Printing Modes DC

Option Value	Alternative Value	Description
Department Code (DC) - Digit 1 to Digit 5	<u>0</u> to 9	Specify the 5-digit department code when "Department Code" of "Printing Modes" is enabled. For the appropriate department code, ask your system administrator.
[Continue] button	Determines the selected items.	

Private Document Password

Option Value	Alternative Value	Description
Password - Digit 1 to Digit 5	<u>0</u> to 9	Specify the 5-digit document password when "Private - Password" is selected for "Print Modes".
[Continue] button	Determines the selected items.	

Banners

Option Value	Alternative Value	Description
Starting Banner	none	Select whether to print banner pages before printing documents. If you want to print them, select a banner type.
	classified	Classified information
	confidential	Confidential information
	secret	Secret information
	standard	Standard information
	topsecret	Top secret
	unclassified	Unclassified information
Ending Banner	none	Select whether to print banner pages after printing documents. If you want to print them, select a banner type.
	classified	Classified information
	confidential	Confidential information
	secret	Secret information
	standard	Standard information
	topsecret	Top secret
	unclassified	Unclassified information
[Continue] button	Determines the selected items.	+

PS Binary Protocol

Option Value	Alternative Value	Description
PS Binary Protocol	None, TBCP	Select whether to process print data in a binary format using PostScript and using TBCP protocol.
[Continue] button	Determines the selected items.	

□ Modifying printer

You can modify a printer that you have created.

- **1** Click the [Manage Printers] link on the startup page.
 - ESP Administration Classes Help Jobs Printers Software
 Do Administration Tasks
 Manage Printer Classes
 On-Line Help
 Manage Jobs
 Manage Printers
 Download the Orrent CUPS Software

The Printer page is displayed.

2 Click [Modify Printer].



3 Modify the location and description in each box and click [Continue].

Admin		ost - CUPS v1.1.23 - Ma	zilla					_ 🗆 X
	ESP	Administration	Classes	Help	Jobs	Printers	Software	
Adn	nin							
Modif	fy Printer	1203060000000000000000000000000000000000	4002					
		Name:	710220877					
	Lo	cation:						
	Descr	iption: Printer						
		Continue			31			
Copyrigi	ht 1993-20	005 by Easy Software	Products, Al	ll Rights	∎ Reserved	l. The Comm	ion UNIX Print	ing

Uninstalling printer

To uninstall a printer that you have created, carry out the following procedure.

1 Click the [Manage Printers] link on the startup page.

Common UNI	X Printing System - Mo	ozilla				
ESP	Administration	Classes	Help	Jobs	Printers	Software
Do Ad	ministrat	ion Ta	ask	<u>s</u>		
Manag	e Printer	Clas	ses			
On-Lir	ne Help					
Manag	<u>le Jobs</u>					
Manag	le Printer	<u>s</u>				
Downl	oad the C	Sirrei	nt C	UPS	S Soft	ware

The Printer page is displayed.

2 Click [Delete Printer].

	on localhost - CUPS v1.1.23 - Mozilla
ESP	Administration Classes Help Jobs Printers Software
-	
Default Destinati	
Default Destinati	
	Description: Location: Printer State: idle, accepting jobs. Device URI: 1pd://192.168.10.11/Print
Add Printer	Print Test Page Stop Printer Reject Jobs Modify Printer Configure Printer Delete Printer Set As Default

- When a message appears asking to remove the printer, click [Continue].
- The printer is deleted.
- **3** Delete the PPD file "CX3535_4545_CUPS.gz, ES9460_9470_CUPS.gz or ES9160_9170_CUPS.gz" from the "/usr/share/cups/model/oki" directory.

6

INSTALLING SCAN DRIVER AND UTILITIES

This chapter describes the installation of the scan driver and scan utilities.

Before Installation	
Type of scan driver and utilities	
System requirements	
Installing Scan Driver and Utilities	
Installing the scan driver and utilities using the installer	
Installing WIA driver to Windows Vista / Windows 7 / Windows Server 2008	191
Uninstalling Scan Driver and Utilities	

Before Installation

This section describes the installation of the scan driver and utilities. Before installing them, read this section.



Install the following utilities to use the network scan functions.

TWAIN driver

This software component enables you to import e-Filing documents into TWAIN-compliant applications.

File Downloader

This software component enables you to import e-Filing documents into your hard disk.

Remote Scan driver

You can use Remote Scan driver to import the scanned images into your TWAIN-compliant application.

WIA driver

You can use Remote Scan driver to import the scanned images into your WIA-compliant application.

System requirements

To install the scan driver and utilities on a Windows computer, the following is required.

- Display resolution 1024 x 768 dots or more
- Display color
- High Color (16 bit) or higher is recommended
- CPU
- Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended)

OS Windows XP Service Pack 2 or later Windows Vista Service Pack 1 or later Windows 7 Windows Server 2003 Service Pack 2 Windows Server 2008 Service Pack 1 or later

Notes

- TWAIN driver, File Downloader and Remote Scan driver are not supported by 64-bit editions of the operating systems listed above.
- WIA driver is not supported by 64-bit editions of Windows XP and Windows Server 2003.

U When the scan driver and utilities have been installed

If the scan driver and utilities have been installed from another OKI MFP Client Utilities CD-ROM, uninstall them, then install again from the Client Utilities CD-ROM.

When you uninstall the software, click [No] at the dialog box that displays the message to delete the settings for the scan driver and utilities so that you can restore the settings after installing the new one.

Installing Scan Driver and Utilities

This section describes how to install the scan driver and utilities.

Installing the scan driver and utilities using the installer

Perform installation corresponding to your Windows computer. However, you need to follow a different procedure when you install WIA driver into Windows Vista, Windows 7 or Windows Server 2008. For the installation procedure for these operating systems, see the following page:

P.191 "Installing WIA driver to Windows Vista / Windows 7 / Windows Server 2008"

Note

To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

If Windows Vista / Windows 7 / Windows Server 2008 is used, you can perform the installation by temporarily changing the user account following the procedure below.

- Open the "Setup" folder in a CD-ROM, and then double-click "Setup.exe".
- When the [User Account Control] dialog box is displayed, enter an administrator password, and then click [Yes] ([OK]).

▲ Insert the Client Utilities CD-ROM into the CD-ROM drive.

If Software Installer does not automatically start, use the Explorer to open the "Setup" folder in the Client Utilities CD-ROM and double-click "Setup.exe".

9 Select [I agree to the terms of the License Agreement.] and click [Next].

Select Languag English	e.
License Agreen	ent:
Please read the lic	ense agreement carefully.
Software License IMPORTANT If you do not agre this software.	Agreement he to the terms of this Software License Agreement ("Agreement"), you may not use
contained in the s indicating your ac	Agreement carefully before using the software and accompanying documentation torage media ("Licensed Software"). By installing the Licensed Software, you are ceptance of these terms and conditions and this Agreement is deemed effective sensee") and Oki Data Corporation ("Licensor").
	icense and Licensee accepts, a non-exclusive license to install the Licensed Software on which are directly or through network connected to Licensor's printer product or

- To change the display language, select the desired language from the [Select Language] box.
- The main menu is displayed.

Click [Scan Utility].

Recommended	Setup will install TWAIN Driver, File Downloader, Remote Scan driver and WIA Driver on this computer.
Printer Driver	
🛆 Scan Utility	
Fax Driver	
Custom Install	

△ Confirm the list of the software to install and click [Install].

I Software Installe	1	
OKI	Software Installer	
The following comp	ments are installed. wse button to change the product install	
File Downloader Remote Scan driver MFP		рап.
Product Install Path		Втоже
		Install Cancel
	L	

- You can change the folder where these programs are installed. Click [Browse] and, when the [Browse For Folder] dialog box appears, select a folder and click [OK].
- The installation starts.

5 When the installation is complete, click [Finish].

OKI Software Installer
OKI Software Installer
The following components were installed.
V III MEP(TWAIN)
✓ File Downloader
🗸 Remote Scan driver
V I BARRAN MFP
Cancel Finish

The main menu is displayed.

Note

The Installer may ask you to restart your computer. If it does, select "Yes, I want to restart my computer now." and click [Finish] to restart your computer.



Click [Exit].

When a message appears asking whether to finish the installation, click [Yes].

■ Installing WIA driver to Windows Vista / Windows 7 / Windows Server 2008

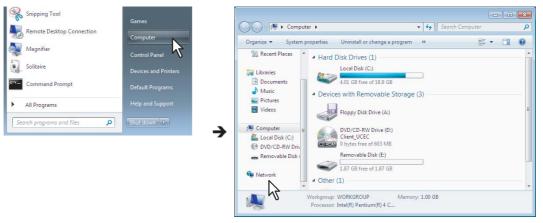
Perform installation corresponding to your Windows computer.

Notes

- When you are using Windows Server 2003 or Windows Server 2008, the following must be done before you install WIA driver to your computer.
 - For Windows Server 2003
 Select [Windows Image Acquisition (WIA)] from [Services] of [Administrative Tools], and change the Startup Type from [Disabled] to [Automatic].
 - For Windows Server 2008
 Install [Desktop Experience] from [Server Manager] of [Administrative Tools].
 Select [Windows Image Acquisition (WIA)] from [Services] of [Administrative Tools], and change the Startup Type from [Disabled] to [Automatic].
 Select [PnP-X IP Bus Enumerator] from [Services] of [Administrative Tools], and change the Startup Type from
- [Disabled] to [Automatic].
 To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software. However, if you have logged on with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the installation by temporarily changing the user account.

1 Open the [Network] screen.

- When you are using Windows 7
 - Click the start button, select [Computer] and click [Network].



 When you are using Windows Vista / Windows Server 2008 Click the start button and click [Network].



Note

To begin the installation of the WIA driver, you must first install the scan utilities to your computer. For instructions on how to install them to your computer, see the following page: P.189 "Installing the scan driver and utilities using the installer" **2** Select this equipment and right-click its name. Then click [Install].



• When you are using Windows 7, the installation begins. Proceed to step 4.

Т	ip		
Whe	en you click the	icon on the task	bar, the progress bar will be displayed as shown below.
ĺ	Driver Software Installation	n	
	Installing device drive	er software	
	WSD Print Device Series WSD Print Device	Ready to use Searching Windows Up Searching Windows Up	
	Obtaining device driver software Skip obtaining device driver software Skip obtaining driver Skip obtaining driv	ware from Windows Update might take a while re from Windows Update	le.
			Close

- When you are using Windows Vista or Windows Server 2008, [PnPX Device Association] is displayed on the task bar. Proceed to the next step.
- Click [PnPX Device Association] displayed on the task bar.



The installation begins.

3



Uninstalling Scan Driver and Utilities

You can uninstall the scan driver and utilities using the Uninstall a program function in Control Panel. For instructions on how to uninstall them, refer to the following section.

Uninstalling WIA driver

When you uninstall WIA driver from Windows Vista, Windows 7 or Windows Server 2008, follow steps 1 and 2 of the installation procedure (start button \rightarrow [Network] \rightarrow this equipment). Then right-click its name and click [Uninstall]. Then the uninstallation is performed.

INSTALLING NETWORK FAX UTILITIES

7

This chapter describes the installation of the network fax utilities.

Before Installation	
Type of network fax utilities	
System requirements	
Installing Network Fax Utilities	
Installing Web Service Print	
Uninstalling the Network Fax Software	
Uninstalling Fax driver	
Uninstalling AddressBook Viewer	

Before Installation

This section describes the installation of the network fax utilities. Before installing them, read this section.

Type of network fax utilities

Install the following utilities to use the network fax functions.

Fax driver

The Fax driver enables you to set up send lists and send electronic documents from your client computer to one or more destinations. You print to the fax much in the same way that you would choose to print to a designated printer, which makes using the Fax driver quick and simple. You can select the fax properties. Fax properties are the attributes you can set to define sender and recipient information for processing fax jobs such as dialing options, sender information, fax resolution and page layout.

Other features include an easy-to-use fax scheduler that allows you to set up a date and time to transmit your fax. Cover page options are also provided. You can include a customized cover page with your fax transmission that can include sender and recipient fax information and a detailed message. You can easily maintain sender and contact information that can be printed on the cover pages.

AddressBook Viewer

With the AddressBook Viewer you can easily add or modify fax recipient names, fax numbers, and E-mail addresses to the Address Book. This utility allows you to manage recipients of the fax, select and display fax recipients from the Address Book, as well as recipient fax numbers and other contact information.

Additionally, AddressBook Viewer allows you to import or export address book data to or from other address book programs compatible to this equipment.

System requirements

To install the Fax driver and AddressBook Viewer on a Windows computer, the following is required.

- Display resolution
 - 1024 x 768 dots or more
- Display color High Color (16 bit) or higher is recommended
 CPU
- Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended)
- Memory
- The required memory size for OS
- OS

Windows XP Service Pack 2 or later Windows Vista Service Pack 1 or later Windows 7 Windows Server 2003 Service Pack 2 Windows Server 2008 Service Pack 1 or later

UWhen network fax utilities and AddressBook Viewer have been installed

If the Fax driver and AddressBook Viewer have been installed from another OKI MFP Client Utilities CD-ROM, uninstall them, then install again from the Client Utilities CD-ROM.

When you uninstall the AddressBook Viewer, click [No] at the dialog box that displays the message to delete the settings for the AddressBook Viewer so that you can restore the settings after installing the new one.

If you want to reinstall the Fax driver, first uninstall the existing one and restart your computer.

Installing Network Fax Utilities

Perform installation corresponding to your Windows computer.

Note

To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

If Windows Vista / Windows 7 / Windows Server 2008 is used, you can perform the installation by temporarily changing the user account following the procedure below.

- Open the "Setup" folder in a CD-ROM, and then double-click "Setup.exe".
- When the [User Account Control] dialog box is displayed, enter an administrator password, and then click [Yes] ([OK]).

1 Insert the Client Utilities CD-ROM into the CD-ROM drive.

If Software Installer does not automatically start, use the Explorer to open the "Setup" folder in the Client Utilities CD-ROM and double-click "Setup.exe".

2 Select [I agree to the terms of the License Agreement.] and click [Next].

agreement carefully.	
eement	1
the terms of this Software License Agreement ("Agreement"), you may not use	Tuni I
ge media ("Licensed Software"). By installing the Licensed Software, you are tance of these terms and conditions and this Agreement is deemed effective	
Licensee accepts, a non-exclusive license to install the Licensed Software on	
	earement caretay. eement terms of this Software License Agreement ("Agreement"), you may not use sement carefully before using the software and accompanying documentation ge media ("Licensed Software"). By installing the Licensed Software, you are afrace of these terms and conditions and the Agreement is deemed effective terms of those terms and conditions and the Agreement is deemed effective terms accession ("Licenses"). Software of those terms of those to install the Licensed Software on is and effective of though network concreted to Licensed's private product of the are directive or through network concreted to Licensed's private product of the are directive or through network concreted to Licensed software on the are directive or through network concreted to Licensed software on the are directive or through network concreted to Licensed software on the are directive or through network concreted to Licensed software on the are directive on though network concreted to Licensed to Software on the are directive on the software on the software on the through network concreted to Licensed to the software on the are directive to though network concreted to Licensed to the software on the are directive to though network concreted to Licensed to the through network concreted to Licensed to the though network concreted to Licensed to the software on the through network concreted to Licensed to the software on the through network concreted to Licensed to the through network concreted to Licensed to the the terms of the term of term of term of term of the term of the term of the term of the term of term of term of the term of the term of term of

- To change the display language, select the desired language from the [Select Language] box.
- The main menu is displayed.

3 Click [Fax Driver].

Recommended	Setup will install Fax Driver and AddressBook Viewer on this computer.
Printer Driver	Ĩ
🛆 Scan Utility	1
Fax Driver	
Custom Install	

4 Confirm the list of the software to install and click [Install].

Software Installer		
OKI	Software Installer	
The following compone Please push the browse	nts are installed. s button to change the product install path.	
MFP(FAX) AddressBook Viewer		
Product Install Path:		
C:¥Program Files¥Okidata¥	TT	Browse
C.¥Program Files¥Okidata¥		Browse

You can change the folder where these programs are installed. Click [Browse] and, when the [Browse For Folder] dialog box appears, select a folder and click [OK].

Note

When you want to verify and/or change the SNMP settings to find the target OKI MFPs, see step 4 in the following section:

P.26 "Procedure for Recommended Installation"

Since the subsequent procedure is the same as that for printer driver installation, the steps are omitted. See the following pages according to the connection environment.

P.39 "Raw TCP/LPR printing"

P.49 "SMB printing"

Installing Web Service Print

You can install a Fax driver in Windows Vista / Windows 7 / Windows Server 2008 using the WSD (Web Services on Devices) protocol. Since the installation procedure is the same as for printer drivers, it is omitted. When performing installation, see the following page: P.102 "Web Service Print"

Uninstalling the Network Fax Software

The following instructions explain how to uninstall the Fax driver and AddressBook Viewer.

Uninstalling Fax driver

You can uninstall a Fax driver. Since the uninstallation procedure is the same as for printer drivers, it is omitted. When performing uninstallation, see the following page:

Uninstalling AddressBook Viewer

You can uninstall AddressBook Viewer using Uninstall a program function in Control Panel. For instructions on how to uninstall them, refer to the following section.

8

INSTALLING e-Filing BACKUP/RESTORE UTILITIES

This chapter describes the installation of the e-Filing Backup/Restore utilities.

Before Installation	
System requirements	
Installing e-Filing Backup/Restore Utilities	
Uninstalling e-Filing Backup/Restore Utilities	

Before Installation

This section describes the installation of the e-Filing Backup/Restore utilities. Before installing them, read this section.

System requirements

To install the e-Filing Backup/Restore Utility on a Windows computer, the following is required.

- Display resolution
 - 1024 x 768 dots or more
- Display color
 - High Color (16 bit) or higher is recommended
- CPU
 - Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended)
- Memory
 The required memory size for OS
- OS

Windows XP Service Pack 2 or later Windows Vista Service Pack 1 or later Windows 7 Windows Server 2003 Service Pack 2 Windows Server 2008 Service Pack 1 or later

• Required software

Microsoft Internet Explorer 5.5 Service Pack 2 or later (Internet Explorer 7.0 or later when IPv6 is used) Microsoft Internet Explorer is enabled to access the e-Filing web utility on this equipment.

- The proxy settings must be configured correctly to enable access.
- The browser must not be offline.

Notes

- The e-Filing Backup/Restore utility is not supported by 64-bit editions of the operating systems listed above.
- To backup/restore e-Filing data using e-Filing Backup/Restore utility, the FTP server option that can be set in the network settings of TopAccess must be enabled.

Installing e-Filing Backup/Restore Utilities

Perform installation corresponding to your Windows computer.

Note

To perform installation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software.

If Windows Vista / Windows 7 / Windows Server 2008 is used, you can perform the installation by temporarily changing the user account following the procedure below.

- Open the "Admin\e-FilingUtility" folder in a CD-ROM, and then double-click "Setup.exe".
- When the [User Account Control] dialog box is displayed, enter an administrator password, and then click [Yes] ([OK]).

1 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When you insert the Client Utilities CD-ROM into the CD-ROM drive, Software Installer may launch automatically. In this case, click [Exit] to close it and continue the operation.

2 Open "Admin\e-FilingUtility" folder and double-click "setup.exe".

Organize 🔹 🛛 Burn to d	isc			· ·	0
📕 Downloads 🛛 🔦	Name	Date modified	Type	Size	
🔛 Recent Places	1040.mst	2/9/2011 9:05 AM	MST File	54 KB	
	1041.mst	2/9/2011 9:05 AM	MST File	74 KB	
📜 Libraries	1043.mst	2/9/2011 9:05 AM	MST File	52 KB	
Documents	1044.mst	2/9/2011 9:05 AM	MST File	47 KB	
🌙 Music	1045.mst	2/9/2011 9:05 AM	MST File	50 KB	
E Pictures	🗋 1049.mst	2/9/2011 9:05 AM	MST File	48 KB	
Videos	1053.mst	2/9/2011 9:05 AM	MST File	47 KB	
	2052.mst	2/9/2011 9:05 AM	MST File	37 KB	
🖳 Computer	🛃 eSBKRT	2/9/2011 9:05 AM	Windows Installer	6,135 KB	
🚢 Local Disk (C:)	🚳 eSTenc.dll	12/28/2010 6:49 Pt	Application extens	176 KB	
ローカルディス	🚳 eSThs.dll	7/6/2010 6:03 PM	Application extens	132 KB	
ボリューム (E:)	🔄 instmsia	5/16/2006 10:58 Pf	Application	1,669 KB	
A DVD/CD-RW Driv	💭 instruciu	5/16/2006 10:58 Pf	A Application	1,780 KB	
Removable Disk	🛃 Setup	2/9/2011 9:04 AM	Application	304 KB	
	a setup	Type: Application	Configuration sett	3 KB	
📭 Network	SetupConfig	Size: 304 KB	Configuration sett	1 KB	
	V_eSBKRT	Date modified: 2/9/2011 9:04 AM AN	Configuration sett	1 KB	

The [Choose Setup Language] dialog box appears.

3 Select your language and click [OK].



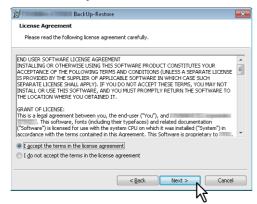
The [InstallShield Wizard] dialog box appears.

▲ Click [Next].

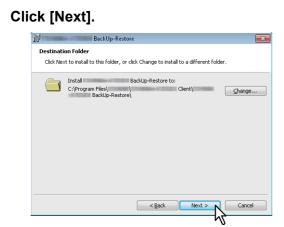
😥 🗆 BackUp	o-Restore
	Welcome to the InstallShield Wizard for BackUp-Restore
	The InstallShield(R) Wizard will install BackUp-Restore on your computer. To continue, click Next.
2	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel
	×5

The [License Agreement] dialog box appears.

5 Select "I accept the terms in the license agreement" and click [Next].



The [Destination Folder] dialog box appears.



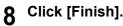
- If you want to change where the programs are installed, click [Change]. In the dialog box appears, select the folder and click [OK].
- [Ready to Install the Program] dialog box appears.

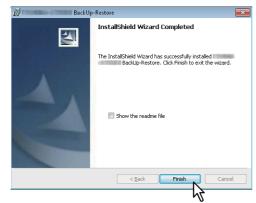
7 Click [Install].

6

الو	The BackUp-Restore
R	eady to Install the Program
	The wizard is ready to begin installation.
	Click Install to begin the installation.
	If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
	< Back Install Cancel

Starts copying files and the InstallShield Wizard Completed screen displayed when copying is completed.





The installation is completed.

Note

The Installer may ask you to restart your computer. If it does, select "Yes", I want to restart my computer now." and click [Finish] to restart your computer.

Uninstalling e-Filing Backup/Restore Utilities

You can uninstall e-Filing Backup/Restore utilities using the Uninstall a program function in Control Panel. For instructions on how to uninstall them, refer to the following section.

9

INSTALLATION MAINTENANCE

This chapter describes how to uninstall and repair the client software using the set-up program.

Uninstalling Client Software	
Windows Vista / Windows 7 / Windows Server 2008	
Windows XP / Windows Server 2003	
Repairing Client Software	211

Uninstalling Client Software

The following describes how to uninstall client software. Perform uninstallation corresponding to your Windows computer.

P.208 "Windows Vista / Windows 7 / Windows Server 2008"
 P.209 "Windows XP / Windows Server 2003"

Notes

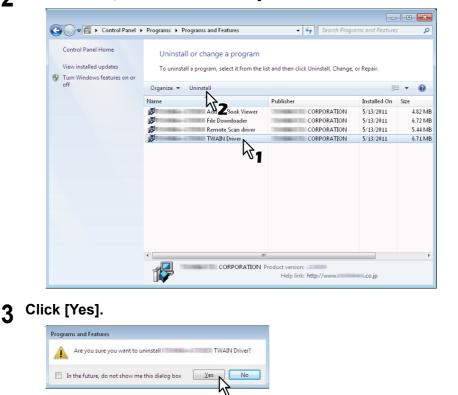
- The printer drivers and Fax driver cannot be uninstalled by the set-up program. For instructions on how to uninstall them, refer to the following section.
- P.109 "Uninstalling Printer Drivers"
- To perform uninstallation, you must log onto Windows with the "Administrator" account; this enables the installation and uninstallation of client software. However, if you have logged onto Windows Vista/Windows 7/Windows Server 2008 with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the uninstallation by temporarily changing the user account.

Windows Vista / Windows 7 / Windows Server 2008

Click the start button, select [Control Panel] and click [Uninstall a program].



2 From the list, select the software you want to remove and click [Uninstall].



▲ Click [Yes] to delete the setting files.

	settings for the following components?
TWAI	N Driver
	Yes No

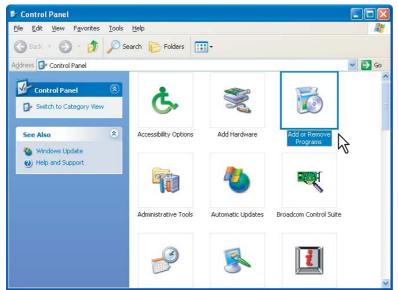
Deleting files starts.

Note

If you want to reinstall the client software later, click [No] to have the setting files remain. You can restore the data and settings when you reinstall the client software.

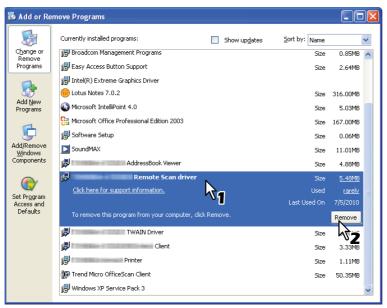
Windows XP / Windows Server 2003

1 Click the start button, select [Control Panel] and double-click [Add or Remove Programs].



The Add or Remove Programs dialog box appears.

2 From the list, select the software you want to remove and click [Remove].



3 Click [Yes].

2)	Are you sure you want to remove	Remote Scan driver from your computer
Y		
	Yes N	No

4 Click [Yes] to delete the setting files.

Remote Scan driver
Do you want to delete the settings for the following components? Remote Scan driver

Deleting files starts.

Note

If you want to reinstall the client software later, click [No] to have the setting files remain. You can restore the data and settings when you reinstall the client software.

Repairing Client Software

When the client software will not work correctly, you can repair it.

The following describes an installation on Windows Vista. The procedure is the same when other versions of Windows are used.

Notes

- The printer drivers, Fax driver, and WIA driver cannot be repaired by the set-up program. To repair them, uninstall them and install again.
- Do not repair client software on Windows XP in which the Service Pack 2 is not installed. In that case, uninstall the client software and then install it again to repair it.
- To repair the client software, you must log onto Windows with the "Administrator" account. However, if you have logged onto Windows Vista/Windows 7/Windows Server 2008 with a user account other than "Administrator", entering an administrator password upon display of the [User Account Control] dialog box enables you to perform the operation by temporarily changing the user account.

Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the Auto Play menu appears. Click [Open folder to view files] to open the software folder.

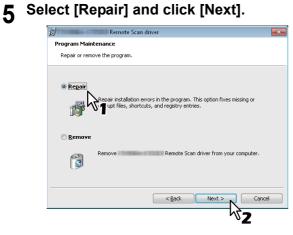
- **2** Open the software folder that you want to repair and double click the [setup.exe] icon.
 - To repair TWAIN Driver, locate
 - "[Client Utilities CD-ROM]:\Client\TWAIN".
 - To repair File Downloader, locate "[Client Utilities CD-ROM]:\Client\FD".
 - To repair Remote Scan Diver, locate "[Client Utilities CD-ROM]:\Client\RS".
 - To repair AddressBook Viewer, locate
 "[Client Utilities CD-ROM]:\Client\ADRBK\32".
 - To repair AddressBook Viewer (for Windows 64-bit edition OSs), locate "[Client Utilities CD-ROM]:\Client\ADRBK\64".

3 Select the language and click [OK].

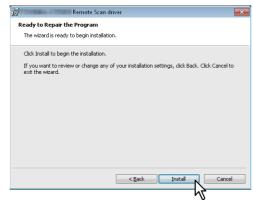


▲ Click [Next].



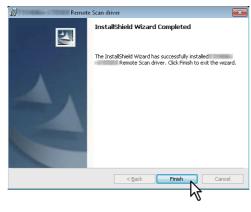


6 Click [Install].



Repairing files starts.

7 Click [Finish] to close the wizard.



INDEX

ES9160 MFP/ES9170 MFP ES9460 MFP/ES9470 MFP CX3535 MFP/CX4545 MFP

	٠	٠	٠	•	٠	•	٠	٠	٠	•	٠	•	•	٠	•	•	•	•	•	•	•	•	٠	٠
	•	•	۰	٠	٠	٠	•	۰	٠	*	٠	٠	•	٠	٠	•	٠	٠	•	٠	٠	•	•	٠
	•	•	٠	•	•	•	•	٠	٠	•	•	•	•	•	•	•	٠	٠	•	٠	٠	•	٠	٠
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	٠	٠	۰	۰	٠	٠	٠	۰	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠
	•	٠	٠	٠	٠	٠	•	٠	٠	•	٠	•	•	٠	٠	•	٠	٠	٠	٠	٠	•	•	٠
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	•	٠	۰	٠	٠	•	•	۰	٠	٠	٠	•	٠	٠	•	•	٠	٠	٠	٠	٠	•	٠	٠
	•	٠	٠	٠	٠	٠	•	٠	٠	•	٠	•	•	٠	•	•	٠	٠	٠	٠	٠	•	•	٠
	٠	٠	۰	٠	٠	٠	•	۰	٠	*	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	٠	•	٠	٠
	•	•	٠	٠	٠	•	•	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	٠	•	•	٠	٠	•	٠

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