

# Notes for Administrators: Using This Machine in a Network Environment Compliant with IEEE Std 2600.2™-2009

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# 1. Notes for Administrators

# Introduction

This product is a multifunction printer (MFP) certified in an operating environment complying with the requirements of the Common Criteria for Information Technology Security Evaluation (CC certification). Be sure to read the booklet carefully and understand its contents thoroughly.

The official name of IEEE Std 2600.2<sup>TM</sup>-2009 is U.S. Government Approved Protection Profile - U.S. Government Protection Profile for Hardcopy Devices Version 1.0 (IEEE Std 2600.2<sup>TM</sup>-2009)(Version: 1.0).

## **Before Applying the Security Functions**

The person responsible for acquiring this machine must appoint competent personnel as the administrators (including the machine supervisor) and instruct them to read the administrator manuals listed below.

- Security Guide
- About This Machine
- Notes for Administrators: Using This Machine in a Network Environment Compliant with IEEE Std 2600.2<sup>TM</sup>-2009

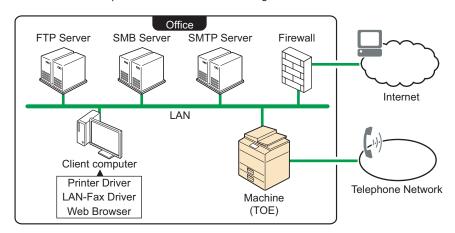
To securely operate the machine, administrators must keep these manuals handy.

All other manuals are for general users.

Before applying any security functions, administrators must read and fully understand "Before Configuring the Security Function Settings" in Security Guide.

# **CC-Certified Operating Environment**

CC evaluation was performed under the following environment.



CJL10

IT Products	Names/Versions of Evaluated IT Products
Printer Driver	PCL6 Driver 1.1.0.0
LAN-Fax Driver	LAN-Fax Driver 7.1.0.0
Web Browser	Internet Explorer 9.0 and 11.0 for Windows

# Important

- You can connect necessary IT products to the MFP over the network or telephone line in your operating environment.
- If this machine's LAN (local area network) is connected to an external network, be sure to use a
  firewall or some other means to block any unused ports. Check which ports are required and block
  any that are not.
- Use only CC-conformant or later (post-CC-conformant) versions of the PCL6 and LAN-Fax drivers.
   If you use a post-CC-conformant driver version, check the revision history to make sure there has been no security-related revision to the CC-conformant version. You can download the drivers from the manufacturer's website.
- To install the LAN-Fax driver, enter the machine's IP address or host name in the [Printer URL] box
  as follows (also described in "Using the SmartDeviceMonitor for Client port" in "Specifying the Port
  When Installing the LAN-FAX Driver" in "Installing the LAN-Fax Driver", Driver Installation Guide):
  - https://(machine's IP address or host name)/printer

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- To install the printer driver, enter the machine's IP address or host name in the [URL:] box as follows (also described in "Using the IPP Port" in "Installing the Printer Driver for the Selected Port", Driver Installation Guide):
  - https://(machine's IP address or host name)/printer

#### MFPs Explained in This Manual

Check the rating plate, so that the MFP you are using is included in the models listed below:

Ricoh MP C306ZSP, Ricoh MP C406ZSP,

Lanier MP C306ZSP, Lanier MP C406ZSP,

nashuatec MP C306ZSP,

Rex-Rotary MP C306ZSP,

Gestetner MP C306ZSP, Gestetner MP C406ZSP,

infotec MP C306ZSP

This manual is applicable to the models listed above only if Fax Option Type M13 is installed on them.

Ricoh MP C306ZSPF, Ricoh MP C406ZSPF,

Savin MP C306ZSPF, Savin MP C406ZSPF,

Lanier MP C306ZSPF, Lanier MP C406ZSPF,

nashuatec MP C306ZSPF, nashuatec MP C406ZSPF,

Rex-Rotary MP C306ZSPF, Rex-Rotary MP C406ZSPF,

Gestetner MP C306ZSPF, Gestetner MP C406ZSPF,

infotec MP C306ZSPF, infotec MP C406ZSPF

# **Checking Versions for CC Conformance**

The version of CC-certified target of evaluation (TOE) is E-1.01. The versions of the firmware and hardware corresponding to version E-1.01 TOE are shown below. When using an MFP, you can display the firmware and hardware versions.

Primary Classification	Secondary Classification	Version
Firmware	System/Copy	1.05
	Network Support	15.21
	Fax	01.00.01
	RemoteFax	01.00.00
	Scanner	01.13
	Web Support	1.04
	Web Uapl	1.02
	animation	2.02
	NetworkDocBox	1.02
	Printer	1.03
	RPCS	3.18.12
	Font EXP	1.00
	PCL	1.01
	PCL Font	1.14
	PS3	1.00
	PDF	1.01
	PS3 Font	1.11
	Java VM v12 std	12.18.11
	Data Erase Onb	1.00
	GWFCU3.8-9(WW)	01.00.00
	PowerSaving Sys	F.26
	M2a_System	1.05
	M2a_cspf	2.00.06

Primary Classification	Secondary Classification	Version
Firmware	M2a_ICCdDisptch	2.11.00
	M2a_IDCardCopy	1.01
	M2a_iWnn	2.3.3
	M2a_iWnn_Hang	1.0.0
	M2a_iWnn_Hans	1.0.0
	M2a_iWnn_Hant	1.0.0
	M2a_LegacyUI	1.01
	M2a_NFCPlugin	2.11.00
	M2a_ProgramInfo	1.9
	M2a_QRCode_SDC	1.2.0
	M2a_QuickCdAuth	2.11.00
	M2a_ScanToME	1.00
	M2a_ScnFldrHlpr	1.01
	M2a_SimpleCopy	1.03
	M2a_SimpleFAX	1.01
	M2a_SimpleScan	1.01
	M2a_USBCdPlugin	2.11.00
	M2a_WEcoInfo	1.00
	M2a_WFaxInfo	1.00
	M2a_WLanguage	1.01
	M2a_WStopKey	1.00
	M2a_WTonner	1.00
	Engine	1.08:03
Hardware	Ic Key	01020714
	Ic Hdd	3330

You can check the firmware and hardware versions of this machine from the control panel as follows:

- 1. Press [Home] ( at the bottom of the screen in the center.
- 2. Flick the screen to the left, and then press the [User Tools] icon (2.).
- 3. Press [Machine Features].
- 4. Press [System Settings].
- 5. Press [Administrator Tools].
- 6. Press [Firmware Version].

#### **MultiLink-Panel firmware**

Primary Classification	Secondary Classification	Version
Firmware	Firmware	1.05
	Keymicon	5.03
	Change Langs. Widget	1.01
	CSPF	2.00.06
	Eco-friendly Widget	1.00
	Fax RX File Widget	1.00
	ICCardDispatcher	2.11.00
	ID Card Copy	1.01
	iWnn IME	2.3.3
	iWnn IME Chinese(Simplified) Pack	1.0.0
	iWnn IME Chinese(Traditional) Pack	1.0.0
	iWnn IME Korean Pack	1.0.0
	LegacyUI type-1	1.01
	LegacyUIData	2.02
	ProgramInfoService	1.9
	Proximity Card Reader Support Plugin	2.11.00

Primary Classification	Secondary Classification	Version
Firmware	Quick Card Authentication Config.	2.11.00
	Quick Copy	1.03
	Quick Fax	1.01
	Quick Scanner	1.01
	Scan to Folder Helper	1.01
	Scan to Me	1.00
	Smart Device Connector	1.2.0
	Standard IC Card Plugin	2.11.00
	Stop Widget	1.00
	Supply Info Widget	1.00

You can check the firmware version of the MultiLink-Panel from the control panel as follows:

- 1. Press [Home] ( at the bottom of the screen in the center.
- 2. Flick the screen to the left, and then press the [User Tools] icon (3).
- 3. Press [Screen Features].
- 4. Press [Screen Device Settings Information].
- 5. Press [Software Version List].

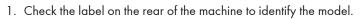
#### Manuals

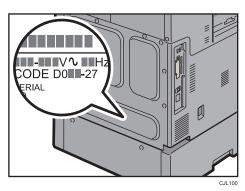
The reference numbers of the CC-certified manuals and the model numbers of the machines covered by the manuals are as follows:

#### Identifying the model

- Mainly Europe
  - "-27"
- Mainly North America
  - "-1*7*"
- Mainly Asia
  - "-29"

In the following example, the machine's model number ends with "-27".





2. Check whether the model number on the label ends with "-27".



 Do not use the supplied "MP C306/C406 series User Guide" or the manuals on the supplied CDROM.

## 1. Manual reference numbers for "-27" models

#### Paper Manuals

Manual Name	Reference Number
Read This First	D219-7007A
Notes for Using This Machine Safely	D219-7074
For Users of This Product	D219-7455
Note to users in EU Countries	D150-1469
Note to users	D219-7475A
SOFTWARE LICENSE AGREEMENT	D193-7657
NOTICE TO USERS	D193-7659
Start Guide	D219-7068A

#### Online Manuals (Website 1)

Manual Name	Reference Number
About This Machine	D219-7106
Copy/Document Server	D219-7107
Fax	D219-7108

Manual Name	Reference Number
Print	D219-7109
Scan	D219-7110
Troubleshooting	D219-7111
Connecting the Machine/System Settings	D219-7112
Security Guide	D219-7113
Extended Feature Settings	D219-7114
PostScript 3	D219-7115
Appendix	D219-7116

To see the listed manuals, use the computer's browser to access the following website:

 $https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/booklist/int/index\_book.htm$ 

#### Online Manuals (Website 2)

Manual Name	Reference Number
User Guide	D219-7117

To see the listed manuals, use the computer's browser to access the following website:

https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/User.html

#### Online Manuals (Website 3)

Manual Name	Reference Number
MP C306/C406 series	D219-7118
Operating Instructions	
Driver Installation Guide	

To see the listed manuals, use the computer's browser to access the following website:

https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/DriverInstall.html

#### Online Manuals (Website 4)

Manual Name	Reference Number
About Open Source Software License	D219-7104

To see the listed manuals, use the computer's browser to access the following website: https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/Oss.html

#### Online Manuals (Website 5)

Manual Name	Reference Number
Notes on Security Functions	D146-7587
Notes for Administrators: Using This Machine in a Network Environment Compliant with IEEE Std 2600.2 <sup>TM</sup> -2009	D219-7121

The URLs of the websites to see the listed manuals are in "Manuals for This Machine", MP C306/C406 series Read This First.

#### 2. Manual reference numbers for "-17" models

#### Paper Manuals

Manual Name	Reference Number
Read This First	D219-7008A
Notes for Using This Machine Safely	D219-7074
For Users of This Product	D219-7454
Notes to Users in the United States of America	D219-7458A
Notes to users in Canada	D219-7461A
Note to users	D219-7475A
SOFTWARE LICENSE AGREEMENT	D193-7657
NOTICE TO USERS	D193-7659
Start Guide	D219-7069A

#### Online Manuals (Website 1)

Manual Name	Reference Number
About This Machine	D219-7106

Manual Name	Reference Number
Copy/Document Server	D219-7107
Fax	D219-7108
Print	D219-7109
Scan	D219-7110
Troubleshooting	D219-7111
Connecting the Machine/System Settings	D219-7112
Security Guide	D219-7113
Extended Feature Settings	D219-7114
PostScript 3	D219-7115
Appendix	D219-7116

To see the listed manuals, use the computer's browser to access the following website:

 $https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/booklist/int/index\_book.htm$ 

#### Online Manuals (Website 2)

Manual Name	Reference Number
User Guide	D219-7117

To see the listed manuals, use the computer's browser to access the following website:

https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/User.html

#### Online Manuals (Website 3)

Manual Name	Reference Number
MP C306/C406 series	D219-7118
Operating Instructions	
Driver Installation Guide	

To see the listed manuals, use the computer's browser to access the following website:

https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/DriverInstall.html

#### Online Manuals (Website 4)

Manual Name	Reference Number
About Open Source Software License	D219-7104

To see the listed manuals, use the computer's browser to access the following website: https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/Oss.html

#### Online Manuals (Website 5)

Manual Name	Reference Number
Notes on Security Functions	D146-7587
Notes for Administrators: Using This Machine in a Network Environment Compliant with IEEE Std 2600.2 <sup>TM</sup> -2009	D219-7121

The URLs of the websites to see the listed manuals are in "Manuals for This Machine", MP C306/C406 series Read This First.

#### 3. Manual reference numbers for "-29" models

#### Paper Manuals

Manual Name	Reference Number
Read This First	D219-7009A
Notes for Using This Machine Safely	D219-7075
For Users of This Product	D219-7454
Note to users	D219-7475A
SOFTWARE LICENSE AGREEMENT	D193-7657
NOTICE TO USERS	D193-7659
Start Guide	D219-7069A

#### Online Manuals (Website 1)

Manual Name	Reference Number
About This Machine	D219-7106
Copy/Document Server	D219-7107
Fax	D219-7108

Manual Name	Reference Number
Print	D219-7109
Scan	D219-7110
Troubleshooting	D219-7111
Connecting the Machine/System Settings	D219-7112
Security Guide	D219-7113
Extended Feature Settings	D219-7114
PostScript 3	D219-7115
Appendix	D219-7116

To see the listed manuals, use the computer's browser to access the following website:

 $https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/booklist/int/index\_book.htm$ 

#### Online Manuals (Website 2)

Manual Name	Reference Number
User Guide	D219-7117

To see the listed manuals, use the computer's browser to access the following website:

https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/User.html

#### Online Manuals (Website 3)

Manual Name	Reference Number
MP C306/C406 series	D219-7118
Operating Instructions	
Driver Installation Guide	

To see the listed manuals, use the computer's browser to access the following website:

https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/DriverInstall.html

#### Online Manuals (Website 4)

Manual Name	Reference Number
About Open Source Software License	D219-7104

To see the listed manuals, use the computer's browser to access the following website:

https://support-download.com/services/device/ccmanual/MP\_C306\_406/en/pdf/Oss.html

#### Online Manuals (Website 5)

Manual Name	Reference Number
Notes on Security Functions	D146-7587
Notes for Administrators: Using This Machine in a Network	D219-7121
Environment Compliant with IEEE Std 2600.2 <sup>TM</sup> -2009	

The URLs of the websites to see the listed manuals are in "Manuals for This Machine", MP C306/C406 series Read This First.

The manual displayed on the MultiLink-Panel may have been modified after obtaining CC-certification.

#### **Options**

CC certification has been obtained for the machine with the following option attached.

• Fax Option Type M13

The following options are not CC-certified, but can still be used with the machine.

- Platen Cover PN1010
- ARDF DF1040
- Paper Feed Unit PB1080
- 1 Bin Tray BN1020
- Handset Type C5502
- Copy Data Security Unit Type G

# **Preparation for Use**

To use the MFP in a CC-certified operating environment, the administrator must perform the procedures described on page 17 "Specifying the MFP Settings" and page 37 "Checking the MFP Settings" in advance.

The administrator should read the MFP manual thoroughly before performing the procedures described on page 17 "Specifying the MFP Settings" and page 37 "Checking the MFP Settings".

## Specifying the MFP Settings

This section explains how to specify the MFP settings to establish a CC-certified operating environment.

The administrator must specify the MFP settings using the MultiLink-Panel, the control panel, or Web Image Monitor.

Before specifying the machine settings, log in as the administrator. For details about logging in as the administrator, see "Administrator Login Method" in "Getting Started", Security Guide and "Changing the Administrator's or Supervisor's Password", Notes for Using This Machine Safely.



If a message prompting you to change the password at startup appears, specify passwords for the
administrator and the supervisor. For details about specifying the passwords, see "Changing the
Administrator's or Supervisor's Password", Notes for Using This Machine Safely.

# Procedure 1: Settings to Specify Using the Control Panel 1

Using the MultiLink-Panel, specify settings in [Screen Features] so that the values are in the CC-certified ranges.

For details about configuring settings, see "Screen Features", Connecting the Machine/System Settings.



Delete the "Web Browser", "Scan to Me", and "User Guide" icons on the Home page and be sure
not to register them again. For details about how to delete an icon, see "Deleting an Icon on the
[Home] Screen", Convenient Functions.

#### 1. Specifying [Screen Features]

The administrator must specify the settings in [Screen Features] within the ranges shown in the table on the following page.

For details about how to specify the settings, see "Screen Features", Connecting the Machine/System Settings.

ТаЬ	ltem	Settings
WIRELESS & NETWORKS	Interface Settings Interface Settings	[Wi-Fi Connection]
WIRELESS & NETWORKS	Proxy Settings Use Proxy	[OFF] (Clear)
WIRELESS & NETWORKS	Wi-Fi	[OFF] (Clear)
WIRELESS & NETWORKS	Wireless Direct Settings	[OFF] (Clear)
WIRELESS & NETWORKS	Bluetooth	[OFF] (Clear)
Security	Setting for Entering Authentication Password Characters to be Used for Entering Password	[Only 1 Byte Characters]
Language & input	iWnn IME	[OFF] (Clear)
Screen Device Settings	Screen SD Card Slot	[Inactive]
Screen Device Settings	Operation Panel USB Slot	[Inactive]
Screen Device Settings	Server Settings Server Function Server Function	[Inactive]
Screen Device Settings	IC Card Software Settings  Select IC Card Reader	[Do not Use]

# Procedure 2: Settings to Specify Using the Control Panel 2

In [Machine Features] in the [User Tools] menu, using the control panel, specify [System Settings], [Copier/Document Server Features], [Printer Features], [Scanner Features], [Fax Features], and [User Authentication Management] so that the specified values are in the CC-certified ranges.

For details about configuring settings in the User Tools menu, see "Accessing User Tools", Connecting the Machine/System Settings.

# 1. Specifying [System Settings] (1)

The administrator must specify the settings in [System Settings] within the ranges shown in the table on the following page.

For details about how to specify the settings, see "System Settings", Connecting the Machine/System Settings.



• To change the supervisor's "Login User Name" and "Login Password", log in as the supervisor.

Tab	ltem	Settings
Timer Settings	Auto Logout Timer	Select [On], and then set the range for the timer between 10-999 seconds.
Interface Settings	Network  Machine IPv4 Address	Specifying a static IPv4 address     Enter the IPv4 address and subnet
		mask.
		Obtaining the DHCP server address automatically
		Select [Auto-Obtain (DHCP)].
Interface Settings	Network	Enter the IPv4 gateway address.
	IPv4 Gateway Address	
Interface Settings	Network	Specify this only if you are using a static DNS server.
	DNS Configuration	Specifying a static DNS server
		Enter the IPv4 address in "DNS Server 1", "DNS Server 2", and "DNS Server 3". (Specify DNS Server 2 and 3 if required.)
		Obtaining the DHCP server address automatically
		Select [Auto-Obtain (DHCP)].
Interface Settings	Network	[Active]
	Effective Protocol	
	IPv4	

Tab	ltem	Settings
Interface Settings	Network  Effective Protocol  IPv6	[Inactive]
Interface Settings	Network  IEEE 802.1X  Authentication for Ethernet	[Inactive]
Administrator Tools	Administrator Authentication Management  User Management	Set [Admin. Authentication] to [On], and then select [Administrator Tools] in [Available Settings].
Administrator Tools	Administrator Authentication Management  Machine Management	Set [Admin. Authentication] to [On], and then select [General Features], [Tray Paper Settings], [Timer Settings], [Interface Settings], [File Transfer], and [Administrator Tools] in [Available Settings].
Administrator Tools	Administrator Authentication Management  Network Management	Set [Admin. Authentication] to [On], and then select [Interface Settings], [File Transfer], and [Administrator Tools] in [Available Settings].
Administrator Tools	Administrator Authentication Management File Management	Set [Admin. Authentication] to [On], and then select [Administrator Tools] in [Available Settings].
Administrator Tools	Program / Change Administrator Administrator 1-4	Specify settings for one or more administrators.  Specify the administrator's "Login User Name" and "Login Password".
		Assign all administrator roles (user administrator, machine administrator, network administrator, and file administrator) to a single administrator.

Tab	ltem	Settings
Administrator Tools	Program / Change Administrator Supervisor	Change the supervisor's "Login User Name" and "Login Password".
Administrator Tools	Media Slot Use Store to Memory Device	[Prohibit]
Administrator Tools	Media Slot Use Print from Memory Storage Device	[Prohibit]

## 2. Specifying [User Authentication Management]

The administrator must specify the settings in [User Authentication Management] in [System Settings] within the ranges shown in the following table.

For details about how to specify the settings, see "System Settings", Connecting the Machine/System Settings.

Tab	ltem	Settings
Administrator Tools	User Authentication Management	[Basic Auth.]
Administrator Tools	User Authentication Management  Basic Auth.  Available Functions	Specify this in accordance with your operating environment.  Do not set this to [Browser].
Administrator Tools	User Authentication Management  Basic Auth.  Printer Job Authentication	[Entire]

# 3. Specifying [System Settings] (2)

The administrator must specify the settings in [System Settings] within the ranges shown in the table on the following page.

For details about how to specify the settings, see "System Settings", Connecting the Machine/System Settings.

Tab	ltem	Settings
Administrator Tools	Extended Security  Restrict Display of User Information	[On]
Administrator Tools	Extended Security  Restrict Adding of User Destinations (Fax)	[On]
Administrator Tools	Extended Security  Restrict Adding of User Destinations (Scanner)	[On]
Administrator Tools	Extended Security  Restrict Use of Destinations (Fax)	[On]
Administrator Tools	Extended Security  Restrict Use of Destinations (Scanner)	[On]
Administrator Tools	Extended Security  Transfer to Fax Receiver	[Prohibit]
Administrator Tools	Extended Security  Authenticate Current Job	[Access Privilege]
Administrator Tools	Extended Security  Update Firmware	[Prohibit]
Administrator Tools	Extended Security Change Firmware Structure	[Prohibit]

Tab	ltem	Settings
Administrator Tools	Extended Security  Password Policy	Set "Complexity Setting" to [Level 1] or [Level 2], press [Change] on the right of "Minimum Character No.", and then set the number of characters to 8 or more.
		For example, to set the number of characters to 8, press the number key "8", and then "#".
		Even if you change the password policy, passwords that have already been registered can still be used. The changed password policy will be applied only to passwords specified or changed subsequently.
Administrator Tools	Extended Security  Security Setting for Access Violation	[Off]
Administrator Tools	Auto Delete File in Document Server	Select [Specify Days], [Specify Hours], or [Off].
Administrator Tools	LDAP Search	[Off]
Administrator Tools	Service Mode Lock	[On]
Administrator Tools	Auto Erase Memory Setting	Select [On], and then select [NSA], [DoD], or [Random Numbers].
		If you set this to [Random Numbers], set [Number of Erase] to three or more.
Administrator Tools	Transfer Log Setting	[Off]
Administrator Tools	Machine Data Encryption Settings	Ensure that the current data has been encrypted.
		If the data has been encrypted, the following message will appear: "The data in the machine has been encrypted."
Administrator Tools	Central Management  Address Book	[Do not Manage Centrally]

## 4. Specifying [Copier / Document Server Features]

The administrator must specify the settings in [Copier / Document Server Features] within the ranges shown in the following table.

For details about how to specify the settings, see "Copier / Document Server Features", Copy/Document Server.

ТаЬ	ltem	Settings
Administrator Tools	Menu Protect	[Level 2]

#### 5. Specifying [Printer Features]

The administrator must specify the settings in [Printer Features] within the ranges shown in the following table.

For details about how to specify the settings, see "Printer Features", Print.

Tab	ltem	Settings
Data Management	Menu Protect	[Level 2]
Data Management	Auto Delete Temporary Print Jobs	Select [On] or [Off].
Data Management	Auto Delete Stored Print Jobs	Select [On] or [Off].
System	Jobs Not Printed As Machn. Was Off	[Do not Print]

#### 6. Specifying [Scanner Features]

The administrator must specify the settings in [Scanner Features] within the ranges shown in the following table.

For details about how to specify the settings, see "Scanner Features", Scan.

Tab	ltem	Settings
Initial Settings	Menu Protect	[Level 2]
General Settings	Print & Delete Scanner Journal	[Do not Print: Delete Oldest] or [Do not Print: Disable Send]

1

Tab	ltem	Settings
General Settings	Download File Directly From URL Link	[Off]

# 7. Specifying [Fax Features]

The administrator must specify the settings in [Fax Features] within the ranges shown in the following table.

For details about how to specify the settings, see "Fax Features", Fax.

ТаЬ	ltem	Settings
General Settings	Box Setting	Set all items to [* Not Programmed].
Send Settings	Backup File TX Setting	[Off]
Reception Settings	Reception File Settings Store	[On]
Reception Settings	Reception File Settings  Forwarding	[Off]
Reception Settings	Reception File Settings  Print	[Off]
Reception Settings	Reception File Settings  Memory Lock Reception	[Off]
Initial Settings	Menu Protect	[Level 2]
Initial Settings	Parameter Setting  switch 40, bit 0	[1]  If the memory for stored received faxes become full, the MFP stops receiving new faxes and keeps the stored ones without printing or deleting them.
Initial Settings	Parameter Setting  switch 10, bit 0	[1] Only users who are authorized by the administrator can access, from the control panel, received faxes that are stored.

Tab	ltem	Settings
Initial Settings	Parameter Setting  switch 04, bit 7	[0]  If this is enabled, previews will not be included in the reports.
Initial Settings	Internet Fax Setting	[Off]
Initial Settings	Email Setting	[On]
Initial Settings	Folder Setting	[On]

# Procedure 3: Settings to Specify Using Web Image Monitor

It is necessary to specify the values in [Device Settings], [Printer], [Fax], [Interface], [Network], [Security], [Webpage] and [Extended Feature Settings] in [Configuration] in [Device Management] of Web Image Monitor within the CC-certified range.

Before specifying system settings, the administrator should refer to the Web Image Monitor help. The CC-certified Web Image Monitor help can be downloaded from the following URL:

https://support-download.com/services/device/webhlp/nb/gen/v190cc1/en/

The help that appears when the "?" icon (Help button) in Web Image Monitor's header area is clicked may have changed after receiving CC evaluation.

Before specifying the settings, install the Web browser specified in "CC-Certified Operating Environment" in this manual on the client computer, and then connect the client computer and MFP to the network that can be accessed only by the administrator.

For details about how to launch Web Image Monitor, see "Using Web Image Monitor" in "Monitoring and Configuring the Machine", Connecting the Machine/System Settings.

#### 1. Specifying [Device Settings]

The administrator must specify the settings in [Device Settings] within the ranges shown in the following table.

Category	ltem	Settings
Device Settings	Date/Time Time Zone	Set the appropriate time zone.  After specifying "Time Zone", be sure to click [OK].
Device Settings	Date/Time Set Date	Set the appropriate date.

Category	ltem	Settings
Device Settings	Date/Time Set Time	Set the appropriate time.
Device Settings	Logs Collect Job Logs	[Active]
Device Settings	Logs  Job Log Collect Level	[Level 1]
Device Settings	Logs Collect Access Logs	[Active]
Device Settings	Logs Access Log Collect Level	[Level 2]
Device Settings	Logs Collect Eco-friendly Logs	[Active]
Device Settings	Logs  Eco-friendly Log Collect Level	[Level 2]
Device Settings	Email Administrator Email Address	Enter the administrator's email address.
Device Settings	Email SMTP Server Name	Enter the SMTP server name or IP address.

# 2. Specifying [Printer]

The administrator must specify the settings in [Printer] within the ranges shown in the following table.

Category	ltem	Settings
Printer	Basic Settings  Virtual Printer	[Inactive]

Category
Item
Settings

Fax
IP-Fax Settings<br/>▶ Enable H.323
[Off]

Fax
IP-Fax Settings<br/>▶ Enable SIP
[Off]

Fax
Parameter Settings<br/>▶ LAN-Fax Result Report
[Off]

The administrator must specify the settings in [Fax] within the ranges shown in the following table.

# 4. Specifying [Interface]

The administrator must specify the settings in [Interface] within the ranges shown in the following table.

Category	ltem	Settings
Interface	Interface Settings  USB	[Inactive]

# 5. Specifying [Network]

The administrator must specify the settings in [Network] within the ranges shown in the following table.

Category	ltem	Settings
Network	IPv4	[Inactive]

# 6. Specifying [Security]

The administrator must specify the settings in [Security] within the ranges shown in the following table.



If "Network Security" "Security Level" is set to [FIPS 140], some functions become unavailable.
 For details about the functions that become unavailable, see "Status of Functions under Each Network Security Level" and "Enabling and Disabling Protocols" in the Security Guide.

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- If the FTP or SNMP function is set to [Inactive], some functions become unavailable. For details
  about the functions that become unavailable, see "Enabling and Disabling Protocols" in the Security
  Guide.
- For details about how to specify Device Certificate, see "Protecting Communication Paths via a Device Certificate", Security Guide.
- For details about specifying IPsec, see "Configuring IPsec Settings", Security Guide.

Category	ltem	Settings
Security	Device Certificate  Certificate 1  Create	Configure this to create and install the device certificate (self-signed certificate).  If you are using a certificate issued by the certificate authority, you do not need to configure this setting.  Of the settings for the device certificate (self-signed certificate), set "Algorithm Signature" to one of the following:  • sha512WithRSA-4096  • sha256WithRSA-2048  • sha256WithRSA-2048

Category	ltem	Settings
Security	Device Certificate  Certificate 1  Request	Configure this to create the request form for the certificate authority to issue the device certificate.
		If you are using a self-signed device certificate, you do not need to configure this setting.
		Of the settings for the device certificate (certificate issued by the certificate authority), set "Algorithm Signature" to one of the following:
		• sha512WithRSA-4096
		• sha512WithRSA-2048
		• sha256WithRSA-4096
		• sha256WithRSA-2048
		• sha1WithRSA-2048
		Submit the application form to request that the certificate authority issue the device certificate.
		The request method depends on the certificate authority. For details, contact the certificate authority.
		You can install the certificate issued by the certificate authority via Web Image Monitor.
Security	Device Certificate ►Install	To use the device certificate (issued by the certificate authority), install the certificate by configuring this setting.
		If using the intermediate certificate as well, install that too.
Security	Device Certificate  Install Intermediate Certificate	When using an intermediate certificate, configure this setting to install the certificate.

Category	ltem	Settings
Security	Device Certificate Certification S/MIME	Select the installed device certificate.
Security	Device Certificate  Certification  IPsec	Select the installed device certificate.
Security	Network Security	[FIPS 140]
	Security Level	After setting this to [FIPS 140], be sure to click [OK].
Security	Network Security  TCP/IP  IPv6	[Inactive]
Security	Network Security	[Close]
	HTTP - Port 80	Doing this will also set "IPv4" to [Close] in "Port 80" in "IPP".
Security	Network Security  SSL/TLS Version	Set "TLS1.2", "TLS1.1", and "TLS1.0" to [Active], and "SSL3.0" to [Inactive].
Security	Network Security  Encryption Strength Setting	Check "AES" and "3DES", and uncheck "RC4".
Security	Network Security  FTP  IPv4	[Inactive]
Security	Network Security  sftp  IPv4	[Inactive]
Security	Network Security  ssh  IPv4	[Inactive]

Category	ltem	Settings
Security	Network Security  WSD (Device)  IPv4	[Inactive]
Security	Network Security  WSD (Printer)  IPv4	[Inactive]
Security	Network Security  WSD (Scanner)  IPv4	[Inactive]
Security	Network Security  SNMP	[Inactive]
Security	S/MIME  Encryption Algorithm	Select [AES-256 bit], [AES-128 bit] or [3DES-168 bit].  When using S/MIME, it is necessary to register the user certificate.
Security	S/MIME Digest Algorithm	Select [SHA-512 bit], [SHA-384 bit], [SHA-256 bit] or [SHA1].
Security	S/MIME When Sending Email by Scanner	[Use Signatures]
Security	S/MIME When Transferring by Fax	[Use Signatures]
Security	S/MIME When Sending Email by Fax	[Use Signatures]
Security	S/MIME When Emailing TX Results by Fax	[Use Signatures]

Category	ltem	Settings
Security	S/MIME When Transferring Files Stored in Document Server (Utility)	[Use Signatures]
Security	IPsec ▶IPsec	Select [Active] or [Inactive].  If you set this to [Inactive], do not use Scan to Folder, and delete Scan to Folder destinations registered in the address book.
Security	IPsec Encryption Key Auto Exchange Settings Address Type	[IPv4]
Security	IPsec Encryption Key Auto Exchange Settings Local Address	The machine's IP address
Security	IPsec Encryption Key Auto Exchange Settings Remote Address	Connected server's IP address
Security	IPsec Encryption Key Auto Exchange Settings Security Level	[Authentication and High Level Encryption]
Security	IPsec Encryption Key Auto Exchange Settings Authentication Method	Select [PSK] or [Certificate].

Category	ltem	Settings
Security	IPsec Encryption Key Auto Exchange Settings PSK Text	If Authentication Method has been set to [PSK], enter a character string. (Make a note of the entered character string, because it will be required when specifying the delivery server setting.)
Security	IPsec Encryption Key Auto Exchange Settings Hash Algorithm	Select [SHA1], [SHA256], [SHA384], or [SHA512].
Security	IPsec Encryption Key Auto Exchange Settings Encryption Algorithm	Select [3DES], [AES-128-CBC], [AES-192-CBC], or [AES-256-CBC].
Security	IPsec Encryption Key Auto Exchange Settings Diffie-Hellman Group	[14]
Security	IPsec Encryption Key Auto Exchange Settings Authentication Algorithm	Check [HMAC-SHA1-96], [HMAC-SHA256-128], [HMAC-SHA384-192] and [HMAC-SHA512-256], and uncheck [HMAC-MD5-96].
Security	IPsec Encryption Key Auto Exchange Settings Encryption Algorithm Permissions	Check [3DES], [AES-128], [AES-192] and [AES-256], and uncheck [Cleartext] and [DES].
Security	IPsec  Encryption Key Auto Exchange Settings  PFS	[14]
Security	User Lockout Policy  Lockout	[Active]

Category	ltem	Settings
Security	User Lockout Policy Number of Attempts before Lockout	1-5
Security	User Lockout Policy  Lockout Release Timer	[Active]
Security	User Lockout Policy  Lock Out User for	1-9999

#### 7. Specifying [Webpage]

The administrator must specify the settings in [Webpage] within the ranges shown in the following table.

Category	ltem	Settings
Webpage	Webpage Web Image Monitor Auto Logout Settings	3-60

#### 8. Specifying [Extended Feature Settings]

The administrator must specify the settings in [Extended Feature Settings] within the ranges shown in the following table.

Category	ltem	Settings
Extended Feature Settings	Administrator Tools  >Java <sup>TM</sup> Platform	[Inactive]

# Procedure 4: Settings to Specify Using the Control Panel 3

Using the control panel, specify [System Settings] in the [User Tools] menu so that they are in the CC-certified ranges.

The administrator must specify the settings in [System Settings] within the ranges shown in the table on the following page.

For details about how to specify the settings, see "System Settings", Connecting the Machine/System Settings.

ТаЬ	ltem	Settings
Interface Settings	Network  Effective Protocol  Firmware Update (IPv4)	[Inactive]
Interface Settings	Network  Effective Protocol  Firmware Update (IPv6)	[Inactive]
Interface Settings	Network  Effective Protocol  @Remote Service	[Inactive]

## 2. Specifying [Fax Features]

The administrator must specify the settings in [Fax Features] within the ranges shown in the following table.

For details about how to specify the settings, see "Fax Features", Fax.



Prior to this, the administrator must register in the address book the users or groups whose access to
received faxes stored in the machine's memory is authorized. For details about registering data in
the address book, see "Registering Addresses and Users", Connecting the Machine/System
Settings.

Tab	ltem	Settings
Reception Settings	Stored Reception File User Setting	[On] After setting this to [On], specify the users or groups that can access stored reception files.

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#### **Checking the MFP Settings**

After completing the procedure described on page 17 "Specifying the MFP Settings", check the log data and ROM version according to the following procedure.

You can check that the fax unit in use is a genuine product by checking that the entries in the log files and the ROM version match the following:

- 1. Check that the machine is off.
- 2. Turn the machine on.
- 3. Check the details of the log files that were stored in this machine.

Check that the details for "Log Type", "Result", and "Module Name" in the recorded access log are as follows:

Log Type: Firmware: Structure

Result: Succeeded

Module Name: G3

For details about logs, see "Managing Log Files", Security Guide.

- 4. Log on as the administrator ("admin").
- 5. Use the following procedure to check the fax parameter settings from the machine's control panel.
  - 1. Press [Fax Features].
  - 2. Press [Initial Settings].
  - 3. Press [Parameter Setting: Print List].
  - 4. Press the [Start] key.
  - 5. Check that the following ROM version matches the one shown in the printed list:

[ROM Version]

G3: 01.00.00 (Validation Data: 7A91)

6. Log off.

# **Changing MFP Settings during Operation**

Of the settings specified before operation according to the procedure described on page 17 "Specifying the MFP Settings", the following setting can be changed even during operation.

#### 1. Changing [System Settings] Using the Control Panel

Tab	ltem	Settings
Timer Settings	Auto Logout Timer	Select [On], and then set the range for the timer between 10-999 seconds.
Interface Settings	Network  Machine IPv4 Address	<ul> <li>Specifying a static IPv4 address         Enter the IPv4 address and subnet mask.     </li> <li>Obtaining the DHCP server address automatically         Select [Auto-Obtain (DHCP)].     </li> </ul>
Interface Settings	Network  PIPv4 Gateway Address	Enter the IPv4 gateway address.
Interface Settings	Network  DNS Configuration	Specify this only if you are using a static DNS server.  • Specifying a static DNS server Enter the IPv4 address in "DNS Server 1", "DNS Server 2", and "DNS Server 3". (Specify DNS Server 2 and 3 if required.)  • Obtaining the DHCP server address automatically Select [Auto-Obtain (DHCP)].
Administrator Tools	Program / Change Administrator Administrator 1-4	Specify settings for one or more administrators.  Specify the administrator's "Login User Name" and "Login Password".  Assign all administrator roles (user administrator, machine administrator, network administrator, and file administrator) to a single administrator.

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Tab	ltem	Settings
Administrator Tools	Program / Change Administrator Supervisor	Change the supervisor's "Login User Name" and "Login Password".

#### 2. Changing [User Authentication Management] Using the Control Panel

Tab	ltem	Settings
Administrator Tools	User Authentication Management	Specify this in accordance with your operating environment.
	Basic Auth.	Do not set this to [Browser].
	Available Functions	

#### 3. Changing [System Settings] Using the Control Panel

Tab	ltem	Settings
Administrator Tools	Extended Security  Password Policy	Set "Complexity Setting" to [Level 1] or [Level 2], press [Change] on the right of "Minimum Character No.", and then set the number of characters to 8 or more.
		For example, to set the number of characters to 8, press the number key "8", and then "#".
		Even if you change the password policy, passwords that have already been registered can still be used. The changed password policy will be applied only to passwords specified or changed subsequently.
Administrator Tools	Auto Erase Memory Setting	Select [On], and then select [NSA], [DoD], or [Random Numbers].  If you set this to [Random Numbers],
		set [Number of Erase] to three or more.

#### 4. Changing [Scanner Features] Using the Control Panel

Tab	ltem	Settings
General Settings	Print & Delete Scanner Journal	[Do not Print: Delete Oldest] or [Do not Print: Disable Send]

## 5. Changing [Device Settings] via Web Image Monitor

Category	ltem	Settings
Device Settings	Date/Time	Set the appropriate time zone.
	Time Zone	After specifying "Time Zone", be sure to click [OK].
Device Settings	Date/Time	Set the appropriate date.
	Set Date	
Device Settings	Date/Time	Set the appropriate time.
	Set Time	
Device Settings	Email	Enter the administrator's email address.
	Administrator Email Address	
Device Settings	Email	Enter the SMTP server name or IP
	SMTP Server Name	address.

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## 6. Changing [Security] via Web Image Monitor

Category	ltem	Settings
Security	Device Certificate Certificate 1 Create	Configure this to create and install the device certificate (self-signed certificate).  If you are using a certificate issued by the certificate authority, you do not need to configure this setting.  Of the settings for the device certificate (self-signed certificate), set "Algorithm Signature" to one of the following:  • sha512WithRSA-4096  • sha512WithRSA-2048  • sha256WithRSA-2048  • sha256WithRSA-2048

Category	ltem	Settings	
Security	Device Certificate Certificate 1 Request	Configure this to create the request form for the certificate authority to issue the device certificate.  If you are using a self-signed device certificate, you do not need to configure this setting.  Of the settings for the device certificate (certificate issued by the certificate authority), set "Algorithm Signature" to one of the following:  • sha512WithRSA-4096  • sha512WithRSA-2048  • sha256WithRSA-2048  • sha1WithRSA-2048  Submit the application form to request that the certificate authority issue the device certificate.  The request method depends on the certificate authority. For details, contact the certificate authority.  You can install the certificate issued by the certificate authority via Web Image Monitor.	
Security	Device Certificate Install	To use the device certificate (issued by the certificate authority), install the certificate by configuring this setting.  If using the intermediate certificate as well, install that too.	
Security	Device Certificate Install Intermediate Certificate	When using an intermediate certificate, configure this setting to install the certificate.	

Category	ltem	Settings	
Security	Device Certificate  Certification  S/MIME	Select the installed device certificate.	
Security	Device Certificate Certification IPsec	Select the installed device certificate.	
Security	S/MIME  Encryption Algorithm	Select [AES-256 bit], [AES-128 bit] or [3DES-168 bit].	
	71 0	When using S/MIME, it is necessary to register the user certificate.	
Security	S/MIME Digest Algorithm	Select [SHA-512 bit], [SHA-384 bit], [SHA-256 bit] or [SHA1].	
Security	IPsec	Select [Active] or [Inactive].	
	IPsec	If you set this to [Inactive], do not use Scan to Folder, and delete Scan to Folder destinations registered in the address book.	
Security	IPsec	The machine's IP address	
	Encryption Key Auto		
	Exchange Settings		
	Local Address		
Security Security	IPsec	Connected server's IP address	
	Encryption Key Auto Exchange Settings		
	Remote Address		
	IPsec	Soloet [DSV] or [Cortificate]	
	Encryption Key Auto	Select [PSK] or [Certificate].	
	Exchange Settings		
	Authentication Method		

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Category	ltem	Settings
Security	IPsec Encryption Key Auto Exchange Settings PSK Text	If "Authentication Method" has been set to [PSK], enter a character string. (Make a note of the entered character string, because it will be required when specifying the delivery server setting.)
Security	IPsec Encryption Key Auto Exchange Settings Hash Algorithm	Select [SHA1], [SHA256], [SHA384], or [SHA512].
Security	IPsec Encryption Key Auto Exchange Settings Encryption Algorithm	Select [3DES], [AES-128-CBC], [AES-192-CBC], or [AES-256-CBC].
Security	User Lockout Policy Number of Attempts before Lockout	1-5
Security	User Lockout Policy  Lock Out User for	1-9999

#### 7. Changing [Webpage] via Web Image Monitor

Category	ltem	Settings	
Webpage	Webpage Web Image Monitor Auto Logout Settings	3-60	

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# Notes for Setting up and Operation

- Note that regarding display and manual languages, CC certification has been obtained for English only in a network environment compliant with IEEE Std 2600.2<sup>TM</sup>-2009.
- The CC conformance standard stipulates that you request an authorized service representative to set up a CC-conformant environment.
- Before using the MFP, the encryption key to encrypt the data in the machine must be provided by the service representative or be newly created.
- Back up the encryption key only when the machine is not operating.
- For faxing, use the public switched telephone network. IP-Fax and Internet Fax are not CC conformant.
- For print jobs and fax transmissions from the client computer, use IPP-SSL authentication.
- The following message might also be displayed: "SD Card authentication has failed.". If it is, contact your service representative.
- In the event of a hard disk error, the machine displays a message asking whether or not to initialize the disk and initializes it upon receiving approval. Note however that following the hard disk initialization, user authentication might fail even though the correct password has been entered. If this happens, contact your service representative.
- "Encryption", "User Certificate", and "E-mail Address" must be specified by the administrator using Web Image Monitor. For details about installing the user certificate, see "E-mail Encryption", Security Guide.
- To send files by e-mail using the scanner or fax function, install the user certificate when registering
  a user in the address book and set the encryption setting to [Encrypt All]. When you display
  addresses to send an e-mail, a according icon appears next to destinations for which [Encrypt All] has
  been set.
- When using Scan to Folder, make sure IPsec is enabled.
  - The Scan to Folder destination (FTP or SMB server) must be registered in the address book by the administrator.
  - When you register the Scan to Folder destination in the address book, click [Change] in "Access Privileges" in "Protect Destination" in "Protection", and then select [Read-only] for users who are allowed to access the Scan to Folder destination.
  - Configure IPsec for the server selected as the Scan to Folder destination.
- Before receiving faxes, specify "Stored Reception File User Setting" in the Fax setting.
- When you configure "Program Special Sender" in the fax mode, do not specify "Forwarding per Sender" or "Memory Lock RX per Sender" before registering or changing special senders.
- The file creator (owner) has the authority to grant [Full Control] privileges to other users for stored documents in the Document Server. However, administrators should tell users that [Full Control] privileges are meant only for the file creator (owner).

- A third party may steal or read paper documents printed by this machine. Instruct users to collect printed copies immediately.
- Do not access other Web sites when using Web Image Monitor. Also, be sure to logout after you
  have finished using Web Image Monitor. Instruct users not to access other Web sites when they are
  using Web Image Monitor, and to be sure to logout when they have finished.
- Obtain log files by downloading them via Web Image Monitor. The administrator is required to
  properly manage the log information downloaded on the computer, so that unauthorized users
  may not view, delete, or modify the downloaded log information.
- To prevent incorrect timestamps from being recorded in the audit log, ensure that the File Server that connects to the MFP is synchronized with the MFP.
- If the power plug is pulled out before the main power is turned off so that the machine is shut down abnormally, the date and time when the main power is turned off (the value for "Main Power Off", which is an attribute of the ecolog) is not registered correctly to the "eco" log.
- Do not use exported or imported device setting information since it is not CC-conformant.
- Do not restore the address book from an SD card, back up to the computer, or restore from the computer since these actions are not CC-conformant.
- Modification of stored files has not been rated for CC conformance.
- When you specify "HDD Erase Method" in "Erase All Memory", do not select "Format".
- Be sure not to use "Web Browser", "Scan to Me", and "User Guide" in the application list.

# **Trademarks**

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

• The product names of Windows Vista are as follows:

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Microsoft® Windows Vista® Enterprise

• The product names of Windows 7 are as follows:

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Microsoft® Windows® 7 Professional

Microsoft® Windows® 7 Ultimate

Microsoft® Windows® 7 Enterprise

• The proper names of Internet Explorer 9 and 11 are as follows:

Windows® Internet Explorer® 9

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