



The essentials of imaging

IC-601

User's Guide Job Centro



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Introduction

1 Introduction

1.1 Welcome

Thank you for purchasing this machine.

This User's Guide describes the functions, operating instructions, precautions for correct operation, and simple troubleshooting guidelines of this machine. In order to obtain maximum performance from this product and use it effectively, please read this User's Guide as necessary.

1.1.1 Composition of User's Guide

Refer to the "User's Guide Printer (IC-601)" for more detailed information on "Composition of User's Guide".

1.1.2 User's Guide

This User's Guide is intended for users ranging from those using this machine for the first time to administrators.

It describes basic operations, functions that enable more convenient operations, maintenance procedures, simple troubleshooting operations, and various setting methods of this machine.

Note that basic technical knowledge about the product is required to enable users to perform maintenance work or troubleshooting operations. Limit your maintenance and troubleshooting operations to the areas explained in this manual.

Should you experience any problems, please contact our service representative.

1.2 Conventions used in this manual

1.2.1 Symbols used in this manual

Symbols are used in this manual to express various types of information.

The following describes each symbol related to correct and safe usage of this machine.

Safety Information

⚠ WARNING

- This symbol indicates that a failure to heed the instructions may lead to death or serious injury.

⚠ CAUTION

- This symbol indicates that negligence of the instructions may lead to mishandling that may cause injury or property damage.

NOTICE

This symbol indicates a risk that may result in damage to this machine or originals. Follow the instructions to avoid property damage.

Procedural instruction

- ✓ This check symbol indicates that it is a precondition for steps or information that you should be noted before performing the steps.

1 This format number "1" represents the first step.

2 This format number represents the order of serial steps.

- ➔ This symbol indicates a supplementary explanation of a procedural instruction.

The operation procedures are described using instruction.

- ➔ This symbol indicates transition of the control panel to access a desired menu item.



The relevant image is shown.



Reference

This symbol indicates a reference.

View the reference as required.

Key symbols

[]

Key names on the touch panel or computer screen, or a name of user's guide are indicated by these brackets.

Bold text

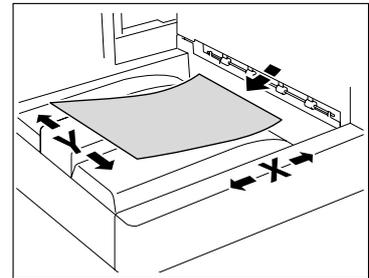
Key names on the control panel, part names, product names and option names are indicated in bold text.

1.2.2 Original and paper indications

Paper size

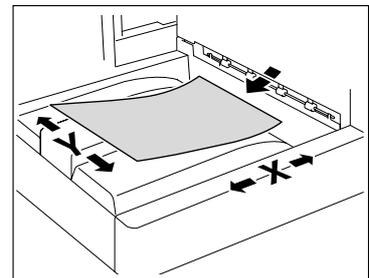
The following explains the indication for originals and paper described in this manual.

When indicating the original or paper size, the Y side represents the width and the X side the length.

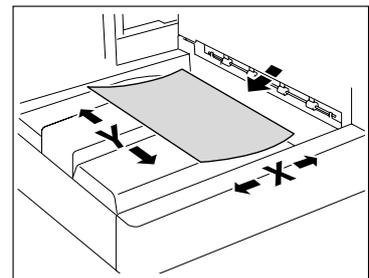


Paper indication

☐ indicates the paper size with the length (X) being longer than the width (Y).



☐ indicates the paper size with the length (X) being shorter than the width (Y).





2 Overview of the Job Centro

2 Overview of the Job Centro

This chapter describes the overview and connection environment of "Job Centro" that is an attached utility to the image controller to provide the printer function of the main body.

2.1 Job Centro

Job Centro is the application to manage the printing job of the printing system that is composed with the main body and the image controller. For details of the image controller, refer to "User's Guide - Printer (IC-601)".

2.1.1 Roles of Job Centro

Job Centro has two chief functions.

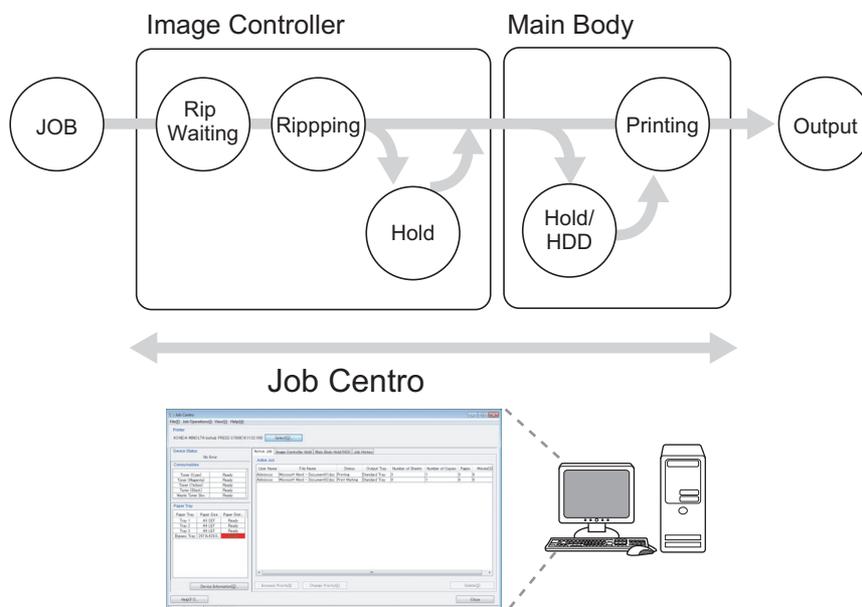
One of the chief functions is to acquire the device information such as the printer status, the consumables, and the tray information. From this information, you can confirm the status of the main body easily on your computer

The other one is to display and manage jobs. Through [JOB LIST] of Job Centro, you can monitor the sending job of the printer driver and operate the printing job. This function has the important role in the workflow of the main body. Because this function can manage the printing job being in the image controller which can not be managed from the control panel.

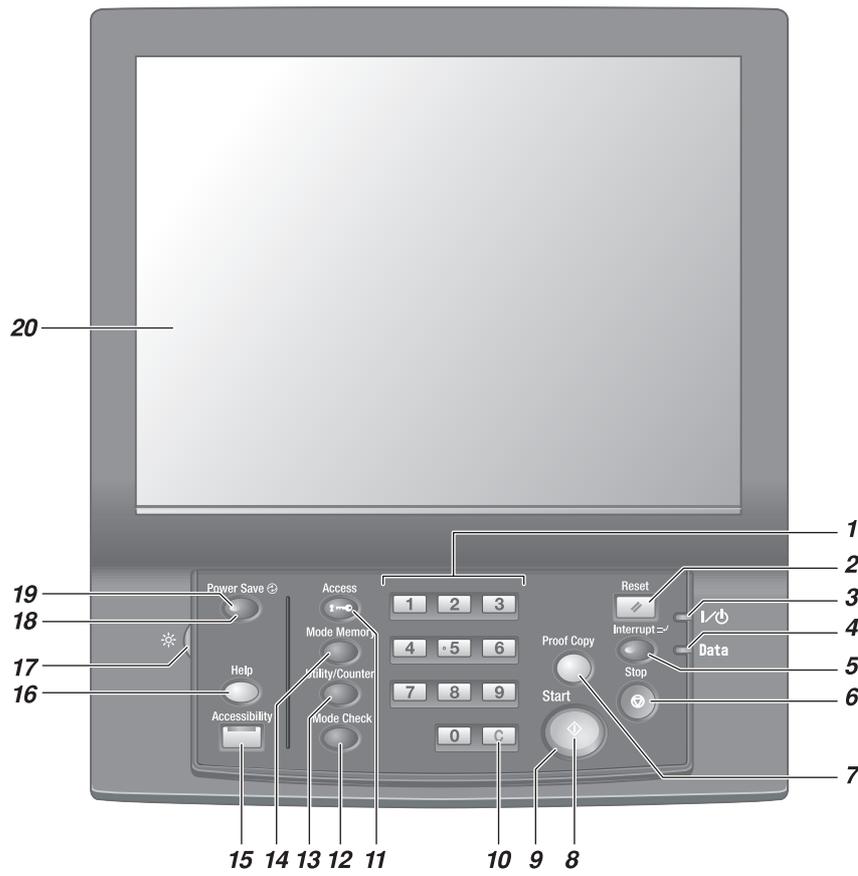
The monitoring range of Job Centro is so wide that you can monitor from receiving of job data in the image controller to outputting of job and also you can check both of the printing queue and HDD. Using Job Centro, you can also operate these jobs being within the range mentioned above. In addition to that, you can invoke the job edit utility and the page edit utility from Job Centro to edit job being in the image controller.

Before transmitting of job to the main body, you can operate job and edit job and page without slowing down the engine speed of the main body by using Job Centro.

For detailed information on the available operations of job, refer to page 6-2



2.2 Control Panel



No.	Item	Description
1	Keypad	Enters values for various settings, including print quantity and password.
2	Reset	Restores machine to the initial settings.
3	Power LED	Lights up in red when the main power switch is turned on, then turns green when the sub power switch is turned on.
4	Data LED	Flashes while receiving print data.
5	Interrupt	Stops copying/printing/scanning in progress to allow a simple copying job.
6	Stop	Ceases the machine operation; deletes the stored memory.
7	Proof Copy	Used to check the adjustments made on the Quality Adjustment Screen.
8	Start	Activates various machine operations.
9	Start LED	Lights in blue when machine operation is available. It turns orange if any operation cannot be started.
10	C (Clear)	Allows change in entered numeric value.
11	Access	Sets the machine to allow the operation only when a user/account name and password are entered, if user authentication or account track function is activated.
12	Mode Check	Used to check settings of the print job in progress or those currently made.

No.	Item	Description
13	Utility/Counter	Displays the Utility Menu Screen and various counters.
14	Mode Memory	Registers/Recalls the desired copy settings. Also recalls previous job settings.
15	Accessibility	Adjusts the response time in touch panel and control panel key operation.
16	Help	Displays the Help Screen that provides information on how to operate the screen currently displayed on the touch panel . Also provides information on various supplies and disposals when pressed with the Machine Screen displayed.
17	Brightness adjustment dial	Turned to adjust the brightness of the touch panel .
18	Power Save	Enables temporary use of the machine when the Power Save LED is lit. Also, activates power-saving mode when pressed while the machine is inactive.
19	Power Save LED	Lights when any power-saving mode is activated, or machine power is off due to the timer function.
20	Touch panel	Displays various screens to allow the function setting.

CAUTION

Do not press hard or pointed objects against the **touch panel** on the **control panel**.

- Otherwise, the glass may be scratched or break and you may be injured. Use fingers to operate the **touch panel**.

CAUTION

Stop the operation immediately when the Service Call Screen is displayed and copying cannot be continued any more.

- Otherwise, an unexpected trouble may be caused. Write down the report code as stated on the second line of the message, turn off the sub power switch and main power switch in this order, then disconnect from the power socket. Contact your service representative and inform them of the report code.

NOTICE

*Be sure not to turn off the **main power switch** in usual operation.*

*Be sure not to turn off the **main power switch** before turning off the **sub power switch**.*

*Be sure not to turn off the **main power switch** while the following messages are displayed after turning off the **sub power switch**.*

[Cooling in progress / Power will be off when completed]

[Power off in progress / Please do not turn the main power switch off]

*Turning off the **main power switch** with these messages displayed may cause serious machine trouble such as toner fixation.*



Reference

Refer to User's Guide (POD Administrator's Reference) for how to turn off the power.

2.3 Operating environment

This section describes the system requirements for using Job Centro and the interfaces used for connection.

2.3.1 Connectable computers and operating system

Make sure that the computer to be connected meets the following conditions.

Windows

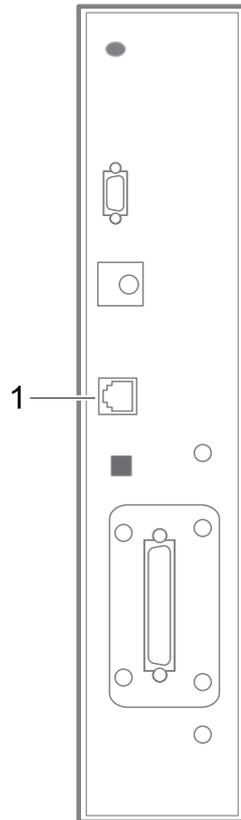
Operating system	Windows 2000/XP/Server 2003/Vista/Server 2008/7 (including 64 bit version)
CPU	Any processor of the same or higher specifications as recommended for your operating system
Memory	Memory capacity as recommended for your operating system Sufficient memory resource is required for your operating system and the applications to be used.
HDD	Any HDD of the same or higher specifications as recommended for your operating system
Drive	CD-ROM drive
Network Interface	1000Base-T/100Base-TX/10Base-T (1000Base-T recommended)

2.3.2 Interfaces used for connection

To connect Job Centro to the image controller, use the Ethernet via a network connection. It supports 1000Base-T, 100Base-TX, and 10Base-T standards.

Connection diagram

The network cable is connected to the network port of the image controller
Lateral side of the image controller



1. Ethernet port (1000Base-T/100Base-TX/10Base-T)

2.4 Setup procedure

To use Job Centro, you must complete the setup in advance.

The setup refers to a series of procedures for connecting the image controller and the computer to the network and installing Job Centro to the computer.

Perform the setup using the following procedures.

- 1 Connect the image controller and the computer to the network.
- 2 Check that the computer to be used is connected to the network.
- 3 Confirm the IP address and the port number of the JSP settings of the image controller.
- 4 Install Job Centro.



Reference

For details on the connectable interfaces, refer to page 2-6

For details of the image controller, refer to "User's Guide - POD Administrator's Reference".



Precautions for Installation

3 Precautions for Installation

The following describes the information necessary to install Job Centro.

3.1 Introduction

This chapter describes the information you should keep in mind before installing Job Centro.

Before the procedure for installing Color Centro, confirm the operating system of your computer and the network environment.

3.2 Installer

You can install Job Centro and confirm the Microsoft .Net Framework 2.0, which is necessary for the start of Color Centro, by using this installer. When the Microsoft .Net Framework 2.0 is not installed, the installation screen of the Microsoft .Net Framework 2.0 is displayed at the installation of Job Centro. In this case, install the Microsoft .Net Framework 2.0 following the instruction on the screen.

Reference

- The Microsoft .Net Framework 2.0 is installed in the Microsoft operating system since Windows 2000/XP by default.

3.2.1 Operating environment of the installer

Operating system	<ul style="list-style-type: none"> Windows 2000 Professional (Service Pack 4 or later) Windows XP Professional (Service Pack 3 or later) Windows Server 2003, Standard Edition (Service Pack 2 or later) Windows Server 2003, Enterprise Edition (Service Pack 2 or later) Windows Server 2003 R2, Standard Edition (Service Pack 2 or later) Windows Server 2003 R2, Enterprise Edition (Service Pack 2 or later) Windows XP Professional x64 Edition (Service Pack 2 or later) Windows Server 2003, Standard x64 Edition (Service Pack 2 or later) Windows Server 2003, Enterprise x64 Edition (Service Pack 2 or later) Windows Server 2003 R2, Standard x64 Edition (Service Pack 2 or later) Windows Server 2003 R2, Enterprise x64 Edition (Service Pack 2 or later) Windows Vista Business (Service Pack 2 or later) Windows Vista Enterprise (Service Pack 2 or later) * Windows Vista Ultimate (Service Pack 2 or later) Windows Server 2008 Standard (Service Pack 2 or later) * Windows Server 2008 Enterprise (Service Pack 2 or later) * Windows Server 2008 Standard without Hyper-V (Service Pack 2 or later) * Windows Server 2008 Enterprise without Hyper-V (Service Pack 2 or later) * Windows 7 Professional * Windows 7 Enterprise * Windows 7 Ultimate • * Supports 32-bit (x86)/64-bit (x64) environment.
CPU	Any processor of the same or higher specifications as recommended for your operating system
Memory	Memory capacity as recommended for your operating system Sufficient memory resource is required for your operating system and the applications to be used.

Reference

- Installing the driver to Windows 2000/XP/Server 2003/Vista/Server 2008/7-based computers requires the administrator authority.
- The installer supports installation in both IPv4/IPv6 environments of Windows Vista/Server 2008/7 only.

3.2.2 Settings of the image controller

The network setting of the image controller is necessary beforehand.

TCP/IP Setting

Specify the IP address in [Administrator Setting] - [Controller Setting] - [Controller NIC Setting] - [TCP/IP Setting] of this machine.

JSP Setting

Specify the port number in [Administrator Setting] - [Controller Setting] - [Controller NIC Setting] - [JSP Setting] of this machine.

- The default value is "30081". Usually, the amendment is unnecessary.
- When [JSP Setting] is [Enable] and [Authentication Setting] is [Disable], you can use Job Centro.



Reference

For details of the settings for the image controller, refer to "User's Guide - POD Administrator's Reference".

4

Installation of Job Centro

4 Installation of Job Centro

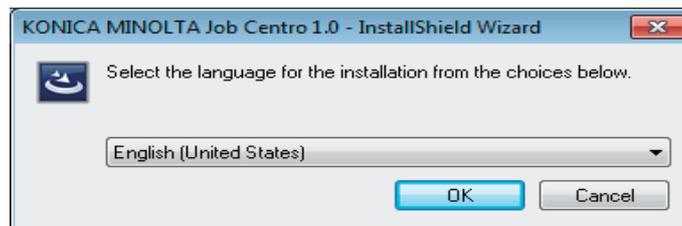
This chapter describes the procedure for installing Job Centro using the installer.

4.1 Introduction

Before installing Color Centro, confirm the description of page 3-2.

4.2 Installing Job Centro

- 1 Insert the installation CD-ROM into the CD-ROM drive of the computer.
 - Make sure that the installer starts, and then go to Step 2.
 - If the installer does not start, double-click [AutoRun.exe] on the CD-ROM, and then go to Step 2.
- 2 Click [Administration Tool] - [Job Centro] - [Install].
 - When installing the driver on a Windows Vista/Server 2008/7-based computer, click [Allow] or [Continue] if the [User Account Control] window appears.
- 3 Select a language, and then click [OK].

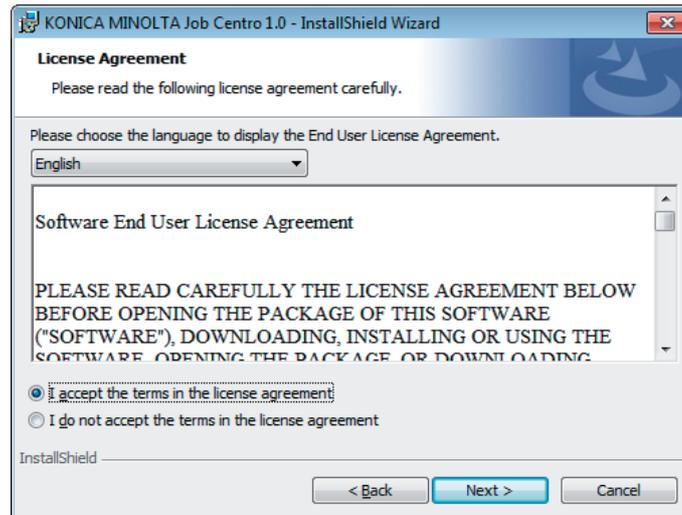


- 4 Click [Next].



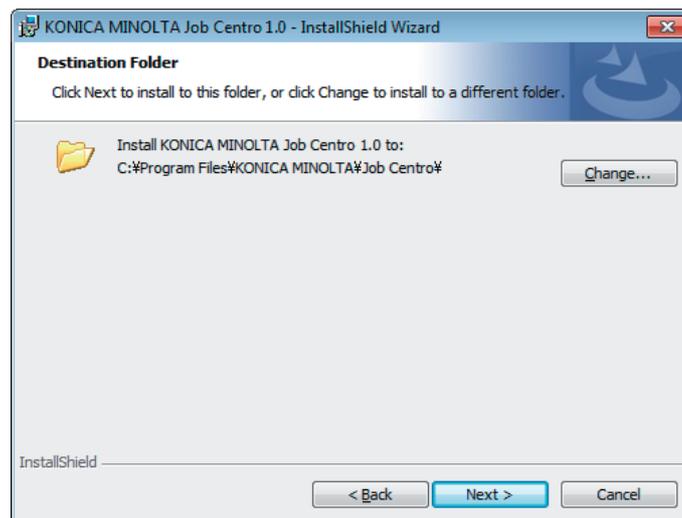
[License Agreement] screen appears.

- 5 Confirm the content. When you agree all the terms, click [I accept the terms in the license agreement] and click [Next].



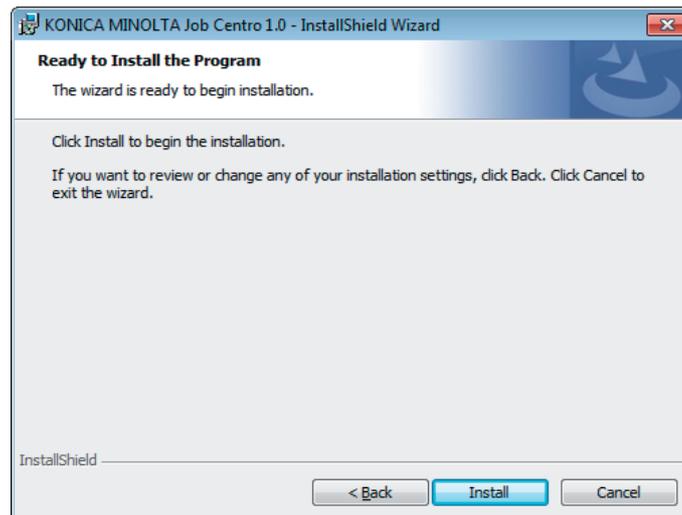
- If you disagree, you will not be able to install the driver.
- In the language display box, you can change the language used with the license agreement as required.

- 6 Select the destination folder and click [Next].

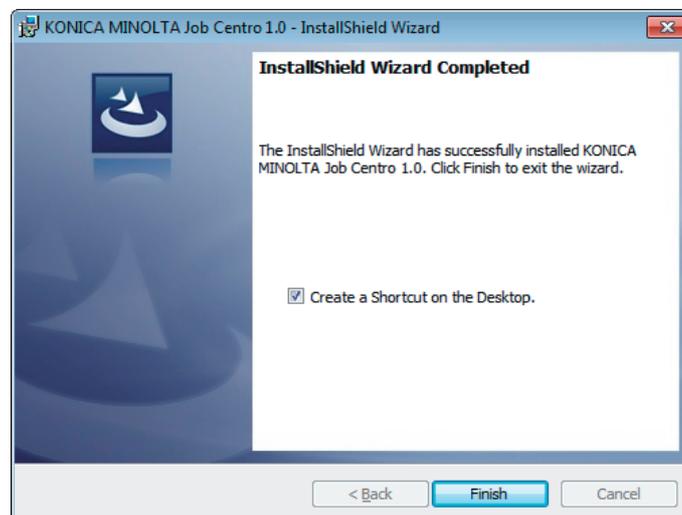


- By default, Color Centro is installed to C:\Program Files\KONICA MINOLTA\Job Centro.
- If you want to change the destination folder, click [Change] and select the desired location on the displayed screen and click [OK].

7 Click [Install].



8 Click [Finish].



→ To create the short cut icon on the Desktop, check [Create a shortcut on the Desktop.] check box. The installation is complete.

A large, bold, black number '5' is centered within a gray square. The square is positioned to the left of the text 'Basic Information'.

Basic Information

5 Basic Information

This chapter describes launch procedure, exit procedure, and screens of Job Centro.

5.1 Launch Job Centro

This section describes how to launch Job Centro.

To use Job Centro, it is necessary to connect to the image controller. You can not launch Job Centro without connecting to the image controllers.

By connecting to the image controller, Job Centro can acquire the information of the main body. You can switch the connection when there are two or more image controllers.

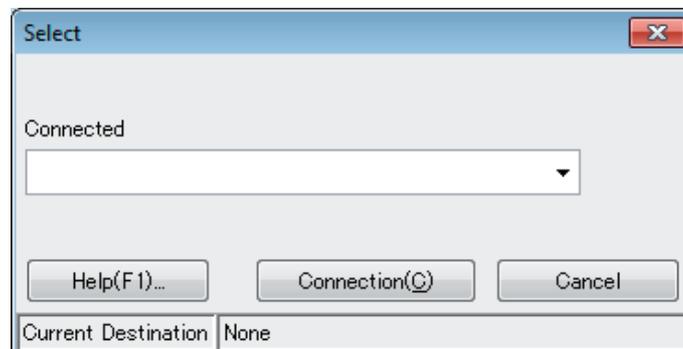
In this section, "Login" and "User Authentication/Account Track" are explained separately. "Login" is necessary operation for all users. "User Authentication/Account Track" is necessary operation when the user authentication or account track function is set in the main body.

5.1.1 General Login

To launch Job Centro, login procedure is necessary first.

- ✓ To login, the IP address and the port number of the image controller are necessary. When the port number is unknown, confirm the JSP settings of the image controller. (default: 30081)
- ✓ Confirm that the image controller can communicate.
- ✓ Job Centro is the Java Application. When the Java application is blocked by the firewall, [Windows Security Alert] screen is displayed. In this case, select the option corresponding to your network environment, and click [Allow access] to allow the communication by Java application on your network.

- 1 Select [Start] ->[All Programs] ->[KONICA MINOLTA] ->[Job Centro] ->[KONICA MINOLTA Job Centro].
→ Or double-click the short cut icon on the Desktop screen.
[Select] screen appears.



- 2 Enter the IP address and the port number (30081 - 30090) of the image controller to which you want to connect Job Centro into [Connected] of [Select] screen, and click [OK].
 - If the IP address is 192.168.0.1 and the port number is 30081, separate the IP address and the port number with a colon, and enter "192.168.0.1:30081".
 - You can select the IP address and the port number which were used before, from [Current Destination]. The input number is kept even after exiting Job Centro.
 - When you have connected to the image controller already, the IP address and the port number of the image controller you connected are displayed on [Current Destination].
 - When you click [Cancel], the login process is canceled and you can't start Job Centro.
 - When you click [Help], the [Help] screen appears.
 Job Centro launches and [Job Centro] screen appears.

5.1.2 User Authentication/Account Track

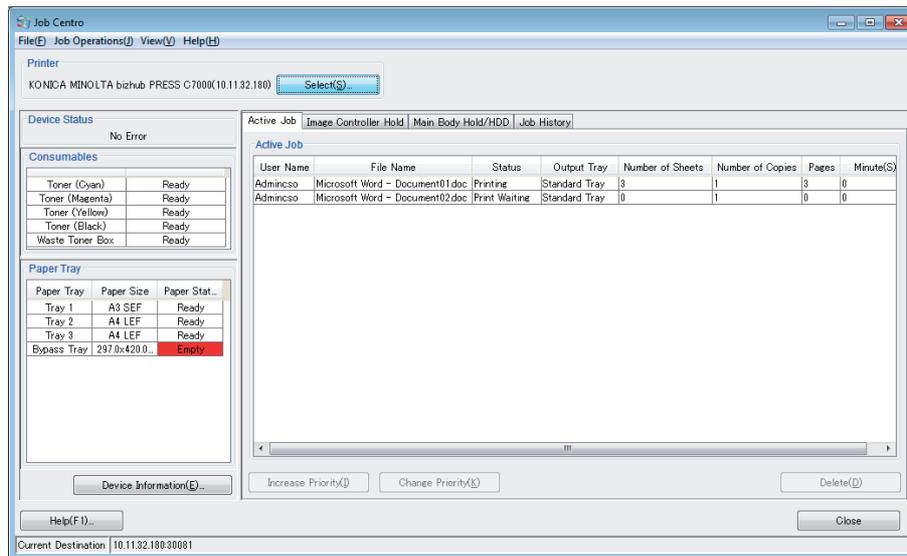
The user authentication/account track is necessary to display [Main Body Hold/HDD] screen when either or both of the user authentication and account track function are set to the main body that the image controller connects.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.
- 2 On [User Auth/Account Track] screen, select [Public User] or [Registered User].

- According to the settings of the main body, you can not occasionally select [Public User]. When you select [Public User], go to Step 4.
- 3 When [User Name] and [User Password] are available, enter the user name and the user password.
 - Specify the user name to [User Name] within 64 one-byte alpha-numerical characters.
 - Specify the user password to [User Password] within 64 one-byte alpha-numerical characters.
 - 4 When [Account Name] and [Account Password] are available, enter the account name and the account password.
 - Specify the account name and the account password to [Account Name][Account Password] within 8 one-byte alpha-numerical. When there is no account name, leave it blank.
 - When the user authentication synchronizes with the account track, [Account Name]/[Account Password] are set automatically with values of [User Name]/[User Password]. In this case, it is not necessary to enter to [Account Name] and [Account Password].
 - 5 Click [OK].
 - When you click [Cancel], this process is canceled. [Main Body Hold/HDD] screen appears.

5.2 Screens of Job Centro

This section describes the screens of Job Centro.



Item	Description
[Printer]	Displays the IP address of the printing system that is composed with the main body and the image controller currently connected.
[Device Status]	Displays the status of the main body.
[Consumables]	Displays the status of each toner and the waste toner box.
[Paper Tray]	Displays the paper information and the paper level for each paper tray.
[Device Information]	Displays the detailed information of the configuration of options installed to this main body, the toner level, etc.
[JOB LIST]	Displays [Active Job] screen, [Image Controller Hold] screen, [Main Body Hold/HDD] screen, [Job History] screen and buttons that are used on each screen. For detailed information of each screen, refer to page 6-2.
[Close]	Exits Job Centro and closes the Job Centro screen.
[Help]	Displays the Help screen.

5.2.1 [Printer]

Displays the IP address of the printing system that is composed with the main body and the image controller currently connected.

When you click [Select], [Select] screen appears. You can switch the connection on [Select] screen to connect to the other image controllers.



Reference

For details of [Select] screen, refer to page 5-2.

5.2.2 [Device Status]

Displays the status of the main body via the image controller currently connected.

The following statuses of the main body are displayed.

Display	Description
No Error	Shows that the main body has no error.
Low Power	Shows that the main body is in the low power mode.
Sleep	Shows that the main body is in the sleep mode.
Warming Up	Shows that the main body and the perfect binding option are warming up.
Calibrating	Shows that the printer engine is calibrating.
Low Paper	Shows that the paper level of either of paper trays is low.
No Paper	Shows that either of paper trays is empty or it is necessary to load the paper for the current printing job.
Low Toner	Shows that the toner level of either of toner bottles is low.
Toner Empty	Shows that the toner level of either of toner bottles is empty.
Cover Open	Shows that the door of the main body opens.
Paper Jam	Shows that the paper jam occurs in the main body. Remove the jammed paper following the instructions displayed on the control panel.
Service Call	Shows that the service call failure occurs at the main body or the image controller.
Paper Remaining on the Output Tray	Shows that either of output trays is full.
Waste Toner Full	Shows that the waste toner box is full.
Punch Dust Full	Shows that the punch-hole scraps box is full.
Waste Paper Full	Shows that the trim scrap box is full.
Staple Empty	Shows that the staple cartridge is empty.
Life Limit	Shows that the paste hopper for the perfect binding is empty and it is necessary to exchange the SD trimmer receiver.
Near Life Limit	Shows that the life limit of the SD trimmer receiver is near.
Maintenance Required	Shows that the life limit of the consumables are over.
In Menu (Service Mode)	Shows that the main body is in the service mode.

5.2.3 [Consumables]

Displays the status of each toner and the toner recovery box.

The following statuses of the toner are displayed.

Color	Status
None	Ready
Yellow	Near Empty
Red	Toner Empty

The following statuses of the waste toner box are displayed.

Color	Status
None	Ready
Yellow	Near Full
Red	Full

5.2.4 [Paper Tray]

Displays the paper information and the paper level for each paper tray.

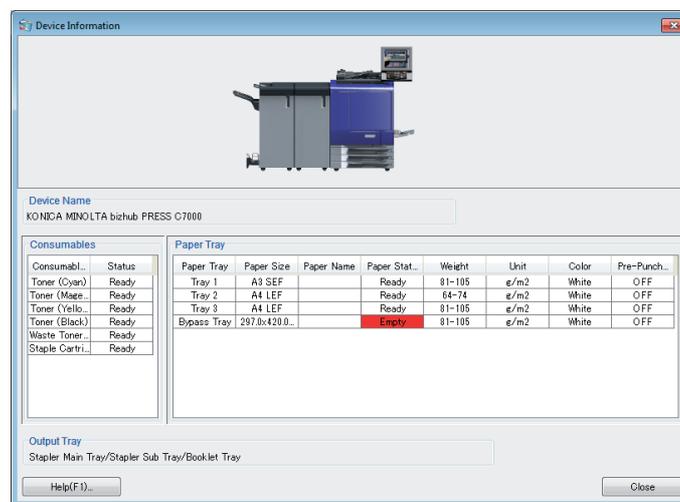
The following paper levels are displayed.

Color	Status
None	Ready
Yellow	Near Empty
Red	Empty

5.2.5 [Device Information]

When you click [Device Information], [Device Information] screen appears. [Device Information] screen displays the detailed information of the configuration of options installed to this main body, the toner level, etc.

The illustration on the screen may be different depending on the connected model.



Item	Description
Configuration of options	Displays the configuration of options installed to this main body.
[Device Name]	Displays the name of this main body. For detailed information, refer to page 5-4.
[Consumables]	Displays the status of each toner and the waste toner box. For detailed information, refer to page 5-5.
[Paper Tray]	Displays the paper information and the paper level for each paper tray. For detailed information, refer to page 5-6.
[Output Tray]	Displays each output tray of the printer currently connected
[Close]	Exits [Device Information] screen and returns to the Job Centro screen.
[Help]	Displays the Help screen.

5.2.6 [JOB LIST]

Displays [Active Job] screen, [Image Controller Hold] screen, [Main Body Hold/HDD] screen, [Job History] screen and buttons that are used on each screen.

Each screen can be displayed by clicking [Active Job] tab, [Image Controller Hold] tab, [Main Body Hold/HDD] tab or [Job History] tab.

[Active Job] screen

Displays the lists of the following jobs in the image controller and the main body.

- Job in the print queue of the main body that is printing
- Job in the print queue of the main body that is waiting of printing
- Job in the image controller that is in the RIP processing
- Job in the image controller that is waiting the RIP processing

In [Active Job] screen, the following job operations are available.

- Change of processing order
- Cancel of processing



Reference

For details of [Active Job] screen, refer to page 6-5.

[Image Controller Hold]

Displays the list of the saved job to the hold queue of the image controller.

In [Image Controller Hold] screen, the following job operations are available.

- Output
- Delete
- Edit of the job ticket
- Edit of the page



Reference

For details of [Image Controller Hold] screen, refer to page 6-9.

[Main Body Hold/HDD] screen

Displays the lists of the following jobs in the main body.

- Hold Job in the hold queue of the main body
- Saved Job in the main hold body HDD

In [Main Body Hold/HDD] screen, the following job operations are available.

- Reprint
- Delete



Reference

For details of [Main Body Hold/HDD] screen, refer to page 6-37.

[Job History] screen

Displays the list of the outputted job from the main body.



Reference

For details of [Job History] screen, refer to page 6-46.

5.2.7 [Close]

When you click [Close], exits Job Centro and closes the Job Centro screen.

The connection of the image controller currently connected is terminated.

When you use the User Authentication/Account Track, the information of authentication is discarded.

5.3 Layout Settings

This section describes how to set the layout of the following screens that are displayed on [JOB LIST].

- [Active Job] screen
- [Image Controller Hold] screen
- [Main Body Hold/HDD] screen
- [Job History] screen



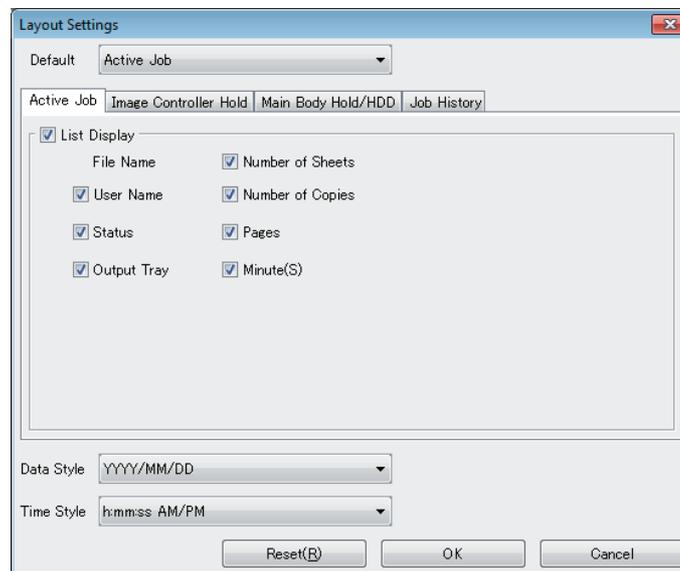
Reference

For detailed information of each screen, refer to page 6-5, page 6-9, page 6-37 and page 6-46.

5.3.1 How to display [Layout Settings] screen

The layout settings can be specified on [Layout settings] screen. [Layout Settings] screen can be displayed by the following procedures.

- 1 Select [File] menu - [Layout Settings].
[Layout Settings] screen appears.



5.3.2 Settings of the default tab

This section describes how to specify the default tab that is selected in [JOB LIST] on the launching of Job Centro.

- 1 Display [Layout Settings] screen.
- 2 From [Default], select the tab that is selected on the launching of Job Centro.
- 3 Click [OK].

5.3.3 Settings of the list items

This section describes how to specify the list items of each screen that are displayed on [JOB LIST].

The available list items of each screen are as follows.

Screen	Available list items	Note
Active Job	User Name, Status, Output Tray, Number of Sheets, Number of Copies, Pages and Minute(S)	
Image Controller Hold	User Name, Output Tray, Number of Sheets, Number of Copies, Time Stored and PDL	
Main Body Hold/HDD	User Name, Number of Sheets, Number of Copies and Last Update	The list items can be specified respectively for the hold queue and HDD.
Job History	User Name, Result, Number of Sheets, Number of Copies and Time Finished	

- 1 Display [Layout Settings] screen.
- 2 Clicking [Active Job] tab, [Image Controller Hold] tab, [Main Body Hold/HDD] tab or [Job History] tab, select the screen where the list items are specified.
- 3 To display more than one list item, check [List Display]. Not to display any list item, remove the check from [List Display].
 - When you remove the check from [List Display] on a certain tab, that tab is not displayed on [JOB LIST].
 - When you check [List Display] on a certain tab, [File Name] is always displayed in that tab.
- 4 Check the list items that you want to display. Or, remove the check from the list items that you do not want to display.
- 5 Repeat from Step 2 to Step 4 to specify the list items to display on each screen.
- 6 Click [OK].

5.3.4 Settings of the date style

This section describes how to specify the date style that is applied to the list items of [JOB LIST].

The date style is common and applied to [Image Controller Hold] screen - [Time Stored], [Main Body Hold/HDD] screen- [Last Update] and [Job History] screen - [Time Finished].

The available date styles are as follows.

Style	Sample	Note
YYYY/MM/DD	2009/08/25	Default style
DD/MM/YYYY	25/08/2009	
DD/Month/YYYY	25/Aug/2009	

- 1 Display [Layout Settings] screen.
- 2 From [Date Style], select the date style to apply.
- 3 Click [OK].

5.3.5 Settings of the time style

This section describes how to specify the time style that is applied to the list items of [JOB LIST].

The time style is common and applied to [Image Controller Hold] screen - [Time Stored], [Main Body Hold/HDD] screen- [Last Update] and [Job History] screen - [Time Finished].

The available time styles are as follows.

Style	Sample	Note
h:mm:ss AM/PM	5:59:00 PM	Default style
hh:mm:ss	17:59:12	

- 1 Display [Layout Settings] screen.
- 2 From [Time Style], select the time style to apply.
- 3 Click [OK].

5.3.6 Reset of the layout

This section describes how to return the layout settings of [JOB LIST] to the factory default.

- 1 Display [Layout Settings] screen.
- 2 Click [Reset] and then click [OK].

5.4 Exit from Job Centro

This section describes how to exit from Job Centro.

The procedures to exit from Job Centro are as follows;

- Select [File] menu - [Close].
Job Centro is terminated.
 - The connection of the image controller currently connected is terminated.
 - When you use the User Authentication/Account Track, the information of authentication is discarded.



How to Manage Job with Job Centro

6 How to Manage Job with Job Centro

6.1 Job Management of the Printing System

For proper use of Job Centro, this section describes the job management of the printing system that is composed with the main body and the image controller.

The jobs of the main body are managed using the control panel and other utility. The objects of the main body job management are the copy job, scan job and print job.

The jobs of the image controller are managed using Job Centro. The object of the image controller job management is print job.

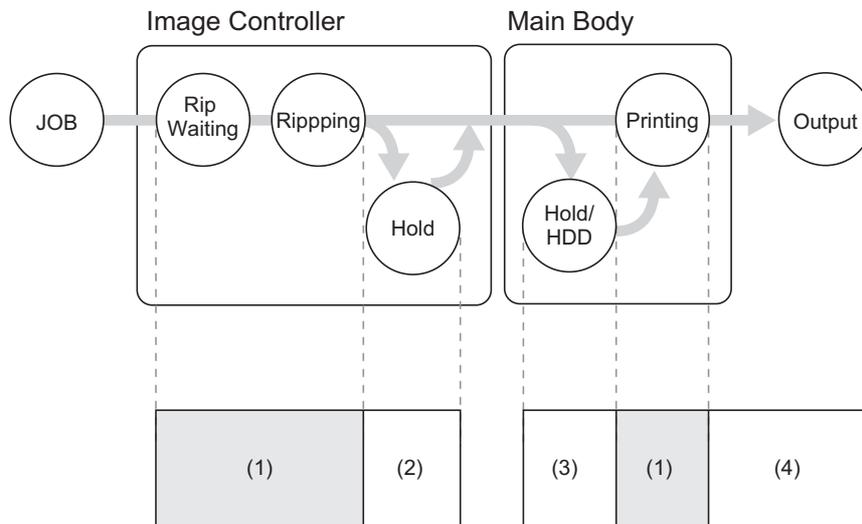
In addition, Job Centro can manage the job of the main body because Job Centro acquires the information of the main body from the image controller currently connected.

6.1.1 Overview of the Job Management by Job Centro

Job Centro uses the following 4 screens to manage job. Each screen can be displayed by clicking each tab of [JOB LIST].

- [Active Job] screen
- [Image Controller Hold] screen
- [Main Body Hold/HDD] screen
- [Job History] screen

The following job information of each phase is displayed in each screen.



The job of the phase (1) mentioned above are managed in [Active Job] screen. Please note that the both of jobs in the image controller and the main body are managed.

The job of the phase (2) mentioned above are managed in [Image Controller Hold] screen.

The job of the phase (3) mentioned above are managed in [Main Body Hold/HDD] screen.

The job of the phase (4) mentioned above are managed in [Job History] screen.

Using Job Centro, several operations can be done in the corresponding screens as follows; change of the job priority, output (reprint) of job, copy of job (from the hold queue of the main body to HDD of the main body and from the hold queue of the image controller to the hold queue of the main body), output of the secure print job and job deleting.

6.1.2 Function of [JOB LIST]

Job Management of Each Screen

The following jobs can be managed in each screen that displayed by clicking each tab of [JOB LIST].

Screen	Job Type
[Active Job] screen	Job in the print queue of the main body that is waiting of printing or is in printing Job in the image controller that is waiting the RIP processing or is in the RIP processing
[Image Controller Hold] screen	Saved Job to the hold queue of the image controller
[Main Body Hold/HDD] screen	Saved Job to the hold queue or HDD of the main body
[Job History] screen	Outputted Job

Available Menu of Each Screen

The menu items of each screen are as follows;

Menu	Menu Items	Active Job	Image Controller Hold	Main Body Hold/HDD	Job History
[File]	[Import]	×	○	×	×
	[Export]	×	×	×	○
	[Backup]	×	○	×	×
	[Restore]	×	○	×	×
	[Start] - [Color Centro]	○	○	○	○
	[Start] - [Web Connection]	○	○	○	○
	[Layout Settings]	○	○	○	○
	[Device Information]	○	○	○	○
	[Close]	○	○	○	○
[Job Operations]	[Increase Priority]	○	×	×	×
	[Change Priority]	○	×	×	×
	[Output]	×	○	○	×
	[Copy]	×	○	×	×
	[Delete]	○	○	○	×
	[Create Folder]	×	×	○	×
	[Start Search]	×	○	×	×
	[Clear]	×	○	×	×
	[Search Conditions]	×	○	×	×
	[Edit Job]	×	○	×	×
	[Edit Page]	×	○	×	×
	[Secure Print] - [Hold]	×	×	○	×
	[Secure Print] - [HDD]	×	×	○	×
[View]	[Active Job]	○	○	○	○
	[Image Controller Hold]	○	○	○	○
	[Main Body Hold/HDD]	○	○	○	○
	[Job History]	○	○	○	○

Menu	Menu Items	Active Job	Image Controller Hold	Main Body Hold/HDD	Job History
[Help]	[Help]	○	○	○	○
	[Version Information]	○	○	○	○

Other Functions of Each Screen

The other functions of each screen are as follows;

Item	Active Job	Image Controller Hold	Main Body Hold/HDD	Job History
Sorting of list	×	○	○	○
Change of the filename	×	○	×	×
Copy of job	×	○	○	×

6.2 Management

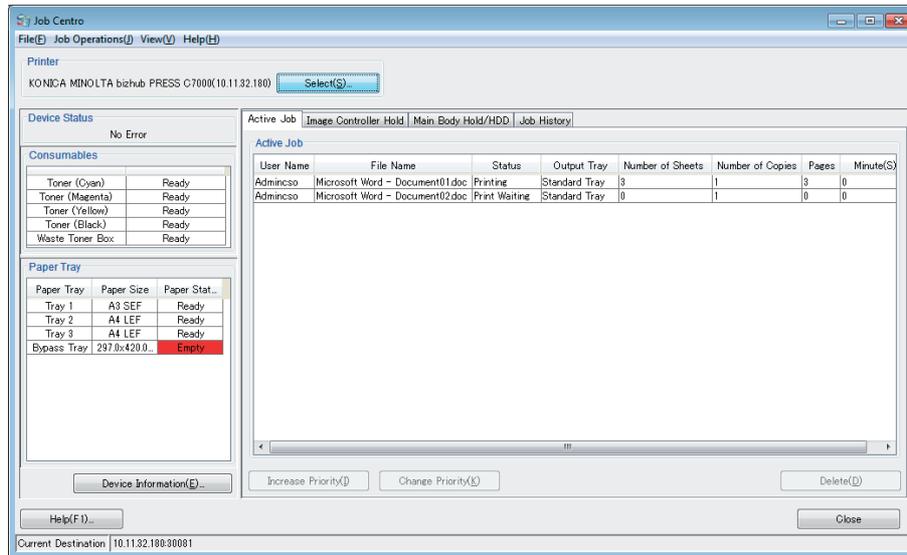
This section describes how to manage the active job using [JOB LIST] - [Active Job] screen.

[Active Job] screen

When you click [Active Job] tab, [Active Job] screen appears.

On [Active Job] screen - [Active Job] list, the information about two types of active job (processing job in the print queue of the main body and that in the image controller) is displayed.

The information of 100 jobs that have later "Time Stored" is displayed in the processing order.



Item	Description
[Active Job]	[User Name] Displays the output user name of the active job.
	[File Name] Displays the file name of the active job.
	[Status] Displays the status of the active job. For details of the status, refer to page 6-6.
	[Output Tray] Displays the output tray of the active job. When [Status] of the job is "Ripping" or "Receiving", displays the output tray name specified for the job.
	[Number of Sheets] Displays the number of sheets per 1 copy of the active job. The maximum number of sheets is "65535". When [Status] of the job is "Ripping" or "Receiving", displays "0".
	[Number of Copies] Displays the number of copies specified to the active job. The maximum number of copies is "9999".
	[Pages] Displays the number of remained pages of the active job. The maximum number of pages is "65535". When [Status] of the job is "Ripping" or "Receiving", displays "0".
	[Minute(S)] Displays the remained minute to complete of the active job. The maximum number of remained minute is "65535". When [Status] of the job is "Ripping" or "Receiving", displays "0".
[Increase Priority]	Changes the priority of the selected job to next of the job that is being processed and is same type.
[Change Priority]	Changes the priority of the selected job to one upper priority among the same type job.
[Delete]	Deletes the selected job from the list.

**Reference**

For the display settings of the list items, refer to page 5-8.

Status of Active Job

The statuses of the active job are as follows.

Status	Color	Description
Receiving	Black	Job is being received in the image controller.
Rip Waiting	Blue	Job is waiting the start of RIP processing after being received.
Ripping	Blue	Job is in the RIP processing in the image controller.
Transferring	Black	A job that is performing the RIP processing and transmitting the completed pages of the RIP processing to "Hold Queue" of the main body.
Print Waiting	Black	Job is in the RIP processing and the completed pages of the RIP processing are being transmitted to the main body, or job is waiting to be printed after the transmission of the whole pages to the main body.
Printing	Black	Job in the print queue of the main body is printing or is outputting papers.
Print Hold by Warning	Red	Job is stopped to be processed by the printer engine for warning.
Print Paused	Red	Job is stopped to be processed by the printer engine for some reasons.

6.2.1 Change the Active Job Priority

This section describes how to change the active job priority using [Active Job] screen.

The following functions are used to change the priority.

Function	Description
[Increase Priority] function	This function changes the priority of the job to next of the job that is being processed.
[Change Priority] function	This function changes the priority of the job to one upper priority among the same type job.

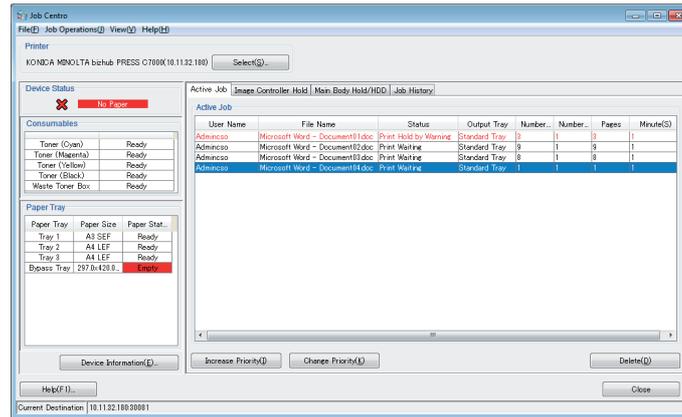
[Increase Priority]

This section describes how to change the priority of the job to next of the job that is being processed using [Increase Priority].

When the [Status] of the job is [Receiving], [Rip Waiting] or [Print Waiting] (only the job having completed the transmission to the main body), the priority of the job can be increased.

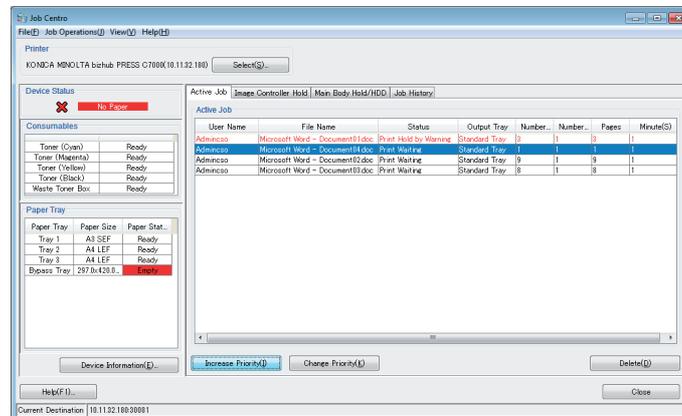
- 1 Click [Active Job] tab of the Job Centro Screen.
[Active Job] screen appears.
- 2 Select the job to increase the priority from [Active Job] list.

The selected job is highlighted.



3 Click [Increase Priority].

The priority of the selected job is changed to next of the job that is being processed.



- You can also operate by using [Increase Priority] from the right click menu.
- You can also operate by using [Job Operations] menu - [Increase Priority].
- You can not use [Increase Priority] when you select multiple jobs.
- When the [Status] of job is [Print Waiting], the priority of job is changed to next of the [Printing] job.
- When the [Status] of job is [Receiving] or [Rip Waiting], the priority of job is changed to next of the "Ripping" job at first. After RIP processing and transmission, it is changed to next of the "Printing" job.
- Depending on the timing of the operation, sometimes the priority might not be changed.

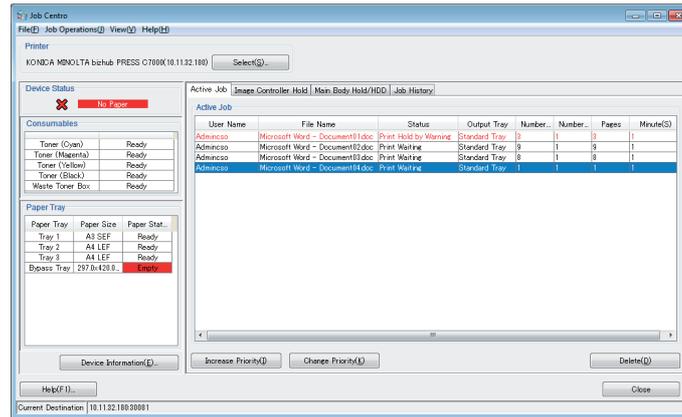
[Change Priority]

This section describes how to change the priority of the job to one upper priority using [Change Priority].

The priority of the job can be changed when [Status] of the job is [Receiving], [Rip Waiting], or [Print Waiting] (only the job having completed the transmission to the main body).

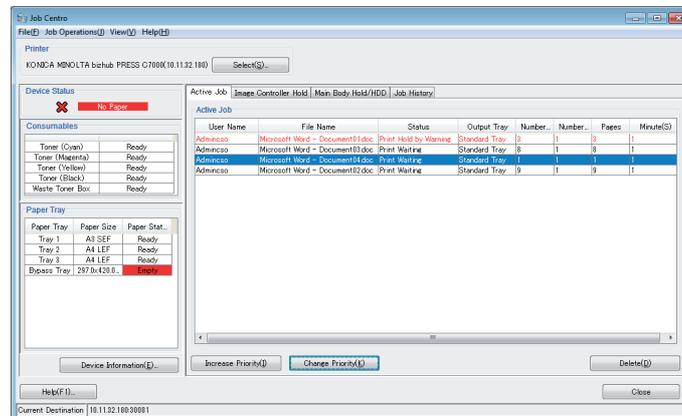
- 1 Click [Active Job] tab of the Job Centro Screen.
[Active Job] screen appears.
- 2 Select the job to change the priority from [Active Job] list.

The selected job is highlighted.



3 Click [Change Priority].

The priority of the selected job is changed to one upper priority among the same type job.



- You can also operate by using [Change Priority] from the right click menu.
- You can also operate by using [Job Operations] menu - [Change Priority].
- You can not use [Change Priority] when you select multiple jobs.
- Depending on the timing of the operation, sometimes the priority might not be changed.

6.2.2 Delete Active Job

This section describes how to delete the active job using [Delete] function in [Active Job] screen.

1 Click [Active Job] tab of the Job Centro Screen.

[Active Job] screen appears.

2 Select the job to delete from [Active Job] list.

The selected job is highlighted.

→ You can delete the multiple jobs.

3 Click [Delete].

Confirmation screen appears.

→ You can also operate by using [Delete] from the right click menu.

→ You can also operate by using [Job Operations] menu - [Delete].

4 Click [OK].

The selected job is deleted.

→ When you select the multiple jobs, all of those are deleted at a time.

→ It might take time to reflect the deleting result when the job takes time to be deleted.

6.3 Job Operation in the Image Controller (Image Controller Hold)

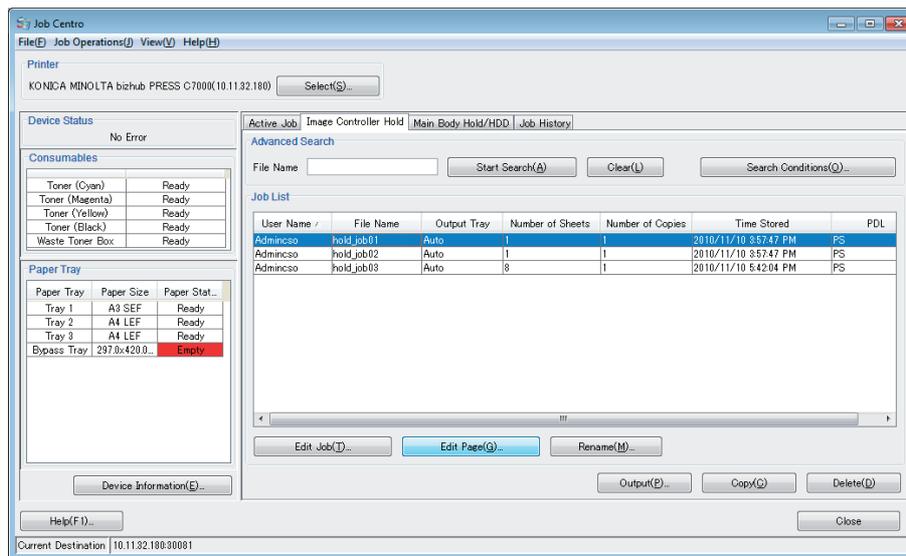
This section describes how to operate the job in the hold queue of the image controller using [JOB LIST] - [Image Controller Hold] screen.

[Image Controller Hold] screen

When you click [Image Controller Hold] tab, [Image Controller Hold] screen appears.

On the list of [Image Controller Hold] screen, the information about the job in the hold queue of the image controller is displayed by the specified condition and the specified order.

On the list of [Image Controller Hold] screen, 65535 jobs can be displayed at maximum.



Item	Description
[File Name]	Specify the text to use as search conditions when you search job by file name.
[Start Search]	Searches job.
[Clear]	Clears [File Name] and [Search Conditions] settings and displays the list of all jobs in the hold queue of the image controller.
[Search Conditions]	Display [Search Conditions] screen. Specify the condition to search job on [Search Conditions] screen.
[JOB LIST]	
[User Name]	Displays the output user name of the job in the hold queue of the image controller.
[File Name]	Displays the file name of the job in the hold queue of the image controller.
[Output Tray]	Displays the output tray specified for the job in the hold queue of the image controller.
[Number of Sheets]	Displays the number of sheets per 1 copy of the job in the hold queue of the image controller. The maximum number of sheets is "65535".
[Number of Copies]	Displays the number of copies specified to the job in the hold queue of the image controller. The maximum number of copies is "9999".
[Time Stored]	Displays the date/time when the job has been stored in the hold queue of the image controller
[PDL]	Displays the PDL of the job in the hold queue of the image controller.
[Edit Job]	Launches [Edit Job] utility. Using [Edit Job] utility, you can edit the print settings of the job selected from the list.

Item	Description
[Edit Page]	Launches [Edit Page] utility. Using [Edit Page] utility, you can edit the page of the job selected from the list.
[Rename]	Changes the file name of the job selected from the list.
[Output]	Transmits the job selected from the list to the print queue of the main body or copies it to the hold queue of the main body.
[Copy]	Copies the job selected from the list to the hold queue of the image controller.
[Delete]	Deletes the job selected from the list.



Reference

For the display settings of the list items, refer to page 5-8.

Sorting of list

The contents of list items on [Image Controller Hold] screen can be sorted.

When you display [Image Controller Hold] screen first after launching Job Centro, the list is displayed in ascending order of [User Name].

You can sort the list by clicking the list item name which becomes the key of sorting. When you click the item name, ▼ (descending order) or ▲ (ascending order) appears to the right of the item name and you can confirm the order. You can switch ▼ (descending order) and ▲ (ascending order) by clicking.

6.3.1 Search of Job in the Image Controller

This section describes how to search the job in the hold queue of the image controller.

The following functions are used to search job.

Function	Description
[Search by File Name] function	This function searches the job in the hold queue of the image controller by specifying a part of or whole of the file name as search keyword.
[Search Conditions] function	[Search Conditions] function searches the job in the hold queue of the image controller by specifying the detailed conditions.
[Clear] function	This function clears the search conditions and displays the list of all jobs in the hold queue of the image controller.

The search result appears as a list on [Image Controller Hold] screen.

When you see [Image Controller Hold] screen, confirm whether it is the search result or the list of all jobs in the hold queue of the image controller.

Search by File Name

This section describes how to search the job in the hold queue of the image controller using [Search by File Name] function.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.
[Image Controller Hold] screen appears.
- 2 Specify the text that is included in the file name of job you want to find to [File Name] as search keyword.

- To specify multiple texts, enter each text separated by commas ",". In this case, the file name that includes either of text separated by commas is searched.
- You can specify the text to [File Name] within 40 one-byte alpha-numerical characters.

3 Click [Start Search].

The result list shows the job that has the file name that includes a part of text specified in [File Name] or the whole of that.

- You can also operate by using [Job Operations] menu - [Start Search].

Search by Condition

This section describes how to search the job in the hold queue of the image controller by specifying the search condition to a part of or whole of [Search Conditions] screen - [File Name], [User Name] or [Specific Date Range].

1 Click [Image Controller Hold] tab of the Job Centro Screen.

[Image Controller Hold] screen appears.

2 Click [Search Conditions].

[Search Conditions] screen appears.

- You can also operate by using [Job Operations] menu - [Search Conditions].

3 When you use [File Name] as the search condition, check [File Name] and specify the text that is included in the file name of job you want to find to [File Name] as search keyword.

- To specify multiple texts, enter each text separated by commas ",". In this case, the file name that includes either of text separated by commas is searched.
- You can specify the text to [File Name] within 40 one-byte alpha-numerical characters.
- You can also leave [File Name] blank.
- The job is searched that has the file name that includes a part of text specified in [File Name] or the whole of that.

4 When you use [User Name] as the search condition, check [User Name] and specify the text that is included in the output user name of the job you want to find to [User Name] as search keyword.

- To specify multiple texts, enter each text separated by commas ",". In this case, the output user name that includes either of text separated by commas is searched.
- You can specify the text to [User Name] within from 1 to 32 one-byte alpha-numerical characters.
- The job is searched that has the output user name that includes a part of text specified in [User Name] or the whole of that.

5 When you use [Specific Date Range] as the search condition, check [Specific Date Range] and specify the starting date and last date of the period for search of "time stored" to [From] and [To].

- When you click [From] or [To], the calendar appears. When you click on the calendar, the date clicked is entered to the box.

6 With the same operation as Step 5, specify the last date of the period for search of "time stored" to each box in the lower of [Specific Date Range].

- The date that is older than the date specified to the upper box can not be specified to the lower box.

7 Click [OK].

The search is started and the result appears as a list on [Image Controller Hold] screen.

- When you click [Reset], the specified search conditions are cleared.
- When you click [Cancel], the specified settings are discarded and [Search Conditions] screen is closed to return the Job Centro screen.

Clearing Search Conditions

On [Image Controller Hold] screen, the list of the search result or the list of all jobs in the hold queue of the image controller is displayed. The function of [Clear] is useful because it can return the screen to the list of all jobs when the list currently displayed is unknown.

- 1 Click [Clear].

The search conditions that are specified by [Search by File Name] and [Search Conditions] functions are cleared and the list of all jobs in the hold queue of the image controller appears.

- You can also operate by using [Job Operations] menu - [Clear].

6.3.2 Print Job in the Hold Queue of the Image Controller and Copy it to the Hold Queue of the Main Body

This section describes how to print the job in the hold queue of the image controller and to copy it to the hold queue of the main body.

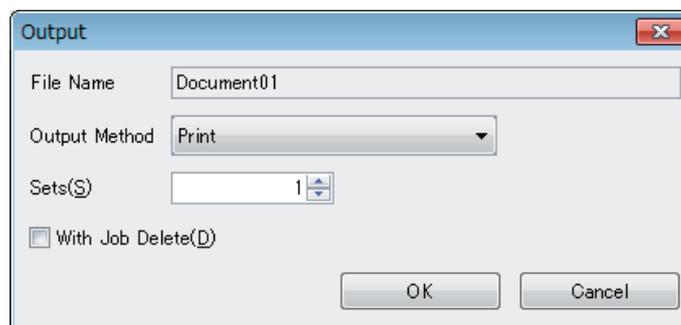
The following functions are used to print the job or copy the job to the hold queue of the main body.

Function	Description
[Output] function	This function prints the job in the hold queue of the image controller or copies the job to the hold queue of the main body.

Print Job

This section describes how to print the job in the hold queue of the image controller using [Output] function.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.
[Image Controller Hold] screen appears.
- 2 Select the job to print from the list.
The selected job is highlighted.
 - Select the job to print from the list.
 - When the job to print is not displayed in the list, display it by executing search or clearing the search conditions.
- 3 Click [Output].
[Output] screen appears.



- You can also operate by using [Output] from the right click menu.
- You can also operate by using [Job Operations] menu - [Output].

- 4 From [Output Method], select [Print].

- 5 Specify the number of copies to print to [Sets].
 - The available number of copies is from "1" to "9999".
- 6 To delete the printed job from the hold queue of the image controller, check [With Job Delete].
- 7 Click [OK].
 - The job is transmitted to the print queue of the main body and printed.

Copy Job to the Hold Queue of the Main Body

This section describes how to copy the job in the hold queue of the image controller to the hold queue of the main body using [Output] function.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.
[Image Controller Hold] screen appears.
- 2 Select the job to copy from the list.
The selected job is highlighted.
 - You can not copy when you select multiple jobs.
 - When the job to print is not displayed in the list, display it by executing search or clearing the search conditions.
- 3 Click [Output].
[Output] screen appears.
 - You can also operate by using [Output] from the right click menu.
 - You can also operate by using [Job Operations] menu - [Output].
- 4 From [Output Method], select [Main Body Hold].
- 5 To delete the printed job from the hold queue of the image controller, check [With Job Delete].
- 6 Click [OK].
The job is copied to the hold queue of the main body.

6.3.3 Copy/Delete Job in/from the Image Controller

This section describes how to copy/delete the job in/from the hold queue of the image controller.

The following functions are used to copy/delete the job.

Function	Description
[Copy] function	This function copies the job to the hold queue of the image controller.
[Delete] function	This function deletes the job from the hold queue of the image controller.

Copy Job

This section describes how to copy the job in the hold queue of the image controller using [Copy] function.

The destination of the copy is the hold queue of the image controller.

The file name of the copied job is same with that of the original job. You can not specify the file name.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.
[Image Controller Hold] screen appears.
- 2 Select the job to copy from the list.
The selected job is highlighted.
 - You can not copy when you select multiple jobs.
 - When the job to print is not displayed in the list, display it by executing search or clearing the search conditions.

- 3 Click [Copy].
The job is copied and displayed on [Image Controller Hold] screen.
→ You can also operate by using [Copy] from the right click menu.
→ You can also operate by using [Job Operations] menu - [Copy].

Delete Job

This section describes how to delete the job from the hold queue of the image controller using [Delete] function.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.
[Image Controller Hold] screen appears.
- 2 Select the job to delete from the list.
The selected job is highlighted.
→ You can delete the multiple jobs.
- 3 Click [Delete].
Confirmation screen appears.
→ You can also operate by using [Delete] from the right click menu.
→ You can also operate by using [Job Operations] menu - [Delete].
- 4 Click [OK].
The selected job is deleted.
→ When you select the multiple jobs, all of those are deleted at a time.
→ It might take time to reflect the deleting result when the job takes time to be deleted.

6.3.4 Operate Job File

This section describes how to operate the job file in the hold queue of the image controller.

The following functions are used to operate the job file.

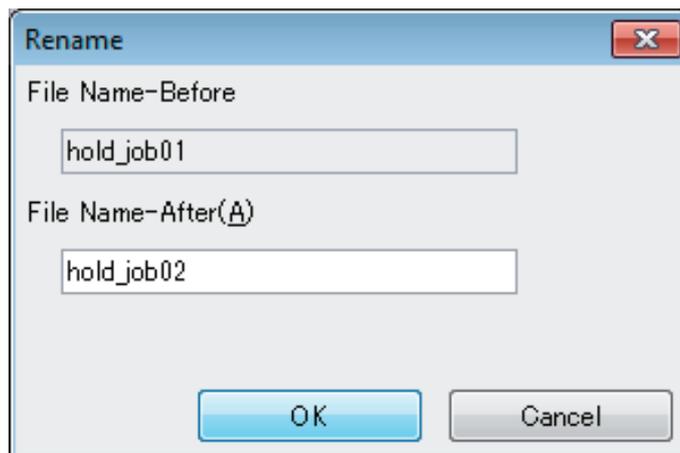
Function	Description
[Rename File Name] function	This function changes the file name of the job.
[Import] function	This function imports the file on the computer to the hold queue of the image controller.
[Backup] function	This function saves the job in the hold queue of the image controller as file (icj file).
[Restore] function	This function restores the job backed up to the hold queue of the image controller.

Rename File Name

This section describes how to rename the file name of the job in the hold queue of the image controller using [Rename File Name] function.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.
[Image Controller Hold] screen appears.
- 2 Select the job to change the file name from the list.
The selected job is highlighted.
→ When the job to print is not displayed in the list, display it by executing search or clearing the search conditions.
- 3 Click [Rename].

[Rename] screen appears.



- You can not use [Rename] when you select multiple jobs.
- You can also operate by using [Rename] from the right click menu.

- 4 Specify the new file name to [File Name-After].
 - Specify it to [File Name-After] within 40 one-byte alpha-numerical characters.
 - You can also specify the same file name as that of the existed job.
- 5 Click [OK].

The file name is changed.

Import Job

This section describes how to import the file on the computer to the hold queue of the image controller using [Import] function.

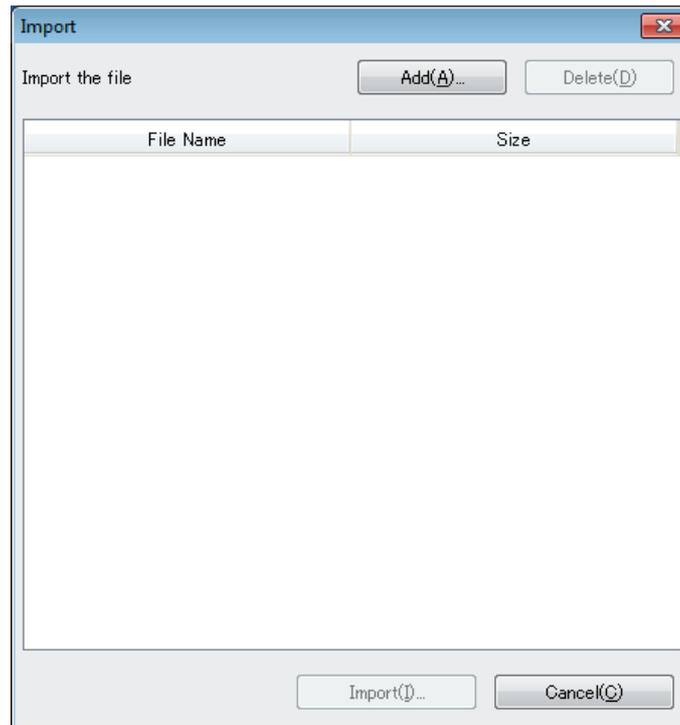
The imported file to the hold queue of the image controller is proceeded to the RIP processing, transmitted to the print queue of the main body and outputted, like the usual output processing.

- ✓ The file types that you can import are PS, PDF and TIFF.
- ✓ You can not import the data to which PJL is attached.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.

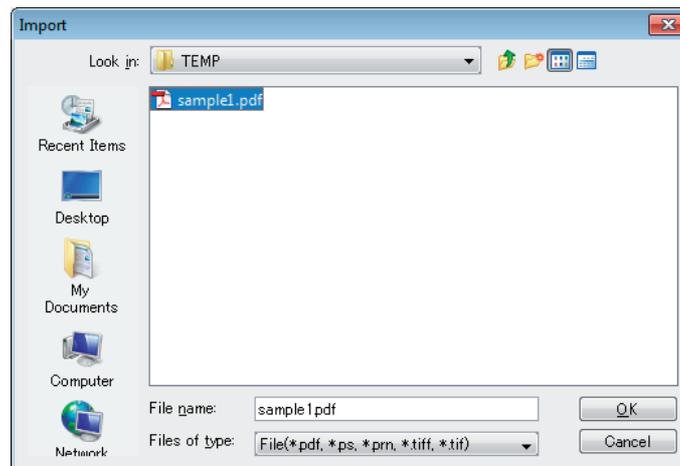
[Image Controller Hold] screen appears.
- 2 Select [File] menu - [Import].

[Import] screen appears.



3 Click [Add].

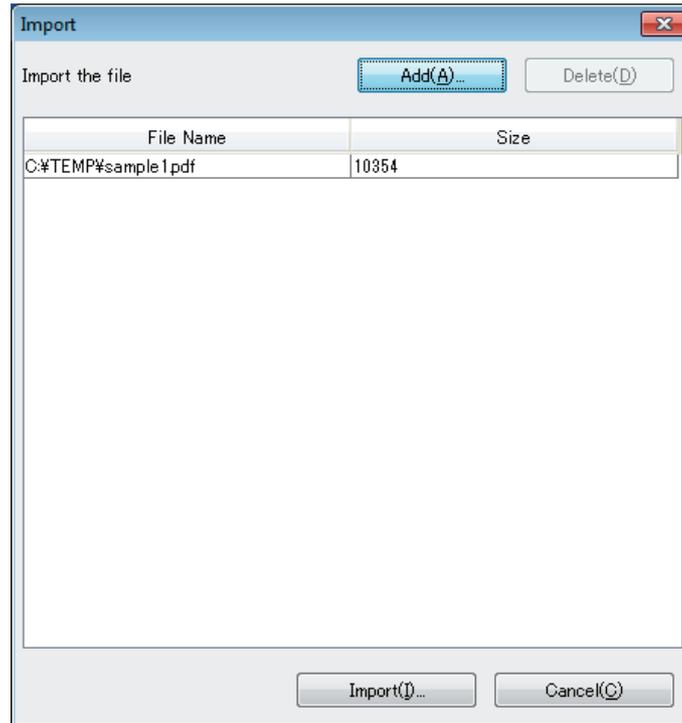
[Select File] screen appears.



4 Specify the saving place and file name for the job file you import and click [OK].

[Select File] screen closes and the screen that displays the progress of file adding process appears. After completing of the file adding process, returns to[Import] screen.

On the list of [Import] screen, the added file is displayed.



- 5 With the same operation as Step 3 to Step 4, display all job files you import on the list of [Import] screen.
→ When you remove the job file from the list, select the job file and click [Delete].
- 6 Click [Import].
All the added files are imported and displayed in the list of [Import] screen. [Import] screen closes and returns to [Image Controller Hold] screen.
On the list of [Image Controller Hold] screen, the imported job are displayed.
→ When you click [Cancel], import process is aborted and returns to [Image Controller Hold] screen.

Backup Job

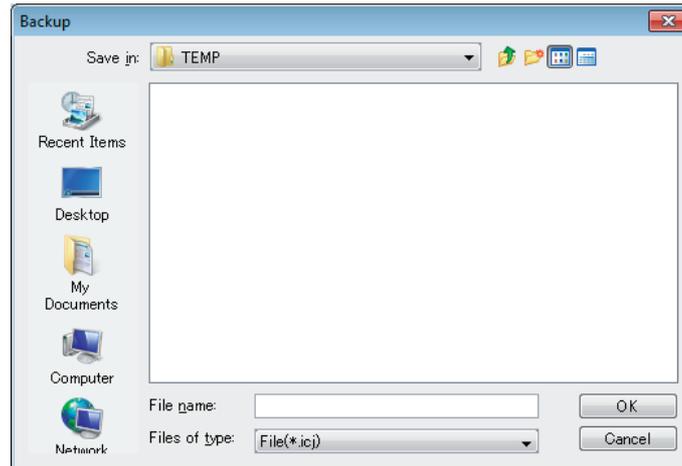
This section describes how to save the job in the hold queue of the image controller as file (icj file) using [Backup] function.

Using this function, a selected job can be saved to the computer

Using [Restore] function, the backedup job file also can be restored as a job to the hold queue of the image controller.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.
[Image Controller Hold] screen appears.
- 2 Select the job to backup from the list.
The selected job is highlighted.
→ When the job to print is not displayed in the list, display it by executing search or clearing the search conditions.
- 3 Select [File] menu - [Backup].

[Backup] screen appears.



- 4 Specify the saving place and file name for the job file you backup and click [OK].

[Backup] screen closes and the screen that displays the progress of backup process appears.

After completing of the backup process, returns to [Image Controller Hold] screen.

- When you click [Cancel] on the progress screen, the backup process is aborted and returns to [Image Controller Hold] screen.
- The job is saved in the icj file type.

Restore Job

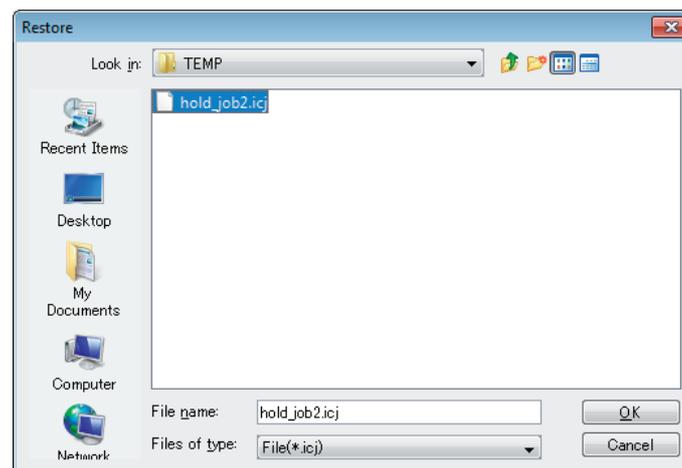
This section describes how to restore the backedup job file as a job to the hold queue of the image controller using [Restore] function.

- 1 Click [Image Controller Hold] tab of the Job Centro Screen.

[Image Controller Hold] screen appears.

- 2 Select [File] menu - [Restore].

[Restore] screen appears.



- 3 Specify the saving place and file name for the job file you restore and click [OK].

[Restore] screen closes and the screen that displays the progress of restore process appears.

After completing of the restore process, returns to [Image Controller Hold].

On the list of [Image Controller Hold] screen, the restored job is displayed.

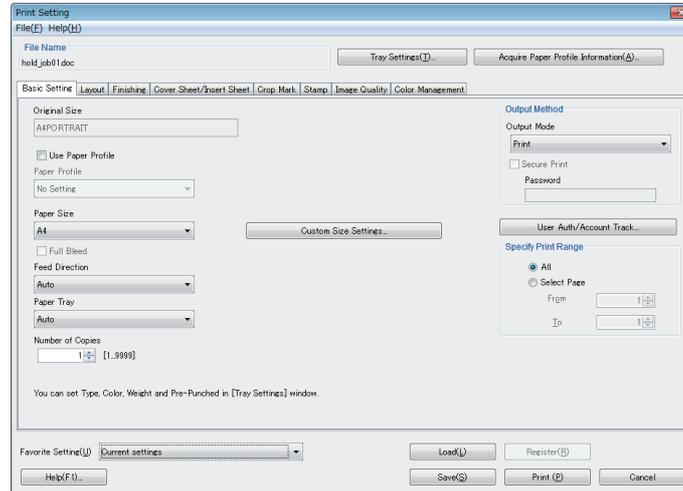
- The backedup job file is saved in the icj file type.
- When you click [Cancel] on the progress screen, the restore process is aborted and returns to [Image Controller Hold] screen.

6.3.5 Edit Job in the Image Controller

When you select a job from the list of [Image Controller Hold] and select [Job Operations] menu - [Edit Job], [Edit Job] utility is launched. Using [Edit Job] utility, you can edit the print settings of the job selected from the list.

For details of the print settings, refer to User's Guide - Printer (IC-601).

Configuration of The Print Setting Screen



Function	Description
[File Name]	It displays the file name.
[Tray Settings]	You can specify the tray settings. Refer to page 6-20 for more detailed information.
[Acquire Paper Profile Information]	You can obtain and list the paper profile information from the main body.
Tab	There are following tabs in which you can set various print settings. Refer to page 6-21 for more detailed information. <ul style="list-style-type: none"> • Basic Setting • Layout • Finishing • Cover Sheet/Insert Sheet • Crop Mark • Stamp • Image Quality • Color Management
[Favorite Setting]	You can register/load Favorite Setting. Refer to page 6-32 for more detailed information.
[Help]	Click to display the help.
[Save]	Click to save the updated settings and exit from the screen.
[Print]	Click to save the updated settings and print a document.
[Cancel]	Click to cancel the screen without saving the updated settings.

[Tray Settings] screen

Device Status

Acquire Device Information

Paper Tray	Paper Name	Size	Feed Direc...	Type	Weight	Unit
Tray 1	001 paper01	A4	LEF	Plain Paper	64-74	g/m2
Tray 2		A4	LEF	Plain Paper	75-80	g/m2
Tray 3		A4	LEF	Plain Paper	64-74	g/m2
Bypass Tray		A4 Tab	LEF	Plain Paper	75-80	g/m2

Paper Setting

Reflect Device Status

Paper Tray	Paper Name	Size	Feed Direc...	Type	Weight	Unit
Auto				Plain Paper	No Setting	g/m2
Tray 1	001 paper01	A4	LEF	Plain Paper	64-74	g/m2
Tray 2		A4	LEF	Plain Paper	75-80	g/m2
Tray 3		A4	LEF	Plain Paper	64-74	g/m2
Bypass Tray		A4 Tab	LEF	Plain Paper	75-80	g/m2

Type: Plain Paper

Color: White

Weight: 64-74

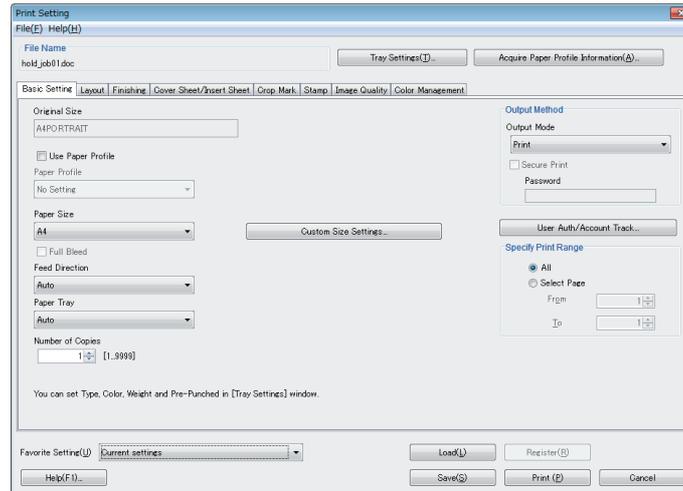
Pre-Punched: OFF

Weight Unit: g/m2

OK Cancel

Function	Description
[Device Status]	It displays the paper tray information in the main body. Press [Acquire Device Information] to obtain the latest paper tray information from the main body.
[Paper Setting]	<p>You can set the paper tray information for Job Centro.</p> <p>(To set the same paper tray information as one in the main body)</p> <ol style="list-style-type: none"> 1. Press [Acquire Device Information] to obtain the latest paper tray information from the main body. 2. Select the tray from the [Device Status] column. 3. Select the target tray from the [Paper Setting] column and press [Reflect Device Status]. 4. Repeat the step 2 and 3 for each tray. 5. Press [OK]. <p>(To specify the user-defined tray settings)</p> <ol style="list-style-type: none"> 1. Select the target tray from the [Paper Setting] column. 2. Set [Type], [Weight], [Weight Unit], [Color], and [Pre-Punched]. 3. Press [OK].

[Basic Setting] screen

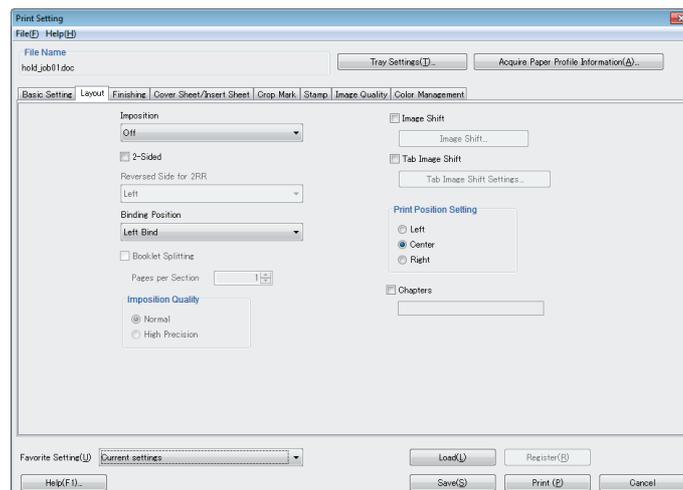


Function	Description
[Original Size]	It displays the original size and orientation for the job.
[Use Paper Profile]	You can specify whether to use the paper profile or not.
[Paper Profile]	Select the paper profile to use. [Paper Size] and [Feed Direction] are automatically changed to the setting values for the selected paper profile.
[Paper Size]	You can specify the paper size. To use the custom size, register the paper size in [Custom Size Settings] and select the registered paper size from the [Paper Size] list. Refer to page 6-23 for more detailed information on how to register the paper size. <div data-bbox="699 1171 1393 1574" style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> </div> <ul style="list-style-type: none"> The custom size is displayed in the paper size list in [Per Page Setting] and [Perfect Binding Settings].
[Full Bleed]	Check this to print with no margins. This is available if the paper size is wider than the original size at least 5 mm in width and height.
[Feed Direction]	You can specify the feed direction.
[Paper Tray]	You can specify the paper tray to use. Once the paper tray is specified, [Paper Size] and [Feed Direction] are automatically changed to the values set in the [Tray Settings] screen. This is disabled if the paper profile is specified.
[Number of Copies]	You can specify the number of copies.

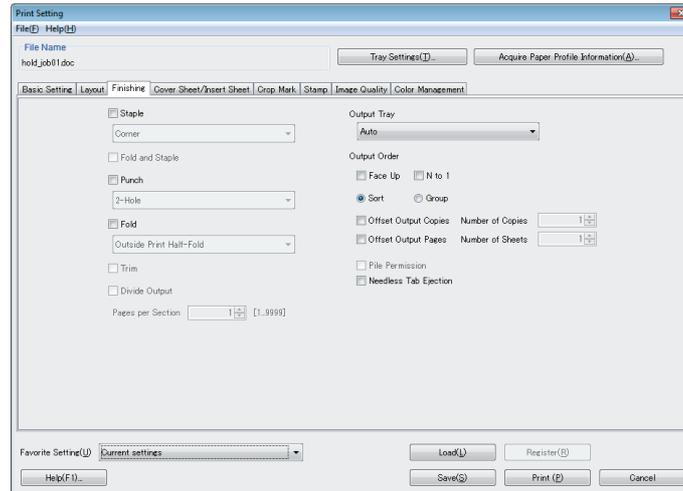
Function	Description
[Output Mode]	You can specify the output mode (Print, Main Body Hold/Print, Main Body Hold). This setting is not retained even if you click [Save]. It is enabled only when printing the job by pressing [Print] on the Print Setting screen.
[Secure Print]	Check this to add the password to the job when sending it to the main body if [Main Body Hold] is selected in [Output Mode]. You need to input the password in the control panel in the main body to print the job. This setting is not retained even if you click [Save]. It is enabled only when printing the job by clicking [Print] on the Print Setting screen.
[User Auth/Account Track]	Click this to set the user authentication information if the User Authentication/Account Track function is enabled in the main body.
[Specify Print Range]	You can specify the print range. This setting is not retained even if you click [Save]. It is enabled only when printing the job by clicking [Print] on the Print Setting screen.

[Custom Size Settings] screen

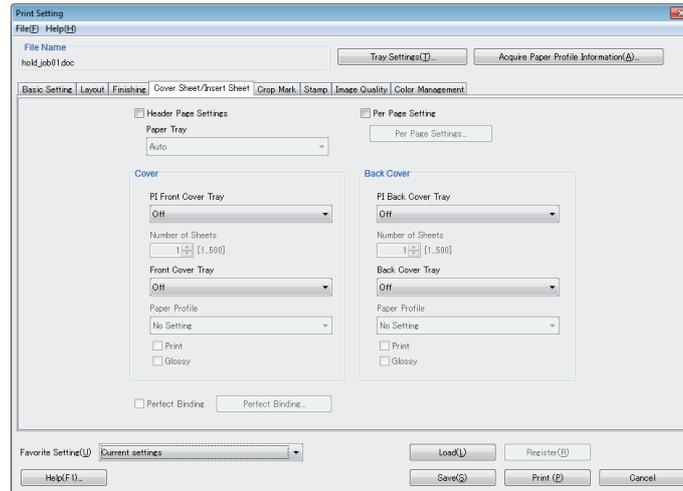
Function	Description
[Custom Size List]	<p>It lists the custom size registered in Job Centro. You can register up to 20 custom sizes.</p> <p>[Up]/[Down]: Press this to change the order of the selected custom size.</p> <p>[Add]: Click this to add a new custom size. You can set the added custom size in the [Regist/Edit] section.</p> <p>[Delete]: Click this to delete the selected custom size.</p>
[Regist/Edit]	<p>(To create a new custom size)</p> <ol style="list-style-type: none"> 1. Press [Add] to add a new line in Custom Size List. 2. Set [Width], [Height], and [Unit] in the [Regist/Edit] section. 3. Press [Register]. 4. Press [OK]. <p>(To edit an existing custom size)</p> <ol style="list-style-type: none"> 1. Select a custom size to edit in Custom Size List. 2. Set [Width], [Height], and [Unit] in the [Regist/Edit] section. 3. Press [Register]. 4. Press [OK].

[Layout] screen

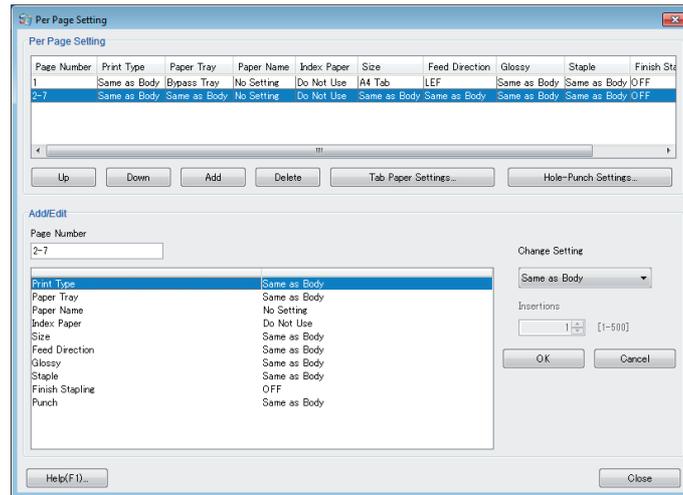
Function	Description
[Imposition]	You can specify the imposition setting such as 2 in 1, repeat, Booklet, etc.
[2-Sided]	Check this to perform 2-sided printing.
[Reversed Side for 2PR]	You can specify the reversed side if [2 Repeat Reversal] is selected in [Imposition].
[Binding Position]	You can specify the binding position.
[Booklet Splitting]	Check this to perform booklet splitting. Set [Pages per Section] to output a booklet in the specified number of pages.
[Imposition Quality]	You can specify the imposition quality for Booklet and Adhesive Binding. Select [High Precision] to set the values for [Page Interval] in [Image Shift] more precisely.
[Image Shift]	You can specify the shift amount of the page image on the paper.
[Tab Image Shift]	You can specify the shift amount of the page image on the paper if it is the tab paper.
[Print Position Setting]	You can specify the print position of the page image on the paper.
[Chapter]	You can specify the page number for the chapter. You can specify the front side in the 2-Sided printing.

[Finishing] screen

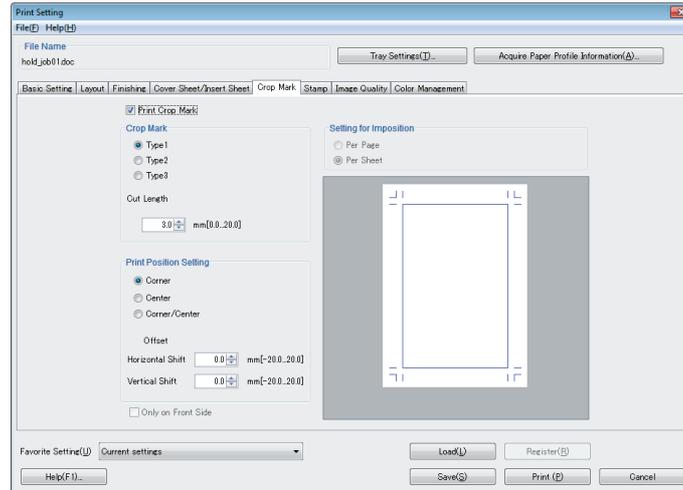
Function	Description
[Staple]	You can specify the staple setting.
[Fold & Staple]	You can specify the fold & staple setting.
[Punch]	You can specify the punch setting.
[Fold]	You can specify the fold setting.
[Trim]	You can specify the trim setting.
[Divide Output]	You can specify the number of pages to staple.
[Output Order] - [Face Up]	Check this to output the page with face up.
[Output Order] - [N to 1]	Check this to print in reverse order.
[Sort/Group]	You can specify the sort printing or group printing.
[Offset Output Copies]	You can specify the number of copies to offset. The output job is offset at the specified number of copies.
[Offset Output Pages]	You can specify the number of sheets to offset. The output job is offset at the specified number of sheets.
[Pile Permission]	You can specify whether to accept to stack the print job in the stacker.
[Needless Tab Ejection]	Check this to eject an unwanted tab paper.

[Cover Sheet/Insert Sheet] screen

Function	Description
[Header Page Settings]	Check this to output the header page that describes the job information. You can specify the paper tray for the header page.
[Per Page Setting]	You can specify the per page setting. You can specify the per page setting for [Print Type], [Paper Tray], [Paper Size], [Feed Direction], [Glossy], [Staple], [Finish Stapling], and [Punch]. Refer to page 6-27 for more detailed information.
[PI Front Cover Tray]	Set this if you want to insert the front cover from the PI tray.
[Front Cover Tray]	You can specify the paper tray for the front cover. Check [Print] to print the front cover. Check [Glossy] to print in the glossy mode.
[Paper Profile (Front Cover)]	You can select the registered paper profile.
[PI Back Cover Tray]	Set this if you want to insert the back cover from the PI tray.
[Back Cover Tray]	You can specify the paper tray for the back cover. Check [Print] to print the front cover. Check [Glossy] to print in the glossy mode.
[Paper Profile (Back Cover)]	You can select the registered paper profile.
[Perfect Binding]	You can specify whether to set the Perfect Binding function.
[Perfect Binding]	You can specify the perfect binding settings. You can set Cover Print Mode, Cover Tray, Cover Size, Paper Profile, Cover Duplex, Cover Trimming, Spine Width, and Glossy Mode.

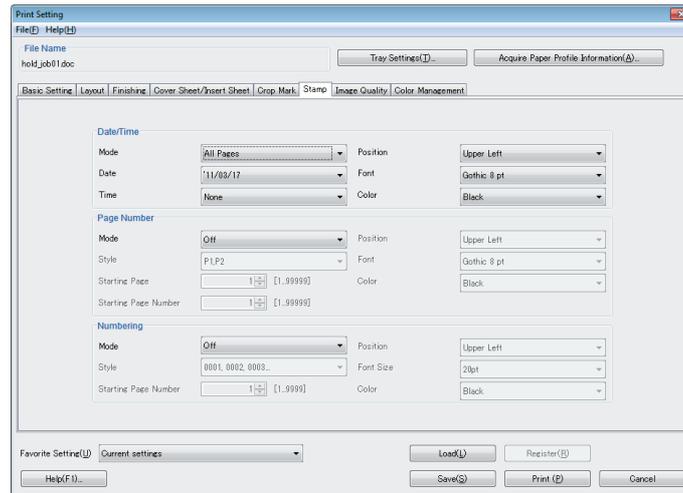
[Per Page Setting] screen

Function	Description
[Per Page Setting]	<p>It displays the per page settings for the job.</p> <p>[Up]/[Down]: You can change the order of the selected per page setting.</p> <p>[Add]: You can add a new per page setting. You can set the added per page setting in the [Add/Edit] section.</p> <p>[Delete]: You can delete the selected per page setting.</p> <p>[Tab Paper Settings]: You can set the paper tray for Tab Paper 1/2, Size, and Number of Tabs.</p> <p>[Hole-Punch Settings]: You can set the hole-punch settings when you want to enable/disable the punch setting per page. This setting is linked with the punch setting in the [Finishing] screen.</p>
[Add/Edit]	<p>(To add a new per page setting)</p> <ol style="list-style-type: none"> 1. Press [Add]. 2. Set [Page Number] in the [Add/Edit] section. You can specify more than one page with hyphen and comma. (E.g.: 2,4,6-10) 3. Set each items. You can set [Print Type], [Paper Tray], [Paper Name], [Index Paper], [Size], [Feed Direction], [Glossy], [Staple], [Finish Stapling], and [Punch]. 4. Press [OK]. <p>(To edit an existing per page setting)</p> <ol style="list-style-type: none"> 1. Select the per page setting to edit. 2. Set each item in the [Add/Edit] section. 3. Press [OK].

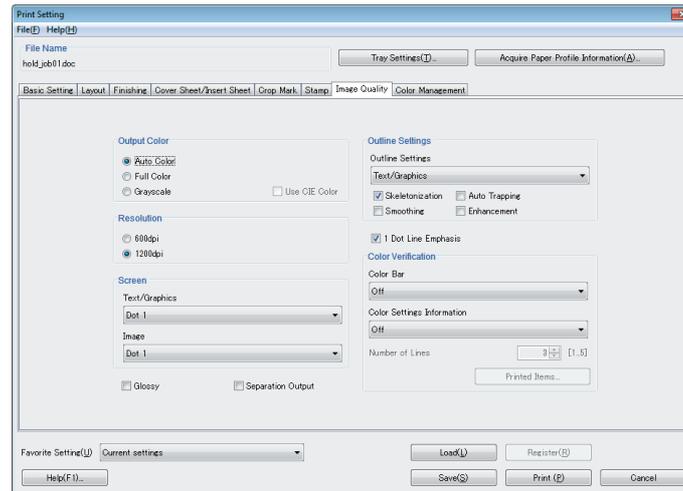
[Crop Mark] screen

Function	Description
[Print Crop Mark]	You can specify whether to print the crop mark or not.
[Crop Mark]	You can specify the type of the crop mark (Type 1/2/3).
[Cut Length]	You can specify the cut length.
[Print Position Setting]	You can specify the position to print the crop mark (Corner, Center, or Corner/Center).
[Offset]	You can specify the horizontal shift/vertical shift.
[Only on Front Side]	Check this to print the crop mark only on the front side in 2-sided printing.
[Setting for Imposition]	You can specify whether to print the crop mark per page or per sheet.

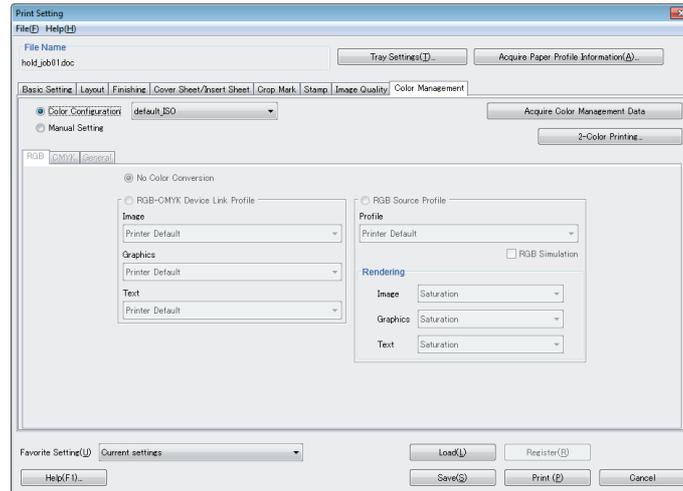
[Stamp] screen



Function		Description
[Date/Time]	[Mode]	You can specify how to print the date/time (All Pages or 1st Page Only).
	[Date]	You can specify the date format.
	[Time]	You can specify the time format.
	[Position]	You can specify the print position for date/time.
	[Font]	You can specify the font and font size for date/time.
	[Color]	You can specify the text color for date/time.
[Page Number]	[Mode]	You can specify how to print the page number (All Pages, Other than 1st/Last Page, Other than 1st Page).
	[Style]	You can specify the format for the page number.
	[Starting Page]	You can specify the page to start printing the page number.
	[Starting Page Number]	You can specify the starting number for the page number.
	[Position]	You can specify the print position for the page number.
	[Font]	You can specify the font and font size for the page number.
	[Color]	You can specify the text color for the page number.
[Numbering]	[Mode]	You can specify how to print the numbering (All Pages or 1st Page Only).
	[Style]	You can specify the format for the numbering.
	[Starting Page Number]	You can specify the starting number for the numbering.
	[Position]	You can specify the print position for the numbering.
	[Color]	You can specify the text color for the numbering.

[Image Quality] screen

Function	Description
[Output Color]	You can specify the output color.
[Resolution]	You can specify the resolution.
[Screen]	You can specify the screen for Text/Graphics and Image. You can select [Dot 1], [Dot 2], [Line 1], [Line 2], or [Stochastic].
[Glossy]	Check this to enable the glossy mode.
[Separation Output]	Check this to print the page in each color component of CMYK separately.
[Outline Settings]	You can specify whether to apply the outline settings only to the Text/Graphics region or the Text/Graphics/Images region.
[Skeletonization]	You can specify whether to apply the skeletonization or not.
[Smoothing]	You can specify whether to apply the smoothing or not.
[Enhancement]	You can specify whether to apply the enhancement or not.
[Auto Trapping]	You can specify whether to apply the auto trapping or not.
[1 Dot Line Emphasis]	You can specify whether to apply the 1 dot line emphasis.
[Color Bar]	You can specify the print position for the color bar.
[Color Settings Information]	You can specify the print position for the color settings information.
[Number of Lines]	You can specify the number of lines for printing the color settings information.
[Printed Items]	You can specify the color settings information item to print.

[Color Management] screen

Function	Description
[Color Configuration]	You can specify the color configuration to use.
[Acquire Color Management Data]	Press this to obtain information for the color configuration, profile, and tone curve from Image Controller.
[Manual Setting]	Check this to set the color conversion manually without using the color configuration.
[RGB]	You can specify the color conversion for RGB.
[CMYK]	You can specify the color conversion for CMYK.
[Others]	You can specify the settings such as the printer profile, tone curve, etc.
[2-Color Printing]	You can specify the 2-color printing setting.

Favorite Setting

To register the current print setting, select the destination (User Setting 1-30) from [Favorite Setting] and click [Register]. To load the registered print setting, select the name from the [Favorite Setting] list and click [Load].

You can edit the destination (User Setting 1-30) name.

To restore to the current setting values, select [Current settings] from the [Favorite Setting] list and click [Load].

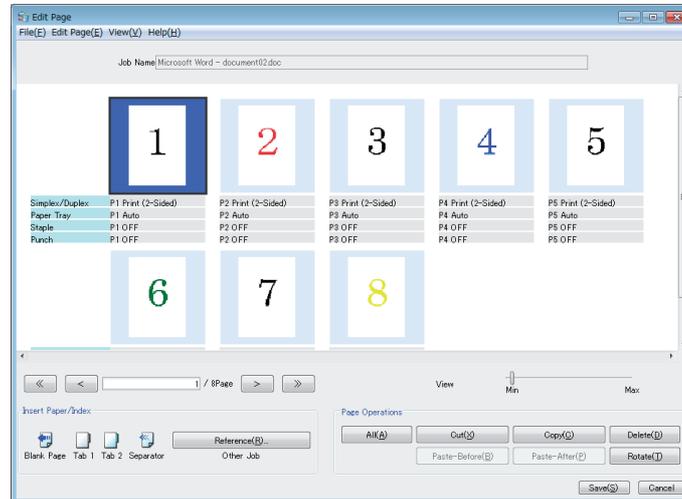
To restore the default setting values, select [Default] from the [Favorite Setting] list and click [Load].



6.3.6 Edit Page of the Job in the Image Controller

When you select a job from the list of [Image Controller Hold] and select [Job Operations] menu - [Edit Page], [Edit Page] utility is launched. Using [Edit Page] utility, you can move/copy/delete page or insert the blank page/tab page/chapter separator viewing the thumbnail of page data. You can also copy pages from other job.

Edit Page Screen



Item	Description														
[Job Name]	Displays the name of job.														
[Page View Area]	Displays the thumbnail of each page in order of the page. The page information (Simplex/Duplex, Paper Tray, Staple, and Punch) is displayed under the thumbnail.														
[Page Navigation]	Displays the page by entering the number of page or using the following buttons. [<<]: Displays the first page. [<]: Displays the previous page. [>]: Displays the next page. [>>]: Displays the last page.														
[View]	Changes the view size of the screen using the slider.														
[Insert Paper/Index]	Inserts the blank page, tab page or chapter separator by dragging each icon (Blank Paper, Tab 1/2, Separator).														
[Page Operations]	<table border="1"> <tbody> <tr> <td>[All]</td> <td>Selects all pages.</td> </tr> <tr> <td>[Cut]</td> <td>Cuts the selected page.</td> </tr> <tr> <td>[Copy]</td> <td>Copies the selected page.</td> </tr> <tr> <td>[Delete]</td> <td>Deletes the selected page.</td> </tr> <tr> <td>[Paste-Before]</td> <td>Inserts the page you copied or cut to the previous of the selected page.</td> </tr> <tr> <td>[Paste-After]</td> <td>Inserts the page you copied or cut to the next of the selected page.</td> </tr> <tr> <td>[Rotate]</td> <td>Rotates the selected page by 180 degrees.</td> </tr> </tbody> </table>	[All]	Selects all pages.	[Cut]	Cuts the selected page.	[Copy]	Copies the selected page.	[Delete]	Deletes the selected page.	[Paste-Before]	Inserts the page you copied or cut to the previous of the selected page.	[Paste-After]	Inserts the page you copied or cut to the next of the selected page.	[Rotate]	Rotates the selected page by 180 degrees.
[All]	Selects all pages.														
[Cut]	Cuts the selected page.														
[Copy]	Copies the selected page.														
[Delete]	Deletes the selected page.														
[Paste-Before]	Inserts the page you copied or cut to the previous of the selected page.														
[Paste-After]	Inserts the page you copied or cut to the next of the selected page.														
[Rotate]	Rotates the selected page by 180 degrees.														
[Save]	Saves the settings and closes the screen.														
[Cancel]	Closes the screen without saving.														

Move Page

This section describes how to move the page within the job.

- 1 Select the page that you want to move and select [Cut] from the right click menu.
The selected page is highlighted.
→ You can select and cut the multiple pages.
- 2 Right click between destination pages of move and select [Paste].
→ You can also operate by selecting the destination page of move and using [Paste-Before] or [Paste-After] from the right click menu.
→ You can also operate by selecting the destination page of move and clicking [Page Operations] - [Paste-Before] or [Paste-After] button.

Reference

You can also operate by dragging & dropping the moving page between destination pages.

- The shape of the mouse cursor becomes a cross when you drag the page.
- When you move the cross shape cursor to the destination point, the pop-up string of [Move] appears.

Copy Page

This section describes how to copy the page within the job.

- 1 Select the page that you want to copy and select [Copy] from the right click menu.
The selected page is highlighted.
→ You can select and copy the multiple pages.
- 2 Right click between destination pages of copy and select [Paste].
→ You can also operate by selecting the destination page of copy and using [Paste-Before] or [Paste-After] from the right click menu.
→ You can also operate by selecting the destination page of copy and clicking [Page Operations] - [Paste-Before] or [Paste-After] button.

Copy Page from Other Job

This section describes how to copy the page from other job.

- 1 Click [Reference].
[Reference] screen appears.
- 2 Select the job from the list of the left area on the screen.
When the PDL of the job that is opened on [Edit Page] utility is PS/PDF:
The list of PS/PDF job appears.
When the PDL of the job that is opened on [Edit Page] utility is TIFF:
The list of TIFF job appears.
- 3 Select the page that you want to copy from the list of the right area on the screen and select [Copy] from the right click menu.
The selected page is highlighted.
→ You can also operate by clicking [Copy] button.
→ You can select and copy the multiple pages.
- 4 On [Edit Page] utility, right click between destination pages of copy and select [Paste].
→ You can also operate by selecting the destination page of copy and using [Paste-Before] or [Paste-After] from the right click menu.
→ You can also operate by selecting the destination page of copy and clicking [Page Operations] - [Paste-Before] or [Paste-After] button.

Reference

You can also operate by dragging & dropping the copying page of [Reference] screen between destination pages of [Edit Page] utility

- The shape of the mouse cursor becomes a cross when you drag the page.
- When you move the cross shape cursor to the destination point, the pop-up string of [Insert] appears.

Delete Page

This section describes how to delete the page within the job.

- 1 Select the page that you want to delete and select [Delete] from the right click menu.

The selected page is highlighted.

- You can select and delete the multiple pages.
- You can also operate by clicking [Page Operations] - [Delete] button.

Rotate Page

This section describes how to rotate the page within the job.

- 1 Select the page that you want to rotate by 180 degrees and select [Rotate] from the right click menu.

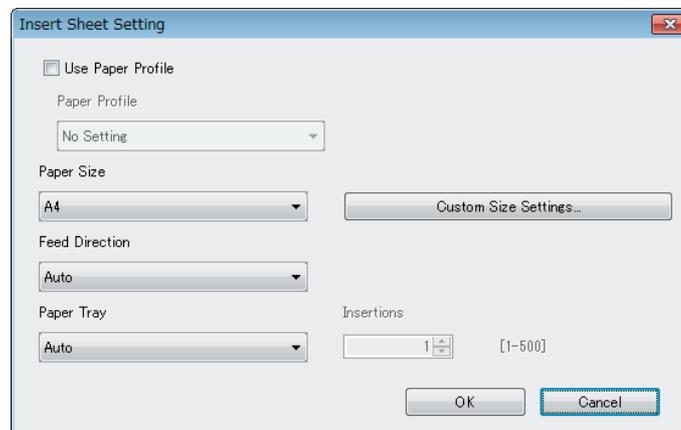
The selected page is highlighted.

- You can select and rotate the multiple pages.
- You can also operate by clicking [Page Operations] - [Rotate] button.

Insert Blank Page

This section describes how to insert the blank page.

- 1 Right click [Insert Paper/Index] - [Blank Page] icon and select [Copy].
[Insert Sheet Setting] screen appears.
- 2 Specify the following settings on [Insert Sheet Setting] screen and click [OK].



Item	Description
[Use Paper Profile]	When you use the paper profile, check this check box and select the paper from [Paper Profile] list.
[Paper Size]	Select the paper size. To use Custom Size, register the paper size in [Custom Size Settings] and select the registered paper size from the [Paper Size] list. Refer to page 6-23 for more detailed information on how to register the paper size.
[Feed Direction]	Select the feed direction.
[Paper Tray]	Select the paper tray.
[Insertions]	Specify the number of insertions. This is available only if PI Tray is selected for Paper Tray.

- 3 Right click between destination pages of insert and select [Paste].
 - You can also operate by selecting the destination page of insert and using [Paste-Before] or [Paste-After] from the right click menu.
 - You can also operate by selecting the destination page of insert and clicking [Page Operations] - [Paste-Before] or [Paste-After] button.

Reference

You can also operate by dragging & dropping [Insert paper/Index] - [Blank Page] icon between destination pages.

- The shape of the mouse cursor becomes a cross when you drag [Blank Page] icon.
- When you move the cross shape cursor to the destination point, the pop-up string of [Insert] appears.

Insert Tab Paper

This section describes how to insert the tab paper.

- 1 Right click [Insert Paper/Index] - [Tab 1] or [Tab 2] icon and select [Copy].
- 2 Right click between destination pages of insert and select [Paste].
 - You can also operate by selecting the destination page of insert and using [Paste-Before] or [Paste-After] from the right click menu.
 - You can also operate by selecting the destination page of insert and clicking [Page Operations] - [Paste-Before] or [Paste-After] button.

Reference

You can also operate by dragging & dropping [Insert paper/Index] - [Tab 1] or [Tab 2] icon between destination pages.

- The shape of the mouse cursor becomes a cross when you drag [Tab 1] or [Tab 2] icon.
- When you move the cross shape cursor to the destination point, the pop-up string of [Insert] appears.

Insert Separator

This section describes how to insert the separator to 2-Sided printing job.

- 1 Right click [Insert Paper/Index] - [Separator] icon and select [Copy].
- 2 Right click between destination pages of insert and select [Paste].

The inserted Separator is displayed in yellow green line.

 - You can also operate by selecting the destination page of insert and using [Paste-Before] or [Paste-After] from the right click menu.
 - You can also operate by selecting the destination page of insert and clicking [Page Operations] - [Paste-Before] or [Paste-After] button.

Reference

You can also operate by dragging & dropping [Insert paper/Index] - [Separator] icon between destination pages.

- The shape of the mouse cursor becomes a cross when you drag [Separator] icon.
- When you move the cross shape cursor to the destination point, the pop-up string of [Insert] appears.

6.4 Job Operation in the Main Body (Main Body Hold/HDD)

This section describes how to operate the job in the hold queue and HDD of the main body using [JOB LIST] - [Main Body Hold/HDD] screen.

[Main Body Hold/HDD] screen

When you click [Main Body Hold/HDD] tab, [Main Body Hold/HDD] screen appears.



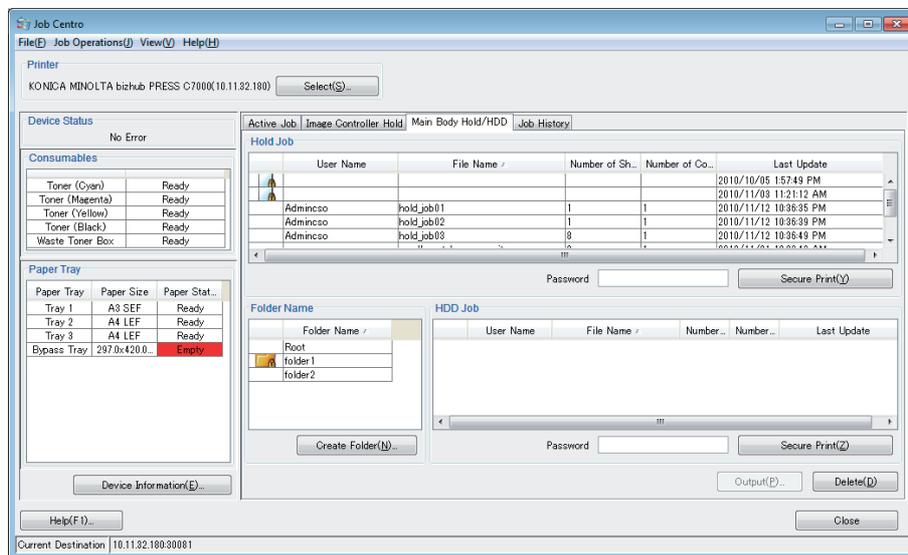
Reference

When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.

On the [Main Body Hold/HDD] screen - [Hold Job] list (upper list), the information about the job in the hold queue of the main body is displayed by the specified order.

On the [Main Body Hold/HDD] screen - [HDD Job] list (lower list), the information about the job in HDD of the main body is displayed by the specified order.

The information of 100 jobs that have later "Last Update" is displayed.



Item	Item	Description
[Hold Job]	[User Name]	Displays the output user name of the job in the hold queue of the main body.
	[File Name]	Displays the file name of the job in the hold queue of the main body.
	[Number of Sheets]	Displays the number of sheets per 1 copy of the job in the hold queue of the main body. The maximum number of sheets is "65535".
	[Number of Copies]	Displays the number of copies specified to the job in the hold queue of the main body. The maximum number of copies is "9999".
	[Last Update]	Displays the date/time when the job has been updated in the hold queue of the main body.
[Password]		Enter the password for the secure print job.
[Secure Print]/[Password Off]		Unlocks the secure print job in the hold queue of the main body or makes to return to the state before unlocking. When you enter to [Password] and click [Secure Print], the corresponding job becomes unlocked. After clicking [Secure Print], the button name switches to [Password Off]. When you click [Password Off], the state returns to the state before unlocking. After clicking [Password Off], the button name switches to [Secure Print].

Item	Item	Description
[Folder Name]		Displays the list of the folder name in HDD of the main body. On [Hold Job], the jobs in the selected folder from the list are displayed. The maximum display number of folders is 101.
[Create Folder]		Creates new folder in the HDD of the main body.
[HDD Job]	[User Name]	Displays the output user name of the job in HDD of the main body.
	[File Name]	Displays the file name of the job in HDD of the main body.
	[Number of Sheets]	Displays the number of sheets per 1 copy of the job in HDD of the main body. The maximum number of sheets is 65535.
	[Number of Copies]	Displays the number of copies specified to the job in HDD of the main body. The maximum number of copies is 9999.
	[Last Update]	Displays the date/time when the job has been updated in HDD of the main body.
[Password]		Enter the password for the secure print job.
[Secure Print]/[Password Off]		Unlocks the secure print job in HDD of the main body or makes to return to the state before unlocking. When you enter to [Password] and click [Secure Print], the corresponding job becomes unlocked. After clicking [Secure Print], the button name switches to [Password Off]. When you click [Password Off], the state returns to the state before unlocking. After clicking [Password Off], the button name switches to [Secure Print].
[Output]		Transmits the job selected from the list to the print queue of the main body or copies it to the hold queue/HDD of the main body.
[Delete]		Deletes the selected job from the list.



Reference

For the display settings of the list items, refer to page 5-8.

Sorting of list

The list items of [Main Body Hold/HDD] screen - [Hold Job] and the contents of list items on [HDD Job] can be sorted.

When you display [Main Body Hold/HDD] screen first after launching Job Centro, the list is displayed in ascending order of [File Name].

You can sort the list by clicking the list item name which becomes the key of sorting. When you click the item name, ▼ (descending order) or ▲ (ascending order) appears to the right of the item name and you can confirm the order. You can switch ▼ (descending order) and ▲ (ascending order) by clicking.

6.4.1 Print Job in the Hold Queue of the Main Body and Copy/Delete it to/from HDD of the Main Body

This section describes how to print the job in the hold queue of the main body and to copy/delete it to/from HDD of the main body.

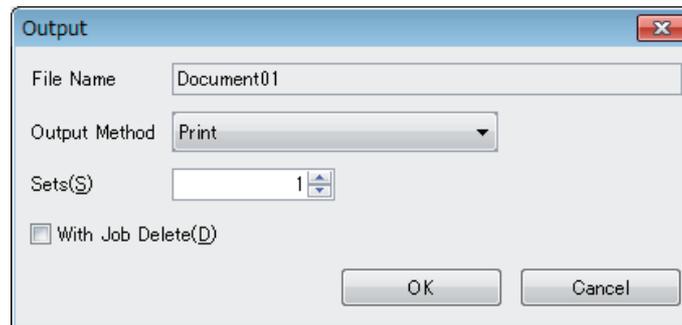
The following functions are used to print the job or copy/delete the job to/from HDD of the main body.

Function	Description
[Output] function	This function prints (reprints) the job in the hold queue of the main body or copies the job to HDD of the main body.
[Secure Print]/[Password Off] function	This function unlocks the secure print job in the hold queue of the main body or makes to return to the state before unlocking.
[Delete] function	This function deletes the job from the hold queue of the main body.

Reprint Job

This section describes how to print (reprint) the job in the hold queue of the main body using [Output] function.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
→ When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 Select the job to print from [Hold Job] list.
The selected job is highlighted.
→ You can not print when you select multiple jobs.
- 3 Click [Output].
[Output] screen appears.



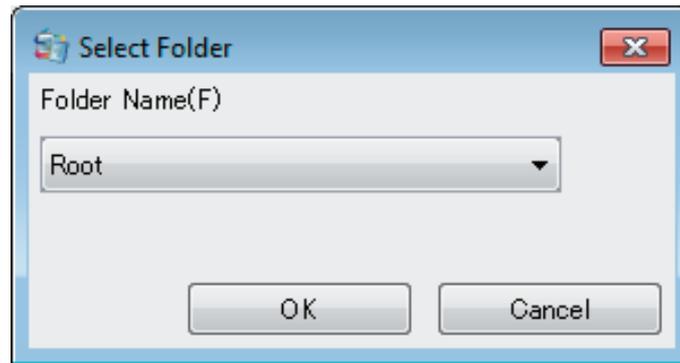
- You can also operate by using [Output] from the right click menu.
 - You can also operate by using [Job Operations] menu - [Output].
- 4 From [Output Method], select [Print].
 - 5 Specify the number of copies to print to [Sets].
→ The available number of copies is from "1" to "9999".
 - 6 To delete the printed job from the hold queue of the main body, check [With Job Delete].
 - 7 Click [OK].
The job is transmitted to the print queue of the main body and printed.

Copy Job to the HDD of the Main Body

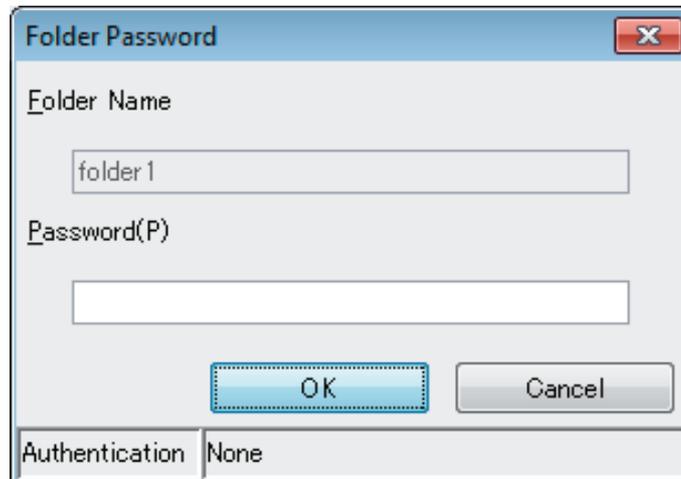
This section describes how to copy the job in the hold queue of the main body to HDD of the main body using [Output] function.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
→ When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 Select the job to copy from [Hold Job] list.
The selected job is highlighted.
→ You can not copy when you select multiple jobs.
- 3 Click [Output].
[Output] screen appears.
→ You can also operate by using [Output] from the right click menu.
→ You can also operate by using [Job Operations] menu - [Output].

- 4 From [Output Method], select [Main Body HDD] and click [OK].
[Select Folder] screen appears.



- 5 Select the copy destination folder and click [OK].
The job is copied to HDD of the main body.
 - When you click [Create Folder], you can create new folder as the copy destination. For detailed information on how to create the new folder, refer to page 6-44.
 - When the password is set to the folder, [Folder Password] screen appears. In this case, enter the password, and click [OK].



Delete Job

This section describes how to delete the job using [Delete] function from [Hold Job] list.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
 - When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 Select the job to delete from [Hold Job] list.
The selected job is highlighted.
 - You can delete the multiple jobs.
- 3 Click [Delete].
Confirmation screen appears.
 - You can also operate by using [Delete] from the right click menu.
 - You can also operate by using [Job Operations] menu - [Delete].
- 4 Click [OK].

The selected job is deleted.

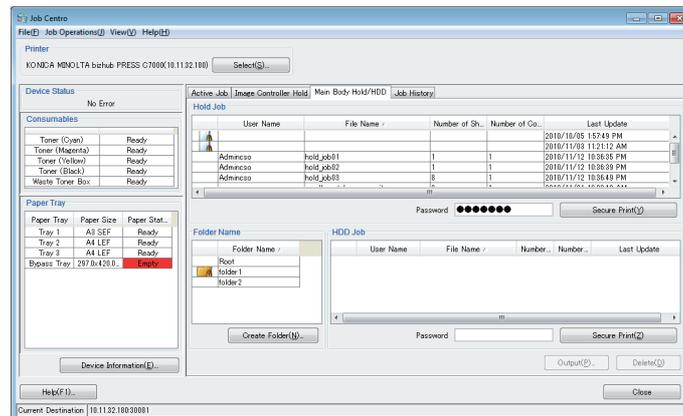
- When you select the multiple jobs, all of those are deleted at a time.
- It might take time to reflect the deleting result when the job takes time to be deleted.

Unlock the Secure Print Job

This section describes how to unlock the secure print job in [Hold Job] list.

If you unlock the secure print job, the job becomes the usual job in [Hold Job] list that you can operate.

- 1 Click [Main Body Hold/HDD] tab of the Job Centre Screen.
[Main Body Hold/HDD] screen appears.
→ When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 To [Hold Job] list - [Password], enter the password specified on settings of the secure print job.



- 3 Click [Hold Job] list - [Secure Print].

The corresponding job that matches to the password becomes unlocked.

- You can also operate by using [Job Operations] menu - [Secure Print] - [Hold].
- The lock icon of the corresponding job that matches to the password is removed and the contents of [User Name], [File Name], [Number of Sheets] and [Number of Copies] appear.
- The button name of [Secure Print] switches to [Password Off]. When you click [Password Off], the state returns to the state before unlocking.

6.4.2 Print Job in HDD of the Main Body and Copy/Delete it to/from the Hold Queue of the Main Body

This section describes how to print the job in HDD of the main body and to copy/delete it to/from the hold queue of the main body.

The following functions are used to print the job or copy/delete the job to/from the hold queue of the main body.

Function	Description
[Output] function	This function prints (reprints) the job in HDD of the main body or copies the job to the hold queue of the main body.
[Secure Print]/[Password Off] function	This function unlocks the secure print job in HDD of the main body or makes to return to the state before unlocking.
[Delete] function	This function deletes the job from HDD of the main body.

Reprint Job

This section describes how to print (reprint) the job in HDD of the main body using [Output] function.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
→ When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 From [Folder Name] list, select the folder where the job to print is saved.
On [HDD Job], the jobs in the selected folder from the list are displayed.
→ When the password is set to the folder, [Folder Password] screen appears. In this case, enter the password, and click [OK].

- 3 Select the job to print from [HDD Job] list.
The selected job is highlighted.
→ You can not print when you select multiple jobs.
- 4 Click [Output].
[Output] screen appears.

- You can also operate by using [Output] from the right click menu.
- You can also operate by using [Job Operations] menu - [Output].

- 5 From [Output Method], select [Print].
- 6 Specify the number of copies to print to [Sets].
→ The available number of copies is from "1" to "9999".
- 7 Click [OK].
The job is transmitted to the print queue of the main body and printed.

Copy Job to the Hold Queue of the Main Body

This section describes how to copy the job in HDD of the main body to the hold queue of the main body using [Output] function.

- 1** Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
 - When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2** From [Folder Name] list, select the folder where the job to copy is saved.
On [HDD Job], the jobs in the selected folder from the list are displayed.
 - When the password is set to the folder, [Folder Password] screen appears. In this case, enter the password, and click [OK].
- 3** Select the job to copy from [HDD Job] list.
The selected job is highlighted.
 - You can not copy when you select multiple jobs.
- 4** Click [Output].
[Output] screen appears.
 - You can also operate by using [Output] from the right click menu.
 - You can also operate by using [Job Operations] menu - [Output].
- 5** From [Output Method], select [Main Body Hold] and click [OK].
The job is copied to the hold queue of the main body.

Delete Job

This section describes how to delete the job using [Delete] function from [HDD Job] list.

- 1** Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
 - When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2** From [Folder Name] list, select the folder where the job to delete is saved.
On [HDD Job], the jobs in the selected folder from the list are displayed.
 - When the password is set to the folder, [Folder Password] screen appears. In this case, enter the password, and click [OK].
- 3** Select the job to delete from [HDD Job] list.
The selected job is highlighted.
 - You can delete the multiple jobs.
- 4** Click [Delete].
Confirmation screen appears.
 - You can also operate by using [Delete] from the right click menu.
 - You can also operate by using [Job Operations] menu - [Delete].
- 5** Click [OK].
The selected job is deleted.
 - When you select the multiple jobs, all of those are deleted at a time.
 - It might take time to reflect the deleting result when the job takes time to be deleted.

Unlock the Secure Print Job

This section describes how to unlock the secure print job in [HDD Job] list.

If you unlock the secure print job, the job becomes the usual job in [HDD Job] list that you can operate.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
 - When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 From [Folder Name] list, select the folder where the job to unlock is saved.
On [HDD Job], the jobs in the selected folder from the list are displayed.
 - When the password is set to the folder, [Folder Password] screen appears. In this case, enter the password, and click [OK].
- 3 To [HDD Job] list - [Password], enter the password specified on settings of the secure print job.
- 4 Click [HDD Job] list - [Secure Print].
The corresponding job that matches to the password becomes unlocked.
 - You can also operate by using [Job Operations] menu - [Secure Print] - [HDD].
 - The lock icon of the corresponding job that matches to the password is removed and the contents of [User Name], [File Name], [Number of Sheets] and [Number of Copies] appear.
 - The button name of [Secure Print] switches to [Password Off]. When you click [Password Off], the state returns to the state before unlocking.

6.4.3 Create/Delete Folder in/from HDD of the Main Body

This section describes how to create/delete the folder in/from HDD of the main body.

The following functions are used to create/delete the folder.

Function	Description
[Create Folder] function	This function creates new folder in the HDD of the main body.
[Delete] function	This function deletes the folder from HDD of the main body.

Create New Folder

This section describes how to create the new folder in HDD of the main body using [Create Folder] function.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.
[Main Body Hold/HDD] screen appears.
 - When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 Click [Create Folder].
[Create Folder] screen appears.

- You can also operate by using [Job Operations] menu - [Create Folder].

- 3 Specify the folder name to create to [Folder Name] within 64 one-byte alpha-numerical characters.
- 4 When you want to set the password to the folder, specify the password to [Password] within 8 one-byte alpha-numerical characters.
 - When you do not set the password, leave it blank.
- 5 Click [OK].

Delete Folder

This section describes how to delete the folder from HDD of the main body using [Delete] function.

- 1 Click [Main Body Hold/HDD] tab of the Job Centro Screen.

[Main Body Hold/HDD] screen appears.

 - When the user authentication/account track is set to the main body and you click [Main Body Hold/HDD] tab, [User Auth/Account Track] screen appears. In this case, [Main Body Hold/HDD] screen appears after authentication. For the authentication operations, refer to page 5-3.
- 2 From [Folder Name] list, select the folder to delete.
 - When the password is set to the folder, [Folder Password] screen appears. In this case, enter the password, and click [OK].
- 3 Click [Delete].

Confirmation screen appears.

 - You can also operate by using [Delete] from the right click menu.
 - You can also operate by using [Job Operations] menu - [Delete].
- 4 Click [OK].

The selected folder is deleted.

 - When there is job in the folder, you can not delete the folder.

6.5 Job Confirmation (Job History)

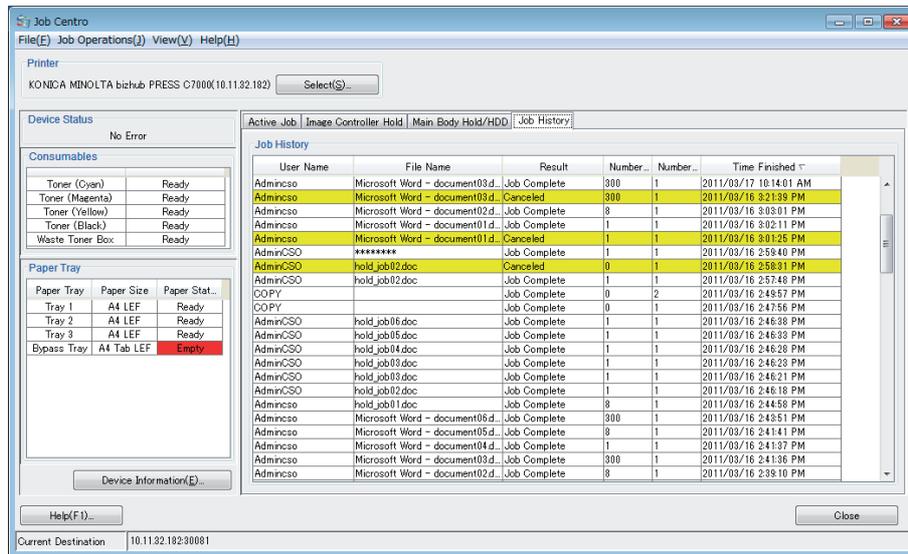
This section describes how to confirm the completed (printed) job using [JOB LIST] - [Job History] screen.

[Job History] screen

When you click [Job History] tab, [Job History] screen appears.

On the list of [Job History] screen, the information about the completed job is displayed by the specified order.

The information of 100 jobs that have later "Time Finished" is displayed.



Item	Description	
[Job History]	[User Name]	Displays the output user name of the completed job.
	[File Name]	Displays the file name of the completed job.
	[Result]	Displays the result of the completed job. For the result types, refer to page 6-47.
	[Number of Sheets]	Displays the number of sheets per 1 copy of the completed job. The maximum number of sheets is "65535".
	[Number of Copies]	Displays the number of copies specified to the completed job. The maximum number of copies is "9999".
	[Time Finished]	Displays the date/time when the job is completed.



Reference

For the display settings of the list items, refer to page 5-8.

Sorting of list

The contents of list items on [Job History] screen can be sorted.

When you display [Job History] screen first after launching Job Centro, the list is displayed in ascending order of [Time Finished].

You can sort the list by clicking the list item name which becomes the key of sorting. When you click the item name, ▼ (descending order) or ▲ (ascending order) appears to the right of the item name and you can confirm the order. You can switch ▼ (descending order) and ▲ (ascending order) by clicking.

Result

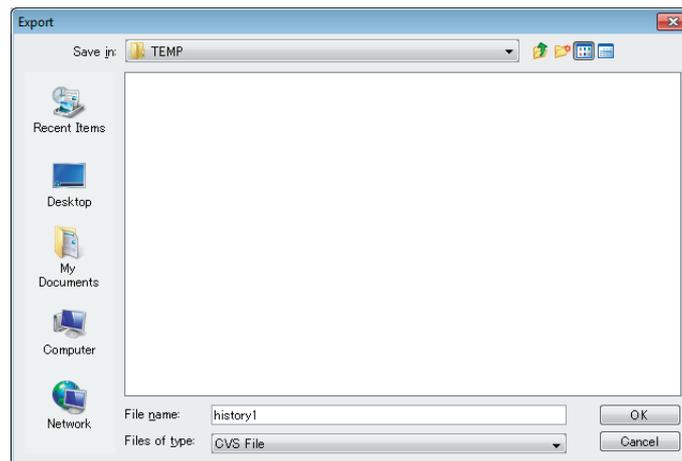
The types of the result are as follows.

Status	Description
Job Complete	The job is executed and normally completed.
Canceled	The job processing is closed because the user cancelled the job.
Fatal Error	The job processing is closed because the fatal error occurred.
Authentication Failed	The job processing is closed because the authentication failed and the error occurred.
Memory Full	The job is closed because the memory full error occurred.
Unknown Error	The job is closed because the unknown error (including the image controller error) occurred.

6.5.1 Export Job History

This section describes how to save (export) the job history as a file in CSV format.

- 1 Click [Job History] tab of the Job Centro Screen.
[Job History] screen appears.
- 2 Select [File] menu - [Export].
[Export] screen appears.



- 3 Specify the saving place and file name for the job history and click [OK].
[Export] screen closes and the screen that displays the progress of file saving process appears.
After completing of the file saving process, returns to [Job History] screen.
→ The job history is saved in the CSV file type.



How to Use Utilities

7 How to Use Utilities

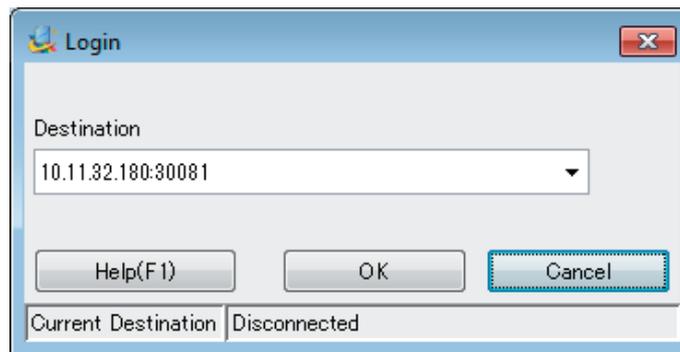
7.1 Launch Color Centro

Color Centro can be launched from Job Centro.

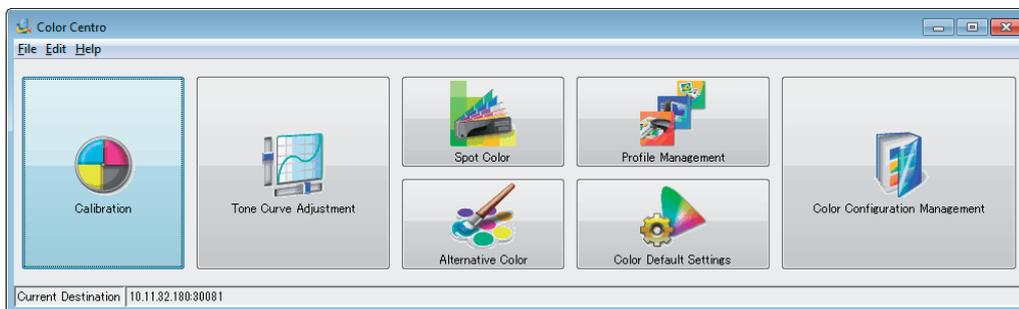
Using Color Centro, you can execute color management of the image controller.

For detailed information, refer to User's Guide of Color Centro.

- 1 Select [File] menu - [Start] - [Color Centro].
[Login] screen appears.



- 2 With the same operation as page 5-2, connect to the image controller.
[Launcher] screen appears.



- 3 Click the button corresponding to the purpose and execute color management of the image controller.

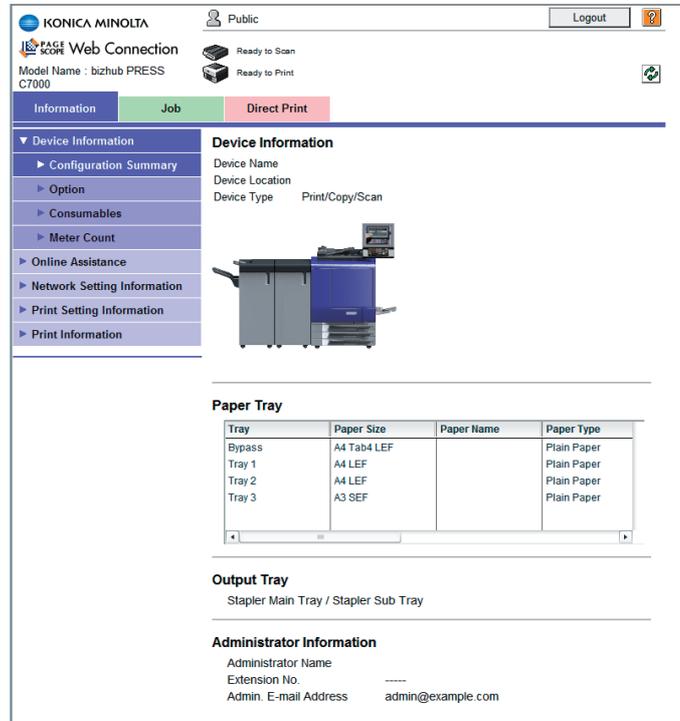
7.2 Launch PageScope Web Connection

PageScope Web Connection can be launched from Job Centro.

PageScope Web Connection is a device control utility provided by the HTTP server built in the image controller. Using a Web browser on a computer connected to the network, you can change machine settings and check the status of the machine. For detailed information, refer to [User's Guide - Printer (IC-601)].

- 1 Select [File] menu - [Start] - [Web Connection].

The PageScope Web Connection screen appears.



The screenshot displays the PageScope Web Connection interface for a Konica Minolta bizhub PRESS C7000. The interface includes a navigation menu on the left, a main content area with device information, paper tray status, and administrator information.

Device Information

- Device Name
- Device Location
- Device Type: Print/Copy/Scan

Paper Tray

Tray	Paper Size	Paper Name	Paper Type
Bypass	A4 Tab4 LEF		Plain Paper
Tray 1	A4 LEF		Plain Paper
Tray 2	A4 LEF		Plain Paper
Tray 3	A3 SEF		Plain Paper

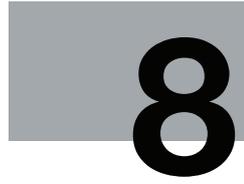
Output Tray

Stapler Main Tray / Stapler Sub Tray

Administrator Information

- Administrator Name
- Extension No. -----
- Admin. E-mail Address: admin@example.com

- The illustration and the device name on the screen may be different depending on the connected model.



Troubleshooting

8 Troubleshooting

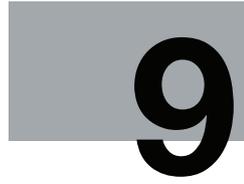
8.1 Cannot start Job Centro

This section describes how to solve issues and problems that you may encounter.

If you cannot start Job Centro, check the following items in order from beginning to end.

Problem	Possible Cause	Remedy
Cannot start	There is a possibility that the Microsoft .Net Framework 2.0 is not installed.	When the Microsoft .Net Framework 2.0 is not installed, install it.
[Windows Security Alert] appears.	Color Centro may be blocked by the firewall.	Allow the communication by Java application on your network.
Cannot connect to the network.	The network cable may be disconnected.	Check that the cable is correctly connected.
	An error may have occurred on this machine.	Check the control panel of this machine.
Cannot connect to the image controller.	IP address and the port number may be wrong.	Confirm the IP address and the port number of the JSP settings of the image controller.
	An error may have occurred on the image controller.	Check the control panel of this machine.
User Authentication failed.	When the user authentication is enabled, you may have entered an unregistered user name or password.	Enter the correct user name or password.
Cannot select [Public User] in user authentication.	Printing by public users may be prohibited on the machine.	Check with the administrator whether printing by public users is permitted.
Account track failed.	When the account track is enabled, you may have entered an unregistered account track code or password.	Enter the correct account track code and password.

When the above troubleshooting does not eliminate the problem, refer to the "User's Guide - POD Administrator's Reference".

A large, bold, black number '9' is centered within a gray square. The square is positioned to the left of the word 'Appendix'.

Appendix

9 Appendix

9.1 Glossary

Item	Description
10Base-T/ 100Base-TX/ 1000Base-T	A set of specifications under the Ethernet standards. Cables made of 2 stranded copper wire rods are used. Communication speed is 10Mbps with 10Base-T, 100Mbps with 100Base-TX, and 1000Mbps with 1000Base-T.
Adobe® Flash®	Software or its file format developed by Adobe Systems Inc. (formerly by Macromedia, Inc.), used to create a content by compiling vector-graphic animations and sounds. The software allows handling interactive contents using keyboard or mouse. The files can be kept relatively compact and accessed from a Web browser with dedicated plug-in software.
AppleTalk	The generic name for the protocol suite developed by Apple Computer for computer networking.
bit	The abbreviation for binary digit. The smallest unit of information (data quantity) handled by a computer or printer. A bit uses only a 0 or a 1 to indicate data.
BMP	The abbreviation for bitmap. This is a file format for saving image data. (The file extension is ".bmp".) Commonly used on Windows platforms. BMP covers the color depth from monochrome (2 values) to full color (16,777,216 colors). BMP images are not suitable for compressed storage.
Bonjour	A Macintosh network technology, automatically detecting a device connected to the network for automatic configuration. Previously called "Rendezvous", and has been changed to "Bonjour" since Mac OS X v10.4.
BOOTP	The abbreviation for Bootstrap Protocol. The protocol is used for a client computer on the TCP/IP network to load network configuration automatically from a server. Instead of BOOTP, DHCP, an advanced protocol based on BOOTP, is typically used today.
Brightness	Brightness of a display or other screen.
Byte	A byte indicates a unit of information (data quantity) handled by a computer or printer. A byte consists of eight bits.
client	A computer using services provided by servers via the network.
Default Gateway	A device, such as a computer or router, used as a "gateway" to access computers on different LANs.
DHCP	The acronym for Dynamic Host Configuration Protocol. The protocol is used for a client computer on the TCP/IP network to load network configuration automatically from a server. Just using a DHCP server to centrally manage IP addresses of the DHCP clients enables you to construct a network without IP address conflicts or other troubles.
DNS	Abbreviation of Domain Name Systems. DNS allows for obtaining the IP address corresponding to a host name in network environments. This system enables a user to access other computers on the network by specifying host names instead of elusive and non-intuitive IP addresses.
DPI (dpi)	Abbreviation of Dots Per Inch. Unit of resolution used with printers, scanners, etc. This indicates the number of dots used to represent an inch. The higher this value, the higher the resolution.
Driver	Software to act intermediately between the computer and peripheral devices.
Ethernet	Standard for the LAN transmission line.
Frame type	A type of communication format used in NetWare environments. For mutual communication, the same frame type is required.
FTP	Abbreviation of File Transfer Protocol. A protocol used to transfer files on the TCP/IP network such as Internet, Intranet, etc.

Item	Description
Gateway	Hardware or software serving as a point connecting networks. A gateway not only connects networks but also changes data formats, addresses, and protocols according to the connected networks.
Gray Scale	A form of presenting monochrome image by using the gradation information shifting from black to white.
Hard disk	Mass storage device to save data. The data is retained even after the power is turned off.
Host Name	Name of a device on the network.
HTTP	Abbreviation of HyperText Transfer Protocol. A protocol used to transmit or receive data between a web server and client (web browser, etc.). Files of image, voice, animation, etc. correlated with the document can be exchanged including the expression form and other information.
Install	To install hardware, operating systems, applications, printer drivers, or other software on to a computer.
IP Address	A code (address) to identify individual network devices on the Internet. IPv4 (Internet Protocol version 4), a protocol widely used today, adopts a 32-bit number for an IP address separated into four sections. An example of an IPv4 IP address is: 192.168.1.10. On the other hand, IPv6 (Internet Protocol version 6), the next generation protocol, adopts 128-bit IP addresses. An IP address is allocated to all computers and other devices connected to the Internet.
IPP	The acronym for Internet Printing Protocol. This is a protocol used to send or receive print data or control printers via the Internet or other TCP/IP network. IPP can also send and print data to printers in remote areas via the Internet.
IPX	One of the protocols used for NetWare. IPX runs in the network layer of the OSI reference model.
IPX/SPX	The abbreviation for Internetwork Packet Exchange/Sequenced Packet Exchange. This is a protocol developed by Novell, Inc., typically used in NetWare environments.
LAN	The acronym for Local Area Network. This is a network constructed by connecting computers on the same floor, in the same building, or in neighboring buildings.
Local printer	A printer connected to a parallel or USB port of a computer.
LPD	The acronym for Line Printer Daemon. This is a platform-independent printer protocol running on the TCP/IP network. The protocol was originally developed for BSD UNIX, and has become one of the printing protocols typically used among general computers.
LPR/LPD	The acronym for Line Printer Request/Line Printer Daemon. This is a printing method implemented via networks, used for Windows NT or UNIX based systems. It uses TCP/IP to output printing data from Windows or UNIX to a printer on the network.
MAC address	MAC is the acronym for Media Access Control. A MAC address is an ID number unique to each Ethernet card, enabling sending or receiving data to or from other Ethernet cards. A Mac address is a 48-bit number. The first 24 bits are controlled by IEEE and used to allocate a unique number to each manufacture, whereas the latter 24 bits are used by each manufacturer to assign a unique number to each card.
Memory	Unit to save data temporarily. Some types of memory retain data even after the power is turned off, while others not.
NDPS	The acronym for Novell Distributed Print Services. This provides a high performance printing solution in NDS environments. Using NDPS for the print server simplifies and automates complicated management activities related to printer use. For example, you can print to a desired printer or automatically download the printer driver for a newly installed printer. NDPS print servers also integrate management related to the network printers.
NDS	The acronym for Novell Directory Services. This allows the centralized management in a hierarchical structure of shared resources such as servers, printers and users information on the network, as well as the access privilege and other information related to the users.

Item	Description
NetBEUI	The abbreviation for NetBIOS Extended User Interface. This is a network protocol developed by IBM. NetBEUI enables you to construct a small-scale network simply by configuring computer names.
NetBIOS	Abbreviation of Network Basic Input Output System. This is a communication interface developed by IBM.
NetWare	A network operating system developed by Novell. This uses NetWare IPX/SPX for the communication protocol.
Nprinter/ Rprinter	A remote printer support module used when using a printer server in NetWare environments. Rprinter is used for NetWare 3.x, and Nprinter for NetWare 4.x.
OHP/OHT	A transparent sheet used for OHP (Overhead projector). This is used for presentations.
OS	Abbreviation of Operating System. Basic software to control the computer system. Windows, MacOS, and Unix are examples.
Outline font	A type of fonts represented using lines and curves to display an outline of a character. Larger-size characters can be displayed on a screen or printed with no jagged edges.
PDF	Abbreviation of Portable Document Format. One of electronic documents (extension: .pdf). PDF is a PostScript based format, and can be viewed using Adobe Acrobat Reader, a free viewer software.
PDL	The acronym for Page Description Language. This is a language used to instruct a page printer about images being printed on each page.
Peer-to-peer	A type of network where the connected devices can be communicate with each other without using a dedicated server.
Plug and play	A mechanism used to immediately detect a peripheral device when it is plugged into a computer, and search for an appropriate driver automatically, so that the device becomes operable.
PostScript	Representative page description language generally used for printing requiring specifically high quality, developed by US Adobe.
PPD	The acronym for PostScript Printer Description. This is a file with the description of resolution, available paper sizes, and other information specific to a PostScript printer model.
Preview	A function allowing you to view a result image before being actually processed for printing or scanning.
Print job	A print request transmitted from a computer to a printing device.
Print queue	A software system used by a spooler to save generated print jobs.
Printer buffer	A memory area temporarily used for processing data of print jobs.
Printer driver	Software acting as an intermediate between the computer and printer.
Property	Attribute information. When using a printer driver, different functions can be configured by utilizing its properties. By using properties of a file, you can check the attribute information about the file.
Protocol	Rules by which a computer communicates with other computer or peripheral device.
Proxy server	A server that is installed to act as an intermediary connection between each client and different servers to effectively ensure security over the entire system for Internet connections.
PServer	A print server module available in NetWare environments. This module monitors, changes, pauses, restarts, or cancels print jobs.
Queue name	A logical printer name required for LPD/LPR printing.
Queue Name	A name assigned to each device for allowing printing to the device via network.
Resolution	Degree how correctly the details of images or prints can be reproduced.
RGB	The acronym for Red, Green, and Blue. The RGB are the primary three colors used for monitor and other devices, producing any of the full colors by changing their brightness ratio.

Item	Description
RIP	The acronym for Raster Image Processor. RIP extracts picture images from text data created using PostScript or other page description language. This processor is usually integrated into a printer.
Samba	UNIX server software which uses SMB (Server Message Block) to make UNIX system resources available to Windows environments.
Screen font	A type of fonts used for displaying characters and symbols on a CRT or other monitor.
Shared printer	A printer connected to a server on the network and configured to be used by multiple computers.
SLP	The acronym for Service Location Protocol. This is a protocol that provides capabilities such as finding services or automatic client configuration on the TCP/IP network.
SMB	Abbreviation of Server Message Block. A protocol used mainly to realize sharing of files or printers through the network between Windows.
SMTP	Abbreviation of Simple Mail Transfer Protocol. A protocol to transmit or transfer the electronic mails.
SNMP	The acronym for Simple Network Management Protocol. This is a management protocol in the TCP/IP network environments.
Spool	The acronym for Simultaneous Peripheral Operation On-Line. Data to be output to a printer is not sent directly to the printer, but is temporarily stored in another location. The stored data is then sent collectively to the printer.
Subnet mask	A value used to divide a TCP/IP network into small networks (subnetworks). This is used to identify how many higher-order bits of an IP address are used for the network address.
TCP/IP	Abbreviation of Transmission Control Protocol/Internet Protocol. It is a de facto standard protocol widely used for the Internet. An IP address is used to identify each network device.
TrueType	A type of outline font developed by Apple and Microsoft, and currently used as a standard font type for Macintosh and Windows. This type of font can be used both for display and printing.
Uninstall	To delete software installed on a computer
USB	The acronym for Universal Serial Bus. This is a general-purpose interface defined for connecting a mouse, printer, and other devices with a computer.
Web browser	Software to access web pages. Typical Web browsers include Internet Explorer and Netscape Navigator.
WINS	The acronym for Windows Internet Naming Service. This is a service, available in Windows environments, to call the name server responsible for conversion between a computer name and an IP address.
XPS	Abbreviation of XML Paper Specification. This is one of the electronic document formats developed by Microsoft Corporation. It is first supported in Windows Vista.

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