

OKI Color Printer

OKI

Advanced Manual



About This Manual

This manual describes how to print from mobile terminals and how to use the OKI color printer in various ways.

It also describes advanced features such as security settings and color adjustment. Please read this manual carefully to achieve the maximum performance of the product in various conditions.

This manual uses as an example Windows 7 for Windows, Mac OS X 10.9 for Mac OS X and C542 for the device.

This manual uses C542 as an example to illustrate buttons and icons on the operator panel, driver screens, and the method of inputting characters and operating the device.

Depending on your OS, the actual display of the product may differ from the descriptions in this manual. In addition, depending on the model you are using, some functions described in this manual may not be available.





Depending on the device you are using, buttons or the like on the operator panel and the actual operations may differ from the descriptions in this manual. Please read the user's manual for the specific model that comes with your device.

About Descriptions

This section describes the marks, symbols, abbreviations and illustrations used in this manual.

About Marks

This manual uses the following marks.

Mark	Meaning
	Indicates cautions and restrictions for the correct operation of the device. Be sure to read them to avoid misoperation.
	Indicates useful tips and references on how to use the device. We recommend you read them.
	Indicates reference items. Please read them to learn the detailed information.
	Indicates related items. Please read them to learn the relevant information.

About Symbols

This section describes the symbols used in this manual and their meanings.

Symbol	Meaning
Illustration (button name)	Indicates button shapes (button names) on the operator panel of the device.
[]	Indicates menu names, item names, options, etc. displayed on the screen of the operator panel. Indicates menus, windows and dialog box names displayed on the computer screen. They can be clearly distinguished in the description and procedure illustration.
" "	Indicates messages and input texts on the displayed screen. Indicates file names on the computer. Indicates item titles of link destinations.
< >	Indicates keys on the computer keyboard.
>	Indicates the transition of device or computer menus.

About Illustrations

The illustrations used in this manual are based on C542.

The displayed screens on the operator panel used in this manual are based on the default settings.

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1

Basic Operations

How to Customize the Touch Panel

Adjusting Brightness of the Touch Panel

Setting Output Destination

Adjusting Volume

Checking the Information of the Machine

Easy Setup

JOB MACRO

This section describes basic operations of this machine.

How to Customize the Touch Panel

You can customize home icons and shortcut buttons on the home screen and the top screen of each function to fit your needs.

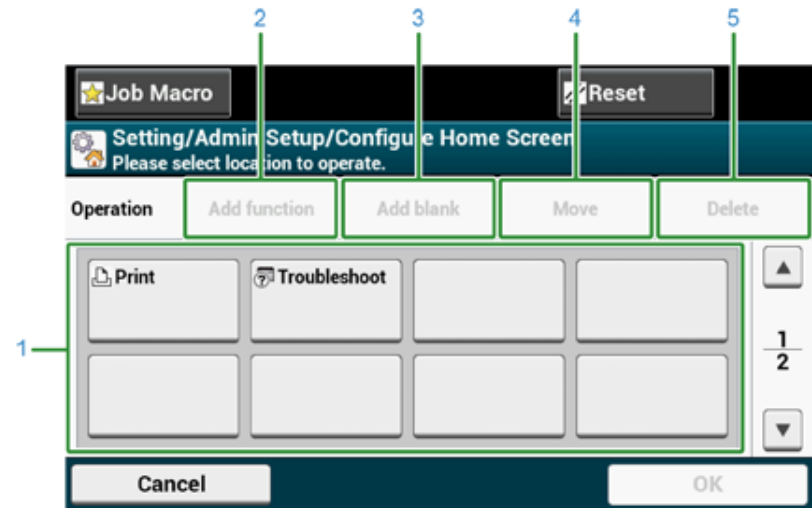
- Setting a Home Icon on the Home Screen
- Functions That Can be Set to a Home Icon on the Home Screen
- Setting a Shortcut Button of Each Function

Setting a Home Icon on the Home Screen



You can register 16 icons.

- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press [Configure Home Screen].
- 5 Press the button whose setting you want to change.
The shortcut button setting screen is displayed.
- 6 Operate the touch panel according to the changes you want to make.



	Item	Description
1	Layout preview area	Displays the locations of the shortcut buttons.
2	Add function	Inserts a function into the layout preview area.
3	Add blank	Inserts an empty button into the layout preview area.

	Item	Description
4	Move	Moves the selected button to a specified location.
5	Delete	Deletes the function that is registered to the selected button.

7 Press [OK].

Functions That Can be Set to a Home Icon on the Home Screen


You can register the following functions.

- **Print***
- **Shared Print**
- **Private Print**
- **Print From USB Memory**
- **Google Cloud Print**
- **Job Macro**
- **Troubleshooting***

* indicates the factory default setting.

Setting a Shortcut Button of Each Function

The number of shortcut buttons that can be set varies depending on the function.

- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press the button whose setting you want to change.
- 5 Select a function to register.

Each shortcut button registered cannot be deleted. It can be replaced by a different shortcut button.
- 6 Press [OK].

Adjusting Brightness of the Touch Panel

To change the brightness of the touch panel on the operator panel, perform the procedure below.

You can adjust the brightness of screen during operation and in the Power Save mode respectively.

- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times, and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press ▲ or ▼ several times, and press [Management].
- 5 Press [System Setup].
- 6 Press ▲ or ▼ several times, and press [Panel Brightness During Operating] or [Panel Brightness While Power Save].
- 7 Enter value and press [OK].
Available values are from 1 to 7. The bigger the number is, the brighter the screen gets.

Setting Output Destination

The machine outputs paper to the output tray or rear output tray.



Do not open or close the rear output tray during printing. Paper jams may result.

- Output Tray
- Rear Output Tray

Output Tray

Use this output tray when printing on plain paper. Paper is output with the printed side down.

It is not available for envelopes, labels, or long paper.

Check that the rear output tray on the rear side of the machine is closed. If the rear output tray is open, paper is always output to the rear output tray.



Open the paper support so that outputs do not slip down from the output tray.

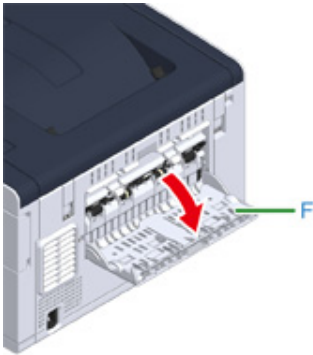


Rear Output Tray

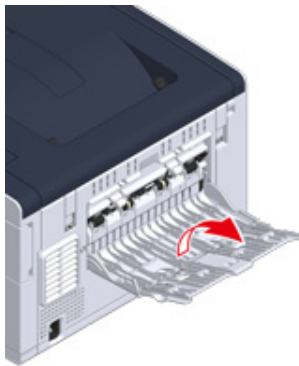
Use the rear output tray when printing on envelopes, labels, or long paper.

Paper is output with the printed side up. Plain paper is also available for this output tray.

- 1 Open the rear output tray (F) on the rear side of the machine.



- 2 Unfold the paper support.



- 3 Draw the sub support.

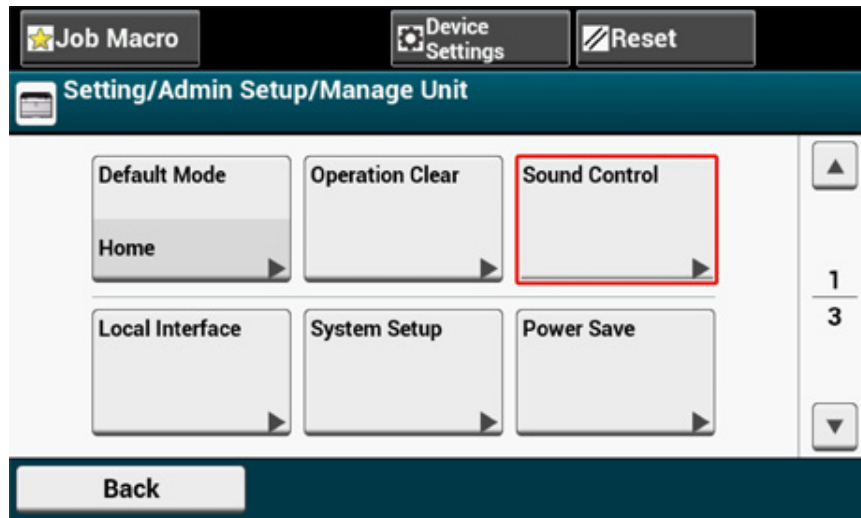


Adjusting Volume

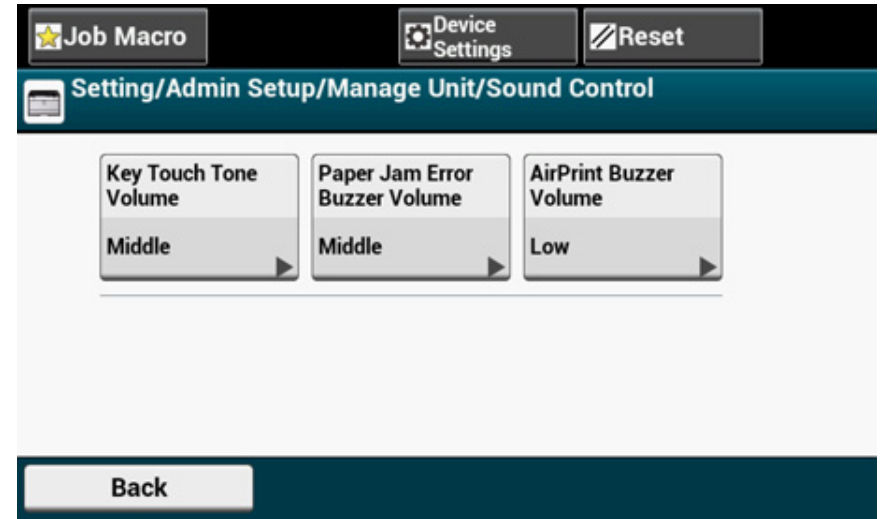
The volume of the sounds which are emitted in the following conditions can be adjusted in four levels.

- When a button or key on the operator panel is pressed
- When a paper jam occurs
- AirPrint Buzzer Volume

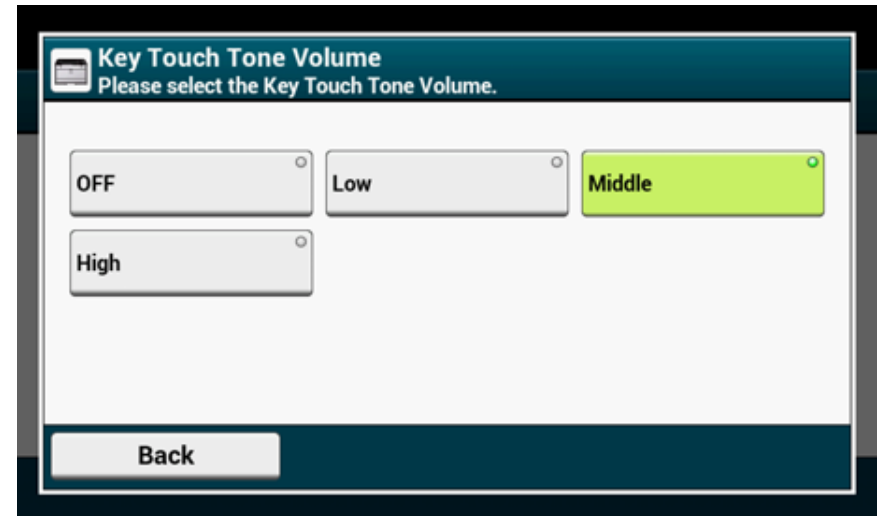
- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press [Management].
- 5 Press [Sound Control].



- 6 Press an item you want to adjust.



- 7 Select a volume level.



Checking the Information of the Machine

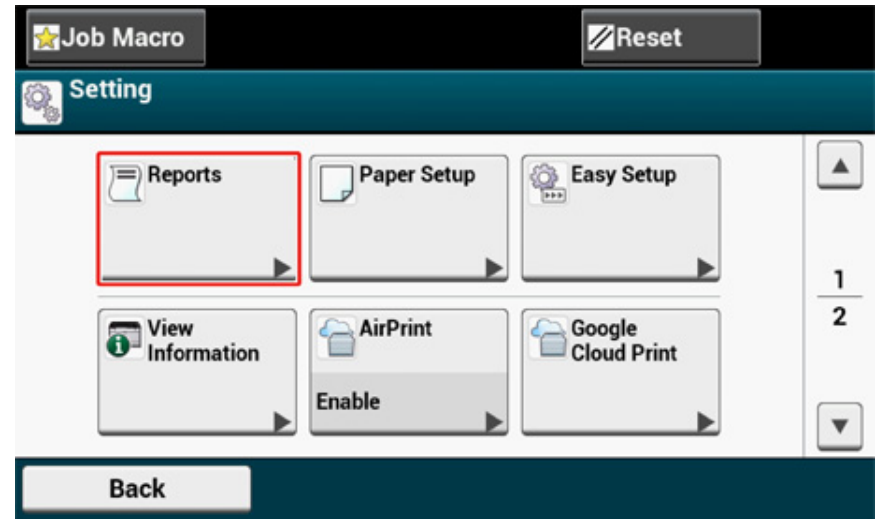
Print the machine information and check the status. Press the status button on the operator panel to check the information such as remaining level of consumables.

- Printing a Report to Check
- Checking the Status on the Operator Panel

Printing a Report to Check

You can print and check the configuration or the job logs of this machine.

- 1 Press [Device Settings] on the touch panel.
- 2 Press [Reports].



- 3 Select the category of a report to print.
- 4 Select a report to print.
If the administrator login screen is displayed, enter administrator name and password. The factory default administrator name and password are "admin" and "999999" respectively.
- 5 Press [Yes] on a confirmation screen.





If [Admin Setup] > [Management] > [System Setup] > [Allow All Reports To Print] on the touch panel is set to [Disable], log in as the administrator to print the report.

Item	Description
Configuration	Prints detailed settings of this machine.

	Item	Description
System	File List	Prints a list of job files.
	Demo Page	Prints a demo page.
	Error Log	Prints an error log.
	Usage Report	Prints the total of the job logs.
	Network Information	Prints general information on the network.
	Supplies Report	Prints the information about consumables.
Print	PCL Font List	Prints a list of PCL font samples.
	PSE Font List	Prints a list of PSE font samples.
	PPR Font List	Prints a list of IBMPPR font samples.
	FX Font List	Prints a list of EPSON FX font samples.
	Color Tuning Pattern	Prints a color tuning pattern.
	Color Profile List	Prints a color profile list.

Checking the Status on the Operator Panel

You can check the residual life of consumables, the counter information, and the job list from the  (STATUS) button.

- 1 Press the  (STATUS) button.
- 2 Press [Device Information].
- 3 Select an item.
- 4 Press [Back].

Easy Setup

In [Easy Setup], you can change the settings of date/time, network by using [Device Settings] on the touch panel.

- 1 Press [Device Settings] on the touch panel.
- 2 Press [Easy Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Follow the on screen instructions.



• Language Setting

Item	Description
Language Setting	Sets the language that is displayed on the operator panel.

• Date/Time Setting

Item	Description			
Time Zone	Sets the GMT time zone.			
Daylight Saving	Sets daylight saving to ON or OFF.			
Server	<table border="1"> <tr> <td>SNT P Server (Primary)</td> <td rowspan="2">Sets the SNTP server to use for setting the current date and time. You can enter up to 64 characters.</td> </tr> <tr> <td>SNT P Server (Secondary)</td> </tr> </table>	SNT P Server (Primary)	Sets the SNTP server to use for setting the current date and time. You can enter up to 64 characters.	SNT P Server (Secondary)
SNT P Server (Primary)	Sets the SNTP server to use for setting the current date and time. You can enter up to 64 characters.			
SNT P Server (Secondary)				
Manual	<table border="1"> <tr> <td>Date</td> <td rowspan="2">Sets the current date and time manually.</td> </tr> <tr> <td>Time</td> </tr> </table>	Date	Sets the current date and time manually.	Time
Date	Sets the current date and time manually.			
Time				

• Admin Password

Item	Description
New Password Enter Password (Verify)	Changes the administrator password. 6 to 12 characters can be used.

• Network Setting

Item	Description
Enabling Default Gateway	Sets a wired LAN or wireless LAN.

Item		Description		
Wireless Setting (If wireless LAN module fitted)	Automatic Setup (WPS)	WPS-PBC	WPS-PBC is executed.	
		WPS-PIN	WPS-PIN is executed.	
	Wireless Network Selection	A list of access point name found in the search		Displays a list of wireless LAN access points' names that are found in a search.
		Manual Setup	SSID	Enter an SSID.
			Security	Selects the security of the wireless LAN function. "WPA-EAP" and "WPA2-EAP" can be set only in Web.
			WEP Key	Enter WEP Key. Displays if [WEP] is selected for [Security].
			WPA Encryption Type	Select a WPA/WPA2-PSK or WPA2-PSK encryption type. Displays if [WPA/WPA2-PSK] or [WPA2-PSK] is selected for [Security].
	WPA Pre-shared Key	Enter the Pre-shared Key. Displays if [WPA/WPA2-PSK] or [WPA2-PSK] is selected for [Security].		
	Wireless reconnection		Wireless reconnection is executed.	
	Obtaining IP address		Sets to obtain the IP address automatically or manually.	
IP Address		Sets the IP address. You can enter up to 15 characters.		
Subnet Mask		Sets the subnet mask. You can enter up to 15 characters.		
Default Gateway		Sets the gateway address. You can enter up to 15 characters.		
DNS Server (Primary)		Sets the IP address for a Primary DNS server. You can enter up to 15 characters.		
DNS Server (Secondary)		Sets the IP address for a Secondary DNS server. You can enter up to 15 characters.		
WINS Server (Primary)		Sets the name or the IP address for the WINS server. You can enter up to 15 characters.		
WINS Server (Secondary)		Sets the name or the IP address for the WINS server. You can enter up to 15 characters.		

• Test Print

Item	Description
Test Print	Performing test printing allows you to check if the consumables and paper are properly set.

JOB MACRO

You can register macros for frequently used settings in the machine and create shortcuts. This "Job Macro" allows you to perform operations more simply and quickly.

You can create a macro for settings on the following function.

Printing from USB Memory



If the user authentication is enabled, log in to the machine before creating a macro.



You can register up to 16 macros.

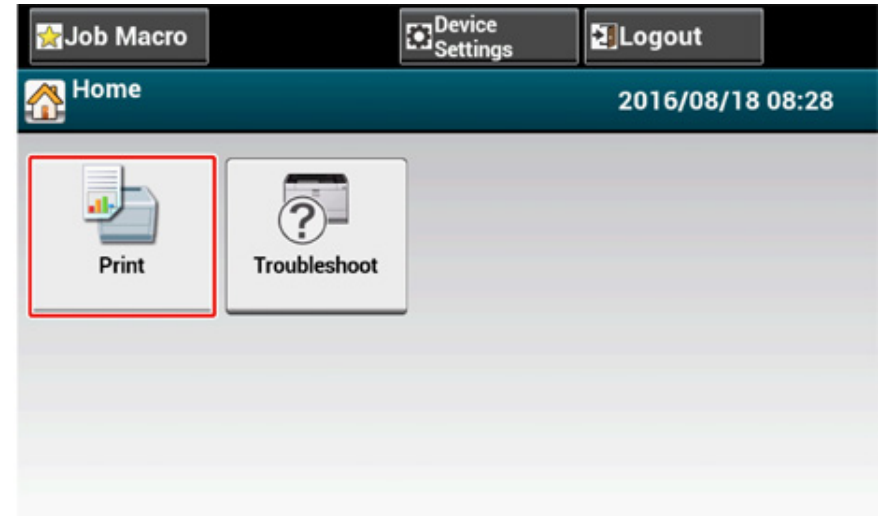
-
- Registering a Frequently-used Setting as a Macro
 - Using a Registered Macro
 - Editing a Macro Title
 - Checking the Macro Content
 - Deleting a Registered Macro
-

Registering a Frequently-used Setting as a Macro

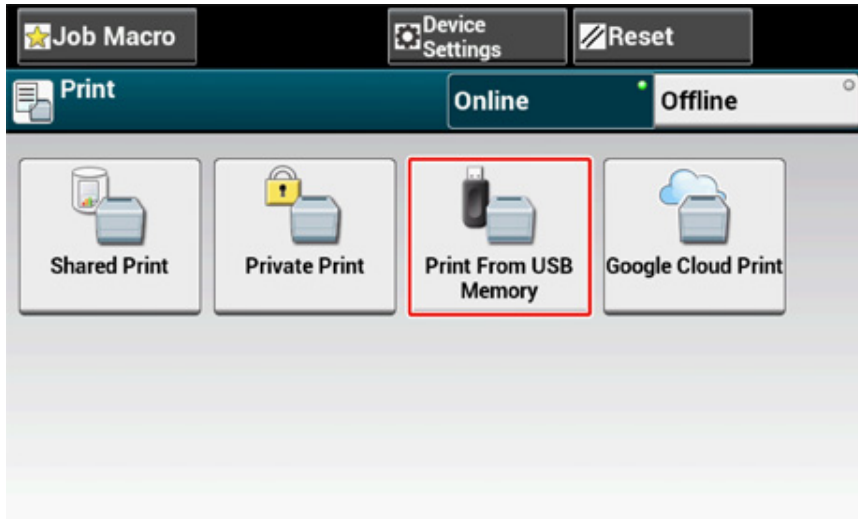
You can register the saved printing procedure in USB Memory as a Job Macro.

- **Registering Newly**

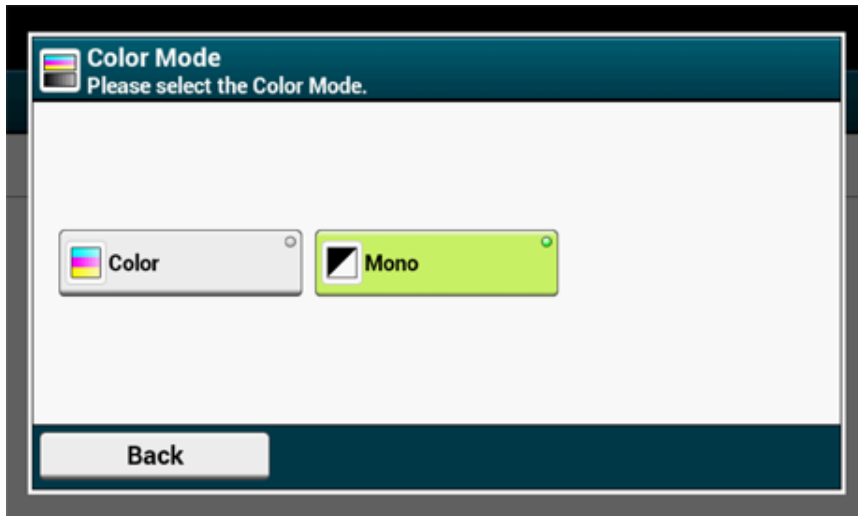
- 1 Press [Print] on the touch panel.



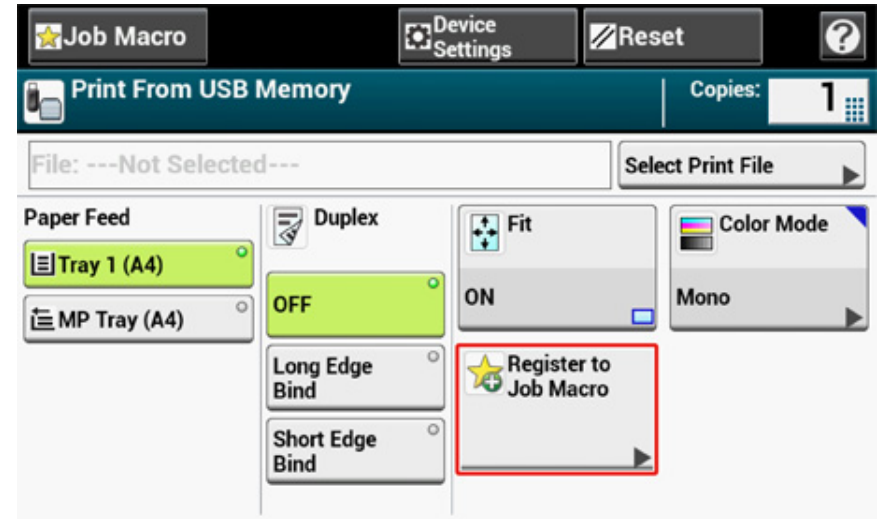
2 Press [Print From USB Memory] on the Print screen.



3 Change a setting value to register.



4 Press [Register to Job Macro] on the touch panel.



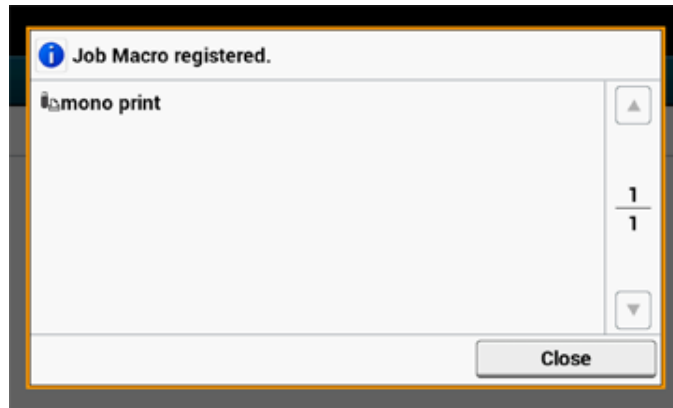
5 Check the setting, and then press [Yes].



6 Enter a new macro name.

Entering Characters (User's Manual)

- 7** Press [OK].
A confirmation screen is displayed.




Using a Registered Macro

You can use a macro by reading out it.

- 1** Press [Job Macro] on the touch panel.
- 2** Select a macro to use, and then press [Apply].
If the access control is enabled on the functions you want to use, a message is displayed to inform you that you are not permitted to use them, and the screen returns to the JOB MACRO menu.
- 3** Perform a job.

Editing a Macro Title

You can edit a macro title.

- 1 Press [Job Macro].
- 2 Press [Edit].
- 3 Select a macro, and then press [Title Edit].
- 4 Enter a new title.
 [Entering Characters \(User's Manual\)](#)
- 5 Press [OK].

Checking the Macro Content

- 1 Press [Job Macro].
- 2 Select a macro, and then press [Description].
- 3 Check the content, and then press [Back].
If you press [Apply] instead of [Back], the macro is applied.

Deleting a Registered Macro

You can delete a macro.

- 1 Press [Job Macro].
- 2 Press [Edit].
- 3 Select a macro, and then press [Delete].
A confirmation screen is displayed.
- 4 Press [Yes].

2

Print

Printing on Various Types of Paper

Printing with Various Settings from a Computer

Saving Paper, Saving Toner

Adjusting Color on the Computer

For a Better Finish

Useful Functions

Printing Confidential Document

Printing on Various Types of Paper

This section describes how to print on various type of paper.

- Printing on Envelopes
- Printing on Labels
- Printing on Long Paper
- Printing on Custom Size Paper

Printing on Envelopes

- Attaching the Envelope Lever
- Loading Envelopes
 - For Windows PCL Printer Driver
 - For Windows PS Printer Driver
 - For Mac OS X

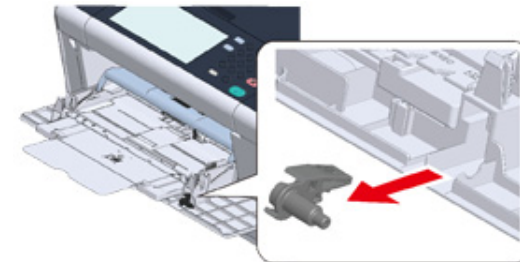


- Curling or creasing may occur after printing. Be sure to perform a test print to check that no problems exist.
- Load envelopes with the address side up in the direction as described below.
 - If you are using envelopes with the flap (for gluing) on the long edge (Monarch, Com-9, Com-10, DL, C5), load them with the flap folded so that the flap is on the left side when fed.
- Duplex printing is not available for envelopes.

Attaching the Envelope Lever

If a printed envelope is wrinkled, attach the envelope lever to the fuser unit.

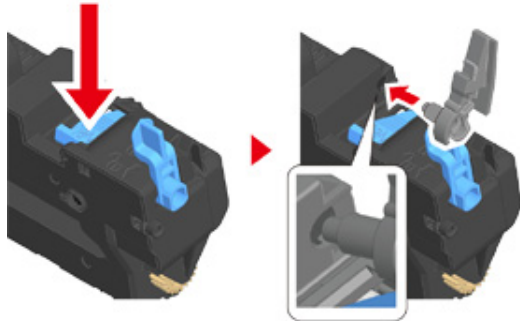
- 1 Remove the envelope lever from the MP tray.



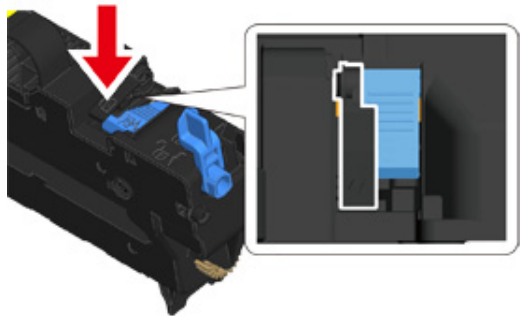
- 2 Remove the fusing unit from the machine.
For details, see "Replacing the Fuser Unit".

3 Attach the envelope lever to the fuser unit.

Press the jam release lever, and then insert the envelope lever in to the nearby hole.



Push the lever to lock.



4 Replace the fuser unit to the machine.

For details, see "Replacing the Fuser Unit".

When all the envelopes are printed, remove the envelope lever from the fuser unit by a reverse procedure, and then attach to the MP tray.

Loading Envelopes

When printing on envelopes, change the paper size setting, and use the MP tray and rear output tray.

- 1 Load envelopes until their edges touch the paper feed entrance with the print side up.



Com-9, Com-10, DL, C5, Monarch

- 2 Open the rear output tray.
- 3 Press [Device Settings] on the touch panel.
- 4 Press [Paper Setup].
- 5 Press [MP Tray].
- 6 Press [Paper Size].
- 7 Press the size of envelopes you use.
- 8 Press [Back] until the home screen is displayed.

Available envelope types.

-  [Loading Paper \(User's Manual\)](#)

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [Envelope*] from [Size] on the [Setup] tab.
* Select an envelope type.
- 5 Select [Multi Purpose Tray] from [Source].
- 6 Select [Landscape] from [Orientation].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Page Setup] from the [File] menu.
- 3 Select the envelope size from [Size], [Portrait] or [Landscape] from [Orientation], and then click [OK].
- 4 Select [Print] from the [File] menu.
- 5 Click [Preferences].
- 6 Select [Multi-Purpose Tray] from [Paper Source] on the [Paper/Quality] tab.
- 7 Click [OK].
- 8 Change other settings if necessary, and then click [Print].

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select the envelope size from [Paper Size] and select the orientation from [Orientation].



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

- 4 Select [Multi-Purpose Tray] for [All Pages From] on the [Paper Feed] panel.
- 5 Change other settings if necessary, and then click [Print].

Printing on Labels

- Loading Labels
- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

Set a paper size and paper type for the MP tray from the touch panel. Then, set a paper size, paper tray, and other printing settings with a printer driver.



Duplex printing is not available for labels.

Loading Labels

When printing on labels, change the paper type and paper size setting, and use the MP tray and rear output tray.

- 1 Load labels in the MP tray.
- 2 Open the rear output tray.
- 3 Press [Device Settings] on the touch panel.
- 4 Press [Paper Setup].
- 5 Press [MP Tray].
- 6 Press [Paper Size].
- 7 Press [A4] or [Letter].
- 8 Press [Media Type].
- 9 Press [Labels].
- 10 Press [Back] until the home screen is displayed.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [A4 210x297mm] or [Letter 8.5x11in] from [Size] on the [Setup] tab.
- 5 Select [Multi Purpose Tray] from [Source].
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Page Setup] from the [File] menu.
- 3 Select [A4] or [Letter] from [Size], [Portrait] or [Landscape] from [Orientation], and then click [OK].
- 4 Select [Print] from the [File] menu.
- 5 Click [Preferences].
- 6 Select [Multi-Purpose Tray] from [Paper Source] on the [Paper/Quality] tab.
- 7 Click [OK].
- 8 Change other settings if necessary, and then click [Print].

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.

- 3 Select [Letter] or [A4] from [Paper Size] and select the orientation from [Orientation].



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

- 4 Select [Multi-Purpose Tray] for [All Pages From] on the [Paper Feed] panel.
- 5 Change other settings if necessary, and then click [Print].

Printing on Long Paper

- Loading Long Paper
- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

Set a paper size for the MP tray on the touch panel. Then, register a paper size with a printer driver.



- Register the paper size so that the length is longer than the width. You cannot set the length that is shorter than the width.
- This function may not be available for some applications.
- If the paper length exceeds 356 mm, the print quality may not be guaranteed even if the paper is used under the recommended conditions.

Loading Long Paper

When printing on long paper, change the paper type setting, and use the MP tray and rear output tray.

- 1 Load paper in the MP tray.
- 2 Open the rear output tray.
- 3 Press [Device Settings] on the touch panel.
- 4 Press [Paper Setup].
- 5 Press [MP Tray].
- 6 Press [Paper Size].
- 7 Select [Custom].
- 8 Press [Custom] to set a paper size within the following range, and then click [OK].
 - Width: 64 to 216 mm
 - Length: 90 to 1321 mm

- 9 Press [Back] until the home screen is displayed.

Available long paper

-  [Loading Paper \(User's Manual\)](#)

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [User Defined Size] from [Size] on the [Setup] tab.



You can select the paper size from [Banner *** x *** mm] if the paper size is set to 210.0 x 900.0 mm, 215.0 x 900.0 mm, or 215.0 x 1200.0 mm.

- 5 Change other settings if necessary, and then click [OK].
- 6 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the [OKI C542] icon, and then select [Printing Preferences] > [OKI C542 PS].
- 3 Click [Advanced] on the [Layout] tab.
- 4 Click [Paper Size], select [PostScript Custom Page Size] from the drop-down list, and then enter values in [Width] and [Height].
- 5 Press [OK] until the print setting dialog box is closed.
- 6 Open a file to print from a computer.
- 7 Change other settings if necessary, and then click [OK].

- 8 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Manage Custom Sizes] from [Paper Size].
- 4 Click [+] to add an item to the list of paper sizes.
- 5 Double-click [Untitled], and then enter a name of the long paper size.
- 6 Enter values in [Width] and [Height].
- 7 Click [OK].
- 8 Select the registered paper size from [Paper Size].



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.


- 9 Select [Multi-Purpose Tray] for [All Pages From] on the [Paper Feed] panel.
- 10 Change other settings if necessary, and then click [Print].

Printing on Custom Size Paper

- Loading Custom Size Paper
- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

Set a custom paper size and paper type on the operator panel. Then, register a paper size with a printer driver.



- Register paper in portrait, and load paper in a tray in portrait.
- If the paper length exceeds 432 mm (17 inches), use the rear output tray.
- This function may not be available for some applications.
- If the paper length exceeds 432 mm (17 inches), the print quality cannot be guaranteed.
- If paper is so long that it exceeds the paper supports of the MP tray, support the paper with your hands.
- It is not recommended to use a paper width of less than 100 mm (3.9 inches), because paper jams may result.
- About available paper sizes for each tray and for duplex printing
 -  [Loading Paper \(User's Manual\)](#)
- The auto tray switch function is set to [ON] by factory default. When a tray runs out of paper during printing, another tray automatically starts feeding paper. To feed custom size paper from a specified tray, set the auto tray switch function to [OFF].
- If images are not correctly printed on large size paper, select [Normal(600x600dpi)] for [Quality] in the PS printer driver. Printing may be improved.

Loading Custom Size Paper

When printing on custom paper size, change the paper type setting, and specify a paper tray.


- 1 Load paper that can be set to the custom size in Tray 1 or Tray 2/3 (optional).
- 2 Press [Device Settings] on the touch panel.
- 3 Press [Paper Setup].
- 4 Press [Tray1], [Tray2], or [Tray3].
- 5 Press [Paper Size].
- 6 Select [Custom].

- 7 Press [Custom] to set a paper size within the following range, and then click [OK].
- 8 Change other settings if necessary.
- 9 Press [Back] until the home screen is displayed.


For Windows PCL Printer Driver

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the [OKI C542] icon, and then select [Printing Preferences] > [OKI C542 PCL6].
- 3 Click [Paper Feed Options] on the [Setup] tab.
- 4 Click [Custom Size].
- 5 Enter a name of the new size in [Name].
- 6 Enter values in [Width] and [Length].
- 7 Click [Add] to save the custom paper size to the list, and then click [OK].
You can save up to 32 custom sizes.
- 8 Click [OK] until the [Printing Preferences] dialog box is closed.
- 9 Open a file.
- 10 Select [Print] from the [File] menu.
- 11 Click [Preferences].
- 12 Specify a registered paper size.
- 13 Change other settings if necessary, and then click [OK].
- 14 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Click [Start], and then select [Devices and Printers].
 - 2 Right-click the [OKI C542] icon, and then select [Printing Preferences] > [OKI C542 PS].
 - 3 Click [Advanced] on the [Layout] tab.
 - 4 Click [Paper Size], and then select [PostScript Custom Page Size] from the drop-down list.
 - 5 Click [Edit Custom Page Size].
 - 6 Enter values in [Width] and [Length], and then click [OK].
-  You cannot set [Offsets Relative to Paper Feed Direction].
- 7 Click [OK] until the [Printing Preferences] dialog box is closed.
 - 8 Open a file.
 - 9 Select the paper size for the registered paper.
 - 10 Change other settings if necessary, and then click [OK].
 - 11 Click [Print] on the [Print] screen.

For Mac OS X

 On Mac OS X, you can set a paper size out of the available range in the printer driver, resulting in improper printing. Set a paper size within the available range.

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Manage Custom Sizes] from [Paper Size].

- 4 Click [+] to add an item to the list of custom paper sizes.
- 5 Double-click [Untitled], and then enter a name of the custom paper size.
- 6 Enter values in [Width] and [Height].
- 7 Click [OK].
- 8 Select the paper size created from [Paper Size].
- 9 Change other settings if necessary, and then click [Print].



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

Printing with Various Settings from a Computer

This section describes various print settings such as enlarging/reducing document size or making a booklet.

- Printing Manually One by One
- Enlarging or Reducing to Fit the Specified Paper Size
- Printing Only the Cover from a Different Tray
- Making a Booklet
- Dividing a Document to Print on Some Sheets for Making a Poster
- Adding Semi-transparent Text (Watermarks)
- Overlaying Forms or Logos (Overlay)
- Outputting a Document to a File Instead of Printing on Paper
- Storing Frequently-printed Documents in the Printer
- Printing E-mail Attachment Files

Printing Manually One by One

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

You can print one sheet at a time by loading paper in the MP tray.

The "Paper request on MP Tray." message is displayed on the touch panel every time you print one page. To continue printing, select [Print Resume].

For Windows PCL Printer Driver


- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [Multi Purpose Tray] from [Source] on the [Setup] tab.
- 5 Click [Paper Feed Options].
- 6 Select the [Use MP tray as manual feed] check box, and then click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.
- 9 When a message is displayed on the touch panel, load paper in the MP tray, and then press [Start].
If the message is not displayed, press [Print].
When printing a multiple page document, the same message is displayed every time you print one page.

For Windows PS Printer Driver

- 1 Open the file to print.

- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [Multi-Purpose Tray] from [Paper Source] on the [Paper/Quality] tab.
- 5 Click [Advanced].
- 6 Click [Multipurpose tray is handled as manual feed], and then select [Yes].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.
- 9 When the message is displayed on the touch panel, load paper in the MP tray and press [Start].
If the message is not displayed, press [Print].
When printing a multiple page document, the same message is displayed every time you print one page.

For Mac OS X

- 1 Open the file to print.
 - 2 Select [Print] from the [File] menu.
 - 3 Select [Multi-Purpose Tray] for [All Pages From] on the [Paper Feed] panel.
-  If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.
- 4 Select [Print Options] from the panel menu.
 - 5 Select [Multipurpose tray is handled as manual feed] check box in the [Feed] tab.
 - 6 Change other settings if necessary, and then click [Print].

- 7 When the message is displayed on the touch panel, load paper in the MP tray and press [Start].
If the message is not displayed, press [Print].
When printing a multiple page document, the same message is displayed every time you print one page.

Enlarging or Reducing to Fit the Specified Paper Size

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

You can print on different paper sizes without changing the print data.



This function may not be available for some applications.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select a paper size to edit from [Size] on the [Setup] tab.
- 5 Select the [Resize document to fit printer page] checkbox, and then select a paper size to print.
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Resize document to fit printer page] checkbox on the [Job Options] tab.

- 5 Select the paper size, and then click [OK].
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select the [Scale to fit paper size] check box on the [Paper Handling] panel.
- 4 Select a paper size to use from [Destination Paper Size].
- 5 Change other settings if necessary, and then click [Print].

Printing Only the Cover from a Different Tray

- For Windows PCL Printer Driver
- For Mac OS X

You can feed the first page of a print job from one tray and the remaining pages from another tray.



This function is not available with the Windows PS printer driver.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Click [Paper Feed Options] on the [Setup] tab.
- 5 Select the [Use different source for first page] check box, and then click [OK].
- 6 Select a paper tray from [Source], and then click [OK].
Select a paper type from [Type] and media weight from [Weight] if necessary.
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Paper Feed] from the panel menu.
- 4 Select [First Page From], and then select a tray to feed the first page.

- 5 Select a tray to feed the remaining pages from [Remaining From].
- 6 Change other settings if necessary, and then click [Print].

Making a Booklet

- For Windows PCL Printer Driver
- For Windows PS Printer Driver



- This function may not be available for some applications.
- This function is not available on Mac OS X.
- Watermarks may not be printed properly with this function.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [Booklet] from [Finishing Mode] on the [Setup] tab.
- 5 Click [Options], and then set booklet printing settings if necessary.
 - [Signature]: Specify a unit of pages to be bound.
 - [2 pages]: Print two pages on one page.
 - [Right to Left]: Print a booklet that is opened from the right.
 - [Bind Margin]: Set a margin.
- 6 Click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.



- To make an A5 booklet by using A4 paper, select [A4] from [Size] on the [Setup] tab.
- If this function is not available with the Windows PCL printer driver, select [Start] > [Devices and Printers], right-click the [OKI C542] icon, and then select [Printer properties] > [OKI C542 PCL6] > the [Advanced] tab > [Print processor] > [OKX055PP] > [OK].

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [Booklet] from [Page Format] on the [Layout] tab.
- 5 Select the [Draw Borders] check box if necessary.
- 6 Click [Advanced].
- 7 Click [Booklet Binding Edge], and then set margins.



- To make a right-fold booklet (a booklet with its binding on the right side when the first page is facing up), select [On Right Edge].
- To make an A5 booklet by using A4 paper, select [A4] from [Paper Size].

- 8 Press [OK] until the print setting dialog box is closed.
- 9 Change other settings if necessary, and then click [OK].
- 10 Click [Print] on the [Print] screen.

Dividing a Document to Print on Some Sheets for Making a Poster

- For Windows PCL Printer Driver

You can create a poster by printing a document onto multiple sheets of paper, and then combining the sheets afterwards.



- This function is not available when you are using the IPP network.
- This function is not available with the Windows PS printer driver or on Mac OS X.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu
- 3 Click [Preference].
- 4 Click [Poster Print] from [Finishing Mode] on the [Setup] tab.
- 5 Click [Options].
- 6 Set values to [Enlarge], [Add Registration Marks], and [Add Overlap] if necessary, and then click [OK].
To make an A3 poster using two sheets of A4 paper, select [A4] for the paper size, and the select [2] for [Zoom].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.



If this function is not available with the Windows PCL printer driver, select [Start] > [Devices and Printers], right-click the [OKI C542] icon, and then select [Printer properties] > [OKI C542 PCL6] > the [Advanced] tab > [Print processor] > [OKX055PP] > [OK].

Adding Semi-transparent Text (Watermarks)

- For Windows PCL Printer Driver
- For Windows PS Printer Driver



- This function is not available on Mac OS X.
- Watermarks are not printed properly for booklet printing.
- When the [Background] check box is selected on the [Watermark] screen, a watermark may not be printed depending on the application. In such a case, clear the [Background] check box.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Extend] tab.
- 5 Click [Watermarks].
- 6 Click [New].
- 7 Specify the text, size, and angle, and then click [OK].
- 8 Click [OK].
- 9 Change other settings if necessary, and then click [OK].
- 10 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].


- 4 Click [Watermark] on the [Job Options] tab.
- 5 Click [New].
- 6 Enter text that is printed as a watermark in [Text] in [Watermarks].
- 7 Set [Font], [Size], or other settings if necessary, and then click [OK].
- 8 Check that the watermark to print is selected, and then click [OK].
- 9 Change other settings if necessary, and then click [OK].
- 10 Click [Print] on the [Print] screen.

Overlaying Forms or Logos (Overlay)

- For Windows PCL Printer Driver
- For Windows PS Printer Driver

You can print overlays (such as logos or forms) on a document. An overlay is a group of forms. You can register three forms to an overlay. The forms are overlaid in order of registration and printed. The form that is registered last is printed on the top.



- In advance, you can create a form, and then register it in this machine.
 -  Registering Forms (Form Overlay)
- For Windows PCL printer driver, select "Register print document as a new form" in the overlay setting of the driver to save the print document as a new form to the printer.

For Windows PCL Printer Driver


- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Extend] tab.
- 5 Click [Overlays].
- 6 Select [Overlay Print] and click [Edit list...].
- 7 Click [Add a registered form...].
- 8 Enter a form name in [Form name].
- 9 Enter the ID of the form you registered with the Storage Manager plug-in for Configuration Tool in [ID].
- 10 Select the pages of the document on which you want to apply the form from [Print on Pages].
- 11 Click [OK].

- 12 Click [OK] in the Edit list dialog box.
- 13 Select an overlay to use from the [Overlay Print] list.
- 14 Click [OK].
- 15 Change other settings if necessary, and then click [OK].
- 16 Click [Print] on the [Print] screen.

For Windows PS Printer Driver



To use this function with the Windows PS printer driver, you must log in to a computer as the administrator.

- 1 Click [Start], and then select [Devices and Printers].
 - 2 Right-click the [OKI C542] icon, and then select [Printing Preferences] > [OKI C542 PS].
 - 3 Click [Overlays] on the [Job Options] tab.
 - 4 Select [User Overlay] from the drop-down list, and then click [New].
 - 5 Enter the form name that you registered with the Storage Manager plug-in for Configuration Tool in [Form Name], and then click [Add].
 - 6 Enter a name of the overlay in [Overlay Name].
 - 7 Select the pages of the document on which to print the overlay from [Print on Pages].
- 
- To apply an overlay by specifying the pages, select [Custom], and then enter the pages to which to apply the overlay in [Custom Pages].
- 8 Click [OK].
 - 9 Select an overlay to use from [Defined Overlays], and then click [Add].
 - 10 Click [OK].

- 11 Change other settings if necessary, and then click [OK].
- 12 Open the file to print.
- 13 Select [Print] from the [File] menu.
- 14 Click [Print] on the [Print] screen.

Outputting a Document to a File Instead of Printing on Paper

- For Windows
- For Mac OS X

You can output a document to a file.



You must log in to a computer as the administrator.

For Windows

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the [OKI C542] icon and then select [Printer properties] > [OKI C542 *].
* Select a driver type to use.
- 3 Select the [Ports] tab.
- 4 Select [FILE:] from the port list, and then click [OK].
- 5 Open a file.
- 6 Select [Print] from the [File] menu.
- 7 Click [Print].
- 8 Enter the name of a file, and then click [OK].

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [PDF] in the print dialog box, and then select a file format.
- 4 Enter the name of a file, select a save destination, and then click [Save].

Storing Frequently-printed Documents in the Printer

- For Windows PCL Driver
- For Windows PS Driver
- For Mac OS X
- Printing the Stored Document from This Machine

Store a print job in the internal memory of the printer. When printing, select a shared job from the operator panel.



If you cannot store the spooled data due to insufficient free space in the memory, a message is displayed to inform you that the file system is full, and the print job is not executed.

For Windows PCL Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Job Options] tab.
- 5 Select [Shared Print].
If you press [Job Type Option], you can any of naming the print job.
- 6 Set other settings if necessary, and click [OK].
- 7 Click [Print] on the [Print] Screen.
The print job is only sent to the printer, and it is not printed yet.

For Windows PS Driver


- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].

- 4 Select the [Job Options] tab.
- 5 Click [Shared Print] from [Job Type].
If you press [Job Type Option], you can any of naming the print job.
- 6 Set other settings if necessary, and click [OK].
- 7 Click [Print] on the [Print] screen.
The print job is only sent to the printer, and it is not printed yet.


For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Secure Print] from the panel menu.
- 4 Select [Shared Print] in the [Job Type].
If you press [Job Type Option], you can any of naming the print job.
- 5 Change other settings if necessary, and then click [Print].
The print job is only sent to the printer, and it is not printed yet.

Printing the Stored Document from This Machine

- 1 Press [Print] or the  (PRINT) button.
- 2 Press [Shared Print].
A job searching starts.




To stop a job search, press  (STOP).

- 3 When shared print jobs are listed, press [Print] for the shared jobs you want to print. To print all displayed shared print jobs, press [Print All].
Press [Delete] to delete specified shared jobs.
Press [Delete All] to delete all shared jobs in the list.

Printing E-mail Attachment Files

Print attachment file of received E-mail.PDF (v1.7), JPEG, and TIFF (V6 Baseline) formats can be printed.

To use this function, you must set the e-mail reception settings on a POP server or SMTP server.

 E-mail Setup



- For the number of copies, duplex printing or other printing settings, the current settings on the [Admin Setup] menu are applied.
- Up to 10 files, each of which is a maximum of 8 MB, can be printed.
- You can forward attachment file of received E-mail.

Saving Paper, Saving Toner

This section describes how to print saving paper or toner.

- Printing on Both Sides of Paper (Duplex Printing)
 - Saving Toner
 - Combining Multiple Pages onto One Sheet of Paper
-

Printing on Both Sides of Paper (Duplex Printing)

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

You can print on both sides of a sheet of paper.

- **Duplex printing is available for the following paper sizes.**

A4, A5, B5, Letter, Legal (13 inches), Legal (13.5 inches), Legal (14 inches), Executive, 8.5SQ (8.5in x 8.5in), Folio, 16K (197 mm x 273 mm, 195 mm x 270 mm, 184 mm x 260 mm), Custom size

- **Duplex printing is available for the following media weight.**

64 to 176 g/m² (17 to 46.8 lb)

Do not use media weight other than the above, because paper jams may occur.



This function may not be available for some applications.



When printing on custom size paper, duplex printing is available for the following width and length ranges.

- Width: 148 to 216 mm (5.8 to 8.5 inches)
- Length: 210 to 356 mm (8.3 to 14.0 inches)

For Windows PCL Printer Driver

- 1 Close the rear output tray.
- 2 Open the file to print.
- 3 Select [Print] from the [File] menu.
- 4 Click [Preferences].
- 5 Select [Long Edge] or [Short Edge] from [2-Sided Printing] on the [Setup] tab.
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Close the rear output tray.
- 2 Open the file to print.
- 3 Select [Print] from the [File] menu.
- 4 Click [Preferences].
- 5 Select [Flip on Long Edge] or [Flip on Short Edge] from [Print on Both Sides] on the [Layout] tab.
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Close the rear output tray.
- 2 Open the file to print.
- 3 Select [Print] from the [File] menu.
- 4 Select [Long-Edge binding] or [Short-Edge binding] from [Two-Sided] on the [Layout] panel.



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

- 5 Change other settings if necessary, and then click [Print].

Saving Toner

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

Printing is possible with less toner.

The amount of toner can be saved in three levels.

- **[Printer setting]: Conforms to the printer setting.**
- **[Off]: Prints at a normal density without saving toner.**
- **[Save Level Low]: Prints at a somewhat lower density level.**
- **[Save Level Middle]: Prints at a low density.**
- **[Save Level High]: Prints at a very low density.**



If using this function, only [Normal (600x600)] or [Fast (600x600)] can be specified as the print quality.



The density of the image that is printed with this function may vary depending on the printed document.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Setup] tab.
- 5 Select the amount of toner to save from [Toner saving].
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Color] tab.
- 5 Select the amount of toner to save from [Toner Saving].
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Print Options] from the panel menu.
- 4 Select the amount of toner to save from [Toner Saving] in the [Quality2] tab.
- 5 Change other settings if necessary, and then click [Print].

Combining Multiple Pages onto One Sheet of Paper

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

You can print multiple pages of a document onto a single side of a sheet of paper.



- This function reduces the page size of your document for printing. The center of the printed image may not be in the center of the paper.
- This function may not be available for some applications.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the number of pages to print on each sheet at [Finishing Mode] on the [Setup] tab.
- 5 Click [Options].
- 6 Set each setting at [Page Borders], [Page layout], and [Bind Margin], and then click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.

- 3 Click [Preferences].
- 4 Select [Pages per Sheet] on the [Layout] tab.
- 5 Select a value from the drop-down list.
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select the number of pages to print on each sheet from [Pages per Sheet] on the [Layout] panel.



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

- 4 Set each setting at [Border] and [Layout Direction].
- 5 Change other settings if necessary, and then click [Print].

Adjusting Color on the Computer

This section describes how to adjust color setting when printing from a computer.

- Printing Color Data in Grayscale
 - Using Color Matching on Printer Driver
 - Simulating Printing Results for Ink
 - Color Separation
 - Correcting Color Registration Error Manually
 - Correcting Density Manually
 - Adjusting Color Balance (Density)
 - Adjusting Color with Software
-

Printing Color Data in Grayscale

You can print color documents in grayscale.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences] or [Properties].
- 4 On the [Setup] tab, select [Monochrome].
- 5 Click [OK].



Selecting [Monochrome] on the printer driver enables you to print a color document in grayscale even when the cyan, magenta, and yellow toners are empty.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences] or [Properties].
- 4 Select the [Color] tab and select [Grayscale].
- 5 Click [OK].



Set grayscale printing on the [Job Options] tab.

Selecting [Grayscale] on the printer driver enables you to print a color document in grayscale even when the cyan, magenta, and yellow toners are empty.

For Mac OS X

- 1 Open the file to print.
- 2 From the [File] menu, select [Print].
- 3 Select [Color] from the panel menu.
- 4 Select [Grayscale].
- 5 Click [Print].



Selecting [Grayscale] on the printer driver enables you to print a color document in grayscale even when the cyan, magenta, and yellow toners are empty.

Using Color Matching on Printer Driver

Color Matching means managing and adjusting documents color to keep it consistent between input and output devices.

This section describes the Color Matching function on the printer driver.

- **Automatic:** Color matching is applied according to the document. Normally, use this setting as a default setting.
- **Office Color:** Use this setting when printing business document using word processing software, spreadsheet software, and presentation software. Color matching is applied when RGB color space print data is converted to CMYK color space for the printer.
- **Graphic Pro:** This function is suitable for using the DTP software. You can specify the simulation of printing with the CMYK output devices.
- **No Color Matching:** This function is suitable for colors to be matched with an application.

If you use Mac OS X, you can also use [ColorSync] function to do color matching.



- This function can support only RGB color data.
- If you want to manage CMYK color data, use the Graphic Pro function.
- Link profiles for CMYK cannot be specified with the Windows PCL printer driver.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 Click [Detail...] in the [Setup] tab.
- 5 Select an item and then click [OK].

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 Select the [Color] tab.
- 5 Select an item and then click [OK].

For Mac OS X

- 1 Open the file to print.
- 2 From the [File] menu, select [Print].
- 3 Select the [Color] tab.
- 4 Select an item for [Color] and then click [Print].



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

Simulating Printing Results for Ink

You can simulate output such as that of an offset printing press by adjusting the CMYK color data.



- For some applications, this function is not available on Mac OS X.
- This function can be used when the [Office Color] or [Graphic Pro] is selected for [Color Mode].
- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 Click [Detail...] in the [Setup] tab and select [Graphic Pro].
- 5 Select [Printer Simulation].
- 6 Select an ink feature you want to simulate from [Simulation Target Profile] on [Input Profile] and click [OK].

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].

- 4 Select the [Color] tab and select [Graphic Pro], and then click [Detail].
You can do a printer simulation with [Office Color], for business or other documents, then click [Advanced], and select the properties of the ink you want to simulate from [CMYK Ink Simulation].
- 5 Select the [Printer Simulation] check box.
- 6 Select an ink feature you want to simulate from [Simulation Target Profile] on [Input] and click [OK].

For Mac OS X

- 1 Open the file to print.
- 2 From the [File] menu, select [Print].
- 3 Select [Color] from the panel menu.
- 4 Select [Graphic Pro] in [Color].
- 5 Click [Options] to select [Printer Simulation].
- 6 Select an ink feature you want to simulate from [Simulation Target Profile].



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

Color Separation

You can print by separating each color without using any applications.



- Windows PCL printer driver cannot be used for this function.
- If you are using Adobe Illustrator, use the color separation function of the application. Turn off the color matching function of the printer driver.
- For Windows PS Drivers
- For Mac OS X

For Windows PS Drivers

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 Select the [Color] tab and select [Advanced].
- 5 Select the color you want to separate from [Print Color Separations] and then click [OK].

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select the [Print Options] panel.
- 4 Select [Print Color Separations] in the [Quality 2] tab and click [Print].

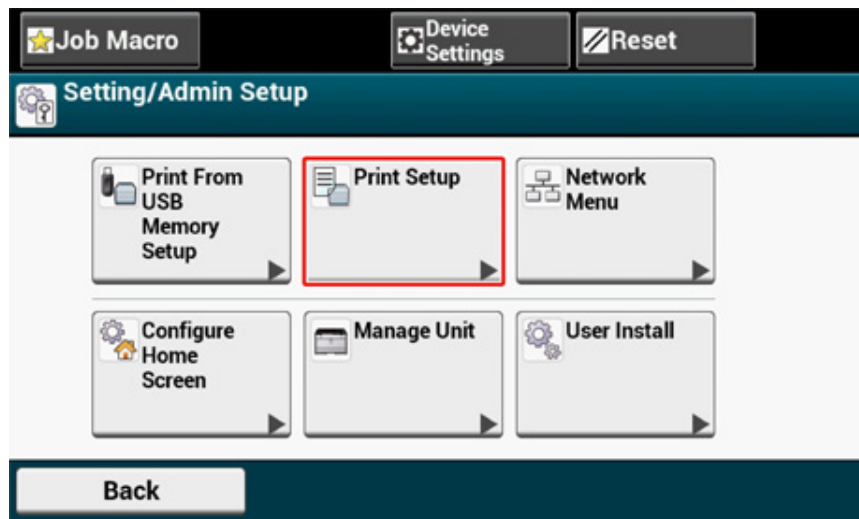


If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

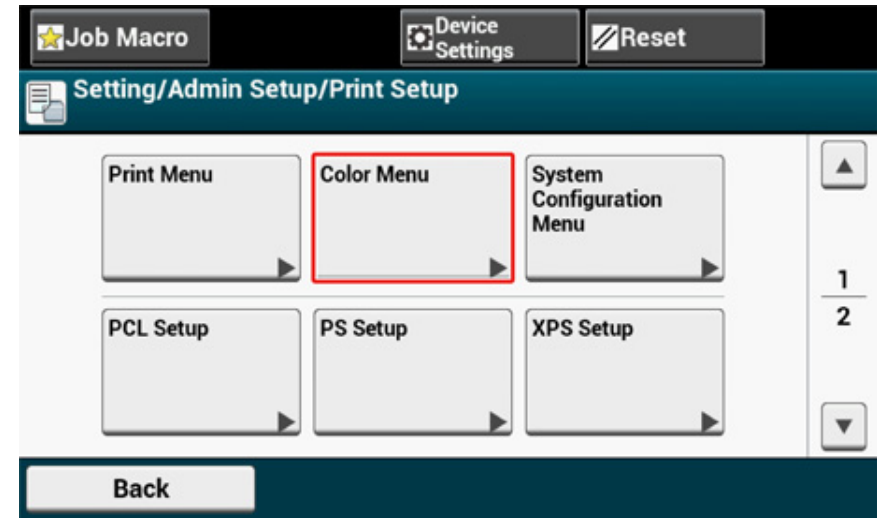
Correcting Color Registration Error Manually

The machine automatically adjusts color registration when the machine turns on or the output trays are opened/closed. You can manually adjust color registration from the operation panel if necessary.

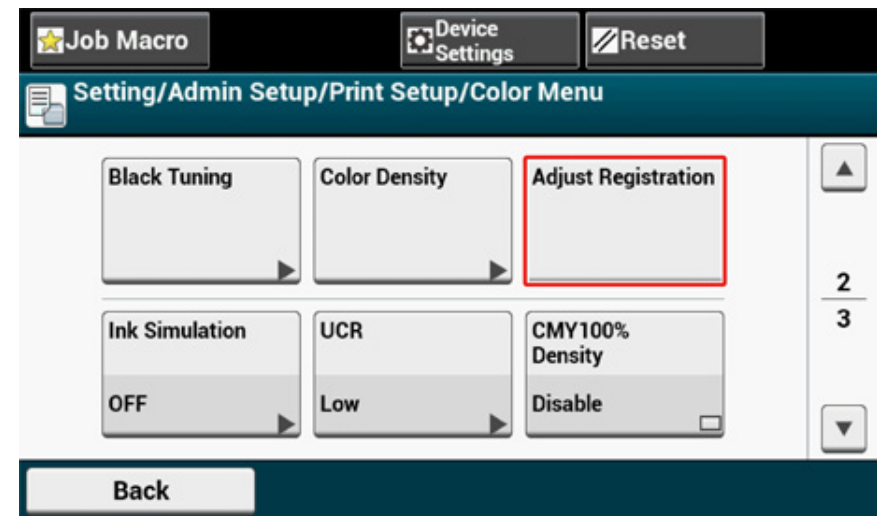
- 1 Press [Device Setting] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press ▲ or ▼ several times and press [Print Setup].



- 5 Press [Color Menu].



- 6 Press [Adjust Registration].



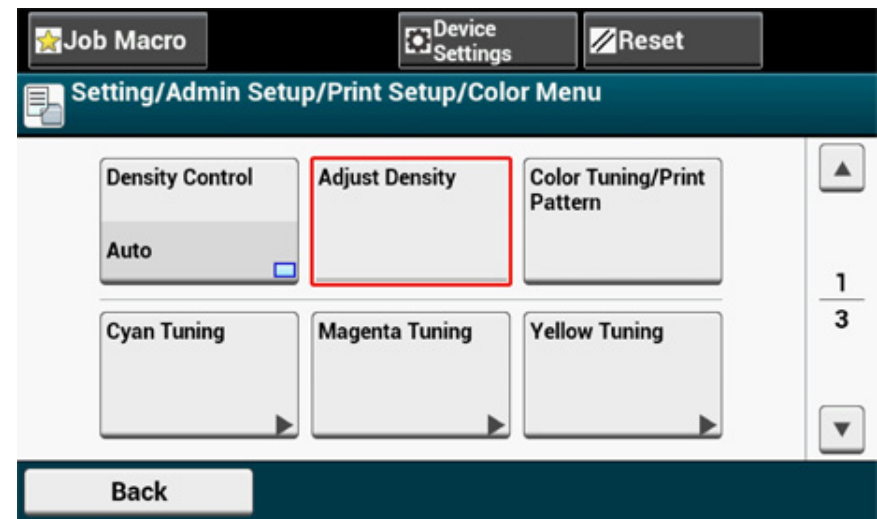
7 Press [Yes].

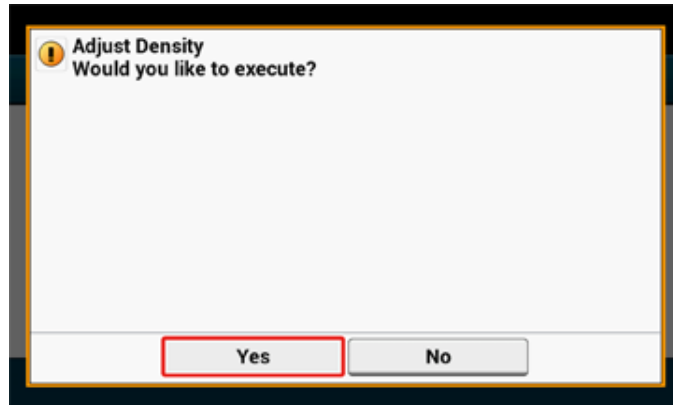


Correcting Density Manually

This machine automatically adjusts color registration when an image drum cartridge is replaced or when 500 sheets are printed. You can manually adjust color registration from the operation panel if necessary.

- 1 Press [Device Setting] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press ▲ or ▼ several times and press [Print Setup].
- 5 Press [Color Menu].
- 6 Press [Adjust Density].



7 Press [Yes].

Adjusting Color Balance (Density)

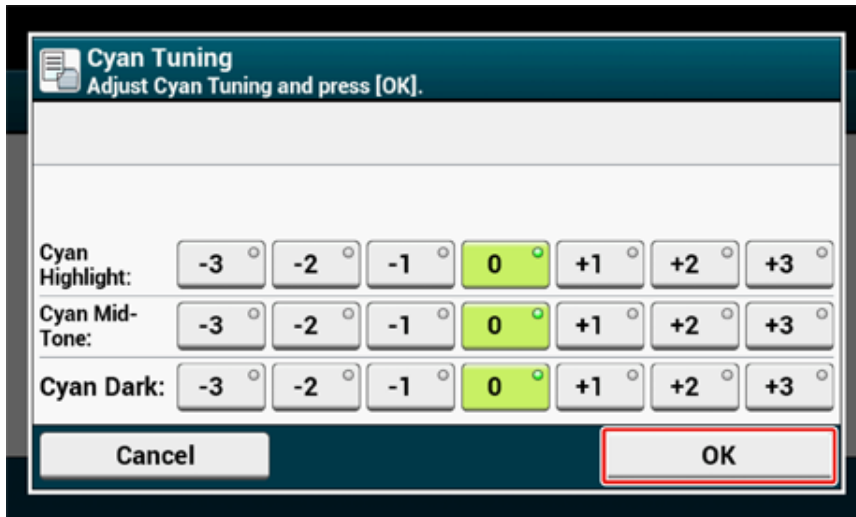
When you adjust the shade to suit your preferences, operate from the operator panel.

To specify, darken or lighten pale part (Highlight), middle tone part (Mid-tone), and dark part (Dark) of each color.


This section describes how to adjust for cyan. When adjusting other colors, perform the same procedure to all colors and parts you want to adjust.

- 1** Press [Device Setting] on the touch panel.
- 2** Press ▲ or ▼ several times and press [Admin Setup].
- 3** Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4** Press ▲ or ▼ several times and press [Print Setup].
- 5** Press [Color Menu].
- 6** Press [Color Tuning/Print Pattern] and [Yes] to print color adjustment pattern.
- 7** Press [Cyan Tuning].

- 8 The sliders for Highlight, Mid-Tone, and Dark are displayed. Select the values, and then press [OK].



To darken a little, select +1 to +3, to lighten a little, select -1 to -3.

- 9 Press the  (HOME) button.
- 10 Start printing.
Repeat the procedure until the color shade meets your preferences.

Adjusting Color with Software

- Color Correct Utility
- Color Swatch Utility
- PS Gamma Adjuster Utility

For a Better Finish

This section describes settings to obtain better print results when printing from a computer.

- Enhancing Photos
 - Printing with a Specified Resolution
 - Emphasizing Fine Lines
 - Specifying the Font to Use
 - Changing Black Finish
 - Eliminating White Gap Between Text and Background (Overprinting Black)
-

Enhancing Photos

You can print photographs more vividly.



This function is not available with the Windows PS printer drivers or on Mac OS X.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences] or [Properties].
- 4 Select the [Job Options] tab.
- 5 Select the [Photo Enhance] check box.
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

Printing with a Specified Resolution

- For Windows
- For Mac OS X

You can change the print quality if necessary.



If printing on large-size paper with the Windows PS printer driver or on Mac OS X, using [Normal (600x600)] may improve the print quality.

For Windows

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Job Options] tab.
- 5 Select a print quality level from [Quality].
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select the [Print Options] panel.
- 4 Select a desired value from [Quality] in the [Quality 1] tab.
- 5 Change other settings if necessary, and then click [Print].

Emphasizing Fine Lines

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

To prevent blurry small letters or fine lines, turn on [Adjust ultra fine lines] on the printer driver.

Bar code gaps or other gaps may be narrower depending on the application. In such a case, turn this function off.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Job Options] tab.
- 5 Click [Advanced].
- 6 Select [Adjust ultra fine lines] and select [On] for [Settings], and then click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Job Options] tab.

- 5 Click [Advanced].
- 6 Check the [Adjust ultra fine lines] check box, and then click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Quality1] from tabs.
- 4 Check the [Adjust ultra fine lines] check box in the [Quality 1] tab.
- 5 Change other settings if necessary, and then click [Print].

Specifying the Font to Use

- Print Using the Printer Fonts
- Print Using the Fonts of Computer

Print Using the Printer Fonts



- The printer fonts do not exactly duplicate the appearance of the TrueType fonts displayed on the screen.
- This function is not available on Mac OS X.
- This function may not be available for some applications.

• For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Extend] tab.
- 5 Click [Fonts].
- 6 Select the [Font Substitution] check box in [TrueType Font Output Type].
- 7 Specify the printer font to use instead of TrueType fonts in [Font Substitution Table].
- 8 Click [OK].
- 9 Change other settings if necessary, and then click [OK].
- 10 Click [Print] on the [Print] screen.

• For Windows PS Printer Driver

- 1 Right-click the [OKI C542] icon and then select [Printer properties] > [OKI C542 PS].

- 2 Double-click [Font Substitution Table] on the [Device Settings] tab.
- 3 Click a TrueType font, and then select a printer font to be used to substitute the TrueType font from the list.
- 4 Click [OK].
- 5 Open a file to print from a computer.
- 6 Select [Print] from the [File] menu.
- 7 Click [Preferences].
- 8 Click [Advanced] on the [Layout] tab.
- 9 Click [TrueType Font], and then select [Substitute with Device Font].
- 10 Click [OK].
- 11 Change other settings if necessary, and then click [OK].
- 12 Click [Print] on the [Print] screen.

Print Using the Fonts of Computer

You can print your documents by using TrueType fonts in a computer to reproduce the same font appearance as on the screen.



This function is not available on Mac OS X.

• For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Extend] tab.
- 5 Click [Fonts].

- 6 Clear the [Font Substitution] check box in [TrueType Font Output Type], select one of the following output formats, and then click [OK].
 - Download as outline font
Creates font images in the printer.
 - Download as bitmap font
Creates font images using the printer drivers.
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

• For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Click [Advanced] on the [Layout] tab.
- 5 Click [TrueType Font], and then select [Download as Soffont].
- 6 Click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

Changing Black Finish

You can change the black finish when printing in color. The black finish setting can be used when [Office Color] or [Graphic Pro] is selected in the printer driver.

There are two types of black finish: composite black (made from CMYK toner) and true black (made from black toner only).

There are two types of black finishes; one is composed of cyan (C), magenta (M), yellow (Y) and black (K) toners, and the other is composed of a black (K) toner only. A black finish using CMYK toners is suitable for printing photographs. A black finish using a black toner only is suitable for printing black text or graphics.

If you use the [Office Color] function, you can also select the auto. If Automatic is selected, the suitable method is selected automatically to print out the document.

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 Click [Detail...] in the [Setup] tab, select [Office Color] or [Graphic Pro].
- 5 Select the method to create black from [Black Finish].
- 6 Click [OK] to close the details window.
- 7 Click on [OK].

For Windows PS Printer Driver

- 1 Open the file to print.

- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 Select [Color] tab and select [Office Color] or [Graphic Pro] and then click [Detail].
- 5 Select the method to create black from [Black Finish].
- 6 Click [OK] to close the details window.
- 7 Click on [OK].

For Mac OS X

- 1 Open the file to print.
- 2 From the [File] menu, select [Print].
- 3 Select [Color] from the panel menu.
- 4 Select [Office Color] or [Graphic Pro] and then click [Options].
- 5 Select the method to create black from [Black Finish].
- 6 Click on [OK].



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

Eliminating White Gap Between Text and Background (Overprinting Black)

Depending on the conditions of use, you can set black to overprint and reduce the white gap between black letters and colored background.



- This function cannot be used with some applications.
- This function can be used when printing only text over a background color.
- If the toner layer is thick, the toner may not be fixed firmly.

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 On the [Job Options] tab, Select [Advanced].
- 5 Set [Overprint Black] to [On].

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click on [Preferences] or [Properties].
- 4 Select the [Color] tab and select [Advanced].
- 5 Select the [Black Overprint] check box.

For Mac OS X

- 1 Open the file to print.
- 2 From the [File] menu, select [Print].
- 3 Select the [Print Options] panel.
- 4 Select the [Black Overprint] check box in the [Quality 1] tab.



If setting details are not displayed in the print dialog box for Mac OS X 10.8.5 to 10.11, click [Show Details] at the bottom of the dialog box.

Useful Functions

This section describes useful functions when printing from a computer.

- Collating a Multiple Page Document in Units of Copies
 - Printing from the Last Page of a Document
 - Selecting a Tray Automatically for the Specified Paper
 - Switching to Another Paper Feed Tray Automatically When a Tray Runs Out Of Paper
 - Changing the Default Settings with a Printer Driver
 - Saving Frequently-Used Settings in the Printer Driver to Use
 - Storing Print Data in This Machine before Printing
 - Printing without Opening a PDF File (PDF Print Direct)
 - Printing Data in USB Memory
-

Collating a Multiple Page Document in Units of Copies

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

You can print a multiple page document in units of copies.



This function may not be available for some applications.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Job Options] tab.
- 5 Select the number of print copies from [Copies], and then select the [Collate] check box.
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Enter the number of print copies in [Copies], and then select the [Collate] check box on the [Job Options] tab.

- 5 Change other settings if necessary, and then click [OK].
- 6 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Enter the number of copies in [Copies]. Deselect the [Collate pages] check box in the [Paper Handling] tab.
- 4 Select [Print Options] on the panel menu, and then click [Collate] check box in the [Paper] tab.



Printing is performed without using the printer's memory when [Paper Handling] is selected on the panel menu and the [Collate pages] check box is selected.

- 5 Change other settings if necessary, and then click [Print].

Printing from the Last Page of a Document

- For Windows PS Printer Driver
- For Mac OS X

You can print in forward or reverse page order to suit your needs.

When using the output tray, print in the forward page order to stack printouts in forward page order.

When using the rear output tray, print in the reverse page order to stack printouts in forward page order.



- If the rear output tray is not open, printouts are output to the output tray.
- This function is not available with the Windows PCL printer driver.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [Front to Back] or [Back to Front] from [Page Order] on the [Layout] tab.
- 5 Change other settings if necessary, and then click [OK].
- 6 Click [Print] on the [Print] screen.



If [Page Order] is not displayed, select [Start] > [Devices and Printers], right-click the [OKI C542] icon, select [Printer properties] > [OKI C542 PS] > the [Advanced] tab, and then select the [Enable advanced printing features] check box.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.

- 3 Select [Reverse] for [Page Order] on the [Paper Handling] panel.
- 4 Change other settings if necessary, and then click [Print].

Selecting a Tray Automatically for the Specified Paper

- Setting the MP Tray
- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

You can automatically select a tray (paper cassette (Tray 1/2/3)) or the MP tray that holds paper of the same size that is set with the printer driver. Trays switch in accordance with the [Tray Sequence] setting.



Be sure to set the paper size and weight for paper cassettes and the MP tray on the touch panel.

 [Loading Paper \(User's Manual\)](#)

Setting the MP Tray

Set the MP tray as a target of the auto tray selection.

- 1 Press [Device Settings] on the touch panel.
- 2 Press [Paper Setup].
- 3 Press [MP Tray].
- 4 Press [MP Tray Usage].
- 5 Press [Normal Tray].



[MP Tray Usage] is set to [Do Not Use] by factory default.

- 6 Press [Back] until the home screen is displayed.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.

- 3 Click [Preferences].
- 4 Select [Auto] from [Source] on the [Setup] tab.
- 5 Change other settings if necessary, and then click [OK].
- 6 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select [Automatically Select] from [Paper Source] on the [Paper/Quality] tab.
- 5 Click [OK].
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Auto Select] from [All Pages From] on the [Paper Feed] panel.
- 4 Change other settings if necessary, and then click [Print].

Switching to Another Paper Feed Tray Automatically When a Tray Runs Out Of Paper

- Setting Trays for the Auto Tray Switching
- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

When the specified tray runs out of paper, the machine can continue to print from another tray if paper of the same paper size and weight is loaded in the paper cassettes (Tray 1/2/3) and the MP tray.


To use this function, enable the auto tray switching function on the touch panel first. Then, set the auto tray switching function with the printer driver.



For the paper settings of each tray used for the auto tray switch function, set the same values to the machine and printer driver.

 [Loading Paper \(User's Manual\)](#)

Setting Trays for the Auto Tray Switching

- 1 Press [Device Settings] on the touch panel.
 - 2 Press [Paper Setup].
 - 3 Check that [Auto Tray Switch] is set to [ON].
- 
 - Pressing [Auto Tray Switch] switches between [ON] and [OFF].
 - Trays switch in accordance with the [Tray Sequence] setting.
- 4 Press [Back] until the home screen is displayed.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.

- 3 Click [Preferences].
- 4 Click [Paper Feed Options] on the [Setup] tab.
- 5 Select the [Auto Tray Change] check box, and then click [OK].
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Click [Advanced] on the [Layout] tab.
- 5 Click [Tray Switch] and then select [ON].
- 6 Click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Print Options] from the panel menu.
- 4 Check the [Tray Switch] check box in the [Feed] tab.
- 5 Change other settings if necessary, and then click [Print].

Changing the Default Settings with a Printer Driver

- For Windows Printer Driver
- For Mac OS X

You can use frequently-used printing settings as the printer driver's default settings.

For Windows Printer Driver

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the [OKI C542] icon, and then select [Printing Preferences] > [OKI C542 *].
* Select a driver type to use.
- 3 Set the printing settings to use as the driver's default settings.
- 4 Click [OK].

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select [Show Presets] from [Presets].
- 4 Clear the [Reset Presets Menu to "Default Settings" After Printing] check box.
- 5 Click [OK].
- 6 Select a preset that is used as the driver's default settings from [Presets].
- 7 Click [Print].

Saving Frequently-Used Settings in the Printer Driver to Use

- Registering Frequently-used Settings
- Printing with Registered Settings

Registering Frequently-used Settings

You can save the printer driver settings.



This function is not available with the Windows PS printer driver.



You can save up to 14 settings.

• Registering the Windows PCL Driver Settings

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the [OKI C542] icon, and then select [Printing preferences] > [OKI C542 PCL6].
- 3 Set the printing settings to save.
- 4 Click [Save] in [Driver Setting] on the [Setup] tab.
- 5 Enter a name to save the settings, and then click [OK].
- 6 Click [OK] to close the print setup dialog box.

• Registering the Mac OS X Printer Driver Settings



- The default settings on the [Page Setup] dialog box cannot be changed.
- The operation of the settings that are saved with a different printer driver cannot be guaranteed. Save the settings with a name that you can distinguish.

- 1 Open the file to print.

- 2 Select [Print] from the [File] menu.
- 3 Set the printing settings to save.
- 4 Select [Save Current Settings as Preset] from [Presets].
- 5 Enter a name to save the settings, and then click [OK].

Printing with Registered Settings



This function is not available with the Windows PS printer driver.

• For Windows PCL Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select a setting to use from [Driver Setting] on the [Setup] tab.
- 5 Click [OK].
- 6 Click [Print] on the [Print] screen.

• For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select a setting to use from [Presets].
- 4 Click [Print].

Storing Print Data in This Machine before Printing

- For Windows PCL Printer Driver
- For Windows PS Printer Driver
- For Mac OS X

You can spool print jobs to the memory that is integrated in this machine. This allows you to finish your work on your computer early, which makes it possible for your computer to process other tasks while this machine is operating in the background.



If you cannot store the spooled data due to insufficient free space in the internal memory of this machine, a message is displayed to inform you that the file system is full, and the print job is not executed.

For Windows PCL Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Job Options] tab.
- 5 Click [Advanced].
- 6 Select [Job Spool], and select [On] for [Settings], and then click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].

- 4 Select the [Job Options] tab.
- 5 Click [Advanced].
- 6 Check the [Job Spool] check box, and then click [OK].
- 7 Change other settings if necessary, and then click [OK].
- 8 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 From the [File] menu, select [Print].
- 3 Select the [Print Options] panel.
- 4 Check the [Give Priority to the host release] check box in the [Quality 2] tab.
- 5 Change other settings if necessary, and then click [Print].

Printing without Opening a PDF File (PDF Print Direct)

- For Windows
- For Mac OS X

You can send a PDF file to this machine to directly print it. With PDF Print Direct, you can omit opening the PDF file with an application, such as Adobe Reader.



The paper size depends on the [PDF Paper Size] setting from [Device Settings] > [Admin Setup] > [Print Setup] > [PS Setup] on the touch panel.



For Windows, install PDF Print Direct beforehand.

 [List of Utility Software](#)

For Windows

- 1 Right-click a PDF file to print, and then select [PDF Print Direct].
- 2 Select a printer to use.
To set the user authentication function with the selected printer, select [User Auth] from the [Printer Setting] menu.
- 3 To print an encrypted file, select the [Setting Password] check box, and then enter the password.
If the same password is to be used again, click [Save Password].
- 4 Change other settings if necessary, and then click [Print].

For Mac OS X

- 1 Select [Printers & Scanners] in [System Preferences].
- 2 Check that the [OKI C542] icon is listed.
- 3 Drag the icon of the driver to the desktop or Dock.
- 4 Drag the file you want to print to the driver icon.

Printing Data in USB Memory

- Cancelling a Print Job

You can connect USB Memory to the printer and print saved data.



- Not all USB Memory is guaranteed to use. (USB Memory with security functions are not supported.)
- USB hubs and external USB HDDs are not supported.
- Encrypted PDF files are not supported.



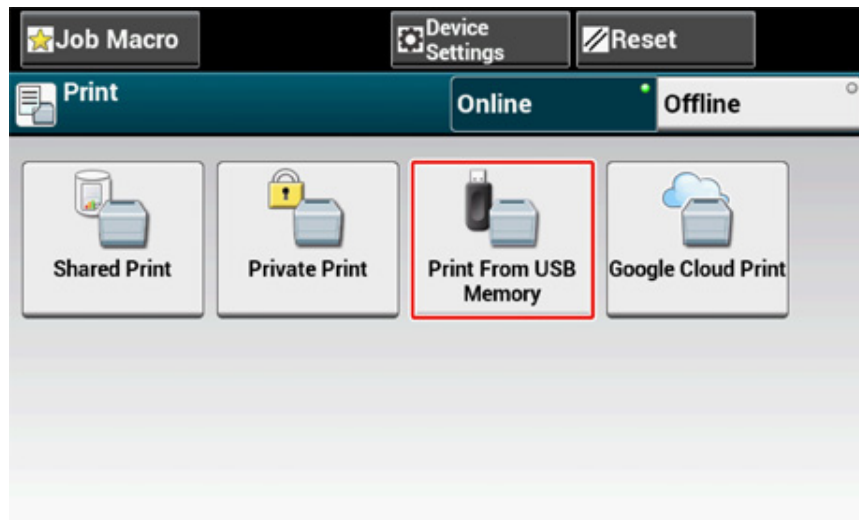
- The following file systems are supported: FAT12, FAT16, FAT32.
- Supported file formats: PDF(v1.7), JPEG, PDF, TIFF(v6 baseline), XPS, PRN (PS, PCL, XPS)
- Up to 32 GB USB Memory is supported.
- Up to 100 files in supported file formats that are saved in USB Memory are displayed in the file list.
 - If 100 or more files are saved in USB Memory, the file list is not displayed properly.
 - USB Memory with a directory structure of 20 or more levels may not be read properly.
 - A file path exceeding 240 characters may not be read correctly.
- You can print one file in USB Memory at a time.

- 1 Insert USB Memory into the USB port.

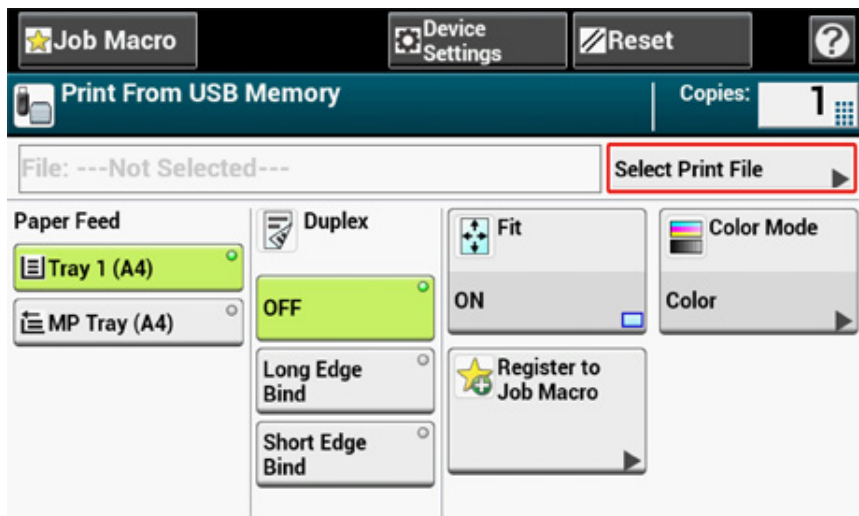


- 2 Press [Print] or the  (PRINT) button.

3 Press [Print From USB Memory].



4 Press [Select Print File].



5 Select the folder that has the file you want to print.

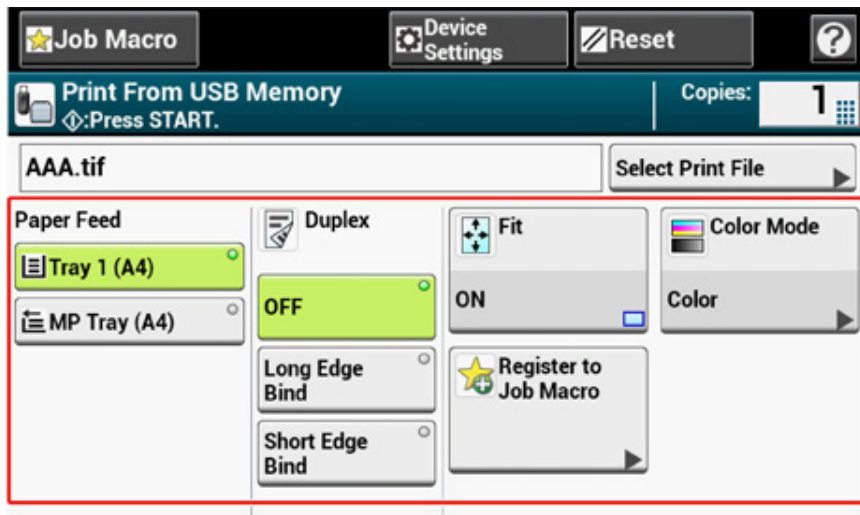



6 Set printing settings if necessary.

The following items can be set.


- Paper Feed
- Duplex
- Fit
- Color/Mono

- Copies



- 7 Press the  (START) button.
- 8 When a message is displayed to inform you that you can remove USB Memory from the port, remove it.

Cancelling a Print Job

To cancel a print job from USB Memory, press the  (Stop) button on the operator panel.

You can cancel a print job until a message is displayed to inform you that printing is complete.



The pages that are ready to be printed on this machine will be printed without changes.

Printing Confidential Document

This section describes how to obtain print results in a confidential manner.

- [Encrypting the Print Data and Setting a Password Before Printing \(Private Print\)](#)

Encrypting the Print Data and Setting a Password Before Printing (Private Print)


- [Encrypting and Setting Password on a Computer](#)
- [Printing an Encrypted/Password-protected Document from This Machine](#)

With the private print function, you can encrypt and password-protect private documents or confidential documents and store to the machine to prevent other people from seeing them, and then authenticate on the operator panel before printing them.

Since the print jobs are encrypted before sending, you can protect confidential information from injustice access.



- If you cannot store the spooled data due to insufficient free space in the internal memory of this machine, a message is displayed to inform you that the file system is full, and the print job is not executed.
- You cannot use this function with the poster printing function and the booklet printing function with the Windows PCL printer driver if you share this machine via the print server.
- When you use this function, clear the [Give Priority to the host release] check box.

 [Storing Print Data in This Machine before Printing](#)

Encrypting and Setting Password on a Computer

- **For Windows PCL Printer Driver**

- 1 Open a file.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences].
- 4 Select the [Job Options] tab.
- 5 Select [Private Print].
- 6 Enter a password in [Password].
- 7 Click [OK].
- 8 Set other settings if necessary, and then click [OK].

9 Click [Print] on the [Print] Screen.

The encrypted and password-protected print job is only sent to this machine, and it is not printed yet.

- **For Windows PS Printer Driver**

1 Open a file.

2 Select [Print] from the [File] menu.

3 Click [Advanced].

4 Select the [Job Options] tab.

5 Select [Private Print] from [Job Type].

6 Enter a password in [Password].

7 Click [OK].

8 Set other settings if necessary, and then click [OK].

9 Click [Print] on the [Print] screen.

The encrypted and password-protected print job is only sent to this machine, and it is not printed yet.

- **For Mac OS X**

1 Open a file.

2 From the [File] menu, select [Print].

3 Select [Secure Print] from the panel menu.

4 Select [Private Print] from [Job Type].

5 Enter a password in [Personal ID Number (PIN)].

6 Change other settings if necessary, and then click [Print].


The encrypted and password-protected print job is only sent to this machine, and it is not printed yet.



The print job saved in the memory is automatically deleted if the printing is complete or not printed for a certain period of time. If an error occurs while sending the data or the job is altered after being sent, the job is automatically deleted.

Printing an Encrypted/Password-protected Document from This Machine

Print an encrypted and password-protected print job saved in the internal memory of this machine.

1 Press [Print] or the  (PRINT) button on the machine.

2 Press [Private Print].

3 When the user list is displayed, select the user name of your computer.

4 Enter the password that you set on the computer, and then press [OK].

5 When private print jobs are listed, press [Print] for the private jobs you want to print. To print all displayed print jobs, private press [Print All].

Press [Delete] to delete specified private jobs.

Press [Delete All] to delete all private jobs in the list.

3

Maintenance

Replacing Maintenance Parts

Cleaning Each Part of the Machine

Updating Installed Drivers

Removing Installed Driver

Updating Firmware

Initializing Memory and Settings

This category describes consumable replacements and cleaning to ensure a comfortable use of the machine for a longer life.

Replacing Maintenance Parts

This section describes how to replace maintenance parts.

- Replacing the Belt Unit
- Replacing the Fuser Unit

Replacing the Belt Unit

When the "Belt Unit Near Life" message appears on the display screen, prepare a replacement belt unit. You can keep printing approximately 1,000 pages until the next message appears.

When the "Change Belt Unit" message appears, replace the belt unit.

The life expectancy of the belt unit is approximately 60,000 pages for A4 simplex printing (three pages per job).

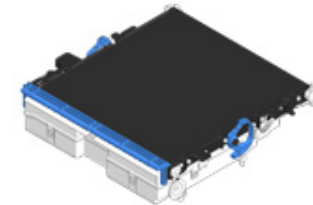


- The actual number of pages you can print with the belt unit depends on how you use it.
- Though opening and closing the output tray may extend the life of the belt unit somewhat, you should replace it soon after the "Change Belt Unit" is displayed to prevent malfunction.
- If you replace the belt unit, use it until the end of its usable life. If you remove the belt unit and install and use another one before its usable life has expired, the use life will not be correctly displayed.
- When the [Device Setting] > [Admin Setup] > [Management] > [System Setup] > [Near Life LED] is set to [Disable] on the touch panel, the [Belt Unit Near Life] message does not appear.
- The image drum (the green tube) is very delicate. Handle it carefully.
- Do not expose the image drum to direct sunlight or very bright interior light (approximately more than 1,500 lux). Even under the normal interior light, do not leave it for more than 5 minutes.





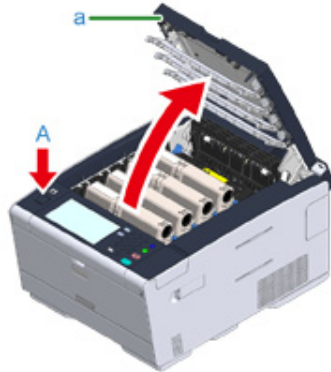
You can change the setting for displaying the "Belt Unit Near Life" message. Set from [Device Setting] > [Admin Setup] > [User Install] > [Belt Near Life Timing] on the touch panel. Available values are from 500 to 5,000 (in 500 increments).

- 1 Prepare a replacement belt unit.

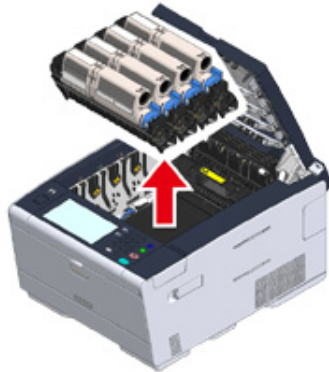


- 2 Press the open button (A) and open the output tray (a).

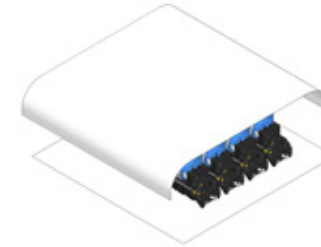
 CAUTION	Possible to get burned.	
The fuser unit is extremely hot. Do not touch it.		



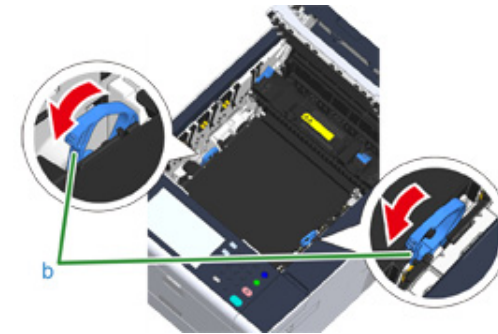
- 3 Take all the four image drums out of the machine, and then place them on a flat surface.



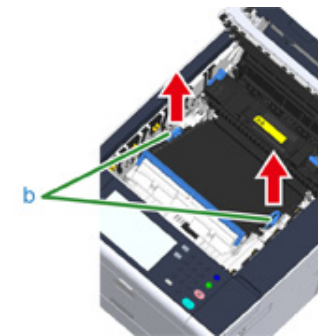
- 4 Cover the image drums you took out with paper so that the image drums do not expose to the light.



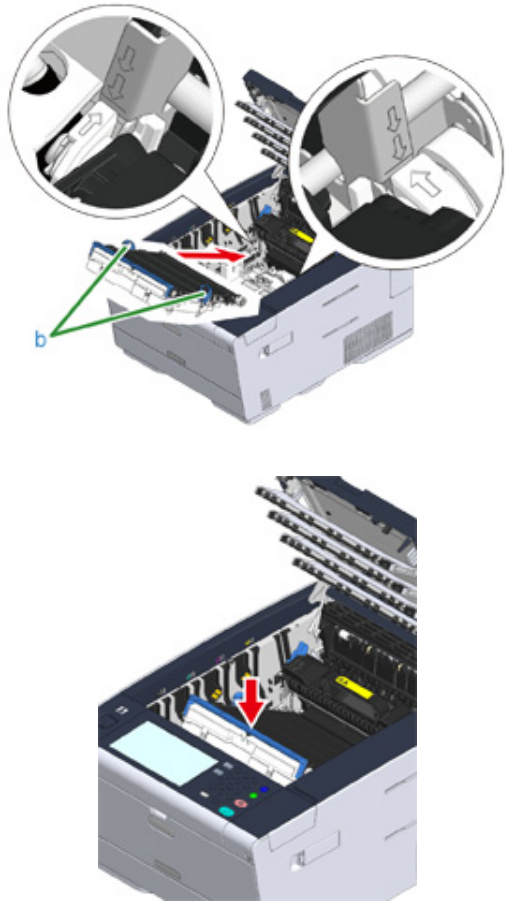
- 5 Turn the lock levers (b) on the both sides of the belt unit forward to unlock.



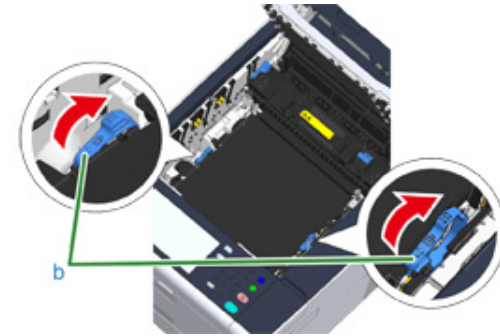
- 6 Remove the belt unit by holding the lock lever (b).



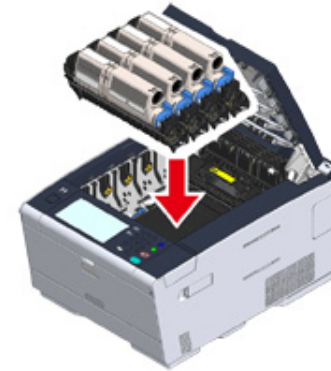
- 7** Hold the lock levers (b) of a new belt unit and place the belt unit into the machine.



- 8** Turn the lock levers (b) on the both sides of the belt unit backward.



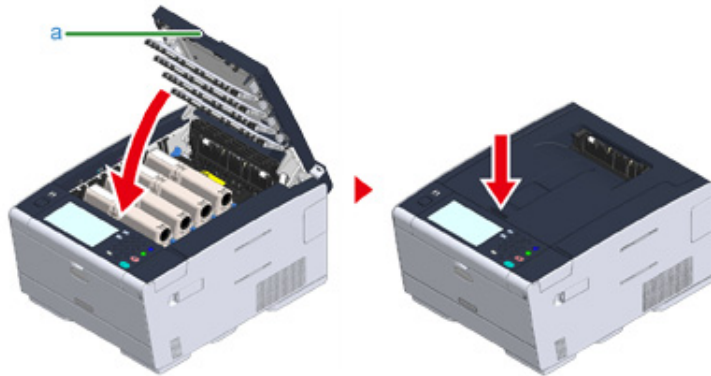
- 9** Return all the four image drums to the machine.



- 10** Close the output tray (a) slowly and push the center of the tray for confirmation.



Do not touch the LED head when closing the output tray.



11 Please recycle belt unit.



If you must dispose of a belt unit, put it in a plastic bag or similar container and dispose of it in accordance with your municipality's ordinances or guidelines.

Replacing the Fuser Unit

When the "Fuser Unit Near Life" message appears on the display screen, prepare a replacement fuser unit. You can keep printing approximately 1,000 pages until the next message appears.

When the "Change Fuser Unit" message appears, replace the fuser unit.

The life expectancy of the fuser unit is up to 60,000 pages for A4 simplex printing.



- The actual number of pages you can print with the fuser unit depends on how you use it.
- Though opening and closing the output tray may extend the life of the fuser unit somewhat, you should replace it soon after "Change Fuser Unit" is displayed to prevent malfunction.
- If you replace the fuser unit, use it until the end of its usable life. If you remove the fuser unit and install and use another one before its usable life has expired, the use life will not be correctly displayed.
- When the [Device Setting] > [Admin Setup] > [Management] > [System Setup] > [Near Life LED] is set to [Disable] on the touch panel, the [Fuser Near Life.] message does not appear.
- Do not expose the image drum to direct sunlight or very bright interior light (approximately more than 1,500 lux). Even under the normal interior light, do not leave it for more than 5 minutes.





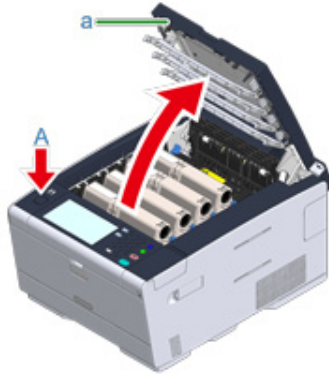
You can change the setting for displaying the "Fuser Unit Near Life" message. Set from [Device Setting] > [Admin Setup] > [User Install] > [Fuser Near Life Timing] on the touch panel. Available values are from 500 to 5,000 (in 500 increments).

1 Prepare a new fuser unit.

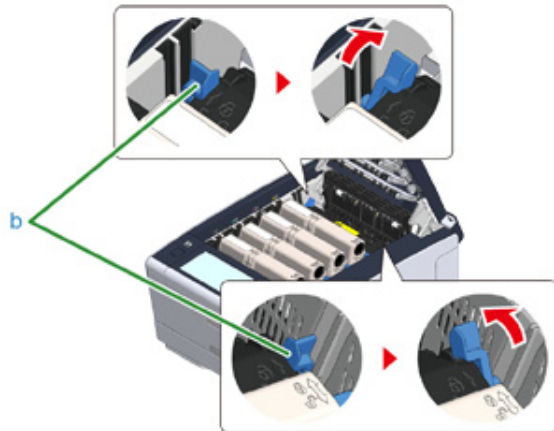


- 2 Press the open button (A) and open the output tray (a).

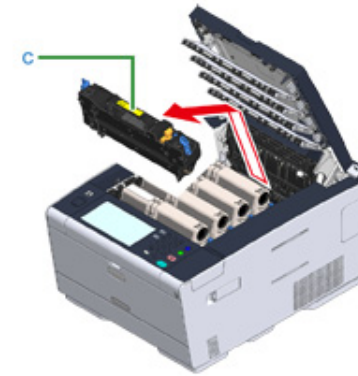
 CAUTION	Possible to get burned.	
<p>Since the fuser unit gets hot, carry out the operation carefully, and when lifting it up you must hold it by the handle. Do not try to hold it whilst it is hot. Wait until it has cooled down and then carry out the operation.</p>		



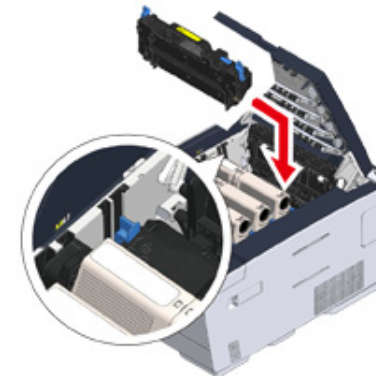
- 3 Tilt forward the fuser unit lock levers (b) to unlock.



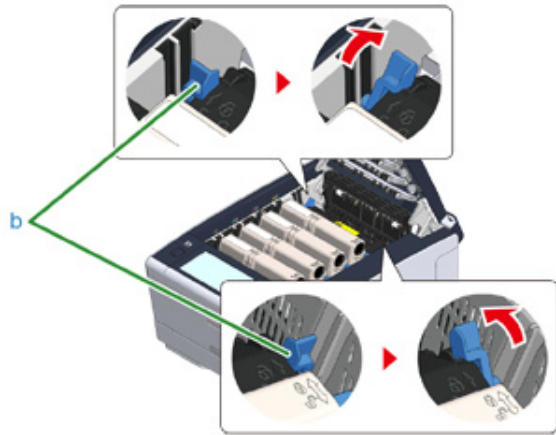
- 4 Hold the fuser unit handle (c) and lift the fuser unit out of the machine.



- 5 Hold the handle of a new fuser unit, align the fuser unit to the grooves behind the toner cartridges, place the fuser unit into the machine.



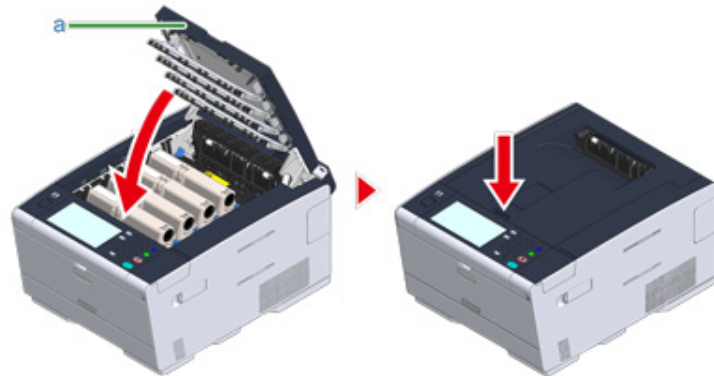
6 Tilt back the fuser unit lock levers (b) to lock.



7 Close the output tray (a) slowly and push the center of the tray for confirmation.



Do not touch the LED head when closing the output tray.



8 Please recycle fuser unit.



If you must dispose of a fuser unit, put it in a plastic bag or similar container and dispose of it in accordance with your municipality's ordinances or guidelines.

Cleaning Each Part of the Machine

This section describes how to clean the machine and parts.


- Cleaning the Surface of the Machine
- Cleaning the Paper Feed Rollers (Tray 1/Tray 2/Tray 3)
- Cleaning the Paper Feed Rollers (MP Tray)

Cleaning the Surface of the Machine



- Do not use benzine, thinners, or alcohol, because they may damage the plastic parts of the machine.
- Do not lubricate the machine with oil. Do not apply oil.

1 Turn the machine off.

 [Turning the Machine Off \(User's Manual\)](#)

2 Wipe the surface of the machine with a soft cloth that has been slightly moistened with water or neutral detergent and then squeezed well.



Do not use other than water or neutral detergent.



3 Dry the surface of the machine with a dry soft cloth.

Cleaning the Paper Feed Rollers (Tray 1/Tray 2/Tray 3)

Clean the separation roller in the paper cassette and the paper feed rollers inside the machine.

An example of Tray 1 is covered in the following procedure, and the same procedure applies to Tray 2/3.

- 1 Pull out the paper cassette.

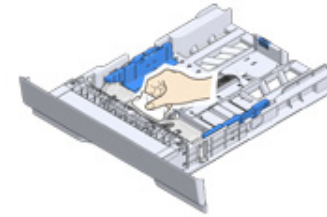


- 2 Wipe the two paper feed rollers inside the machine with a wet cloth that has been wrung out well.



- 3 Remove paper loaded in the paper cassette.

- 4 Wipe the separation roller on the paper cassette with a wet cloth that has been wrung out well.



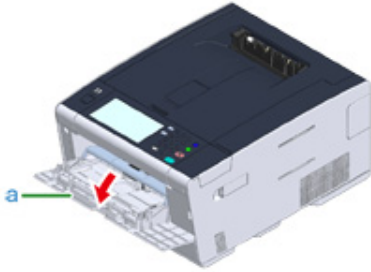
- 5 Load paper in the paper cassette and insert the paper cassette into this machine.



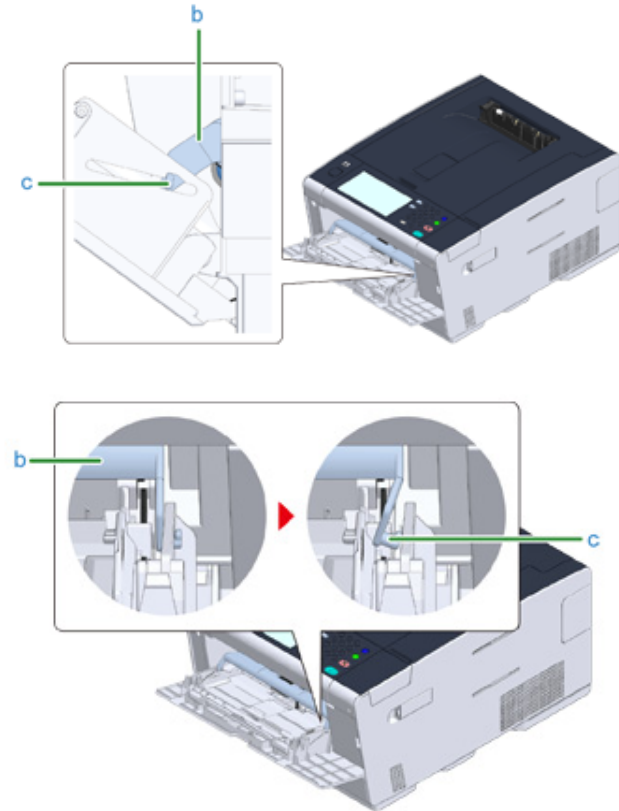
Cleaning the Paper Feed Rollers (MP Tray)

Clean the paper feed rollers in the MP tray.

- 1 Open the MP tray (a) forward by inserting your fingers into the front recess.

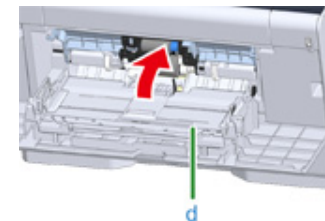


- 2 Slightly lifting the MP tray (a), press the right arm (b) inward, then unlock the tab (c).



- 3 In the same manner, slightly lifting the MP tray, press the left arm inward, then unlock the tab.

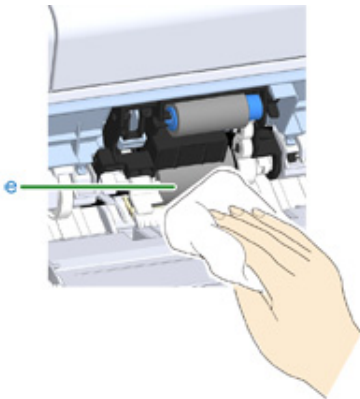
- 4 Open the paper set cover (d) until it touches to the machine body.



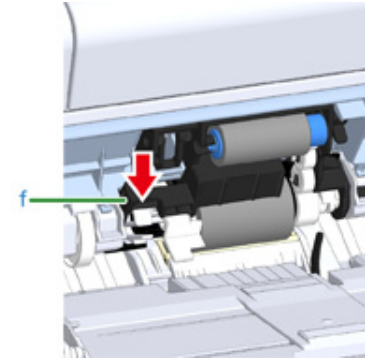
- 5 Wipe the feeding rollers.



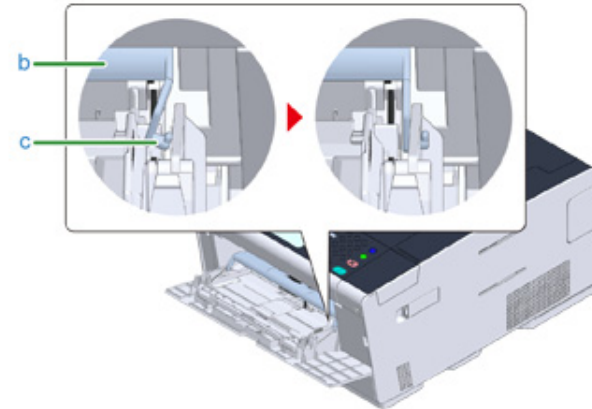
- 6 Keep pressing the center of the MP tray, wipe the separation roller (e) with a wet cloth that has been wrung out well.



- 7 Close the separation roller cover (f).



- 8 While pressing the right arm (b) on the MP tray (a) inward, slightly lift the MP tray (a) and hook the tab (c).



Closing the MP tray without putting the tab back in place may crack the paper set cover. Be sure to put it back in place.

- 9 In the same manner, while pressing the left arm on the MP tray inward, slightly lift the MP tray and hook the tab.

10 Close the MP tray (a).

If the MP tray cannot be closed, press the paper setting part of the MP tray downward to put the paper set cover back in place.



Updating Installed Drivers

This section describes how to update driver that is installed in a computer. You must have the administrator rights for the computer to complete this procedure.

-
- Updating the Printer Driver (Windows)
 - Updating the Printer Driver (Mac OS X)
-

Updating the Printer Driver (Windows)

Check details on the latest driver on the Oki Data Web site.



You must log in as the administrator to perform this procedure.

- 1 Double-click the downloaded file.



If the [User Account Control] dialog box is displayed, click [Yes].

- 2 Select a language, and then click [OK].
- 3 Read the license agreement, and then click [Agree].
- 4 Install the driver by following the instructions.
If the driver of the previous version is already installed, the screen to select updating will be displayed. Follow the instructions.
Also, rebooting the computer may be required before updating the driver.
- 5 If the [Program Capability Assistant] dialog box is displayed after installation, be sure to click [This program installed correctly].

Updating the Printer Driver (Mac OS X)

Check details on the latest driver on the Oki Data Web site.



You must log in as the administrator to perform this procedure.

1 Remove the driver.

[Removing the Printer Driver \(Mac OS X\)](#)

2 Install a new driver.

[Installing a Driver and Software to a Computer \(User's Manual\)](#)

Removing Installed Driver

This section describes how to remove the driver that is installed in a computer. You must have the administrator rights for the computer to complete this procedure.

- Removing the Printer Driver (Windows)
- Removing the Printer Driver (Mac OS X)

Removing the Printer Driver (Windows)



- You must log in as the administrator to perform this procedure.
- Restart the computer before removing the driver.

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the [OKI C542] icon, and then select [Remove device].
If the icons are grouped, select [Remove Print Queue] > [OKI C542 *].
* Refers to the driver type to remove (ex. PCL6/PS/XPS)
- 3 When a confirmation message is displayed, click [Yes].



When a message is displayed to inform you of the device in use, restart a computer, and then repeat steps 1 to 2.

- 4 Select an icon in [Printers and Faxes], and then click [Print server properties] on the top bar.
- 5 Select the [Drivers] tab.
- 6 If [Change Driver Settings] is displayed, click it.
- 7 Select a driver to remove, and then click [Remove].
- 8 When a message is displayed to ask you to select whether you want to remove the driver only or the driver and package from the system, select to remove the driver and package, and then click [OK].
- 9 When a confirmation message is displayed, click [Yes].
- 10 When the [Remove Driver Package] dialog box is displayed, click [Delete] > [OK].



If removal is rejected, restart the computer, and then repeat steps 4 to 10.

- 11 Click [Close] in the [Print Server Properties] dialog box.
- 12 Restart the computer.

Removing the Printer Driver (Mac OS X)

- For Mac OS X 10.9 to 10.11
- For Mac OS X 10.8.5



You must log in as the administrator to perform this procedure.

For Mac OS X 10.9 to 10.11

- 1 Select [System Preferences] from the Apple menu.
- 2 Select [Printers & Scanners].
- 3 Select a device to remove, and then click [-].
If a confirmation message is displayed, click [Delete Printer].
- 4 Close the [Printers & Scanners] dialog box.
- 5 Insert the "Software DVD-ROM" into a computer.
- 6 Double-click [OKI] > [Drivers] > [PS] > [Uninstaller].
- 7 Follow the on-screen instructions, enter the administrator password, and then click [OK] until the uninstallation procedure is complete.
- 8 Remove the "Software DVD-ROM" from the computer.

For Mac OS X 10.8.5

- 1 Select [System Preferences] from the Apple menu.
- 2 Select [Print & Scan].
- 3 Select a device to remove, and then click [-].
If a confirmation message is displayed, click [Delete Printer].
- 4 Close the [Print & Scan] dialog box.

- 5 Insert the "Software DVD-ROM" into a computer.
- 6 Double-click [OKI] > [Drivers] > [PS] > [Uninstaller].
- 7 Follow the on-screen instructions, enter the administrator password, and then click [OK] until the uninstallation procedure is complete.
- 8 Remove the "Software DVD-ROM" from the computer.

Updating Firmware

You can update the firmware of your machine to the latest version through the Internet.

For details, visit the Oki data web site.

Initializing Memory and Settings

This section describes how to initialize memory and settings saved in the machine.

- Initializing Flash Memory
- Initializing the Settings of the Device

Initializing Flash Memory


Saved e-mail templates and other data are stored in memory.

Initialize memory by following the procedure below.



When you initialize memory, the following data is deleted.

- The job data saved with [Shared Print] or [Private Print].
- Custom demo data
- Form data

- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press ▲ or ▼ several times and press [Management].
- 5 Press [Storage Maintenance Setup].
- 6 Press [Initial Lock] to change the display to [Disable].
- 7 Press [Back].
- 8 Press [Flash Memory Setup].
- 9 Press [Initialize] or [Format].
 Select from 2 ways of initializing memory.
 - [Initialize]: Initializes the range of open area of Flash (displayed on File List).
 - [Format Partition]: Initializes user information. You can format the PCL/Common/PS partitions respectively.
- 10 Press [Yes] on the confirmation screen.

Initializing the Settings of the Device

You can return the configured settings of the device the following settings will return to the factory default settings.



• When you initialize the settings of the device, the following data is deleted.

- Admin Password
- Paper Setup settings
- Print Setup settings
- Data saved to shortcut keys
- Data saved to the home screen
- Management settings
- User Install settings

1 Press [Device Settings] on the touch panel.

2 Press ▲ or ▼ several times and press [Admin Setup].

3 Enter the administrator name and password and press [OK].

The factory default administrator name and password are "admin" and "999999" respectively.

4 Press ▲ or ▼ several times and press [Management].

5 Press [Reset Settings].

A message is displayed confirming you that continuing automatically restarts the system. Select [Yes] to continue.

4

Troubleshooting

If the STATUS Button on the Operator Panel Lights Up or Flashes

Print Problems

About Problems with Printing Results

Problems about Software


Problems on the Machine or Paper

AirPrint Problems

Google Cloud Print Problems

If the STATUS Button on the Operator Panel Lights Up or Flashes

If any problem occurs in this machine, the  (STATUS) button lights up or flashes. Press the  (STATUS) button, and check the problem status.

- 1 Press the  (STATUS) button.
- 2 Press [System Status].
- 3 Select an item.

Print Problems

This section describes problems with printing from a computer.





- If you cannot solve a problem with the following solutions, contact your dealer.
- For problems caused by an application, contact the manufacturer of the application.



- Network Connection Problems
- Wireless LAN Connection Problems
- USB Connection Problems

Network Connection Problems

• Common to Windows and Mac OS X




Cause	Solution	Reference
Using a cross cable.	Use a straight cable.	-
The machine was turned on before a cable was connected.	Connect cables before turning the machine on.	 Connecting This Machine to a Computer (User's Manual)
There is a problem with the compatibility with the hub.	On the touch panel, press [Device Settings], select [Admin Setup] > [Network Menu] > [Network Setup] > [Network Setting] > [HUB Link Setting], and then change the setting.	-
The network connection setting is incorrect.	To connect to a wired network, set [Wired] for the network connection to [Enable].	 Connecting This Machine to a Computer (User's Manual)

• For Windows



Cause	Solution	Reference
The IP address is incorrect.	<ul style="list-style-type: none"> • Check that the same IP address is set for the machine and the machine's port setting on the computer. • Check that the IP address is not duplicated by another device. • Check that the correct IP address, subnet mask, and gateway address are set. • If using OKI LPR Utility, check the IP address setting with OKI LPR Utility. 	 Easy Setup  OKI LPR Utility
All pages are not printed.	If you are using the WSD port, change it to the standard TCP/IP port.	-

Wireless LAN Connection Problems

• Common to Windows and Mac OS X



Cause	Solution	Reference
The network connection setting is incorrect.	<ul style="list-style-type: none"> • [Wireless(Infrastructure)] and [Wireless(AP Mode)] cannot be enabled at the same time. • To connect using [Wireless(Infrastructure)], set [Wireless(AP Mode)] to [Disable], and then set [Wireless(Infrastructure)] to [Enable]. • To connect using [Wireless(AP Mode)], set [Wireless(Infrastructure)] to [Disable], and then set [Wireless(AP Mode)] to [Enable]. 	 Connecting This Machine to a Computer (User's Manual)
[Wireless(Infrastructure)] Not connected to a wireless access point. (If wireless LAN module is fitted)	<ul style="list-style-type: none"> • Check that the wireless access point power is switched on. • Check the wireless access point settings, and then try the manual settings or automatic settings. • Restart the wireless LAN function. • On the touch panel, press [Device Settings], select [Admin Setup] > [Network Menu] > [Network Setup] > [Wireless Setting], and then select [Wireless reconnection]. • Install this machine in a place with a good view and near a wireless access point. (We suggest that the distance between the machine and the access point be 30 m or less.) If there is metal, aluminum sash, or a reinforced concrete wall between the machine and wireless access points, connections may be harder to be established. Do not place any electric appliances that emit weak radio waves (such as microwaves or digital cordless telephones) close to the machine. 	 Connecting This Machine to a Computer (User's Manual)
[Wireless(AP Mode)] No wireless devices (computers, tablets, smartphones) are connected.	<ul style="list-style-type: none"> • Make sure that [Wireless(AP Mode)] on the machine is set to [Enable]. • Confirm the SSID/password for the machine and try Manual Setup. • Make a setting in a location near the machine with good visibility. • Up to four devices can be connected to the machine via the wireless LAN (AP mode). The fifth device will be rejected. Disconnect at least one device and try again. 	 Connecting This Machine to a Computer (User's Manual)

• For Windows



Cause	Solution	Reference
The IP address is incorrect.	<ul style="list-style-type: none"> • Check that the same IP address is set for the machine and the machine's port setting on the computer. • Check that the IP address is not duplicated by another device. • Check that the correct IP address, subnet mask, and gateway address are set. • If using OKI LPR Utility, check the IP address setting with OKI LPR Utility. 	 Easy Setup  OKI LPR Utility
All pages are not printed.	If you are using the WSD port, change it to the standard TCP/IP port.	-

USB Connection Problems

• Common to Windows and Mac OS X

Cause	Solution	Reference
An unsupported USB cable is used.	Use a USB 2.0 cable.	-
A USB hub is used.	Directly connect the machine to the computer.	 Connecting with a USB Cable (User's Manual)
A printer driver is not installed correctly.	Reinstall the printer driver.	 Installing a Driver and Software to a Computer (User's Manual)

• For Windows

Cause	Solution	Reference
[USB Assignment] is set to [IPP].	On the touch panel, press [Device Settings], and then select [AdminSetup] > [Management] > [Local Interface] > [USB Menu] > [USB Assignment] > [Legacy].	 Management
The machine is offline.	Right-click the [OKI C542] icon on the [Devices and Printers] folder, and then select [See print jobs] (if multiple drivers are installed, select [OKI C542 *]). In the dialog box, select the [Printer] menu and then clear the check of [Use Printer Offline]. * Select the required driver type.	-
A switch, buffer, extension cable, or USB hub is used.	Directly connect the machine to the computer.	 Connecting with a USB Cable (User's Manual)
Another printer driver that works when connected via a USB interface is installed.	Remove the other printer driver from the computer.	-

About Problems with Printing Results

This section describes problems with print results.

Click the corresponding symptom and check the remedy.



If you cannot solve a problem with the following solutions, contact your dealer.

- Table of Problems with Printing Results
- Vertical White Lines Appear
- Printed Images are Fading Vertically
- Printed Images are Light
- White Spots and Lines Appear
- Dew Condensation Appears on Printed Paper
- Vertical Lines Appear
- Horizontal Lines and Spots Appear Periodically
- White Area on Paper is Lightly Stained
- The Periphery of Characters is Smudged
- The Entire Paper Area is Lightly Stained When Printing on Envelopes or Coated Paper
- Toner Comes Off When Printed Paper is Rubbed
- Uneven Gloss
- Black or White Dots Appear
- Dirt is Printed
- The Entire Page is Printed Black
- Nothing is Printed
- White Patches Appear
- The Peripheral Area of the Page is Dirty
- Color of the printed image is not what you expect
- Solid printing of CMY 100% is too light

Table of Problems with Printing Results








Table of Examples of Problems	
<p>Vertical White Lines Appear</p>  <p>Paper feeding direction</p>	<p>Printed Images are Fading Vertically</p>  <p>Paper feeding direction</p>
<p>Printed Images are Light</p> 	<p>White Spots and Lines Appear</p> 
<p>Dew Condensation Appears on Printed Paper</p>	<p>Vertical Lines Appear</p>  <p>Paper feeding direction</p>
<p>Horizontal Lines and Spots Appear Periodically</p>  <p>Paper feeding direction</p>	<p>White Area on Paper is Lightly Stained</p> 








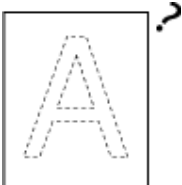



Table of Examples of Problems	
<p>The Periphery of Characters is Smudged</p> 	<p>The Entire Paper Area is Lightly Stained When Printing on Envelopes or Coated Paper</p> 
<p>Toner Comes Off When Printed Paper is Rubbed</p> 	<p>Uneven Gloss</p> 
<p>Black or White Dots Appear</p> 	<p>Dirt is Printed</p> 
<p>The Entire Page is Printed Black</p> 	<p>Nothing is Printed</p> 
<p>White Patches Appear</p> 	<p>The Peripheral Area of the Page is Dirty</p> 

Table of Examples of Problems	
<p>Color of the printed image is not what you expect</p>	<p>Solid printing of CMY 100% is too light</p> 

Vertical White Lines Appear



Cause	Solution	Reference
The LED head is dirty.	Wipe the LED head with a soft tissue paper.	Cleaning the LED Head (User's Manual)
The toner is low.	If "Toner Low" or "Toner Empty. Replace with new Toner Cartridge." appears, replace the toner cartridge.	Replacing the Toner Cartridges (User's Manual)
The lightproof film of the image drum is dirty.	Wipe the lightproof film with a soft tissue paper.	-
The image drum is not installed properly.	Install the image drum properly.	Replacing the Image Drum (User's Manual)
There may be foreign objects in the image drum.	Replace the image drum.	Replacing the Image Drum (User's Manual)

Printed Images are Fading Vertically



Cause	Solution	Reference
The LED head is dirty.	Wipe the LED head with a soft tissue paper.	Cleaning the LED Head (User's Manual)
The toner is low.	If "Toner Low" or "Toner Empty. Replace with new Toner Cartridge." appears, replace the toner cartridge.	Replacing the Toner Cartridges (User's Manual)
The paper is unsuitable.	Use recommended paper.	Loading Paper (User's Manual)

Printed Images are Light



Cause	Solution	Reference
The toner is low.	If "Toner Low" or "Toner Empty. Replace with new Toner Cartridge." appears, replace the toner cartridge.	Replacing the Toner Cartridges (User's Manual)
The paper is damp.	Use paper stored under proper temperature and humidity conditions.	Loading Paper (User's Manual)
The paper is unsuitable.	Use recommended paper.	Loading Paper (User's Manual)
The settings of the media weight is incorrect.	On the touch panel, press [Device Settings], select [Paper Setup] > the paper tray you are using, and then select the proper values for [Media Type] and [Media Weight]. Or, select a thicker values for [Media Weight].	Loading Paper (User's Manual)
Recycled paper is used.	On the touch panel, press [Device Settings], and then select [Paper Setup] > the paper tray you are using, and then make the [Media Weight] value thicker.	Loading Paper (User's Manual)

White Spots and Lines Appear



Cause	Solution	Reference
The paper is damp or dry.	Use paper stored under proper temperature and humidity conditions.	Loading Paper (User's Manual)

Dew Condensation Appears on Printed Paper

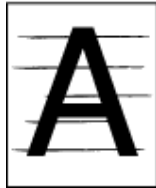
Cause	Solution	Reference
The paper is damp.	Use paper stored under proper temperature and humidity conditions.	Loading Paper (User's Manual)
The machine is printing when the temperature and humidity conditions are high.	Use the machine under proper temperature and humidity conditions.	Installation Requirements (User's Manual)

Vertical Lines Appear



Cause	Solution	Reference
The toner is low.	If "Toner Low" or "Toner Empty. Replace with new Toner Cartridge." appears, replace the toner cartridge.	Replacing the Toner Cartridges (User's Manual)
The image drum is damaged.	Replace the image drum.	Replacing the Image Drum (User's Manual)

Horizontal Lines and Spots Appear Periodically



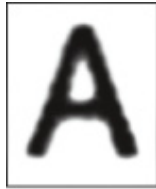
Cause	Solution	Reference
If the intervals of lines or spots are approximately 94 mm (3.7 inches), the green tube of the image drum is damaged or dirty.	Lightly wipe the image drum with a soft tissue paper. Replace the image drum if it is damaged.	Replacing the Image Drum (User's Manual)
If the intervals of lines or spots are approximately 30 mm (1.2 inches), there may be foreign objects in the image drum.	Open and close the output tray, and then print again.	-
The image drum has been exposed to light.	Place the image drum back into the machine, and then do not use for a few hours. If the problem persists, replace the image drum.	Replacing the Image Drum (User's Manual)

White Area on Paper is Lightly Stained



Cause	Solution	Reference
The paper has a static charge.	Use paper stored under proper temperature and humidity conditions.	Loading Paper (User's Manual)
The paper is too thick.	Use thinner paper.	Loading Paper (User's Manual)
The toner is low.	If "Toner Low" or "Toner Empty. Replace with new Toner Cartridge." appears, replace the toner cartridge.	Replacing the Toner Cartridges (User's Manual)

The Periphery of Characters is Smudged



Cause	Solution	Reference
The LED head is dirty.	Wipe the LED head with a soft tissue paper.	Cleaning the LED Head (User's Manual)
The paper is unsuitable.	Use recommended paper.	Loading Paper (User's Manual)
The paper is damp.	Replace the damp paper with new paper.	Loading Paper (User's Manual)

The Entire Paper Area is Lightly Stained When Printing on Envelopes or Coated Paper



Cause	Solution	Reference
The toner may stick to the whole area of the envelope or coated paper.	This is not a malfunction. Coated paper is not recommended.	-

Toner Comes Off When Printed Paper is Rubbed



Cause	Solution	Reference
The settings of the media type and weight are incorrect.	On the touch panel, press [Device Settings], select [Paper Setup] > the paper tray you are using, and then select the proper values for [Media Weight]. Or, select a thicker value for [Media Weight].	Loading Paper (User's Manual)
Recycled paper is used.	On the touch panel, press [Device Settings], select [Paper Setup] > the paper tray you are using, and then select a thicker value for [Media Weight].	Loading Paper (User's Manual)
The envelope lever remains attached.	Remove the envelope lever.	Printing on Envelopes

Uneven Gloss



Cause	Solution	Reference
The settings of the media type and weight are incorrect.	On the touch panel, press [Device Settings], select [Paper Setup] > the paper tray you are using, and then select the proper value for [Media Weight]. Or, select a thicker value for [Media Weight].	Loading Paper (User's Manual)

Black or White Dots Appear



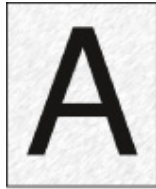
Cause	Solution	Reference
The paper is unsuitable.	Use recommended paper.	Loading Paper (User's Manual)
If the intervals of lines or spots are approximately 94 mm (3.7 inches), the green tube of the image drum is damaged or dirty.	Lightly wipe the image drum with a soft tissue paper. Replace the image drum if it is damaged.	Replacing the Image Drum (User's Manual)

Dirt is Printed



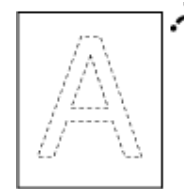
Cause	Solution	Reference
The paper is damp.	Replace the damp paper with new paper.	Loading Paper (User's Manual)
The paper is unsuitable.	Use recommended paper.	Loading Paper (User's Manual)


The Entire Page is Printed Black



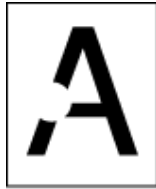
Cause	Solution	Reference
A malfunction may occur in the machine.	Contact your dealer.	-

Nothing is Printed



Cause	Solution	Reference
Two or more sheets of paper are fed at the same time.	Fan the paper well and load the paper again.	 Loading Paper (User's Manual)
A malfunction may occur in the machine.	Contact your dealer.	-

White Patches Appear









Cause	Solution	Reference
The paper is damp.	Replace the damp paper with new paper.	Loading Paper (User's Manual)
The paper is unsuitable.	Use recommended paper.	Loading Paper (User's Manual)

The Peripheral Area of the Page is Dirty



Cause	Solution	Reference
The document is not reduced at the rate that suits the paper size.	Reduce the document at the rate that suits the paper size.	Enlarging or Reducing to Fit the Specified Paper Size

Color of the printed image is not what you expect

Cause	Solution	Reference
The toner is low.	If "Toner Low" or "Toner Empty. Replace with new Toner Cartridge." appears, replace the toner cartridge.	 Replacing the Toner Cartridges (User's Manual)
The setting of [Black Finish] is not suitable for the application.	On the printer driver, select [Composite Black (CMYK)] of [True Black (K)] for [Black Finish].	 About Screens and Functions of Each Printer Driver (User's Manual)
The color adjustment has been modified.	Do color matching from the printer driver.	 Using Color Matching on Printer Driver
The color balance is out of adjustment.	On the touch panel, press [Device Settings] > [Admin Setup] > [Color Setup], and adjust density or color balance.	 Correcting Density Manually  Adjusting Color Balance (Density)
Color registration is out of alignment.	Open and close the output tray. Or, on the touch panel, press [Device Settings] > [Admin Setup] > [Color Setup], and then [Adjust Registration].	 Print Setup

Solid printing of CMY 100% is too light



Cause	Solution	Reference
[CMY100% Density] is set to [Disable].	On the touch panel, press [Device Settings] > [Admin Setup] > [Color Setup] > [CMY100% Density], and then select [Enable].	-

Problems about Software

This section describes problems with software.

- Problems on Configuration Tool
- Problems on a Web Browser
- Problems on Other Software
- About Restrictions on Each OS


Problems on Configuration Tool

• [User Setting] tab




- Cloning

Symptom	Cause/Solution	Reference
A copy destination device is not displayed on the screen.	The model name of the copy destination device is different. Cloning functions only between the devices with the same model name. Check the model name of the copy destination device.	-
If multiple devices are specified as copy destinations, copying cannot be made to some of the devices.	The entered administrator password is different from the administrator password of the device to which copying cannot be made. Check the administrator password of the device to which copying cannot be made.	-

• [Alert Info] tab

Symptom	Cause/Solution	Reference
Cannot enable an alert on the [Alert Info(Detect and notify of device events)] screen	[Save the Log setup] in this machine is disabled. Follow the procedure below: 1. On the touch panel, press [Device Settings], select [Admin Setup] > [Management] > [Job Log Setup] > [Save Job Log], and then select [Enable]. 2. Press [Yes] on the confirmation screen to reboot the machine. 3. Click [Update device] on the [Alert Info(Detect and notify of device events)] screen.	 Management

Problems on a Web Browser



Symptom	Cause/Solution	Reference
Unable to connect with the machine	A LAN cable is unplugged. Check that the cable is plugged into the machine and computer properly.	 Connecting This Machine to a Computer (User's Manual)
	The IP address is incorrect. Check the IP address of the machine and enter it correctly.	 Open the Web Page of This Machine
Unable to edit/delete a profile	The profile is assigned to job macro. Delete the job macro.	 JOB MACRO
	The profile is assigned to auto delivery/transmission data save setting. Change the auto delivery/transmission data save setting so that it doesn't use the profile.	-

Problems on Other Software



- If you cannot solve a problem with the following solutions, contact your dealer.
- For problems caused by an application, contact the manufacturer of the application.

• USB Connection Problems (For Windows)

Symptom	Cause/solution	Reference
An icon for the machine is not created on the [Devices and Printers] folder.	The printer driver is not installed correctly. Reinstall the printer driver correctly.	 Installing a Driver and Software to a Computer (User's Manual)
When a printer driver is already installed, another printer driver cannot be installed.	Perform [Custom Install] by following the procedure described in the reference.	 Installing a Driver and Software to a Computer (User's Manual)
The [Unable to install printer driver] error message is displayed.	Use Plug-and-Play. Follow the procedure below: 1. Check that the machine and computer are turned off. 2. Connect a USB cable. 3. Turn the machine on. 4. Turn the computer on. 5. When the [Found New Hardware Wizard] is displayed, follow the on-screen instructions to complete the setup.	-

About Restrictions on Each OS

- Windows 10/Windows 8.1/Windows 8/Windows Server 2012 R2/Windows Server 2012/Windows 7/Windows Vista/Windows Server 2008 R2/Windows Server 2008

This chapter describes about the restrictions for the printer drivers or utilities.

Windows 10/Windows 8.1/Windows 8/Windows Server 2012 R2/Windows Server 2012/Windows 7/Windows Vista/Windows Server 2008 R2/Windows Server 2008

• Printer driver

Symptom	Cause/solution
[Help] is not displayed.	The Help function is not supported.
The [User Account Control] dialog box is displayed.	When you start an installer or utility, the [User Account Control] dialog box may be displayed. Click [Yes] or [Continue] to run the installer or utility as the administrator. If you click [No] or [Cancel], the installer or utility does not start.

• Network Extension

Symptom	Cause/solution
[Help] is not displayed.	The Help function is not supported.
The [User Account Control] dialog box is displayed.	When you start an installer or utility, the [User Account Control] dialog may be displayed. Click [Yes] or [Continue] to run the installer or utility as the administrator. If you click [No], the installer or utility does not start.
The [Program Capability Assistant] dialog box is displayed.	If the [Program Capability Assistant] dialog box is displayed after installation (including if you stop installation before it is complete), be sure to click [This program installed].

• Color Correct Utility

Symptom	Cause/solution
The [User Account Control] dialog box is displayed.	When you start an installer or utility, the [User Account Control] dialog may be displayed. Click [Yes] or [Continue] to run the installer or utility as the administrator. If you click [No], the installer or utility does not start.

Symptom	Cause/solution
The [Program Capability Assistant] dialog box is displayed.	If the [Program Capability Assistant] dialog box is displayed after installation (including if you stop installation before it is complete), be sure to click [This program installed correctly].

• Color Swatch Utility

Symptom	Cause/solution
The [User Account Control] dialog box is displayed.	When you start an installer or utility, the [User Account Control] dialog may be displayed. Click [Yes] or [Continue] to run the installer or utility as the administrator. If you click [No], the installer or utility does not start.
The [Program Capability Assistant] dialog box is displayed.	If the [Program Capability Assistant] dialog box is displayed after installation (including if you stop installation before it is complete), be sure to click [This program installed correctly].

• PS Gamma Adjuster

Symptom	Cause/solution
The [User Account Control] dialog box is displayed.	When you start an installer or utility, the [User Account Control] dialog may be displayed. Click [Yes] or [Continue] to run the installer or utility as the administrator. If you click [No], the installer or utility does not start.
The [Program Capability Assistant] dialog box is displayed.	If the [Program Capability Assistant] dialog box is displayed after installation (including if you stop installation before it is complete), be sure to click [This program installed correctly].

• Configuration Tool

Symptom	Cause/solution
The [User Account Control] dialog box is displayed.	When you start an installer or utility, the [User Account Control] dialog may be displayed. Click [Yes] or [Continue] to run the installer or utility as the administrator. If you click [No], the installer or utility does not start.

Problems on the Machine or Paper

This section describes problems with the machine and paper.

- Problems on the Machine
- Problems on Document and Paper
- If a Power Failure Occurs
- Before Relinquishing Your Device

Problems on the Machine




If you cannot solve a problem with the following solutions, contact your dealer.

- **Nothing is displayed on the display screen after turning the machine on.**

Cause	Solution	Reference
The power cord is unplugged.	Turn the machine off, and then plug in the power cord firmly.	-
The power is out.	Check whether the power is supplied to the outlet.	-

- **The machine does not operate.**

Cause	Solution	Reference
The power cord is not firmly plugged in.	Plug in the power cord firmly.	-
The machine is turned off.	Turn the machine on.	 Turning the Machine On (User's Manual)

- **The power switch LED lamp quickly flashes at approximately 0.3-second intervals.**




Cause	Solution	Reference
A malfunction may occur in the machine.	Unplug the power cord immediately, and then contact your dealer. 	-




- The power switch LED lamp and the  (POWER SAVE) button light and nothing is displayed on the touch panel.

Cause	Solution	Reference
The screen saver screen is displayed on the touch panel.	Touch the touch panel.	-




- The output tray cannot be closed.

Cause	Solution	Reference
The belt unit and image drums are not properly installed.	Remove the four image drums and reinstall the belt unit. If the blue locks on the both sides of the belt unit are not locked, the output tray cannot be closed.	 Replacing the Belt Unit

- The machine does not start printing.

Cause	Solution	Reference
An error is displayed.	Check the error code, and then follow the on-screen instructions.	 Error Message List (User's Manual)
A LAN cable or USB cable is unplugged.	Plug in a LAN cable or USB cable firmly.	 Connecting This Machine to a Computer (User's Manual)
There may be a problem with a LAN cable or USB cable.	Use another LAN cable or USB cable.	-
A LAN cable or USB cable does not meet the standard.	<ul style="list-style-type: none"> • Use a USB 2.0 cable. • Use an Ethernet 10BASE-T/100BASE-TX cable. 	-
There may be a problem with the print function.	On the touch panel, press [Device Settings], select [Reports] > [Configuration], and print out the configuration list to check the printing performance.	 Checking the Information of the Machine
A communication protocol is disabled.	On the touch panel, press [Device Settings], select [Admin Setup] > [Network Menu] > [Network Setup] > [Network Setting], and then enable the communication protocol that you are using.	-
A printer driver is not selected.	Set the printer driver of the machine as the default printer.	-
The output port of the printer driver is incorrect.	Specify the output port for connecting a LAN cable or USB cable.	-

- Nothing is displayed on the display screen.

Cause	Solution	Reference
The machine is in Sleep mode or Deep Sleep mode.	Check the  (POWER SAVE) button flashes, and then start the machine by pressing the  (POWER SAVE) button.	 Saving Power Consumption with the Power Save Function (User's Manual)

- Print data is not sent.

Cause	Solution	Reference
A LAN cable or USB cable is damaged.	Connect a new cable.	-
The time-out period set on the computer has elapsed.	Set a longer time-out period.	-


- There is an abnormal sound.

Cause	Solution	Reference
The machine is inclined.	Place the machine on a flat surface.	-
There are waste paper or foreign objects inside the machine.	Check inside the machine, and then remove any objects.	-
The output tray is opened.	Close the output tray.	-

- There is a buzzing sound.


Cause	Solution	Reference
The machine is printing on heavy or light paper when the temperature inside is high.	This is not a malfunction. You can proceed with the operation.	-

- The machine does not start printing immediately.

Cause	Solution	Reference
The machine is warming up to exit Power Save, Sleep mode, or Deep Sleep mode.	<p>You can set to extend the time of period for entering Power Save mode, Sleep mode or Deep Sleep mode by following the procedure below.</p> <p>On the touch panel, press [Device Settings], and then select [Management] > [Power Save] > [Power Save Time] > [Sleep Time].</p>	 Saving Power Consumption with the Power Save Function (User's Manual)
The machine may be cleaning the image drum.	Wait for a while.	-
The machine is adjusting the temperature of the fuser unit.	Wait for a while.	-

Cause	Solution	Reference
The machine is processing data from another interface.	Wait until printing is completed.	-

• **Even if the [Density] setting is changed, printing results do not change.**

Cause	Solution	Reference
The settings for [RGB] are changed.	The [Density] setting goes together with the [RGB] setting. They move within an appropriate range.	 Adjusting Color Balance (Density)

• **Printing stops halfway.**

Cause	Solution	Reference
The temperature inside the machine rises due to continuous printing for a long time, resulting in the temperature being adjusted.	Wait for a while. When the machine reaches the suitable temperature, printing restarts automatically.	-

• **The specified settings such as the time setting have been erased.**

Cause	Solution	Reference
The machine is left turned off for a long time, or turn the machine on and off every time you use the machine.	The battery may reach its lifetime. Contact your dealer.	-

• **Free space in memory is insufficient.**

Cause	Solution	Reference
The print data is complicated.	Simplify the print data.	-




• **All pages are not printed.**

Cause	Solution	Reference
The WSD port is used.	Change the print port to Standard TCP/IP Port.	-


• **Printing is slow.**

Cause	Solution	Reference
Printing process is also processed in the computer.	Use a computer with faster processing speed.	-
You have selected [High Quality (Multiple tones)] on the [Print Job Options] tab of the printer driver.	Select [Fine / Detail (600x1200)] or [Normal (600x600)] on the [Job Options] tab of the printer driver.	-
The print data is complicated.	Simplify the print data.	-



• **The printer driver is not correctly displayed.**

Cause	Solution	Reference
The printer driver may not be operating correctly.	Uninstall the printer driver, and then install it again.	 Removing the Printer Driver (Windows)  Removing the Printer Driver (Mac OS X)  Installing Software

• **The machine turns off automatically.**

Cause	Solution	Reference
If the machine is not used for a certain period of time (the factory default is 4 hours), the machine turns off automatically. This function is called Auto Power Off.	On the touch panel, press [Device Settings], select [Admin Setup] > [User Install] > [Power Setup] > [Auto Power Off], and then disable the function.	 Saving Power Consumption with the Power Save Function (User's Manual)

• **The web page does not open.**

Cause	Solution	Reference
The IP address is incorrect.	Check the IP address to the machine, and then enter proper value.	 Open the Web Page of This Machine
The LAN cable is disconnected.	Make sure that the LAN cable is securely connected.	 Connecting This Machine to a Computer (User's Manual)

Problems on Document and Paper



If you cannot solve a problem with the following solutions, contact your dealer.

- **Paper often jams. Multiple sheets of paper are pulled in at the same time. Paper is pulled in at an angle.**

Cause	Solution	Reference
The machine is inclined.	Place the machine on a flat surface.	-
The paper is too light or too heavy.	The paper is too light or too heavy. Use the appropriate paper for the machine.	Loading Paper (User's Manual)
The paper is damp or has a static charge.	Use paper stored under proper temperature and humidity conditions.	Loading Paper (User's Manual)
The paper is wrinkled, folded, or curled.	Use the appropriate paper for the machine. Fix the curled paper.	Loading Paper (User's Manual)
The back side of the paper is printed.	The paper that has been printed once cannot be used in Tray 1 and Tray 2/3. Load the paper in the MP tray for printing.	-
The edges of the paper are not aligned.	Fan a stack of the paper well, and then align the edges of the paper.	Loading Paper (User's Manual)
There is only one sheet of paper in the tray.	Load multiple sheets of paper.	-
You added new paper onto the paper that is already loaded in the tray.	Remove the already loaded paper, stack up it onto the new paper, and then align the edges of all the paper.	Loading Paper (User's Manual)
Paper is loaded at an angle.	For Tray 1 and Tray 2/3, adjust the paper guide and paper stopper to the paper. For the MP tray, adjust the manual feeding paper guide to the paper.	Loading Paper (User's Manual)
Envelopes are loaded in the wrong direction.	Load the envelopes correctly.	Loading Paper (User's Manual)
Paper, envelopes, or labels whose weight is 221 to 256 g/m ² (56 to 95 lb) is loaded in Tray 1 and Tray 2/3.	Load the paper, envelopes, or labels whose weight is 221 to 256 g/m ² (56 to 95 lb) is in the MP tray.	Loading Paper (User's Manual)
The rear output tray is not closed firmly.	Close the rear output tray firmly.	Setting Output Destination

- **Paper is not fed.**

Cause	Solution	Reference
The [Paper Feeding Source] setting on the printer driver is specified incorrectly.	Check the paper tray, and then select the correct tray in [Paper Feeding Source] on the printer driver.	-
The manual feeding is specified on the printer driver.	Load paper in the MP tray, and then select [Start] on the operator panel. Alternatively, disable the [Use MP tray as manual feed] setting on the printer driver.	Printing Manually One by One

- **Paper is not fed from Tray 2/3 (optional).**

Cause	Solution	Reference
Tray 2/3 is not set with the printer driver.	Set Tray 2/3 with the printer driver.	Installing the Additional Tray Unit (User's Manual)

- **Even after the jammed paper was removed, the machine does not work.**

Cause	Solution	Reference
The machine may not start printing until the output tray is opened and closed.	Open and close the output tray.	-

- **Paper is curled. Paper is creased.**

Cause	Solution	Reference
The paper is damp or has a static charge.	Use paper stored under proper temperature and humidity conditions.	Loading Paper (User's Manual)
The paper is light.	On the touch panel, press [Device Settings], select [Paper Setup] > [(tray name)] > [Media Weight], and then specify a lighter weight.	Loading Paper (User's Manual)

- **The paper twists around the rollers in the fuser unit.**


Cause	Solution	Reference
The settings of media weight and type are incorrect.	On the touch panel, press [Device Settings], select [Paper Setup] > [(tray name)] > [Media Type]/[Media Weight], and then specify the appropriate values. Alternatively, specify heavier weight in [Media Weight].	Loading Paper (User's Manual)
The paper is light.	Use heavier paper.	-

Cause	Solution	Reference
There are nearly solid fill on the leading edge of the paper.	Insert a margin into the leading edge of the paper. For duplex printing, insert a margin into the bottom edge of the paper as well.	-





• **The paper twists around the rollers in the belt unit.**

Cause	Solution	Reference
Paper is too light or thin.	Use heavier paper. Or load the paper in the different direction. (If the paper is set in landscape orientation, set the paper in the horizontal orientation.)	-

• **A corner of paper is folded (edge folded).**

Cause	Solution	Reference
Paper is curled.	Use paper stored under proper temperature and humidity conditions.	 Loading Paper (User's Manual)

• **The paper is twinkled when printing on envelopes.**

Cause	Solution	Reference
The envelope lever is not attached.	Attach the envelope lever.	 Printing on Envelopes
The paper is damp.	Use paper stored under proper temperature and humidity conditions.	 Loading Paper (User's Manual)
The machine is printing when the temperature and humidity conditions are high.	Set [High Humid Mode] of [User Install] to [ON] on [Admin Setup].	 User Install
If you cannot solve a problem with the above solutions	Load the envelope with the flap (for gluing) on the printer side, and then set the reverse page orientation (180°) on the printing preferences.	 About Screens and Functions of Each Printer Driver (User's Manual)

If a Power Failure Occurs

• **The operation of the machine**

If a power failure occurs, the machine operates as follows.



- If a power failure occurs, the machine is turned on, it will turn on automatically without pressing the power switch after the power is restored.

If you do not want the machine to turn on automatically after the power is restored, [Device Settings] > [Administrator Setting] > [User Install] > [Power Setup] > Set [Power Supply Return] to [Manual].

- The operation that uses an uninterruptible power supply (UPS) or inverter is not guaranteed. Do not use an uninterruptible power supply (UPS) or inverter.

Machine's Status	Operation
During a reception	The reception stops halfway.
Printing a list	Printing stops halfway. When the power is restored, start the print job again.
Standby	You cannot start printing.

Before Relinquishing Your Device

We highly recommend you to erase registered personal information and saved data in the device before you relinquish the device.

To erase the information, [Device Settings] > [Admin Settings] > [User Install] > Execute [Erase Privacy Data] on the touch panel.

The following information is saved in the device.

Admin Password

Values set to menu items

Private print data

Various histories



Information for the access control, user management (local users, external user cache [LDAP, Kerberos])

AirPrint Problems












- The machine may take a few minutes to connect to a network after turning the machine on. Check that the machine is connected to the network before printing.
- If using Mac OS X or iOS, upgrade to the latest version before use.

• The "No AirPrint Printers Found" message is displayed on an iOS device.

Point to check	Solution	Reference
Is the machine turned on?	Turn the machine on. If the machine is turned on, turn it off and then back on, and then check whether the problem is solved.	 Turning the Machine On or Off (User's Manual)
Is the machine connected to the same network as the iOS device?	Check that the machine is displayed on the print screen of the iOS device. If the machine is not displayed, check the IP address.	 Easy Setup


• Unable to print.

Point to check	Solution	Reference
Is the machine turned on?	Turn the machine on. If the machine is turned on, turn it off and then back on, and then check whether the problem is solved.	 Turning the Machine On or Off (User's Manual)
Is the machine connected to the same network as the iOS device?	Check that the machine is displayed on the print screen of the iOS device. If the machine is not displayed, check the IP address.	 Easy Setup
Is the latest firmware version installed?	Check the firmware version of this machine, and Mac OS and iOS version. If the version of the firmware is not the latest, update to the appropriate version from the OKI web site or Apple web site.	-
Is there paper in the tray?	Check the message informing you that paper runs out.	 Error Message List (User's Manual)  If the STATUS Button on the Operator Panel Lights Up or Flashes



Point to check	Solution	Reference
Is there toner in the toner cartridge?	Check the message informing you that toner runs out.	 Error Message List (User's Manual)  If the STATUS Button on the Operator Panel Lights Up or Flashes
Is AirPrint set to [Enable]?	On the touch panel, press [Device Settings], and check the status of [AirPrint]. When [Disable] is displayed, AirPrint is not available.	-
Is an error displayed?	Check the error message or the  (STATUS) button.	 Error Message List (User's Manual)  If the STATUS Button on the Operator Panel Lights Up or Flashes

Google Cloud Print Problems


- **The machine cannot be registered in Google Cloud Print.**

Point to check	Solution	Reference
Is the machine connected to a network?	Register again from the beginning.	 Setting Google Cloud Print


- **Unable to print.**

Point to check	Solution	Reference
Is the machine registered in Google Cloud Print correctly?	Register the machine in Google Cloud Print correctly.	 Checking Google Cloud Print Registrations  Setting Google Cloud Print
Is there any error in the connection status of the machine?	Open the Web page of this machine, and check the connection by following the procedure below. Select [Admin Setup] > [View Information] > [Network] > [Google Cloud Print], and then check [XMPP Status] and [HTTP Status]. If [Error(error code)] is displayed, refer to "Error code is displayed" in this topic.	-
Do you use a corporate internal network?	Check that the XMPP(5222) port is opened. For detail on the network, contact your network administrator.	-

- **Even after the machine was deleted from Google Cloud Print, the registration information remains on the management screen.**

Point to check	Solution	Reference
Did you delete the registration information with the machine connected to a network?	Delete the machine on the management screen of Google Cloud Print.	 Checking That Deletion is Complete

- **Even after the machine was deleted from Google Cloud Print, the registration information remains in the machine.**






Point to check	Solution	Reference
Did you delete the machine on the management screen of Google Cloud Print?	Delete the registration information from the operator panel of the machine.	 Checking That Deletion is Complete






- **An error code is displayed on the panel**




If an error occurs, the error code (8-digit alphanumeric value) is displayed on the operator panel of the machine. Check the first three characters, or last two digits of the error code, and then follow the procedure of the error code list.

- Error code list

An "x" in the error code list means any alphanumeric characters.

Error code	Solution	Reference
00000000	The machine is operating normally.	-
10axxx13	A connection error with the HTTP server (server authentication error). Access the Web page (http://(IP address of this machine) of the machine, and then check the imported CA license. Alternatively, update the firmware.	 About Importing the CA Licenses of the Proxy Server
10bxxx13		
10cxxx13		
10axxx16	A connection error with the proxy server (server authentication error). Access the Web page (http://(IP address of this machine) of the machine, and then check the imported CA license. Alternatively, update the firmware.	 About Importing the CA Licenses of the Proxy Server
10bxxx16		
10cxxx16		
103xxx83	A connection error with the XMPP server (server authentication error). Access the Web page (http://(IP address of this machine) of the machine, and then check the imported CA license. Alternatively, update the firmware.	 About Importing the CA Licenses of the Proxy Server
10bxxx83		
103xxx86	A connection error with the proxy server (server authentication error). Access the Web page (http://(IP address of this machine) of the machine, and then check the imported CA license. Alternatively, update the firmware.	 About Importing the CA Licenses of the Proxy Server
10bxxx86		
xxxxxx11	An error with the DNS server has occurred. Check the DNS server setting of the machine.	 Checking Google Cloud Print Registrations

Error code	Solution	Reference
xxxxxx12	Failed to connect to the HTTP server. The connection cannot be established due to your network environment. Check with your network administrator.	-
xxxxxx13	An HTTP server connection error. The connection cannot be established due to your network environment. Check with your network administrator.	-
xxxxxx14	An error with the DNS server has occurred. Check the DNS server setting of the machine or the setting of the proxy server name.	 Checking Google Cloud Print Registrations
xxxxxx15	Failed to connect to the proxy server. Check the proxy server setting of the machine. If the problem cannot be solved, check with your network administrator.	 Checking Google Cloud Print Registrations
xxxxxx16	A proxy server connection error. The connection cannot be established due to your network environment. Check with your network administrator.	 -
xxxxxx17	An authentication error of the proxy server. Check the proxy server setting of the machine. If the problem cannot be solved, check with your network administrator.	 Checking Google Cloud Print Registrations
xxxxxx81	An error with the DNS server has occurred. Check the DNS server setting of the machine.	 Checking Google Cloud Print Registrations

Error code	Solution	Reference
xxxxxx82	Failed to connect to the XMPP server. Check that the XMPP(5222) port is opened. If the problem cannot be solved, check with your network administrator.	-
xxxxxx83	Failed to connect to the XMPP server. Check that the XMPP(5222) port is opened. If the problem cannot be solved, check with your network administrator.	-
xxxxxx84	An error with the DNS server has occurred. Check the DNS server setting of the machine or the setting of the proxy server name.	 Checking Google Cloud Print Registrations
xxxxxx85	Failed to connect to the proxy server. Check the proxy server setting of the machine. If the problem cannot be solved, check with your network administrator.	 Checking Google Cloud Print Registrations
xxxxxx86	A connection error with the proxy server. Check that the XMPP(5222) port is opened. If the problem cannot be solved, check with your network administrator.	-
xxxxxx87	An authentication error of the proxy server. Check the proxy server setting of the machine. If the problem cannot be solved, check with your network administrator.	 Checking Google Cloud Print Registrations

5

Operating Management/Specifications

Administrator Setup

Management Software

User Authentication (Access Control)

Account Management

Moving/Transporting This Machine

This section describes how to manage the machine and its specifications.

Administrator Setup


This section describes how to change items in Admin Setup.

The settings that you can change in [Admin Setup] are as follows.

The factory default administrator name and password are "admin" and "999999", respectively. Use them if any administrator names have not been registered yet.

- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
- 4 Touch an item you want to change, and then change the setting.
- 5 Press [Back] to display the previous screen.

If you have items to change, operate continuously.

When you change all the items, press  (Home).

- Print From USB Memory Setup
- Print Setup
- Network Menu
- Configure Home Screen
- Management
- User Install

Print From USB Memory Setup

Item	Factory default setting	Description
Default Settings	Color / Mono	Color Select Color / Mono (Grayscale).
	Paper Feed	Tray 1 Specify a paper tray to use.
	Copies	1 Sets the number of copies.
	Duplex	OFF Turns the duplex printing function on or off. [OFF]: simplex printing [Long Edge Bind]: duplex printing for long-edge binding [Short Edge Bind]: duplex printing for short-edge binding
	Fit	ON Specify whether to match the paper.

Print Setup

- Print Menu
- Color Menu
- System Configuration Menu
- PCL Setup
- PS Setup
- SIDM Setup
- XPS Setup
- IBM PPR Setup
- EPSON FX Setup
- Private Print Setup

Print Menu

• Print Setup

Item		Factory default setting	Description
Copies		1 Set(s)	Sets the number of copies. For local printing, this setting is invalid except for demo data. Available range: 1 to 999
Duplex		OFF	Turns the duplex printing function on or off. [OFF]: simplex printing [Long Edge Bind]: duplex printing for long-edge binding [Short Edge Bind]: duplex printing for short-edge binding
Media Check		Enable	Sets whether to check an inconsistency between the page size and the paper size in the tray.
Override A4 / Letter		Yes	Set the function that automatically switches paper to print from A4 to Letter if a tray runs out of A4 paper and Letter paper is loaded, or from Letter to A4 if a tray runs out of Letter paper.
Resolution		600dpi	Sets the resolution.
Toner Save	Toner Save Level	OFF	Sets the amount of toner to be saved. This setting is enabled when printing and printing from USB Memory.
	Color	All	[All]: Toner Save is applied to all colors including 100% black. [Except100%Black]: Toner Save is applied to all colors other than 100% black. This function is only applied to the print function.
Mono-Print Mode		Auto	Sets the print mode for black-and-white pages.

Item	Factory default setting	Description
Orientation	Portrait	Sets the page orientation.
Edit Size	Cassette size	Sets the size of the printable page area if the size is not specified with the paper edit size command from a computer.
Trapping	OFF	Set trapping
Width / Length	210 mm (8.3 inch)	Sets the width of a custom paper size. Available range: 64 to 216 mm (2.5 to 8.5 inches)
	297 mm (11.7 inch)	Sets the length of a custom paper size. Available range: 90 to 1,321 mm (3.5 to 52.0 inches)

• Printer Adjust

Item		Factory default setting	Description
Manual Timeout		60 seconds	Sets for how many seconds the machine waits for paper to be fed before cancelling a job when using the manual feeder.
Timeout Injob		40 seconds	Sets for how many seconds the machine waits until pages are output from when the processing of the received data stops.
Timeout Local		40 seconds	Sets how long each port is left opened after a job is complete. (The network is excluded.)
Timeout Network		90 seconds	Sets how long the network port is left opened after a job is complete.
Print Mode Without Color Toner		Alarm	
Jam Recovery		Enable	Sets whether to print the pages again that are not printed due to a paper jam after the jam is cleared.
Paper Black Setting		0	Adjusts finely if the black contrast becomes weak or blots or lines become conspicuous when printing on plain paper. If fine blots or lines appear, decrease the value. If the dark part becomes light, increase the value.
Paper Color Setting		0	Adjusts finely if the color contrast becomes weak, or blots or lines become conspicuous when printing on plain paper. If fine blots or lines appear, decrease the value. If the dark part becomes light, increase the value.
SMR Setting	Black	0	Corrects variations in print results caused by temperature and humidity conditions and differences in print density and frequency. Change the setting if the print quality is uneven.
	Yellow	0	
	Magenta	0	
	Cyan	0	
BG Setting	Black	0	Corrects variations in print results caused by temperature and humidity conditions and differences in print density and frequency. Change the setting if the background is dark.
	Yellow	0	
	Magenta	0	
	Cyan	0	

Item	Factory default setting	Description
HU Setting	OFF	Sets the mode to remove stain generated while being left for a long time.
VL Cleaning	-	Cleans the image drum. Set this mode when vertical white lines appear on the output.
Gloss Mode	OFF	Raises the fusing temperature and prints highly glossy images. Set to [ON] when printing highly glossy images.

• Print Position Adjust

Item	Factory default setting	Description	
Tray 1	X Adjust	0 mm	<ul style="list-style-type: none"> • X Adjust: Adjusts the position of the entire printing image perpendicular to the direction of paper movement. Available range: ± 2.00 mm (0.25 mm increments). • Y Adjust: Adjusts the position of the entire printing image parallel to the direction of paper movement. Available range: ± 2.00 mm (0.25 mm increments). • Duplex X Adjust: Adjusts the position of the image on the back side of a duplex print perpendicular to the direction of paper movement. Available range: ± 2.00 mm (0.25 mm increments). • Duplex Y Adjust: Adjusts the position of the image on the back side of a duplex print parallel to the direction of paper movement. Available range: ± 2.00 mm (0.25 mm increments).
	Y Adjust	0 mm	
	Duplex X Adjust	0 mm	
	Duplex Y Adjust	0 mm	
Tray 2/3 (Optional)	X Adjust	0 mm	
	Y Adjust	0 mm	
	Duplex X Adjust	0 mm	
	Duplex Y Adjust	0 mm	
MP Tray	X Adjust	0 mm	
	Y Adjust	0 mm	
	Duplex X Adjust	0 mm	
	Duplex Y Adjust	0 mm	

• Drum Cleaning

Item	Factory default setting	Description
Drum Cleaning	OFF	Sets whether to clean the drum before printing. The image quality improvement may be expected.

• Hex Dump

Item	Factory default setting	Description
Hex Dump	OFF	Prints out the data received from the host computer in hex. To finish printing, turn the machine off.

Color Menu

Item	Factory default setting	Description	
Density Control	Auto	Select "Auto" or "Manual" for adjusting density.	
Adjust Density	-	Adjusting density is performed right after this menu is selected.	
Color Tuning / Print Pattern	-	A test page is printed for checking the adjusting value to be entered for any other C/M/Y/K Tuning menus.	
Cyan Tuning	Cyan Highlight	0	Adjust the value for Highlight / Mid-tone / Dark of each color within a range of -3 to +3. + : Adjusted to be darker. - : Adjusted to be lighter.
	Cyan Mid-Tone	0	
	Cyan Dark	0	
Magenta Tuning	Magenta Highlight	0	
	Magenta Mid-Tone	0	
	Magenta Dark	0	
Yellow Tuning	Yellow Highlight	0	
	Yellow Mid-Tone	0	
	Yellow Dark	0	
Black Tuning	Black Highlight	0	
	Black Mid-Tone	0	
	Black Dark	0	
Density	Cyan	0	Adjust the total density of each color within a range of -3 to +3. + : Adjusted to be darker. - : Adjusted to be lighter.
	Magenta	0	
	Yellow	0	
	Black	0	
Adjust Registration		Color registration adjustment is performed.	
Ink Simulation	Ink Simulation	OFF	Sets the ink simulation. This setting is enabled only for PS language jobs.
UCR	UCR	Low	Adjusts the level of under color removal.
CMY100% Density	CMY100% Density	Disable	Selects whether to use halftone for C, M, Y 100% density.

Item		Factory default setting	Description
CMYK Conversion	CMYK Conversion	ON	Selects whether to use simple (quick) mode when performing CMYK Conversion. This menu setting is disabled if using the ink simulation function.

System Configuration Menu

Item	Factory default setting	Description
Personality	Auto	Selects the emulation mode. If auto is set, the correct emulation is automatically selected every time a print job is received.
Alarm Release	Manual	If [Manual] is set, non-critical warnings, such as requests for a different paper size, can be cleared by pressing [RESET]. If [Auto] is set, the warnings are cleared when the print job resumes.
Auto Continue	OFF	Sets whether the machine automatically recovers from a memory overflow.
Error Report	OFF	Sets whether to print error details if PostScript errors occur.

PCL Setup

Item	Factory default setting	Description
Font Source	Resident 2	Selects the location of the font to use.
Font No.	C1	Selects the font number to use. Available range: 10 to 190 if [Resident] is set/C1 to C4 if [Resident 2] is set.
Font Pitch	10.00 CPI	Sets the width of the PCL default font. Available range: 0.44 to 99.99 CPI. (0.01CPI increments)

Item	Factory default setting	Description	
Font Height	12.00 point(s)	Sets the height of the PCL default font. Available range: 4.00 to 999.75 point. (0.25 point increments)	
Symbol Set	PC-8	Selects a PCL symbol set.	
A4 Print Width	78 Column	Sets the number of digits for automatic line feed on A4 paper.	
White Page Skip	OFF	Selects whether to print blank pages.	
CR Function	CR	Sets the machine operation when receiving CR code.	
LF Function	LF	Sets the machine operation when receiving LF code.	
Print Margin	Normal	Sets the nonprintable area of the page.	
True Black	OFF	Selects whether to print black image data using mixed CMYK or print using black toner only.	
Pen Width Adjust	ON	Sets whether to emphasize thin lines so that the lines look thicker.	
Tray ID#	Tray 1	1	Sets a value that specifies a tray with the PCL paper source specification command. Available range: 1 to 59
	Tray 2 (Optional)	5	
	Tray 3 (Optional)	20	
	MP Tray	4	

PS Setup

Item	Factory default setting	Description
L1 Tray	Type 1	Set the paper tray number for the Level 1 operator. [Type 1]: The effective number for paper tray starts from 1. [Type 2]: The effective number for paper tray starts from 0.
Network PS-Protocol	RAW	Specifies PS communication protocol mode of data from Network.
USB PS-Protocol	RAW	Specifies PS communication protocol mode of data from USB.

Item	Factory default setting	Description
PDF Paper Size	Current Tray Size	Set the paper size when printing with PDF Direct Print.
PDF Scaling Size	99%	Sets reduction rate for PDF when [PDF Paper Size] is set to [Scaling Size].
PDF Print Mode	High Quality	Sets whether to give priority to the print quality or the print speed when printing PDF.

SIDM Setup

Item	Factory default setting	Description
SIDM Manual ID#	2	Set up Pn specified in MANUAL by MANUAL-1 ID No.FX/PPR Emu in CSF control command (ESC EM Pn).
SIDM Manual2 ID#	3	Set up Pn specified in MANUAL by MANUAL-2 ID No.FX/PPR Emu in CSF control command (ESC EM Pn).
SIDM MP Tray ID#	4	Set up Pn specified TRAYO (MP Tray) by MP Tray ID No.FX/PPR Emu in CSF control command (ESC EM Pn).
SIDM Tray1 ID#	1	Set up Pn specified TRAY 1 by Tray 1 ID No.FX/PPR Emu in CSF control command (ESC EM Pn).
SIDM Tray2 ID# (Optional)	5	Set up Pn specified TRAY 2 by Tray 2 ID No.FX/PPR Emu in CSF control command (ESC EM Pn).
SIDM Tray3 ID# (Optional)	6	Set up Pn specified TRAY 3 by Tray 3 ID No.FX/PPR Emu in CSF control command (ESC EM Pn).

XPS Setup

Item	Factory default setting	Description
DigitalSignature	OFF	Sets the DigitalSignature functions.
DiscardControl	Auto	Sets the DiscardControl function.
MC Mode	ON	Sets the MarkupComaptibility function.
Unzip Mode	Speed	Sets the XPS file decompression method.

Item	Factory default setting	Description
White Page Skip	OFF	Selects whether to output blank pages in XPS.

IBM PPR Setup

Item	Factory default setting	Description
Character Pitch	10 CPI	Specifies character pitches in IBM PPR emulation.
Font Condense	12CPI to 20CPI	Specifies 12CPI pitches for Condense Mode.
Character Set	SET-2	Specifies a character set.
Symbol Set	IBM-437	Specifies a symbol set.
Letter O Style	Disable	Specifies the style that replaces 9BH with letter o and 9DH with a zero.
Zero Character	Normal	Sets the zero to be slashed or unslashed.
Line Pitch	6 LPI	Specifies the line spacing.
White Page Skip	OFF	Selects whether to print blank pages.
CR Function	CR	Selects a carriage return from [CR] or [CR+LF].
LF Function	LF	Selects a line feed from [LF] or [LF+CR].
Line Length	80 Column	Specifies the number of characters per line.
Form Length	11.7 inch or 11 inch	Specifies the length of paper.
TOF Position	0.0 inch	Specifies the distance from the top edge of paper to where the cut is to be made.
Left Margin	0.0 inch	Specifies the distance from the left edge of paper to where the cut is to be made.
Fit To Letter	Disable or Enable	Sets the printing mode that can fit paper to the printable area equivalent to 11 inches (66 lines).
Text Height	Same	Sets the height of a character. SAME: The height stays the same regardless of CPI. DIFF: The height varies according to CPI.

EPSON FX Setup

Item	Factory default setting	Description
Character Pitch	10 CPI	Specifies character pitches.
Character Set	SET-2	Specifies a character set.
Symbol Set	IBM-437	Specifies a symbol set.
Letter O Style	Disable	Specifies the style that replaces 9BH with letter o and 9DH with a zero.
Zero Character	Normal	Sets the zero to be slashed or unslashed.
Line Pitch	6 LPI	Specifies the line spacing.
White Page Skip	OFF	Selects whether to print blank pages.
CR Function	CR	Select a carriage return from [CR] or [CR+LF].
Line Length	80 Column	Specifies the number of characters per line.
Form Length	11.7 inch or 11 inch	Specifies the length of paper.
TOF Position	0.0 inch	Specifies the distance from the top edge of paper to where the cut is to be made.
Left Margin	0.0 inch	Specifies the distance from the left edge of paper to where the cut is to be made.
Fit To Letter	Disable or Enable	Sets the printing mode that can fit paper to the printable area equivalent to 11 inches (66 lines).
Text Height	Same	Sets the height of a character. SAME: The height stays the same regardless of CPI. DIFF: The height varies according to CPI.

Private Print Setup

Item	Factory default setting	Description
Verify job option	Disable	Set whether to verify a job before printing. If enabled, the machine verifies that the job is not altered before starting printing. The security is enhanced, however it will take longer to start printing.

Item	Factory default setting	Description
Erase job option	No overwrite	Set how to delete a job. You can overwrite deleted data so that it will not be restored. If enabled, it will take longer to delete. Available value: No overwrite/Zero out once/Multiple random overwrites
Keep job for	2 hours	Set the storage period of jobs. If the set period elapses after jobs are stored, the jobs will be automatically deleted. Available value: 15 minutes/30 minutes/1 hour/ 2 hours/4 hours/8 hours/12 hours/1 day/2 days/3 days/4 days/5 days/6 days/7 days
Job Limitation	Disable	Sets whether to save a restricted print job. If [Private Print Only] is selected, print jobs other than private print are not accepted.
Job Password Authentication	OFF	Sets whether to verify a job password when the access control is enabled.
Job Auto Search	ON	Sets whether to search a job at the same time as unlocking the panel lock when the access control is enabled.

Network Menu

Network Setup

• Network Setting

Item	Factory default setting	Description
Enabling Default Gateway	Wired	Sets which default gateway to be enabled between wired LAN or wireless LAN.
Wired	Enable	Sets whether to enable wired LAN.
TCP/IP	Enable	Sets whether to enable TCP/IP.
NetBIOS over TCP	Enable	Sets whether to enable NetBIOS over TCP/IP. This item is displayed when TCP/IP protocol is enabled.
IP Address Set	Auto	Sets the method of assigning an IP address.
IPv4 Address	192.168.100.100	Sets an IP address. This item is displayed when TCP/IP protocol is enabled.
Subnet Mask	255.255.255.0	Sets a subnet mask. This item is displayed when TCP/IP protocol is enabled.
Gateway Address	0.0.0.0	Sets a gateway address. This item is displayed when TCP/IP protocol is enabled.
DHCPv6	Disable	Selects enable / disable of DHCP when IPv6 is used.
DNS Server (Primary)	0.0.0.0	Sets the IP address for a Primary DNS server. This item is displayed when TCP/IP protocol is enabled.
DNS Server (Secondary)	0.0.0.0	Sets the IP address for a Secondary DNS server. This item is displayed when TCP/IP protocol is enabled.
WINS Server (Primary)	0.0.0.0	Sets the name or the IP address for the WINS server. This item is displayed when TCP/IP protocol is enabled.
WINS Server (Secondary)	0.0.0.0	Sets the name or the IP address for the WINS server. This item is displayed when TCP/IP protocol is enabled.
Proxy	Disable	Sets whether to use proxy.

Item	Factory default setting	Description
Proxy Server	(NULL)	Sets the name or IP address of the proxy server. You can enter up to 15 characters.
Proxy Server Port No.	8080	Sets the port number of the proxy server.
Proxy User ID	(NULL)	Sets the user ID to connect to the proxy server.
Proxy Password	(NULL)	Sets the password to connect to the proxy server.
Web	Enable	Sets whether to enable access from a Web browser. This item is displayed when TCP/IP protocol is enabled.
Telnet	Disable	Sets whether to enable access from the Telnet. This item is displayed when TCP/IP protocol is enabled.
FTP	Disable	Sets whether to enable access with FTP. This item is displayed when TCP/IP protocol is enabled.
IPSec	Disable	This item is displayed only if IPSec is set to valid. This item can be changed to disable only.
SNMP	Enable	Sets whether to enable access from SNMP. This item is displayed when NetWare or TCP/IP protocol is enabled.
Network Scale	Normal	[Normal]: The machine operates effectively even if connected to a HUB with the spanning tree function. However, the machine takes longer to start up if it is connected to a small LAN that consists of two or three computers. [Small]: This setting covers a small LAN that consists of two or three computers to a large LAN, but the machine may not operate efficiently if it is connected to a HUB with the spanning tree function.
Gigabit Network	Disable	Sets whether to enable access with Gigabit Ethernet.
HUB Link Setting	Auto	Sets the hub linking method. Normally, select [Auto Negotiate].

• Wireless (Infrastructure) Setting (If wireless LAN module fitted)

Item		Factory default setting	Description	
Wireless(Infrastructure)		Disable	Sets whether to enable Wireless(Infrastructure).	
Network Setting	IP Address Set	Auto	Sets the method of assigning an IP address.	
	IPv4 Address	192.168.101.10 0	Sets an IP address. This item is displayed when TCP/IP protocol is enabled.	
	Subnet Mask	255.255.255.0	Sets a subnet mask. This item is displayed when TCP/IP protocol is enabled.	
	Gateway Address	0.0.0.0	Sets a gateway address. This item is displayed when TCP/IP protocol is enabled.	
	DHCPv6	Disable	Specify whether to enable DHCP when using IPv6.	
WPS	WPS-PBC	-	WPS-PBC is executed.	
	WPS-PIN	-	WPS-PIN is executed.	
Wireless Network Selection	A list of access point name found in the search		-	Displays a list of wireless LAN access points' names that are found in a search.
	Manual Setup	SSID	(NULL)	Enter an SSID.
		Security	Disable	Selects the security of the wireless LAN function. "WPA-EAP" and "WPA2-EAP" can be set only on the Web.
		WEP Key	(NULL)	Displays if [Security] is set to [WEP]. Enter the WEP key.
		WPA Encryption Type	AES	Select a WPA2-PSK encryption type. Displays if [WPA-PSK] or [WPA2-PSK] is selected for [Security].
	WPA Pre-shared Key	(NULL)	Enter the Pre-shared Key. Displays if [WPA-PSK] or [WPA2-PSK] is selected for [Security].	
Wireless reconnection		-	Wireless(Infrastructure) reconnection is executed.	

• Wireless(AP Mode) Setting (If wireless LAN module fitted)

Item	Factory default setting	Description
Wireless(AP Mode)	Disable	Sets whether to enable Wireless(AP Mode).

Item		Factory default setting	Description
Automatic connection (push-button)		-	Connects automatically (push button) using Wireless(AP Mode).
Manual Setup	SSID	(Device-specific string)	Displays SSID of Wireless(AP Mode).
	Password	(8-digit number)	Displays the password of Wireless(AP Mode).
Connection Setting	SSID	(Device-specific string)	Sets SSID of Wireless(AP Mode).
	Password	(8-digit number)	Sets the password of Wireless(AP Mode).
	IPv4 Address	192.168.110.10 0	Sets the password of Wireless(AP Mode).

• Factory Defaults

Item	Factory default setting	Description
Factory Defaults	-	The settings of the network, mail server, LDAP server, and secure protocol server are returned to the default settings.

Mail Server Setup

Item	Factory default setting	Description
SMTP Server	(NULL)	Sets the IP address or server name for the SMTP server.
SMTP Port	25	Sets the port number for the SMTP server. Normally, use the default setting. Available range: 1 to 65535
SMTP Encryption	None	Selects an encryption method in the SMTP communication.
Receive Setting	Disable	Sets the protocol to be used for receiving e-mails.
POP3 Server	(NULL)	Sets the IP address or server name for the POP3 server.
POP3 Port	110	Sets the port number prepared by POP3 on the POP3 server. Available range: 1 to 65535
POP Encryption	None	Selects an encryption method in the POP communication.
Authentication Method	No Authentication	Selects an authentication method for e-mail transmissions.
SMTP User ID	(NULL)	Sets the login name to the server used for SMTP authentication.

Item	Factory default setting	Description
SMTP Password	(NULL)	Sets a login password to the server used for SMTP authentication.
POP User ID	(NULL)	Sets a login name to the server used for POP certification or for printing received e-mail attachment files.
POP Password	(NULL)	Sets a login password to the server used for POP certification or for printing received e-mail attachment files.

LDAP Server Setting

Item	Factory default setting	Description	
Server Setting	LDAP Server	(NULL)	Sets the IP address or server name for the LDAP server.
	Port No.	389	Sets the port number for the LDAP server. Available range: 1 to 65535
	Timeout	30 second(s)	Sets the timeout value for the search response from the LDAP server. Available range: 10 to 120 seconds
	Search Root	(NULL)	Specifies a position to start searching the LDAP directory.
Authentication	Method	Anonymous	Sets the authentication method. For Digest-MD5, the DNS server must be set. For Secure Protocol, the SNTP server, DNS server, and secure protocol server must be set.
	User ID	(NULL)	Sets a user ID for LDAP server authentication. You can enter up to 80 characters. This item is displayed when the LDAP authentication method is not set to [Anonymous].
	Password	(NULL)	Sets a password for LDAP server authentication. You can enter up to 32 characters. This item is displayed when the LDAP authentication method is not set to [Anonymous].
Encryption	None	Sets the encryption of communication to the LDAP server.	

Secure Protocol Server Setting

Item	Factory default setting	Description
Domain	(NULL)	Sets a realm name for the Kerberos certification. Use upper-case letters for alphabets. You can enter up to 64 characters.



To apply the settings that are changed on the [Network Menu] menu, you must restart a network card. Restart the network card according to a confirmation screen that is displayed when you change settings.

Configure Home Screen

Factory default setting	Description
Print Troubleshoot	Register frequently-used functions on the Home Screen.

Management

• Default Mode

Item	Factory default setting	Description
Default Mode	Home	Sets the default mode screen of this machine.

• Operation Clear

Item	Factory default setting	Description
Operation Timeout	3	Sets time for automatic reset of screen to begin. Available range: 1 to 10 minutes
Clear After Job	OFF	Sets whether to reset after job is completed.

• Sound Control

Item	Factory default setting	Description
Key Touch Tone Volume	Middle	Sets the volume of the key-touch tone.
JAM Buzzer Volume	Middle	Sets the volume for the paper jam alert tone.
AirPrint Buzzer Volume	Low	Sets the AirPrint confirmation operation sound.

• Local Interface*1

Item	Factory default setting	Description	
USB Menu	USB	Enable	Sets whether to enable USB.
	Soft Reset	Disable	Sets whether to enable the soft reset command.
	Speed	480Mbps	Selects the maximum transfer speed of USB interface.
	Offline Receive	Disable	Set whether to receive data in offline state or in recoverable error state.
	Serial Number	Enable	Sets whether to use a USB serial number.
	Connected Host	Normal	Sets a host to be connected.

• System Setup

Item	Factory default setting	Description
Access Control	Disable	Sets access control.

Item	Factory default setting	Description
Default Authent. Method Sett.	Local Name	
Unit of Measure	Millimeter or Inch	Selects a displayed unit (millimeter / inch).
Default Paper Size	A4 or Letter	Sets the default paper size.
Date Format	dd/mm/yyyy or mm/dd/yyyy	Sets the date format.
Allow All Reports To Print	Disable	Sets whether to allow printing reports with personal information.
Near Life LED	Enable	Sets whether to light an LED if a near life warning occurs.
Status in Near Life	Enable	Sets whether to display a message if a near life warning occurs.
USB Memory Interface	Enable	If [Disable] is set, the print from USB Memory function cannot be used.
Panel Brightness During Operating	7	Sets the LCD panel brightness. Available range: 1 to 7 (1 increments)
Panel Brightness While Power Save	0	Sets the LCD panel brightness. Available range: 0 to 7 (1 increments)
Panel Calibration	Execute	Executes LCD panel calibration.

• Power Save

Item	Factory default setting	Description
Power Save Time	1 minute	Sets when to enter Power Save mode.
Sleep Time	15 minutes	Sets when to enter Sleep mode.
Auto Power Off Time	4 hours	Sets when to enter Auto Power Off.
Silent Mode	ON	Specifies a print preparation operation when entering standby status from Sleep mode. If [ON] is set: it is quiet as there is no print preparation. If [OFF] is set: there is a rotation noise of the image to perform print preparation but you can start first printing early.
ECO Mode*1	ON	If [ON] is set: Printing starts even before the temperature of the fuser reaches the prescribed degrees, if the job is small. If [OFF] is set: Printing starts after the temperature of the fuser reaches the prescribed degrees.

• Memory Setup

Item	Factory default setting	Description
Receive Buffer Size	Auto	Sets the reception buffer size that local interface secures.
Resource Save	OFF	Sets the resource save area.

• Flash Memory Setup*1

Item	Factory default setting	Description
Initialize	Execute	Initializes a flash memory. This item is displayed when [Initial Lock] is set to [Disable].
Format Partition	PCL	(NULL)
	Common	(NULL)
	PS	(NULL)

• Storage Maintenance Setup

Item	Factory default setting	Description
Check File System	Execute	Resolves any mismatch between actual memory and displayed memory available in a file system and performs administration data (FAT information) recovery.
Initial Lock	Enable	Sets whether to give permission to change settings associated with the memory initialization.

• Language Maint Setup

Item	Factory default setting	Description
Select Language	English	Selects display language for the LCD panel.
Initialize*1	Execute	Deletes downloaded message files.

• Keyboard Layout

Item	Factory default setting	Description
Keyboard Layout	QWERTY	Select which to use QWERTY keyboard or AZERTY keyboard for your keyboard on the touch panel.

• STOP Key Behavior

Item	Factory default setting	Description
STOP Key Behavior	OFF	Sets the behavior when the STOP key is pressed. Setting to ON cancels the print job. Setting to OFF disables the function.

• Admin Password

Item	Factory default setting	Description
New Password Enter password (Verify)	999999	Changes the administrator password. 6 to 12 characters can be used.

• Reset Settings*2

Item	Factory default setting	Description
Reset Settings*2	-	Deletes job macros and returns the settings to the default.

• Job Log Setup

Item	Factory default setting	Description
Clear Job Log*3	-	Clears the saved job logs.

• Print Statistics

Item	Factory default setting	Description
Supplies Report	Disable	Sets whether to print the consumable counter's report.
Reset Main Counter	-	Resets the main counter.
Reset Supplies Counter	-	Reset the consumable counter. This item is displayed when [Supplies Report] is set to [Active].

*1 A message is displayed to confirm the equipment restarts automatically when changes have been made. Select [Yes] to continue. Select [No] to cancel.

*2 A message is displayed to confirm the equipment restarts automatically when executed. Select [Yes] to continue. Select [No] to cancel.

*3 A message is displayed to confirm that all job logs are deleted when executed. Select [Yes] to continue. Select [No] to cancel.

User Install

Item	Factory default setting	Description
Time Zone	00:00	Sets the time GMT zone. Available range: -12:00 to +13:00 (15 minutes / increment)
Daylight Saving	ON	Sets whether to enable the Daylight Saving mode.
Time Setup	Auto Setup	SNTP Server (Primary) SNTP Server (Secondary)
	Manual Setup	2001/01/01 0:00
Power Setup	Power Save Enable	ON
	Sleep	ON
	Auto Power Off	Auto Config
	Power Supply Return	State Continue
Office Document Mode	Mode1	This mode allows to always enable the toner save function. To forcibly enter the machine in toner save mode, select Mode2.
High Humid Mode	OFF	Sets whether to enable the humidity mode. Selecting [Enable] reduces curl generated while printing.
Quiet Mode	OFF	Sets whether to reduce the printing noise. Setting to [ON] affects printing speed.
Drum Near Life Timing	1000	Sets the timing for the near life warning for the drum cartridges.
Fuser Near Life Timing	1000	Sets the timing for the near life warning for the fuser unit.
Belt Near Life Timing	1000	Sets the timing for the near life warning for the belt unit.
Wireless Module	Disable	

Item	Factory default setting	Description
Erase Privacy Data*1	-	Deletes the registered privacy data. <ul style="list-style-type: none"> • Data saved to one-touch buttons • Values set to the Admin Password and other menu items. • Various histories • Access control information and user information registered to the device

*1 A message is displayed to confirm the equipment restarts. Select [Yes] to continue. Select [No] to cancel.

*2 When you set the dial tone detection setting to [ON], the machine does not dial if the dial tone is not detected.

Business Phone Setup

Item	Factory default setting	Description
Business Phone Cooperation	Disable	Sets whether to enable or disable Business Phone Cooperation.
Connection IP Address	0.0.0.0	Sets the IP address of the connected device.
Connection Port No.	59000	Sets a port number of the connected device.

Process Setup

Item	Factory default setting	Description
Custom Process	Full Color	When set to Monochrome or Custom Color, it can be operated without unnecessary ID.
Check C Drum	Yes	Specify whether to use each of the color of the image drum.
Check M Drum	Yes	
Check Y Drum	Yes	

Management Software

This section describes useful software for managing the machine.

- **Configuration Tool**
- **Web Page of This Machine**

User Authentication (Access Control)

Access control refers to the function with which authenticated users can use limited operations.

Before using the machine, authentication is required. Information necessary for user authentication is any of the following: user name and password, PIN (personal identification number), and IC card.

Administrator of the machine needs to register user information, set authentication method, and enable access control so that the access control function can be used.

For the preparation process to use the access control function, refer to "Preparation (For Administrator)".

When the access control function is enabled, the control panel of the machine displays the following screen.



To use IC card authentication, connecting an IC card reader is required.

The message, "Authent. by IC card is also available." is not displayed if no IC card reader is connected.

To operate the machine, refer to "Log in to This Machine".

When printing from a computer, see "Printing from a Computer".

To register the IC card information, either of the following ways is needed. The administrator adds IC card information when registering user information or users hold their IC cards over the machine. For the procedure for registration by users, see "Registering IC Card Information".



If you cannot perform operation after you are authenticated, ask the administrator if you are authorized to perform the operation.

- Preparation (For Administrator)
- Log in to This Machine
- Printing from a Computer
- Registering IC Card Information

Preparation (For Administrator)

Before using the access control function, the following procedure is required to be performed on the Web page by the administrator.

Register roles for enabling/disabling operations.

 [Registering Roles](#)

There are two types of user authentication methods: Local authentication (using the user information registered in the machine) and Server authentication (using the user information registered in the server).

When using Local authentication for the user authentication, register user names and groups.

 [Registering Users](#)

 [Registering Groups](#)



The registration can also be performed on Configuration Tool.

 [Registering a User Name and Password](#)

When using Server Authentication system as a user authentication, make settings for Server authentication.

 [Setting the Authentication Server](#)

After the user information is registered and the server authentication setting is completed, enable the access control.

 [Enabling Access Control](#)

Registering Roles

Register roles to assign the users. For example, you can create roles for departments or positions, assign authorized operations to each role, and then register.

Up to 100 roles can be registered.

Controllable operations by roles are as follows:

- **Printing from a Computer**


- **Printing from USB Memory**

Two types of roles are registered by factory default.


- **Role for administrator. This role is fully authorized. This role is to be assigned to the administrator of the machine.**
- **DefaultRole: This role is to be assigned users to whom any roles are assigned when being registered.**

Two or more roles can be assigned to one user.

1 Open the Web page of the machine.

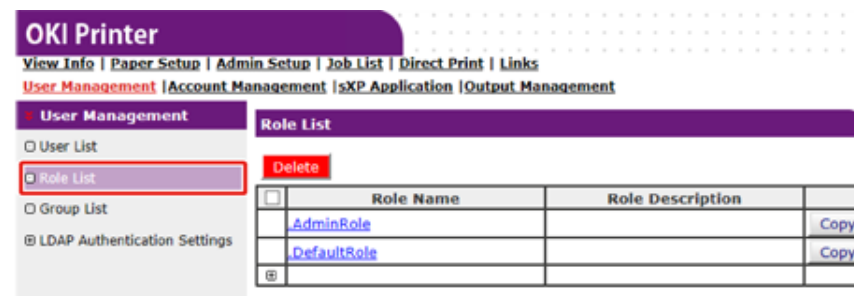
 [Open the Web Page of This Machine](#)

2 Log in as the administrator.

 [Log In as the Administrator](#)

3 Click [User Management].

4 Click [Role List].



5 Click [+].

6 When the Role information screen appears, enter the required information.

Role Name: Enter a role name.

Role Description: Enter explanation for the role, etc.

Permission: Set to Permit/Prohibit each operation or Forced prohibit to any operations. If Forced prohibit is set, operations that are allowed with other roles are forbidden.

Local User List: Add users to whom the role is assigned.

Kerberos User List: Add Kerberos users to whom the role is assigned.

- 7 Click [Submit].
You can copy registered roles to add.

Press [Copy] on the right of the role name to display the role information screen, change items if required, and then register.

Registering Users

When using Local authentication for the user authentication, register users on a web browser. Up to 5000 users can be registered.

- 1 Open the Web page of the machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.
 Log In as the Administrator
- 3 Click [User Management].
- 4 Click [User List].
- 5 Specify the user type.
Local User: Register user information to the machine.
LDAP User: User registered to the LDAP server. LDAP server authentication setting is required.
Kerberos User: Users registered to the Kerberos server. Kerberos server authentication setting is required.

- 6 Click [+].
- 7 When the user information setting screen appears, enter the required information.
User Name: Enter a user name.

Password: Enter a password.

Display Name: Enter a display name.

E-mail address: Enter the mail address of the user.

Language Code: Enter the language code.

PIN: Enter the PIN.

Card ID: Enter the IC card information.

Role: Sets the role.

Group: Set the group the user belongs to.

8 Press [Submit].

You can copy registered users to add.

Press [Copy] on the right of the user name to display the user information screen, change items if required, and then register.

Registering Groups

You can manage several users in a group. Up to 1,000 groups can be registered. Up to 5,000 users can be registered in a group.

1 Open the Web page of the machine.

Open the Web Page of This Machine

2 Log in as the administrator.

Log In as the Administrator

3 Click [User Management].

4 Click [Group List].

5 Click [+].

6 When the group information screen appears, enter the required information.

Group Name: Enter a group name.

Group Description: Enter explanation for the group, etc.

Local User List: Add users to the group.

Kerberos User List: Add Kerberos users to the group.

7 Click [Submit].

You can copy registered roles to add.

Press [Copy] on the right of the group name to display the group information screen, change items if required, and then register.

Setting the Authentication Server


When using Server Authentication system for the user authentication, make server settings on the web browser.

The procedure when using the LDAP authentication server is used as an example.

1 Open the Web page of the machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

 Log In as the Administrator

3 Click [User Management].

4 Click [LDAP Authentication Setting].

5 Click [LDAP Authentication Setting].

6 Enter an LDAP key to obtain information.

Display name: Specify the attribute key to obtain the display name of the user information.

Mail address: Specify the attribute key to obtain the E-mail address of the user information.

Language code: Specify the attribute key to obtain the language code of the user information.

Group: Set when automatically assigning users to groups.

Card ID: Set when using IC card authentication. You do not need to enter if you do not use the IC card authentication.

PIN: Set when using the PIN authentication. You do not need to enter if you do not use the PIN authentication.

Cache authentication information: [Cache authentication information] in [User information cache settings] specifies whether to save the LDAP authentication information into the cache the machine.

OKI Printer
 View Info | Paper Setup | Admin Setup | Job List | Direct Print | Links
 User Management | Account Management | sXP Application | Output Management

User Management

- User List
- Role List
- Group List
- LDAP Authentication Settings
 - LDAP Authentication Settings
 - Role Assignment Regulations

User Information LDAP Key settings

Display name: (Max:64 characters)

Mail address: (Max:64 characters)

Language code: (Max:64 characters)

Group: (Max:64 characters)

IC card authentication LDAP Key settings

Card ID: (Max:64 characters)

PIN confirmation LDAP Key settings

PIN: (Max:64 characters)

User information cache settings

Cache authentication information: Enable Disable

Press Submit to send changes. Press Cancel to clear changes.

7 Press [Submit].

8 Click [Role Assignment Regulations].

OKI Printer
 View Info | Paper Setup | Admin Setup | Job List | Direct Print | Links
 User Management | Account Management | sXP Application | Output Management

User Management

- User List
- Role List
- Group List
- LDAP Authentication Settings
 - LDAP Authentication Settings
 - Role Assignment Regulations

Role assignment regulations

<input type="checkbox"/>	LDAP Key	LDAP Value	Role Name
<input type="checkbox"/>	user_A	team A	.AdminRole
<input type="checkbox"/>			

9 To add a new rule for assigning a role, click [+].

10 When the role assigning screen appears, enter the required information.

11 Press [Submit].

Enabling Access Control

After the user information is registered and the server authentication setting is completed, enable the access control.

1 Open the Web page of the machine.

Open the Web Page of This Machine

2 Log in as the administrator.

Log In as the Administrator

3 Click [Admin Setup].

4 Click [Management].

5 Click [Access Control Setup].

OKI Printer

[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)
[User Management](#) | [Account Management](#) | [sXP Application](#) | [Output Management](#)

Admin Setup

- Network
- Print From USB Memory Setup
- Print Setup
- Management
 - Local Interface
 - Access Control Setup**
 - System Setup
 - Power Save
 - Memory Setup
 - Language Maintenance Setup
 - Font Setup
 - STOP Key Behavior
 - Admin Password
 - Reset Settings
 - Print Statistics
- User Install

Access Control Setup

Access Control Enable Disable

Use Email print

Use Google Cloud Print

Press Submit to send changes. Press Cancel to clear changes.

6 Select [Enable] for [Access Control].

OKI Printer

[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)
[User Management](#) | [Account Management](#) | [sXP Application](#) | [Output Management](#)

Admin Setup

- Network
- Print From USB Memory Setup
- Print Setup
- Management
 - Local Interface
 - Access Control Setup**
 - Access Control** Enable Disable
 - Use Email print
 - Use Google Cloud Print
 - Guest user use Enable Disable
 - » [Set Guest Permissions](#)
 - Confirmation method :
 - Authenticate Local Name Enable Disable
 - Authenticate Local PIN Enable Disable
 - Authenticate Local IC Card Enable Disable
 - Authenticate LDAP Single Sign-On Enable Disable
 - Authenticate LDAP Name Enable Disable
 - Authenticate LDAP PIN Enable Disable
 - Authenticate LDAP IC Card Enable Disable
 - Authenticate Kerberos Name Enable Disable
 - Register general user's IC card Enable Disable
 - » [Card read settings](#)
- User Install

Press Submit to send changes. Press Cancel to clear changes.

7 Make the access control setting according to your environment.

Use Email print: Make settings for printing files attached to a received e-mail.

Use Google Cloud Print: Set the details of Google Cloud Print.

Guest user use: Set the authorization for guest users.

Confirmation method: Enable/disable each authentication method.

Confirmation form: Set the authentication method used when logging in the machine or printing.

Card read settings: Set for when authenticating with a FeliCa card.

8 Click [Submit].

When the access control function is enabled, the top screen on the control panel of the machine is changed as follows.

Login
Please enter the User Name and Password and press [OK].

User Name
---No Setting---

Password
---No Setting---

Authentication Type:
Local

Authentication Method

Administrator

Guest

Authent. by IC card is also available.

OK



To use IC card authentication, connecting an IC card reader is required.

The message, "Authent. by IC card is also available." is not displayed if no IC card reader is connected.

Log in to This Machine

When the access control function is enabled, the login screen is displayed on the top screen of the machine and user authentication is required.

This section describes how to log in to the machine using the user authentication with user name and password.



When you want to use an IC card to log in to the machine, register the IC card information to the machine in either of the following ways beforehand.

- The administrator specifies IC card information when registering user information.
 - Registering Users
- Users hold their IC cards over the machine to register after logging in to the machine with user name and password, or PIN.
 - Registering IC Card Information

Login
Please enter the User Name and Password and press [OK].

User Name
---No Setting---

Password
---No Setting---

Authentication Type:
Local

Authentication Method

Administrator

Guest

Authent. by IC card is also available.

OK

1 Enter a user name.

2 Enter a password.

- Log In as the Administrator



- If you do not operate the panel for a certain period of time, you are automatically logged out.
- Passing an IC card over the screen on which [Logout] is displayed logs the user out immediately and lets you log in with the information of the held IC card. (User switching)

To log out, press [Logout].

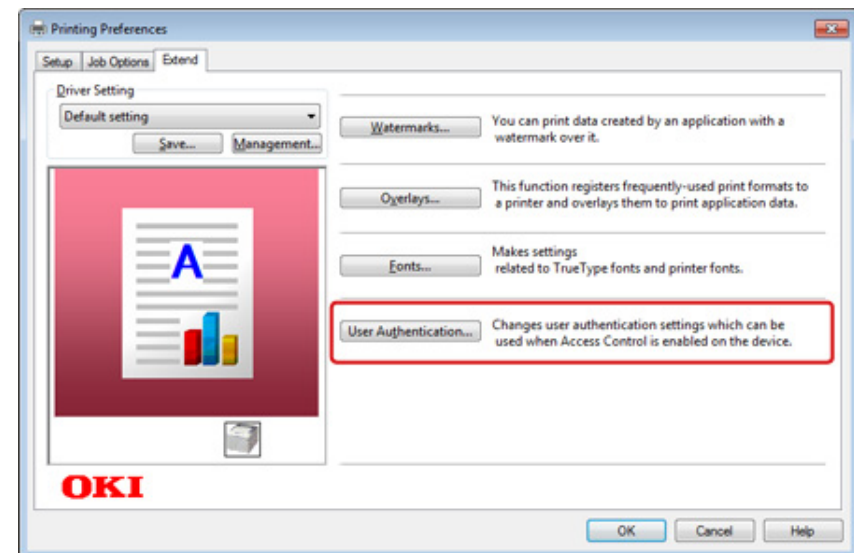
Printing from a Computer

If the access control is enabled, enter user information from the printer driver to print.

For Windows

The procedure when using the memo pad and PCL printer driver is used as an example.

- 1 Select [Print] from the [File] menu.
- 2 Select the necessary printer driver in [Select Printer], and then click [Preferences].
- 3 Select the [Extend] tab.
- 4 Click [User Authentication].



- 5 Set [User Name], [Password] of the user for user's authentication information and [Authentication Type], [Summary Account Name] for specifying user's authentication destination and authentication type.



Depending on the setting for [User Authentication Options...] in the [Device Options] tab, [Password], [Authentication Type], [Summary Account Name], and [Use User Authentication] may not be displayed.

- 6 Select the [Use User Authentication] check box if it is displayed.



Clear the [Use User Authentication] check box if you want to use the Job Accounting Client PIN as the user authentication information.

- 7 Enter the user name and password.

Depending on the setting for [User Authentication Options...] in the [Device Options] tab, user name may be fixed to the logon name.

Select the [Use logon name as user name] check box if you use the logon name to Windows as a user name.

- 8 If [Authentication Type] is displayed, select user's authentication destination and authentication type from the list.

- Auto: Follows the logon method to Windows. When the user has logged on to the domain, [Server LDAP] is used and when the user logged on to the local computer, [Device Local] is used as the authentication method.
- Device Local: Authenticates with the user information stored in the machine.
- Server LDAP: Authenticates with the user information stored in the server using LDAP.

- Server Kerberos: Authenticates with the user information stored in the server using Kerberos.



Default authentication type can be set in [User Authentication Options...] in the [Device Options] tab.

- 9 If [Summary Account Name] is displayed, set a type of summary account (account) to be charged usage amount of printing (points) and name.

If you want to add up for each user and group to which the user belongs, select a group from [Type] and specify the group name in [Name].

If you want to add up for shared account which multiple users can use, select a shared account from [Type] and specify the shard account name in [Name].

- 10 Click [OK].
- 11 Make required settings in each tab.
- 12 Click [OK], and then click [Print].

• Setting User Authentication Options

Set the user authentication options of printer driver from the [Device Options] tab or [Device Settings] tab in Printer Properties.

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click [OKI MC573] and then select [OKI MC573 *] from [Printer properties].
 - * Driver type (ex. PCL6/PS)
 - For PS driver, select [Device Options] and extend [Installable Options].
- 3 For PCL driver, select [Device Options] and click [User Authentication Options...].
- 4 Specifies the user authentication options.
 - Set User Authentication Options for each user: Displays [Use User Authentication] on the user authentication dialog box to set whether to enable or disable user authentication.



If the Set User Authentication Options for each user check box is clear, use user authentication and follow the Windows logon method as an authentication type. When the user has logged on to the domain, [Server LDAP] is used and when the user logged on to the local computer, [Device Local] is used as the authentication method.

- Input user authentication information when printing: Displays user authentication setting to set every time you print. Use this setting when you need to specify the actual user for each print job under the environment where multiple users use the same logon account on the same computer.
This setting is not available when individual authentication setting is required for each user.
- Summary Account Name: Enables to set summary account for user authentication setting.
- Authentication Type: Enables to set authentication type for user authentication setting.
- Default Authentication Type: Specifies default authentication type which is used when authentication type cannot be specified.

5 For the PCL driver, click [OK].

6 Click [OK].

For Mac OS X

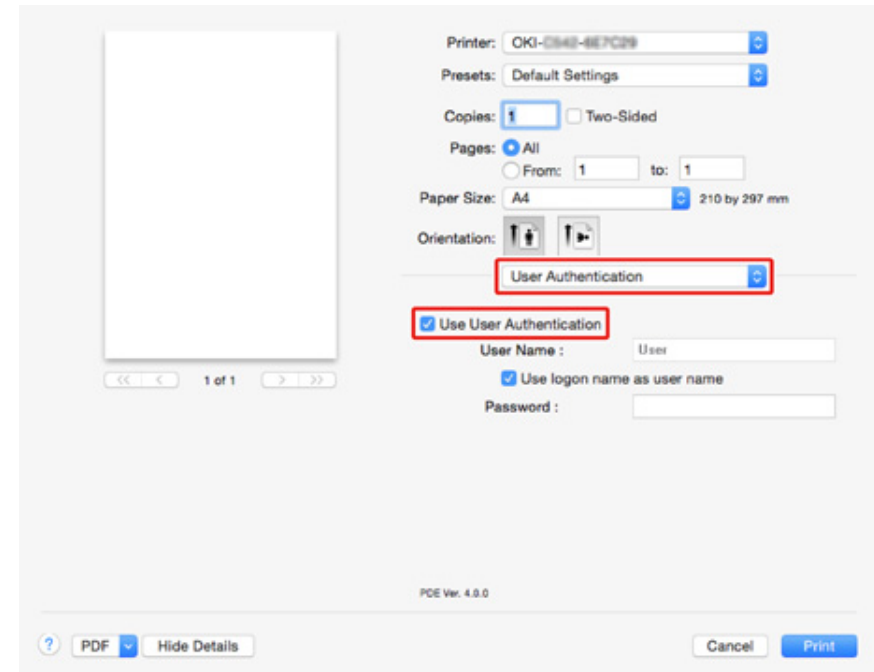
The following procedure uses TextEdit as an example.

1 Select [Print] from the [File] menu.

2 Select the printer driver of this machine.

3 Select [User Authentication] from the panel menu.

4 Select the [Use User Authentication] check box.



5 Enter [Password].

6 Make required settings.

7 Click [Print].

• When selecting authentication type

1 Select [System Preferences] from the Apple menu.

2 Click [Print & Scan].

3 Select the device, and then click [Options & Supplies].

4 Change authentication type in the [Options] tab, then click [OK].

Registering IC Card Information


To log in the machine using an IC card, register the IC card information. You can register your IC card information yourself.



- To use IC card authentication, connecting an IC card reader (optional) is required.
- If you log in to the machine using an authentication method other than the local authentication, this function is not available.
- If "Register general user's IC card" is set to [Disable] by the administrator, this function is not available.

 Enabling Access Control

1 Log in to the machine using the local authentication.

 Log In as the Administrator

2 Press [Device Settings] on the touch panel.

3 Press [UserAccount Info].

4 Press [Register IC card].

5 Follow the onscreen instructions to register IC card information.

Account Management



If you use Print Job Accounting, this function cannot be used together.

When the access control is enabled, you can control amount of print jobs for each user or common account (an account shared by the users) using the web page of the machine.

Once user information is registered, an account is automatically assigned to each user. Common accounts should be registered by administrators.

Administrators need to set limit amount (points) of usage to each account.

And then assign a number of points to each job, for example, XX points for color printing, etc.

Each time users print, corresponding numbers of points are subtracted from their accounts. Users whose remaining points reach 0 cannot print.

Before enabling the account management, you need to register user information.

Preparation (For Administrator)

- Enabling Account Management
- Setting a Number of Points to Each Account
- Creating a Shared Account
- Setting Paper Size Points/Toner Points
- Printing When Account Management is Enabled
- Precautions when Operating

Enabling Account Management

1 Open the Web page of the machine.

Open the Web Page of This Machine

2 Log in as the administrator.

Log In as the Administrator

3 Click [Account Management].

4 Click [Basic Settings].

OKI Printer

[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)

[User Management](#) | [Account Management](#) | [sXP Application](#) | [Output Management](#)

Account Management

- Basic Settings**
- Summary Account Settings
- Cost Settings

Usage management is a function to manage the amount a device is used. Here, the following settings are provided for the manager of usage.

- Settings for summary account used when printing
- Settings for costs used when calculating print amount

Basic Settings

STEP1.Set access limits
In order to enable quota management, you must enable the access control settings on the device.

» [Set Access Limits](#)

STEP2.Quota Management Settings

Quota Management Enable Disable

Limited Format Setting Limited usage for job units

Display Time of The "Insufficient Balance" Error 40 (0-86,400 Seconds)

Point Calculation Type Simple

Toner Saving Calculation Setting Enable

» [Summary Account Settings for Email Printing](#)

» [Summary Account Settings for Google Cloud Print](#)

» [Summary Account Settings for Guest](#)

Personal Account :

Operations When Balance is Insufficient Stop Continue

Initial Value of Assigned Amount 1500 point(0-2,147,483,647)

Group Account :

Press Submit to send changes. Press Cancel to clear changes.

5 Enable the access control in [STEP1.Set access limits], and then click [Submit].



When the access control is enabled, the login screen appears on the touch panel.

6 Enable [Quota Management] in [STEP2. Quota Management Settings].



The quota management means managing amount of usage.

7 Set each item following the on-screen instructions, and then click [Submit].

- Limited Format Setting: Set an action when your points are insufficient.
- Display Time of The "Insufficient Balance" Error: When you do not have enough points to perform the job, the error screen appears on the operator panel. Set the period of time for displaying the error screen.
- Point Calculation Type: Specify calculation type used for printing. For [Simple], setting is available on the Web page of the machine and for [Standard], setting is not available on the Web page.
- Toner Saving Calculation Setting: Specify whether to take the toner save setting into account of point calculation.

- Operations When Balance is Insufficient: Set whether to cancel or continue printing when the remaining points reach 0.


Setting a Number of Points to Each Account

Set a number of points to each account.

1 Open the Web page of the machine.

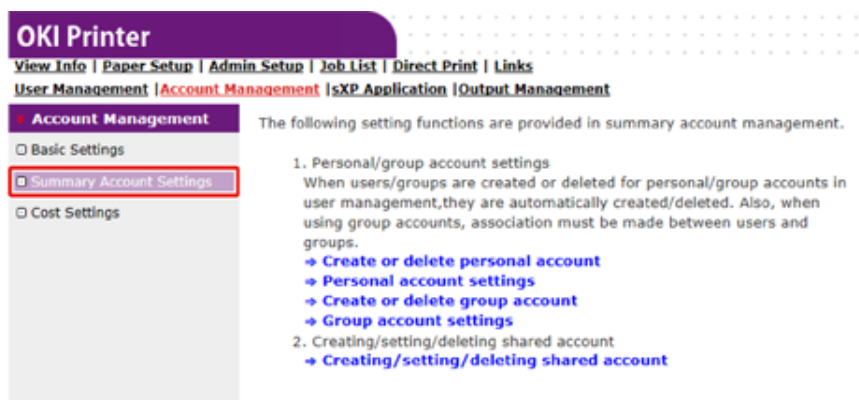
 Open the Web Page of This Machine

2 Log in as the administrator.

 Log In as the Administrator

3 Click [Account Management].

4 Click [Summary Account Settings].



OKI Printer
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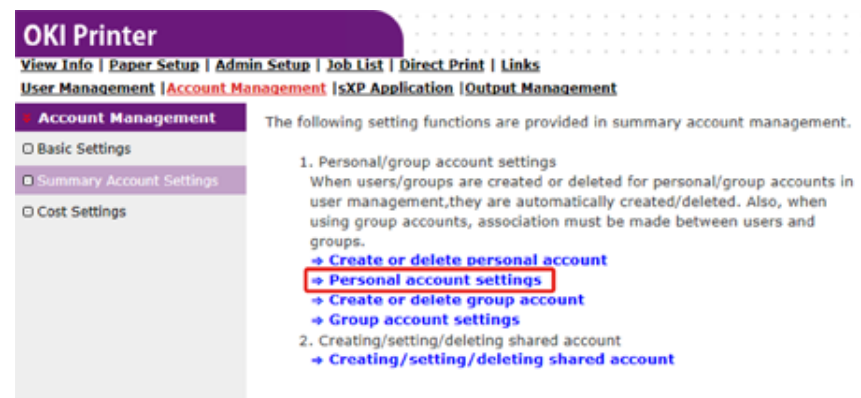
Account Management The following setting functions are provided in summary account management.

- Basic Settings
- Summary Account Settings**
- Cost Settings

1. Personal/group account settings
 When users/groups are created or deleted for personal/group accounts in user management, they are automatically created/deleted. Also, when using group accounts, association must be made between users and groups.
 → Create or delete personal account
 → Personal account settings
 → Create or delete group account
 → Group account settings

2. Creating/setting/deleting shared account
 → Creating/setting/deleting shared account

5 Click [Personal Account settings].



OKI Printer
[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)
[User Management](#) | [Account Management](#) | [sXP Application](#) | [Output Management](#)

Account Management The following setting functions are provided in summary account management.

- Basic Settings
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 → Create or delete personal account
 → **Personal account settings**
 → Create or delete group account
 → Group account settings

2. Creating/setting/deleting shared account
 → Creating/setting/deleting shared account

6 Click a user whom you set a number of points.

Individual Account Settings	
	Local User Name
1	admin
2	okisw

7 Enter assigned amount, balance, and set operation when balance is insufficient. Points are charged for each print job.



For the balance, you cannot enter a number larger than that for the assigned amount.

Individual Account Settings	
User Name	admin
Assigned Amount *	1500 <small>point(0 - 2,147,483,647)</small>
Balance *	1500 <small>point(-2,147,483,648 - 2,147,483,647)</small>
Operations When Balance is Insufficient	<input type="radio"/> Stop <input checked="" type="radio"/> Continue
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

8 Click [Submit].

Creating a Shared Account

Create a shared account which can be used by the users.

- 1 Open the Web page of the machine.
- 2 Log in as the administrator.
- 3 Click [Account Management].
- 4 Click [Summary Account Settings].
- 5 Click [Creating/setting/deleting shared account].

OKI Printer

[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)
[User Management](#) | [Account Management](#) | [iSXP Application](#) | [Output Management](#)

Account Management

- Basic Settings
- Summary Account Settings
- Cost Settings

The following setting functions are provided in summary account management.

1. Personal/group account settings
 When users/groups are created or deleted for personal/group accounts in user management, they are automatically created/deleted. Also, when using group accounts, association must be made between users and groups.
 → [Create or delete personal account](#)
 → [Personal account settings](#)
 → [Create or delete group account](#)
 → [Group account settings](#)
2. Creating/setting/deleting shared account
 → [Creating/setting/deleting shared account](#)

- 6 Click [+].

Shared Account

Delete

	<input type="checkbox"/>	Shared Account Name
1	<input checked="" type="checkbox"/>	

- 7 Enter [Shared Account Name], [Assigned Amount], and [Balance], and then set [Operation When Balance is Insufficient].

- 8 Set a role which can use the shared account.
 For the role, see "Preparation (For Administrator)".

Shared Account Settings

STEP1 **Creating shared account**

*required input

Shared Account Name *	<input type="text" value=""/>	(Max.32 characters)
Assigned Amount *	<input type="text" value="1500"/>	point(0 - 2,147,483,647)
Balance *	<input type="text" value="1500"/>	point(-2,147,483,648 - 2,147,483,647)
Operations When Balance is Insufficient	<input checked="" type="radio"/> Stop <input type="radio"/> Continue	

STEP2 **Access privileges settings of shared accounts**

Selects the Role to allow the use of shared account that you created.

Role list	<input type="button" value="Add>>"/> <input type="button" value="<<Delete"/>	Role Which Allows Use

- 9 Click [Submit].

Setting Paper Size Points/Toner Points



Only when Point Calculation Type is a default setting, the setting is available on the Web page of the machine. If [Cost Settings] is not displayed, check the Point Calculation Type setting.

Set numbers of points for paper size and Color/Mono (Grayscale). For example, you can set so that bigger size paper needs more points or color printing needs more points than grayscale printing. Points are charged on a page-by-page basis, so when you print two pages, you need twice as much as the set rate.

In addition, you can apply point reduction system for two-sided printing or saving toner to print. The reduction rate for saving toner also depends on [Toner Saving Calculation Setting].

1 Open the Web page of the machine.

[Open the Web Page of This Machine](#)

2 Log in as the administrator.

[Log In as the Administrator](#)

3 Click [Account Management].

4 Click [Cost Settings].

OKI Printer

[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)
[User Management](#) | [Account Management](#) | [IsXP Application](#) | [Output Management](#)

Account Management

- Basic Settings
- Summary Account Settings
- Cost Settings**

The cost is expressed as points for the usage of paper and toner. For cost management, using the formula below, a function to calculate usage is provided.

Formula to calculate usage

Usage amount for 1 page=

$$(Paper\ size\ points \times duplex\ printing\ discount\ rate) +$$

$$(toner\ points\ used \times toner\ saving\ discount\ rate)$$

- Paper size points and duplex printing discount settings
 - [Paper Size Points Settings](#)
 - [Duplex Printing Discount Settings](#)
- Toner Points and Toner Saving Discount Rate Settings
 - [Toner Points Settings](#)
 - [Toner Saving Discount Rate Settings\(Only When Toner Saving Calculation Setting is Enable\)](#)

Reset Settings
All changes in cost settings will be returned to default values.

5 Set paper size points, toner points.



The default value for each paper size point is calculated based on the area ratio of the paper to A4 paper.

Paper Size Point Settings

The default paper size point value is the value calculated with the area ratio based on A4.

Paper size	Paper points (0-1,000)	Toner points (0-1,000)	
		Mono(K)	Color(C,M,Y)
A4	18	30	130
A5	8	14	64
A6	4	7	32
C5 Envelope	10	17	77
Chinese 16K(184x260mm)	13	23	99
Chinese 16K(195x270mm)	15	25	109
Chinese 16K(197x273mm)	15	25	112
Com-10 Envelope	7	12	52
Com-9 Envelope	6	10	46
DL Envelope	6	11	50
Envelope1 (Nagagata #3)	8	13	58
Envelope2 (Nagagata #4)	5	8	38
Envelope3 (Yougata #4)	7	11	51
Executive	14	23	102
Hagaki (Japanese postcard)	4	7	30
Index Card	2	4	20

Press Submit to send changes. Press Cancel to clear changes.

6 Set reduction rate for two-side printing and saving toner.

Discount Rate Settings

Double-sided printing discount

 (%)

Toner saving discount rate

Low

 (%)

Middle

 (%)

High

 (%)

Press Submit to send changes. Press Cancel to clear changes.

To restore the factory default settings, click [Reset].

7 Click [Submit].

Printing When Account Management is Enabled

For printing from USB Memory, Shared Print, or Private Print, follow the procedure below.

- 1 Log in to the machine.
- 2 If several accounts are available, select an account to use.



To switch accounts, log out from the current account, and then log in to another account.

- 3 Perform required operation.
When printing from a computer, see "Printing from a Computer".

Precautions when Operating

If the Account Management is enabled and the remaining points run out, printing stops and the job will automatically be deleted after a certain period of time (The factory default setting is 40 seconds.) elapses.

If jobs are not executed, ask your administrator for checking your balance in [Summary Account Settings]. The period of time from when the shortage of points is detected to when the machine deletes the job can be set on the web page of the machine.

If printing stops due to point shortage, you need to cancel the current job or add points and complete printing to execute the next print jobs.



Contact the administrator if you want to check your balance yourself.

Moving/Transporting This Machine

This section describes how to move or transport the machine.

- Moving This Machine
 - Transporting This Machine
-


Moving This Machine

 **CAUTION**

Injury may result.



Lift this machine by 2 persons, because it weighs approximately 24 kg.

- 1 Turn the machine off.
 [Turning the Machine On or Off \(User's Manual\)](#)
- 2 Unplug all the cables.
 - Power cord
 - LAN or USB cable
- 3 Remove any paper from the paper trays.
- 4 Lift up this machine, and then move it to a new location.

Transporting This Machine

CAUTION

Injury may result.



Lift this machine by 2 persons, because it weighs approximately 24 kg.

CAUTION

Burns may result.




Do not touch the fuser, because it is very hot.



- Use extra care when handling the image drum (the green cylinder), because it is fragile.
- Do not expose the image drum to direct sunlight or strong light (approximately 1,500 lux or more). Even under room lighting, do not leave the image drum for five minutes or more.

1 Turn the machine off.

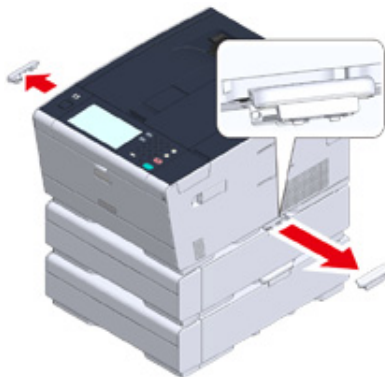
 [Turning the Machine On or Off \(User's Manual\)](#)

2 Unplug all the cables.

- Power cord
- LAN or USB cable

3 Remove any paper from the paper trays.

4 If the optional additional tray unit is installed, remove the 2 lock pieces.



5 Lift up the machine to remove the additional tray unit.



6 Attach the packing material to the machine.



Use the packing box and packing material attached to this machine when purchased.

7 Lift up the machine, and put it in the packing box.

6

Network

AirPrint

Google Cloud Print

Network-Related Software

Network Settings

Network Problems

This section describes the network operation of the machine.

AirPrint

Using AirPrint (Print) allows you to print from a Mac without installing drivers. You can print from an iPhone, iPad and iPod touch with using AirPrint (Print). An overview of AirPrint is provided, and the basic settings are described here.

-
- About AirPrint (Print)
 - Setting AirPrint (Print)
 - Registering the Machine in a Computer (Mac OS X)
 - Printing with AirPrint (Print)
-

About AirPrint (Print)

AirPrint (Print) is a function that enables you to easily print from a Mac. You can print from an iPhone, iPad and iPod touch with using AirPrint (Print). The mobile device or Mac automatically detects this machine.

With AirPrint (Print), you can easily print a photo, e-mail, Web page or other displays on the screen just by tapping the screen a few times.

These features require to connect this machine to a Mac via a wired LAN, wireless LAN, or USB cable.

For more information about AirPrint, visit the Apple Inc. website.


Setting AirPrint (Print)

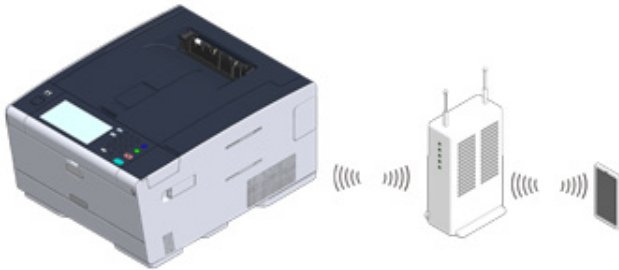
Connect this machine to the same network as a mobile device.

Connect this machine to a mobile device via wireless access points or by wireless LAN (AP mode) directly.


Connect this machine to the access points with a wired or wireless LAN (Infrastructure).

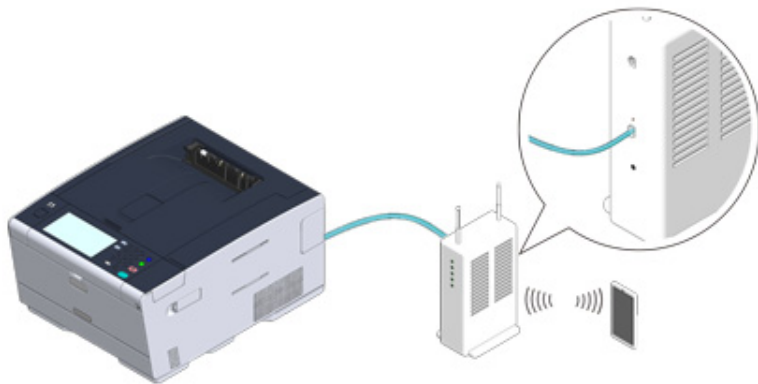
If you want to connect with a wireless LAN (Infrastructure), set the wireless LAN (Infrastructure) in advance.

 [Connecting This Machine to a Computer \(User's Manual\)](#)




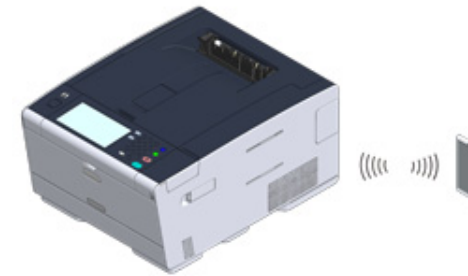
If you want to connect with a wired LAN, connect this machine to the access points with a LAN cable.

 [Connecting This Machine to a Computer \(User's Manual\)](#)



If you want to connect with a wireless LAN (AP mode), set the wireless LAN (AP mode) in advance.

 [Connecting to a Wireless LAN \(AP mode\) \(Only When the Wireless LAN Module is Mounted\)](#)



To use AirPrint from a Mac computer, connect this machine to the Mac.

To print by using AirPrint (Print), you must configure settings from the terminal side. Proceed to "Printing with AirPrint (Print)".

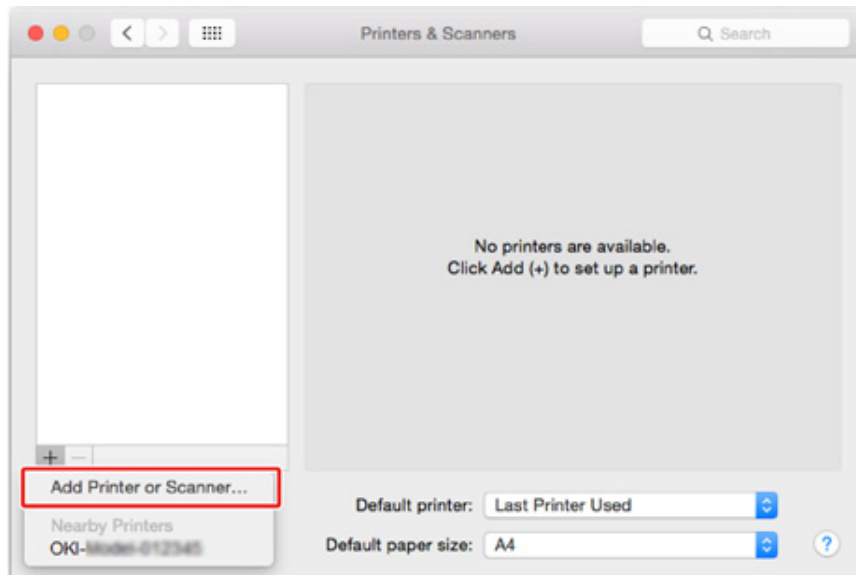
Registering the Machine in a Computer (Mac OS X)

If you use AirPrint (Print) for the first time, you must add the machine to a computer.

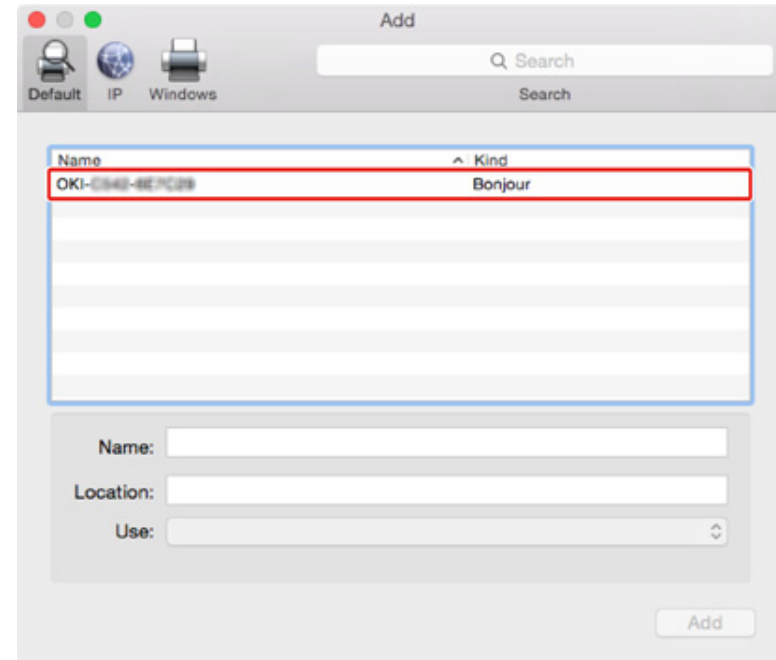


The screen of Mac OS X 10.10 is used as an example.

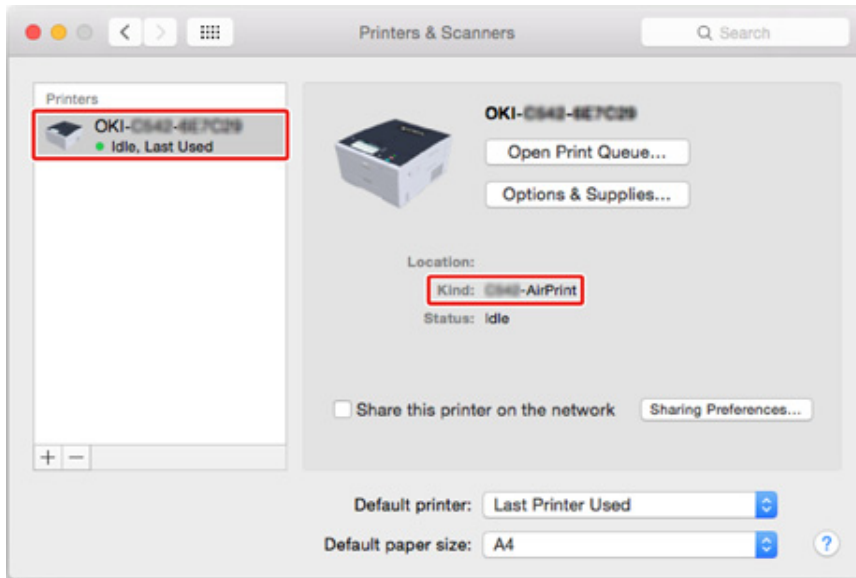
- 1 Turn the machine and computer.
- 2 Connect this machine to the computer with a wired or wireless LAN.
- 3 Select [System Preferences] from the Apple menu.
- 4 Click [Printers & Scanners].
- 5 Click [+], and then click [Add Printer or Scanner].



- 6 Select [OKI-C542-*****] and then click [Add].



- 7 Check that the machine is displayed in [Printers], and [OKI C542-AirPrint] is displayed in [Kind].



- 8 Close [Printers & Scanners].



Printing with AirPrint (Print)

- Printing from an iOS Device
- Printing from a Computer (Mac OS X)

Before using AirPrint with Mac OS X, register this machine on the computer.

- 🔗 Registering the Machine in a Computer (Mac OS X)

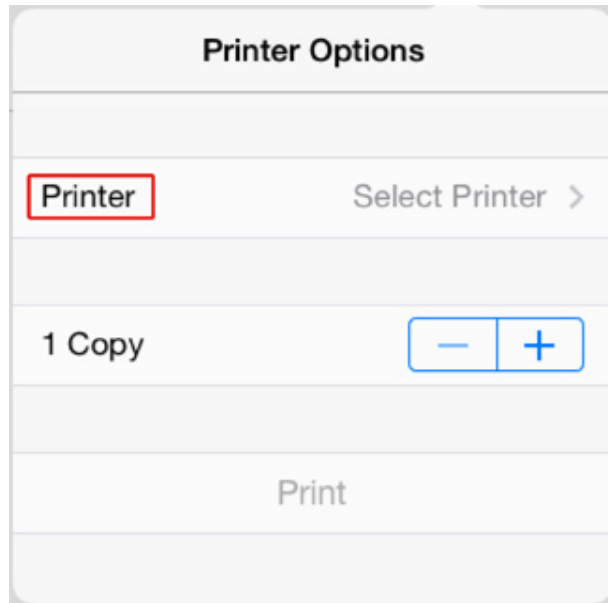
Printing from an iOS Device

- 1 Open a file.
- 2 Tap  (Action).
- 3 Tap  (Print).
The name of the printer model that you used most recently and exists on the same network is displayed.



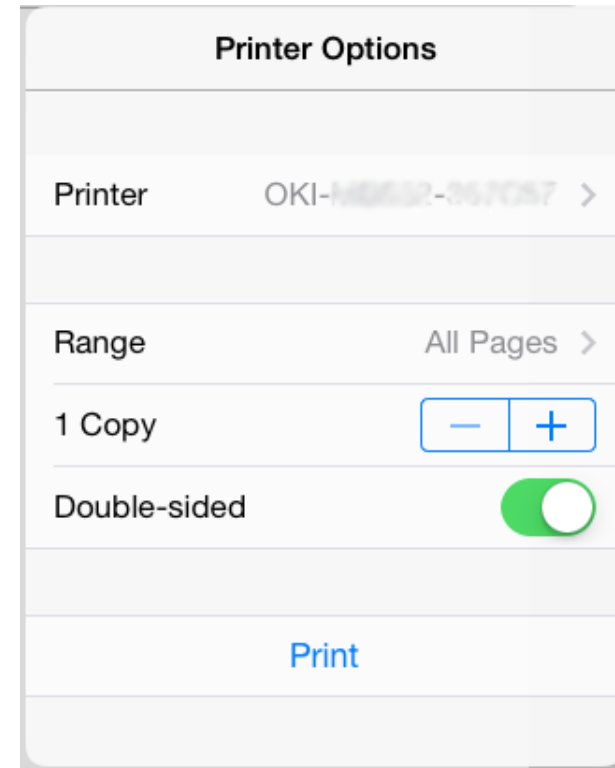
If you print for the first time and any model name other than this machine is displayed, select this machine in step 4.

- 4 Tap [Printer] to select your machine.



The functions that this machine supports are displayed.

- 5 Set options.

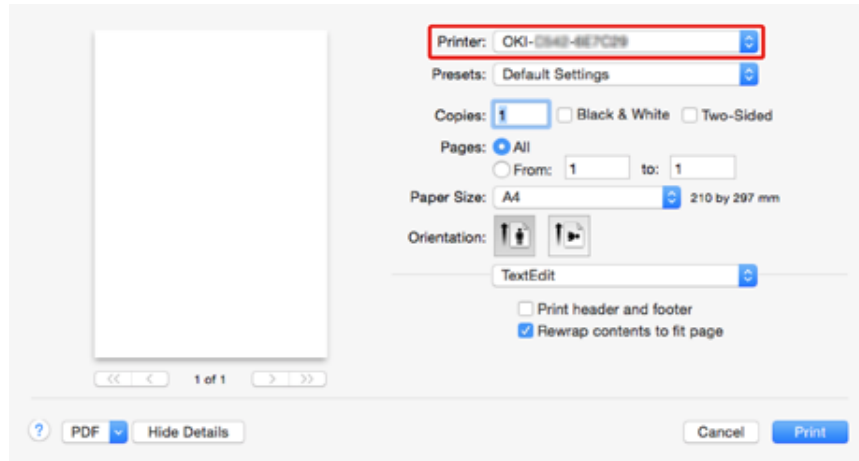


- 6 Tap [Print].

Printing from a Computer (Mac OS X)

- 1 Open a file.
- 2 Select [Print] from the [File] menu.

3 Select [OKI-C542] from [Printer].



4 Set options.

5 Click [Print].

Google Cloud Print

Google Cloud Print is a print service provided by Google that enables you to print from a mobile phone, smartphone, computer, or other network devices. An overview of Google Cloud Print is provided, and the basic settings and management are described here.

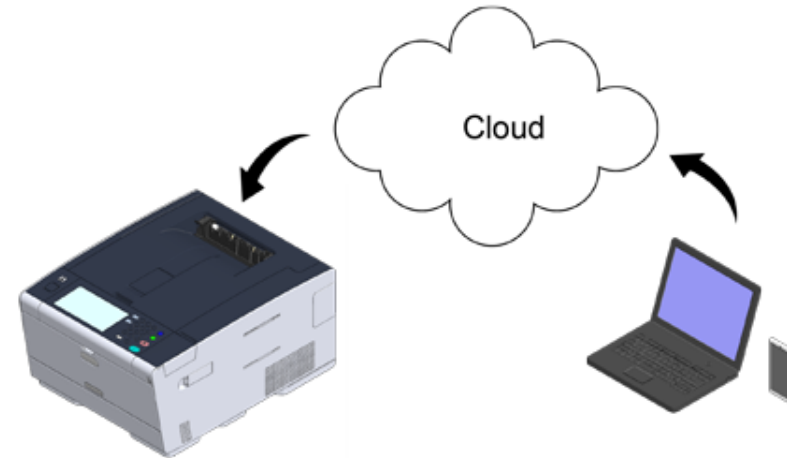
- About Google Cloud Print
- Setting Google Cloud Print
- Printing with Google Cloud Print
- Checking Google Cloud Print Registrations
- Checking or Changing the Use of Cloud Service Settings
- Deleting the Registered Information
- Checking That Deletion is Complete
- About Importing the CA Licenses of the Proxy Server

About Google Cloud Print

The machine supports Google Cloud Print.

Google Cloud Print is a print service that enables you to output data to a printer from a mobile phone, smartphone, computer, or other devices via the Internet.


With Google Cloud Print, you can send documents or images to a specified printer from anywhere. For example, you can print from your computer at home to a printer in your office, or from the application you always use to your printer at home - such printing can be easily achieved. There is no need to install drivers or download software.



To use Google Cloud Print, you must prepare the following.

- **This machine**

When setting Google Cloud Print, the machine must be connected to the Internet.

 [Connecting This Machine to a Computer \(User's Manual\)](#)



Since Google Cloud Print establishes communications via the Internet, it is recommended to employ security measures.

- Restrict communications from the Internet with a firewall or other security system.
- Change the administrator password that is provided by the machine from the default value.

- **Network devices**

The network devices are computers or mobile devices that are connected to the Internet. Set up Google Cloud Print or perform print operations from supported applications.

- **Google account**

This account is required for setting up Google Cloud Print or printing from a supported application.

- **Supported application**

Applications that run on a network device and allow for Google Cloud Print.

For details on supported OSs and applications, visit the Google Web site. The recommended browser is Google Chrome.

 [Google Web site \(http://www.google.com/cloudprint/learn/apps.html\)](http://www.google.com/cloudprint/learn/apps.html)

- **Network**

Used between the network devices and the Cloud, and the Cloud and the machine.

Google Cloud Print does not support IPv6.

Setting Google Cloud Print

To use Google Cloud Print, a Google account is required. This section describes how to register the machine in Google Cloud Print using a Google account.

If you already have an account, there is no need to create a new account. Proceed to step 3.



- To enter the [Google Cloud Print] menu, the administrator name and password are required. The factory default administrator name and password are "admin" and "999999" respectively.
- Although this manual describes the procedure for setting the servers from the operator panel, it is recommended to set the servers from the Web page of this machine if you can operate from a computer.
To check from the Web page, select [Admin Setup] > [Network] > [TCP/IP] in "About Items That Can be Set or Checked".

1 Access the Google Web site from a computer, smartphone, or other mobile device.

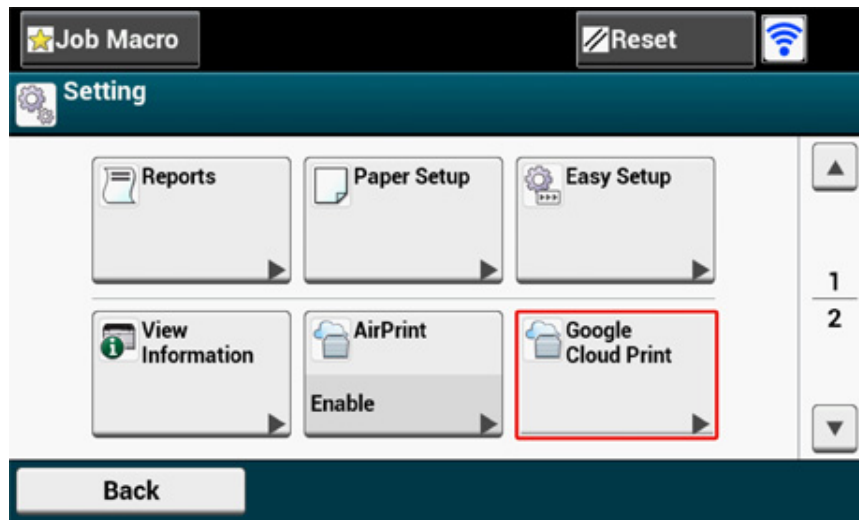
 [Google Web site \(https://accounts.google.com/signup\)](https://accounts.google.com/signup)

2 Create a Google account by following the on-screen instructions.

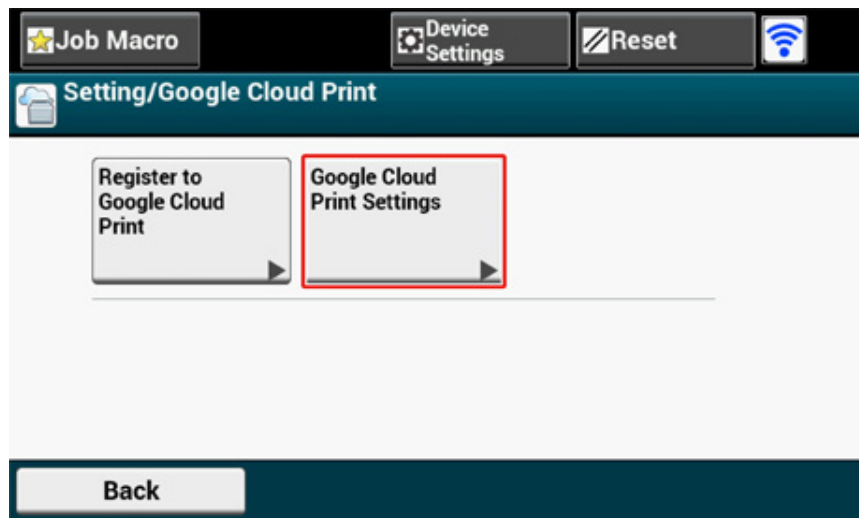
3 Check the IP address, subnet mask, and gateway address of the machine are set correctly.

4 Press [Device Settings] on the touch panel.

- 5 Press [Google Cloud Print].

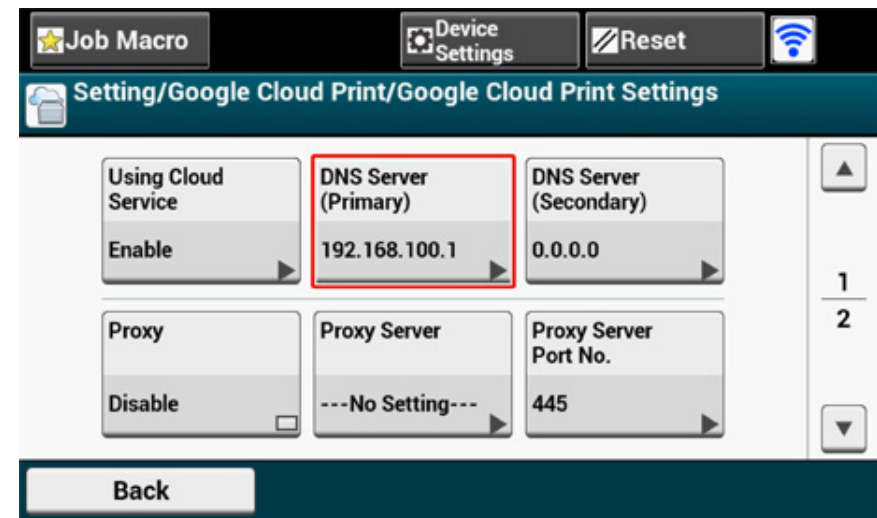


- 6 Press [Google Cloud Print Settings].

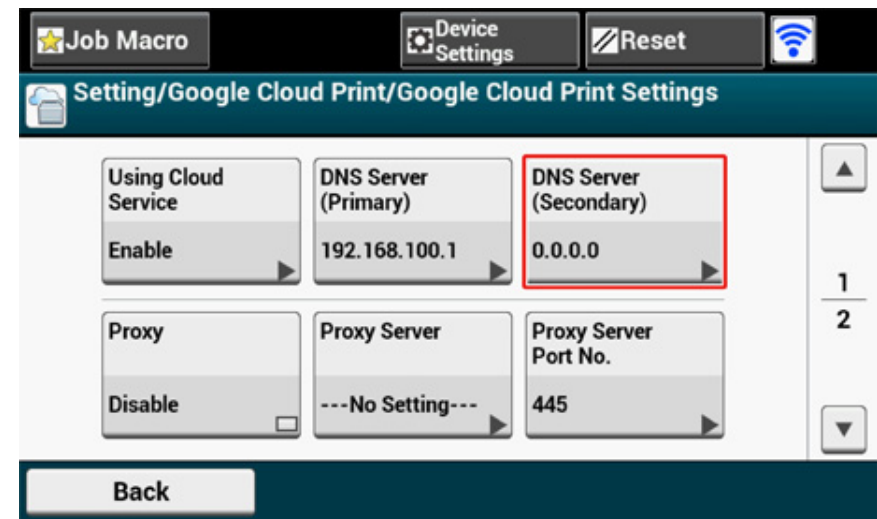


- 7 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.

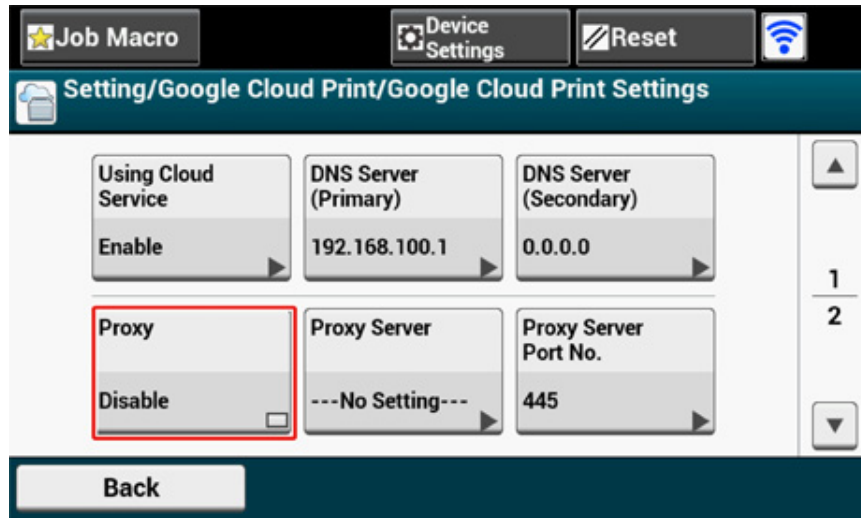
- 8 Check the [DNS Server (Primary)] setting value.
Since [0.0.0.0] indicates that the value is not set correctly, set the IP address that suits your environment.



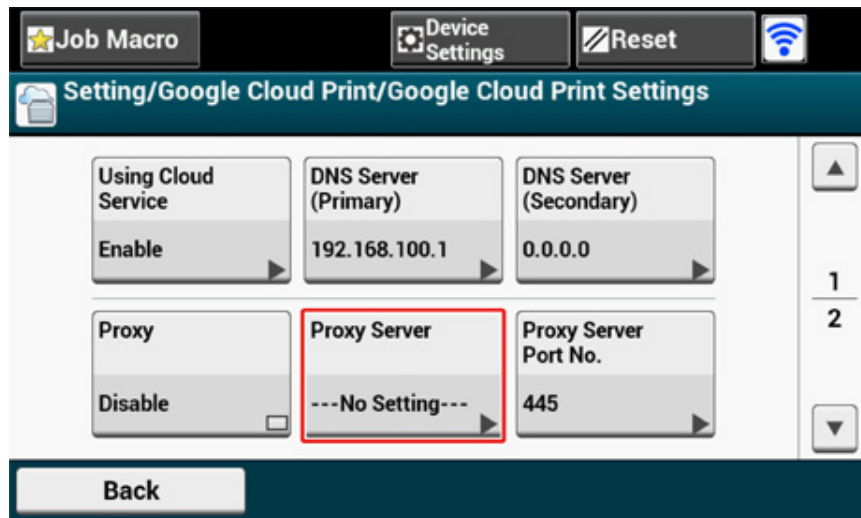
If the secondary DNS server is used, check the [DNS Server (Secondary)] setting value.



If the proxy server is used, press [Proxy] to [Enable], and then proceed to step 9.



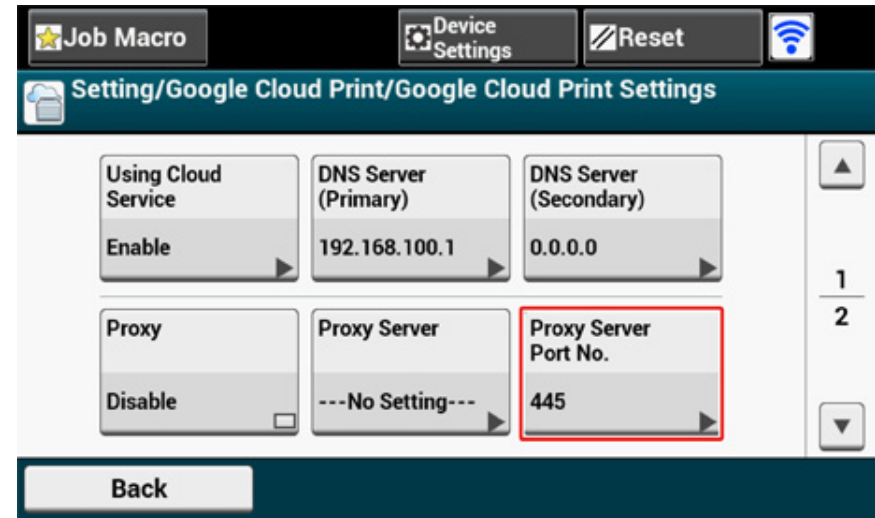
9 Press [Proxy Server].



10 Enter a server name.
You can enter up to 64 characters.

11 Press [OK].

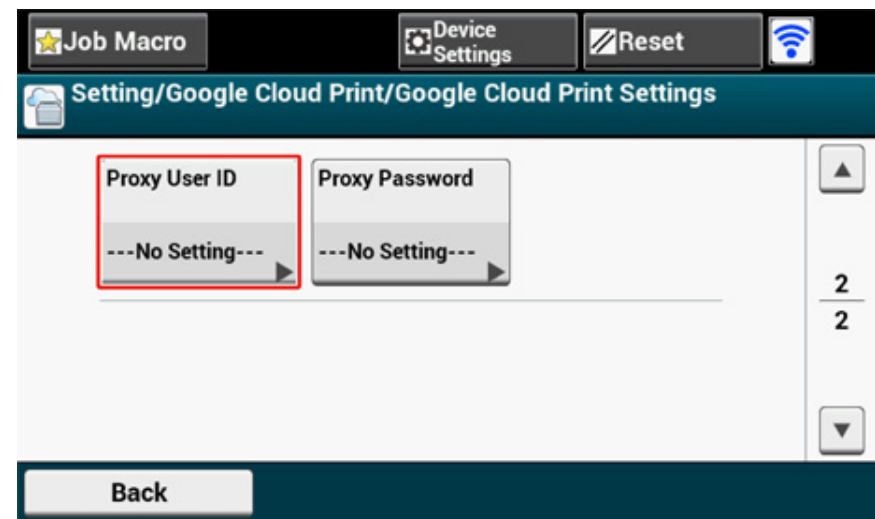
12 Press [Proxy Server Port No.].



13 Enter the proxy server port number.

14 Press [OK].

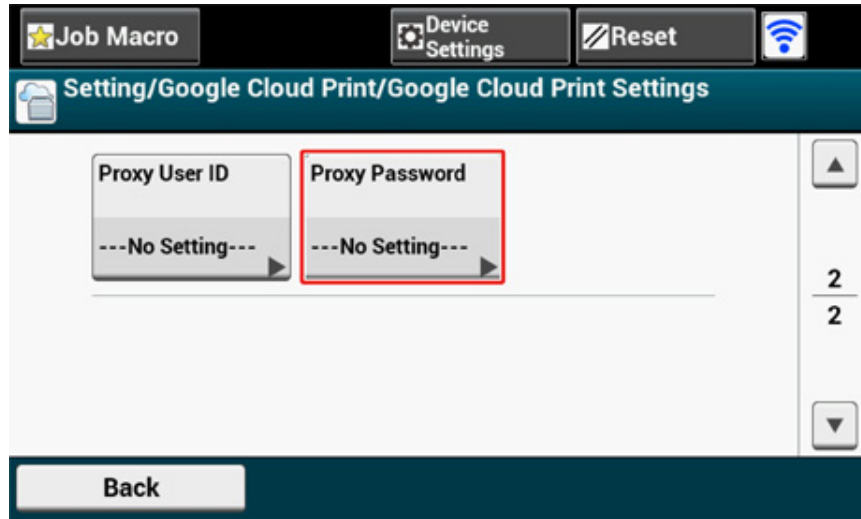
15 Press [Proxy User ID].



- 16** Enter the proxy user ID.
You can enter up to 64 characters.

- 17** Press [OK].

- 18** Press [Proxy Password].



- 19** Enter the proxy password.
You can enter up to 64 characters.

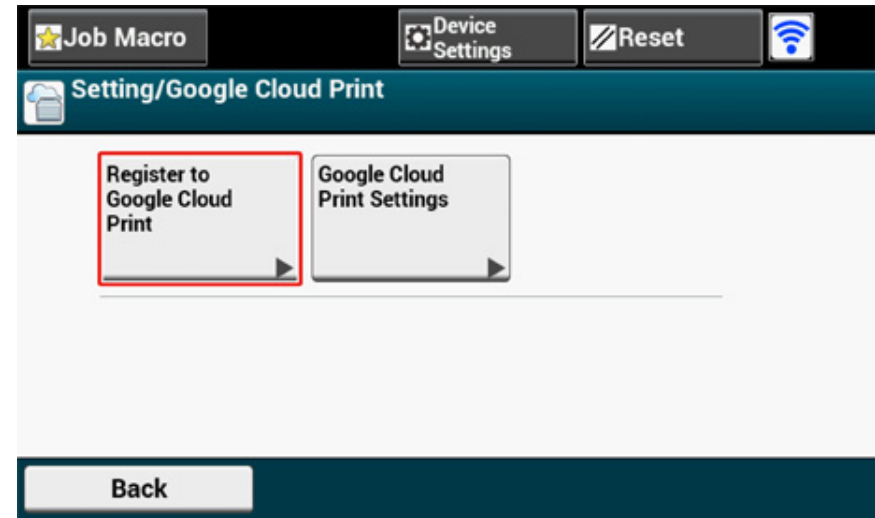


For the setting values, contact your network administrator.

- 20** Press [OK].

- 21** Press [Back] to return to the [Google Cloud Print] menu.

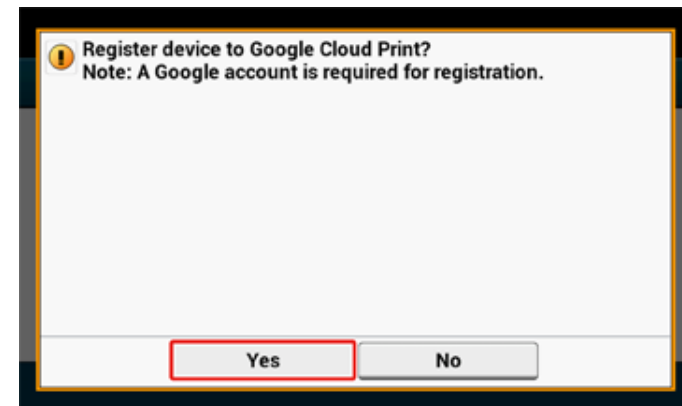
- 22** Press [Register to Google Cloud Print].



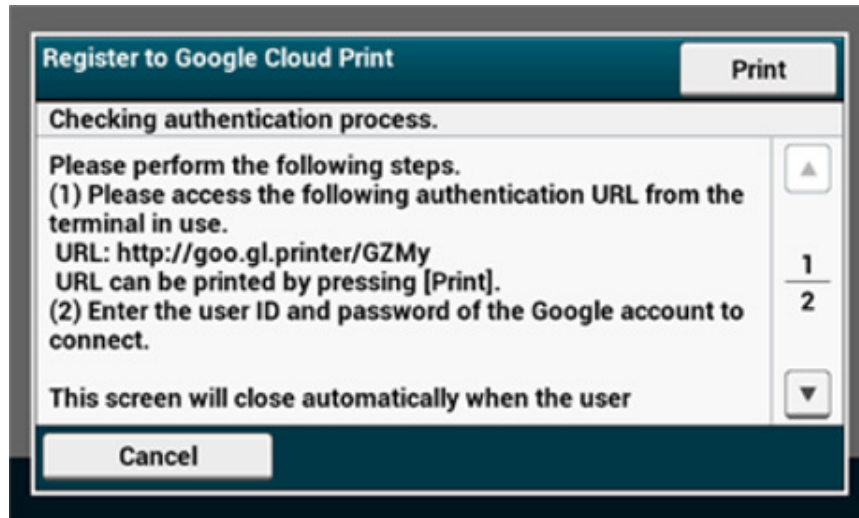
- 23** Enter the administrator name and password and press [OK].

The factory default administrator name and password are "admin" and "999999" respectively.

- 24** When the [Register device to Google Cloud Print? Note: A Google account is required for registration.] message is displayed, select [Yes].



25 The authentication destination URL is displayed.



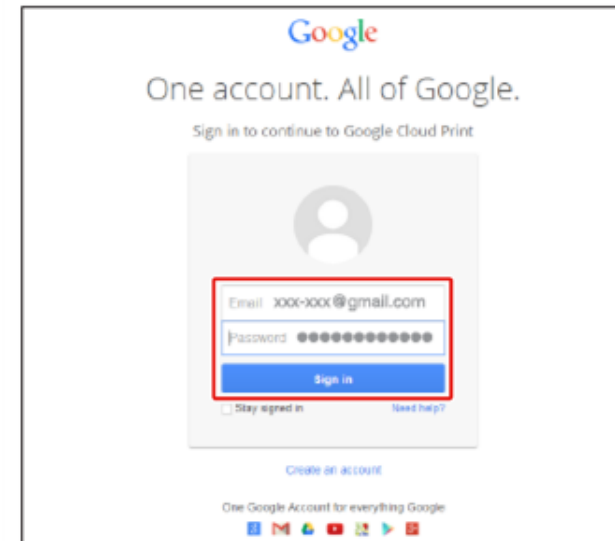
Press [Print] and the authentication destination URL is printed.



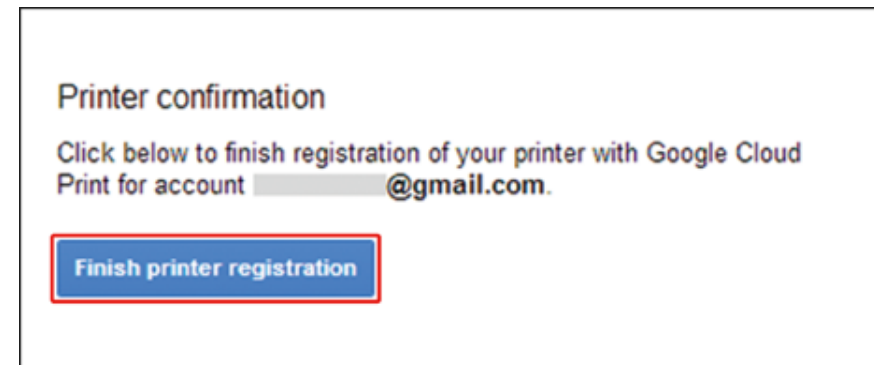
- There is a time restriction for registration (authentication) processing (approximately 10 minutes).
- Proceed to step 30 within the time restriction to complete the registration.
- If you cannot complete within the time restriction and an error message is displayed, return to step 22, and then register again.

26 Access the authentication destination URL that you printed in step 25 from a computer or mobile device.

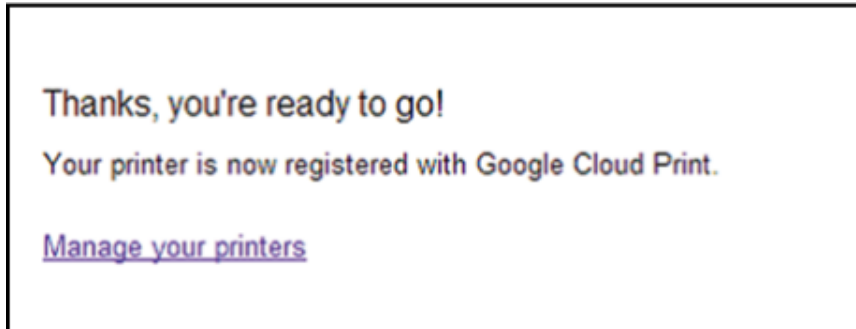
27 When the Google account login screen is displayed, enter the Google account information, and then click [Sign in].



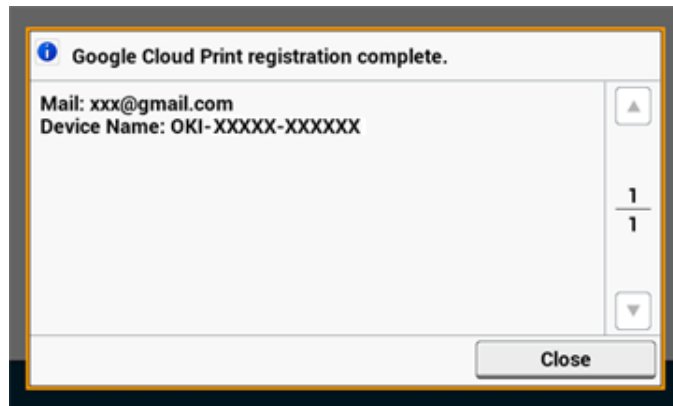
28 When the registration screen is displayed, click [Finish printer registration].



- 29 Wait until the [Thanks, you're ready to go!] message is displayed.



- 30 When the registration content and completion message is displayed on the operator of the machine, check the message by scrolling the screen.



Printing with Google Cloud Print

Printing with Google Cloud Print

- Printing Automatically
- Printing Manually
- Changing Printing Settings
- Cancelling Printing

Set when to start printing when the machine receives print data from Google Cloud Print.



- Set the Google Cloud Print function before using Google Cloud Print.



- Google Cloud Print
- The print quality may not be the same as when printing with the printer driver or printing from the machine.
- PDF files with transparency effects applied may not be printed correctly.
- Encrypted PDF files may not be printed.

Printing Automatically

When the machine receives the print data, it is automatically printed.

- 1 Check that the machine is turned on.
- 2 Start an application that supports Google Cloud Print from a computer or mobile device.



Google Cloud Print supports Google Chrome, Gmail, Google Drive, or other applications.


- 3 Tap the wrench icon or the drop-down list in the application, and then select [Print] from the displayed drop-down list.
- 4 Select the registered machine on the displayed screen.
- 5 Set the printing settings, and then print.

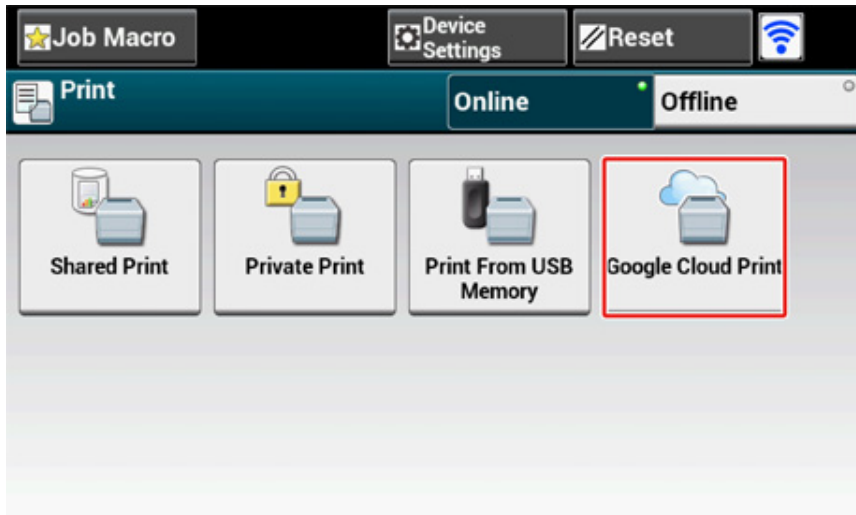


- To print, use the Google account that you used to register the machine in Google Cloud Print.
- To print with a different Google account, you must set the [Share] settings that are provided by the Google Cloud Print service.

Printing Manually

Print manually if you cannot print automatically or you want to print immediately after receiving data.

- 1 Check that the machine is turned on.
- 2 Press [Print] or the  (PRINT) button.
- 3 Press [Google Cloud Print].



- 4 Press [Yes] on the confirmation screen.
- 5 If the print data exists on the Google Cloud Print service, printing starts.



To print manually, set [Using Cloud Service] to [Enable] or [Pause].

For details on [Using Cloud Service], refer to "Checking or Changing the Use of Cloud Service Settings".

Changing Printing Settings

To change printing settings, select [Option] on the printer selection screen that is displayed when you print from a supported application.


You cannot change printing settings from the machine.

Cancelling Printing

To cancel during printing, cancel from the machine.

 [Cancelling a Print Job \(User's Manual\)](#)

To cancel before printing, delete a print job from the management screen of Google Cloud Print.

 [The Google Cloud Print administrator screen \(https://www.google.com/cloudprint\)](https://www.google.com/cloudprint)


Checking Google Cloud Print Registrations

- Checking from the Management Screen of Google Cloud Print
- Checking from the Web Page
- Checking from the Operator Panel

You can check whether the machine is registered in Google Cloud Print in one of the following three ways.

Checking from the Management Screen of Google Cloud Print

- 1 Access the Google Web site from a computer, smartphone, or other mobile device.

 The Google Cloud Print administrator screen (<https://www.google.com/cloudprint>)

- 2 Enter the Google account information, and then click [Sign in].

- 3 Click [Print].


The registered printers are displayed.

Checking from the Web Page

- 1 Open the Web page of this machine.

 Open the Web Page of This Machine

- 2 Log in as the administrator.

 Log In as the Administrator

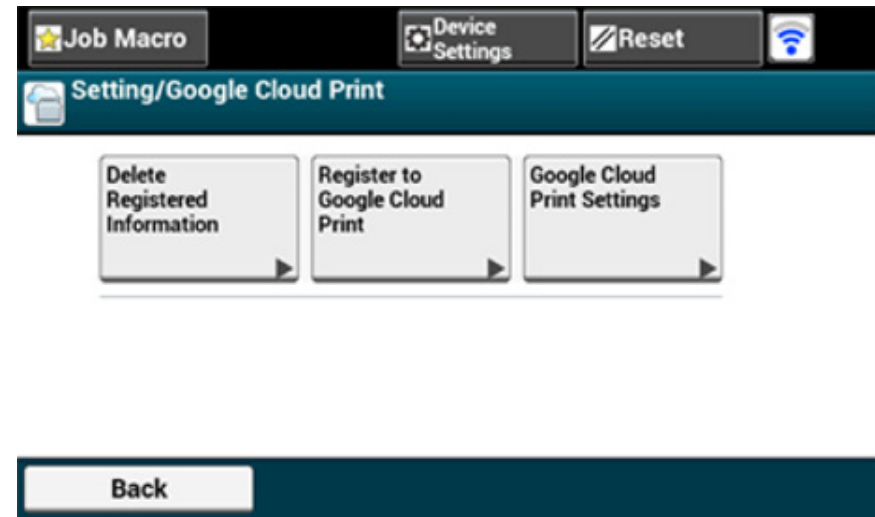
- 3 Click [View Information].

- 4 Click [Network].

- 5 Check that [Registered] is displayed for [Google Cloud Print].

Checking from the Operator Panel

- 1 Press [Device Setting] on the touch panel.
- 2 Press [Google Cloud Print].
- 3 Check that the following three items are displayed.



Checking or Changing the Use of Cloud Service Settings

- Checking the Use of Cloud Service Settings
- Changing from the Web page
- Changing from the Operator Panel

You can check and edit the Google Cloud Print settings.


Checking the Use of Cloud Service Settings

Check the use status of the Cloud service from the Web page of this machine.

- 1 Open the Web page of this machine.

 Open the Web Page of This Machine

- 2 Log in as the administrator.

 Log In as the Administrator

- 3 Click [View Information].

- 4 Click [Network].

- 5 Click [Google Cloud Print].

- 6 Click [Using Cloud Service].

The use status is displayed. There are three use statuses:

Enable: You can print automatically or manually.

Pause: You can print manually. Set this status if you do not want to print automatically.

Disable: You cannot print. Set this status if you want to suspend the use of Google Cloud Print or other cases.


Changing from the Web page

Change the Use of Cloud Service settings from the Web page of this machine.

- 1 Open the Web page of this machine.

 Open the Web Page of This Machine

- 2 Log in as the administrator.

 Log In as the Administrator

- 3 Click [View Information].

- 4 Click [Network].

- 5 Click [Google Cloud Print].

- 6 Click [Using Cloud Service].

- 7 Change settings.

Changing from the Operator Panel

- 1 Press [Device Settings] on the touch panel.

- 2 Press [Google Cloud Print].

- 3 Press [Google Cloud Print Settings].

- 4 Enter the administrator name and password and press [OK].

The factory default administrator name and password are "admin" and "999999" respectively.

- 5 Press [Using Cloud Service].

- 6 Select the type of settings.

Deleting the Registered Information

Delete the information about the machine that is registered in Google Cloud Print by following the procedure below.

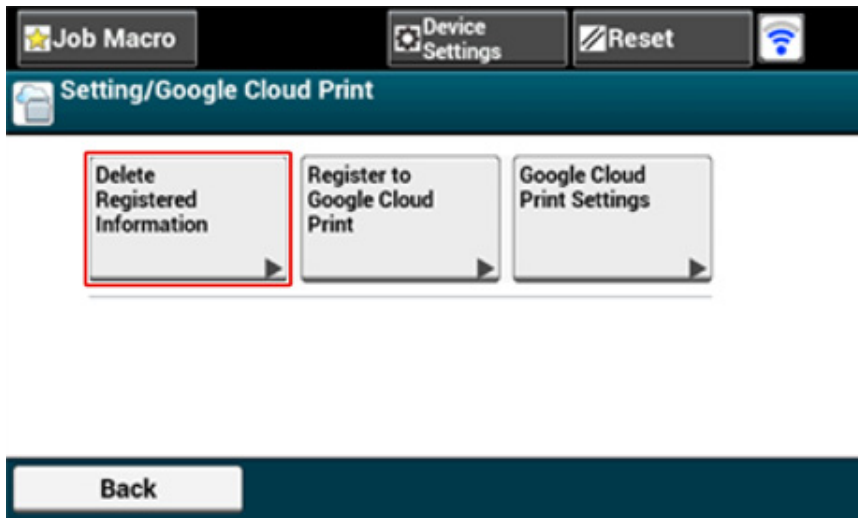
- 1 Check that the machine is connected to a network.



If you delete the information with the machine connected to a network, the registration information on the Google Cloud Print administrator screen is also deleted at the same time.

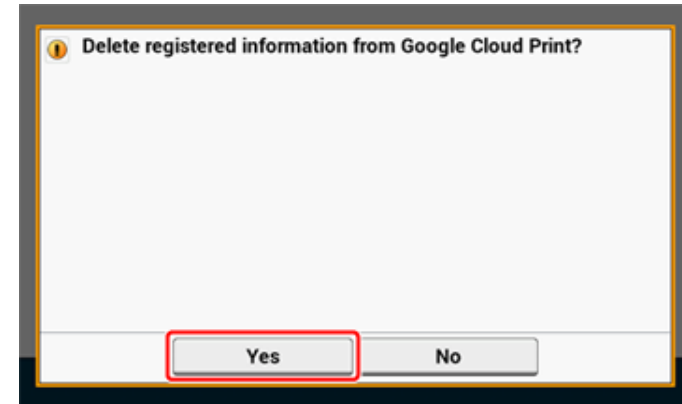
[The Google Cloud Print administrator screen \(https://www.google.com/cloudprint\)](https://www.google.com/cloudprint)

- 2 Press [Device Settings] on the touch panel.
- 3 Press [Google Cloud Print].
- 4 Press [Delete Registered Information].

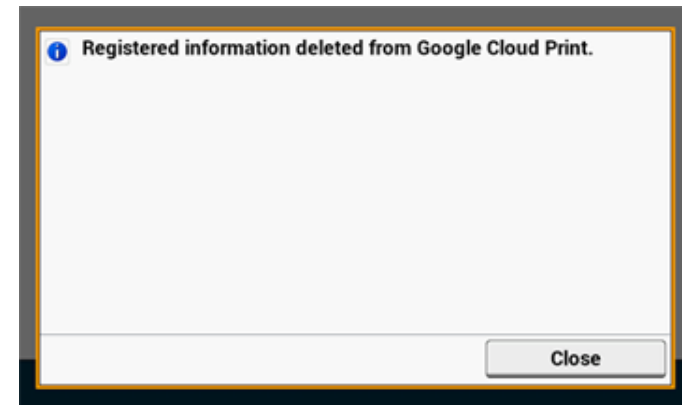


- 5 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.

- 6 Press [Yes] on the confirmation screen.



- 7 When the deletion is complete, the following screen is displayed.




Checking That Deletion is Complete

- Checking from the Management Screen of Google Cloud Print
- Checking from the Web Page
- Checking from the Operator Panel
- If the Registration Information Remains on the Google Cloud Print Administrator Screen
- If You Deleted the Information on the Google Cloud Print Administrator Screen

You can check whether the machine is deleted from Google Cloud Print in one of the following three ways.

Checking from the Management Screen of Google Cloud Print

- 1 Access the Google Web site from a computer, smartphone, or other mobile device.

 The Google Cloud Print administrator screen (<https://www.google.com/cloudprint>)

- 2 Enter the Google account information, and then click [Sign in].

- 3 Click [Print].


Check that the machine is not displayed.

Checking from the Web Page

- 1 Open the Web page of this machine.

 Open the Web Page of This Machine

- 2 Log in as the administrator.

 Log In as the Administrator

- 3 Click [View Information].

- 4 Click [Network].

- 5 Check that [Registered] is displayed for [Google Cloud Print].

Checking from the Operator Panel

- 1 Press [Device Settings] on the touch panel.
- 2 Press [Google Cloud Print].
- 3 Check that the two items, [Register to Google Cloud Print] and [Google Cloud Print Settings] are displayed.

If the Registration Information Remains on the Google Cloud Print Administrator Screen

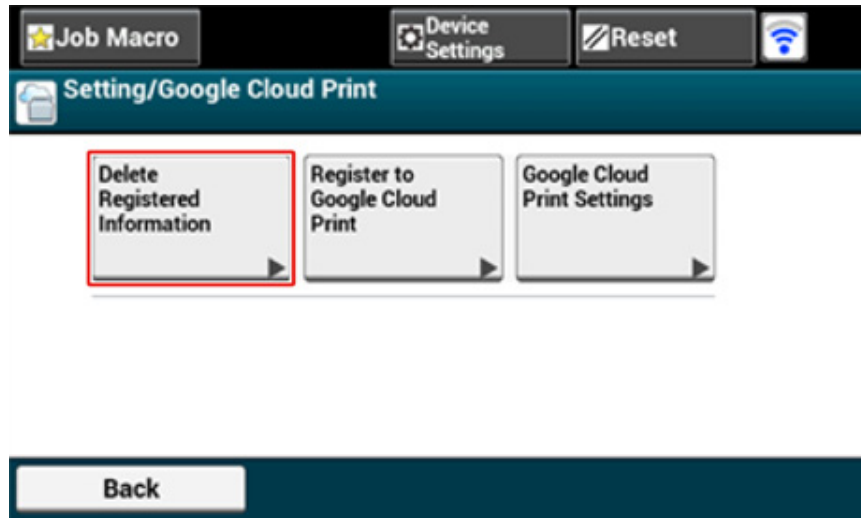
If you delete the registration information by following the procedure in "Deleting the Registered Information" with the machine not being connected to a network, the registered machine may remain on the Google Cloud Print administrator screen (<https://www.google.com/cloudprint>). In such a case, delete the machine on the Google Cloud Print administrator screen.

If You Deleted the Information on the Google Cloud Print Administrator Screen

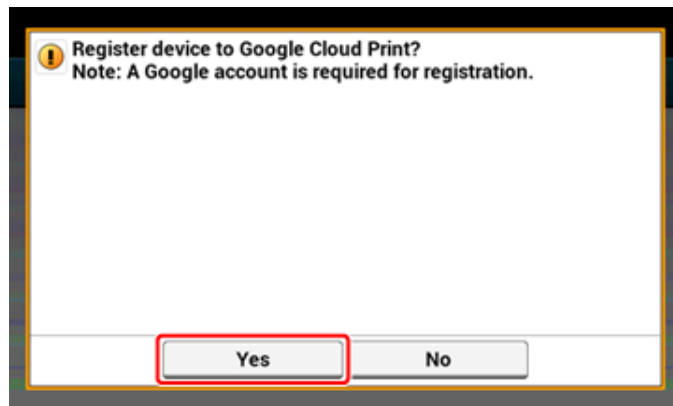
If you deleted the registered machine on the Google Cloud Print administrator screen (<https://www.google.com/cloudprint>), the registration information remains in the machine. In such a case, delete the registration information from the operator panel of the machine.

- 1 Press [Device Settings] on the touch panel.
- 2 Press [Google Cloud Print].

- 3 Press [Delete Registered Information].



- 4 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 5 Press [Yes] on the confirmation screen.



About Importing the CA Licenses of the Proxy Server

You can import the CA licenses from the Web page of this machine ([\(http://\(The IP address of this machine\)\)](http://(The IP address of this machine))).

Specify the certificate that is issued by the certificate authority trusted by the proxy server. You can import a PEM, DER, and PKCS#7 files.



For details on your network, contact your network administrator.

Network-Related Software

This section describes useful software when using the machine connected to a network.

- **Web Page of This Machine**
- **Configuration Tool**
- **OKI LPR Utility**
- **Network Extension**
- **Network Card Setup (Mac OS X)**

Network Settings

This section describes how to connect the machine to a network and to set up the network.

- Using Wired LAN and Wireless LAN at the Same Time (Only When the Wireless LAN Module is Mounted)
- Connecting to a Wireless LAN (Infrastructure) (Only When the Wireless LAN Module is Mounted)
- Connecting to a Wireless LAN (AP mode) (Only When the Wireless LAN Module is Mounted)
- Initializing the Network Settings
- Setting the DHCP Server

Using Wired LAN and Wireless LAN at the Same Time (Only When the Wireless LAN Module is Mounted)

You can connect this machine to the wired and wireless LAN simultaneously.

The available combinations are as follows.

✓ :Enable, ✗ :Unable

Connected with LAN cable	Wireless (Infrastructure)	Wireless (AP Mode)
✓	✓	✗
✓	✗	✓



Wireless(Infrastructure) and Wireless(AP Mode) cannot be enabled at the same time.

If a wired LAN and wireless LAN are connected to the same subnet, the communication may be unstable.

Setting up [Enabling Default Gateway]

To use a wired LAN and wireless LAN simultaneously, only interfaces whose default gateway is enabled can communicate with devices out of the segment.

- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press [Network Menu].
- 5 Press [Network Setup].
- 6 Press [Network Setting].
- 7 Press [Enabling Default Gateway].
- 8 Select Wired or Wireless.

Connecting to a Wireless LAN (Infrastructure) (Only When the Wireless LAN Module is Mounted)

Connect this machine to a network with a wireless LAN.



Wireless LAN module (optional) is required.

Read the following cautions carefully before using this machine in a wireless LAN environment.

- Wireless(Infrastructure) and Wireless(AP Mode) cannot be enabled at the same time.
- If the machine is used in a wireless network environment, the machine does not enter Deep Sleep mode but enters Sleep mode.
- Install this machine in a place with a good view and near a wireless access point. (We suggest that the distance between the machine and the wireless device be 30 m or less.)
- Do not place any electric products that emit weak radio waves (such as microwaves or digital cordless telephones) close to the machine.
- If there is metal, aluminum sash, or a reinforced concrete wall between the machine and wireless LAN access points, connections may be harder to be established.
- The communication speed of a wireless LAN connection may be slower than that of a wired LAN or USB connection depending on the environment. If you want to print big data such as a photo, it is recommended to print with a wired LAN or USB connection.

• Preparing to use a wireless LAN

The machine can connect to a wireless LAN environment via wireless LAN access points (WPS supported).

Check if your wireless devices match the following requirements.

Item	Value
Standard	IEEE 802.11 a/b/g/n
Access method	Infrastructure mode



• Checking the wireless LAN setting method

Check whether your wireless LAN access point supports WPS, and then select a setting method.

If your access point supports WPS, refer to "Connecting with WPS", and if you are not sure whether your access point supports WPS, refer to "Selecting a Wireless LAN Access Point from the Operator Panel to Connect".

• Connecting with WPS

If a wireless LAN access point supports WPS, you can connect to the wireless LAN with the WPS button.

• Selecting a Wireless LAN Access Point from the Operator Panel to Connect

If a wireless access point does not support WPS, you can specify a wireless LAN access point you want to use from the wireless LAN access points that the printer detects to establish a connection.

- **Setting from the Operator Panel Manually to Connect**

Set the wireless LAN access point information (the SSID, encryption method, and encryption key) manually to connect to the wireless LAN.

- **Checking That Connection is Established Correctly**

This section describes the procedure for checking by using the printer whether a connection to a wireless LAN is properly established.

Connecting with WPS

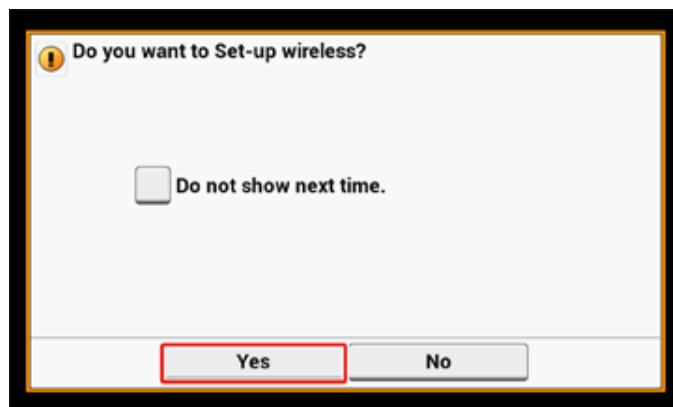
If a wireless LAN access point supports WPS, you can easily connect to the wireless LAN with the easy setup button (WPS button).

Connect by following the procedure below.

- 1 Check the position of the WPS button by referring to the instruction manual that is included in a wireless LAN access point or other document.
- 2 Check that the wireless LAN access point starts and is operating properly.
- 3 Turn the machine on.

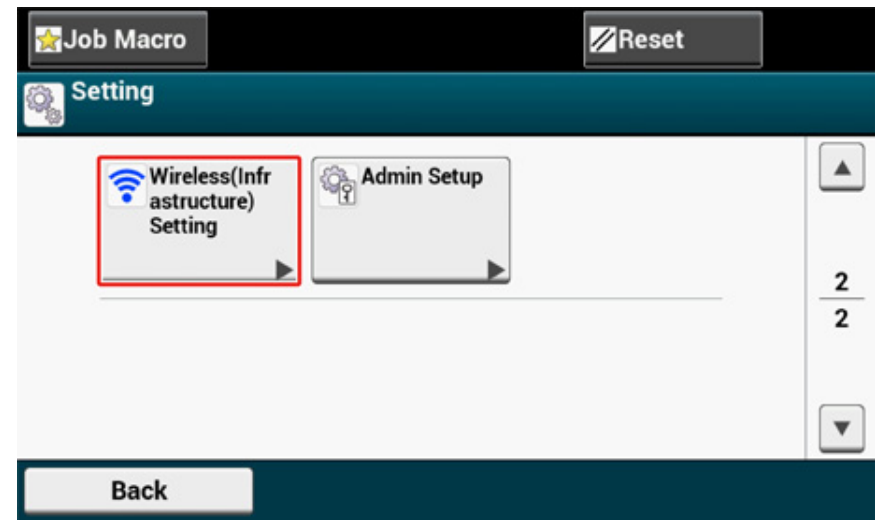


If the following screen is displayed, press [Yes], and then proceed to step 6.

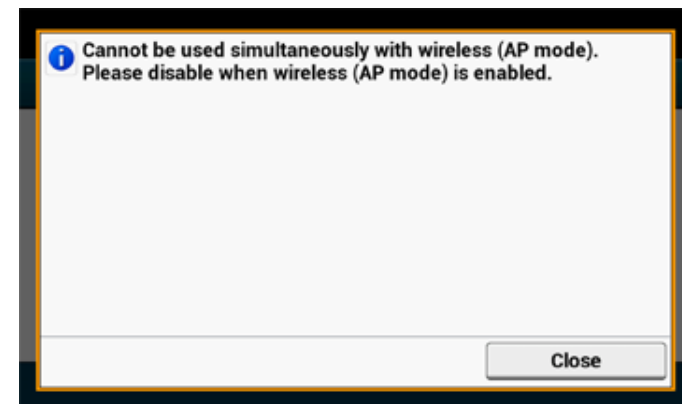


- 4 Press [Device Settings] on the touch panel.

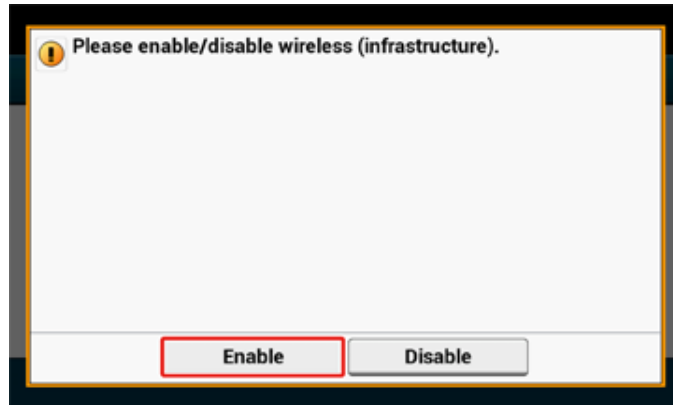
- 5 Press [Wireless(Infrastructure) Setting].



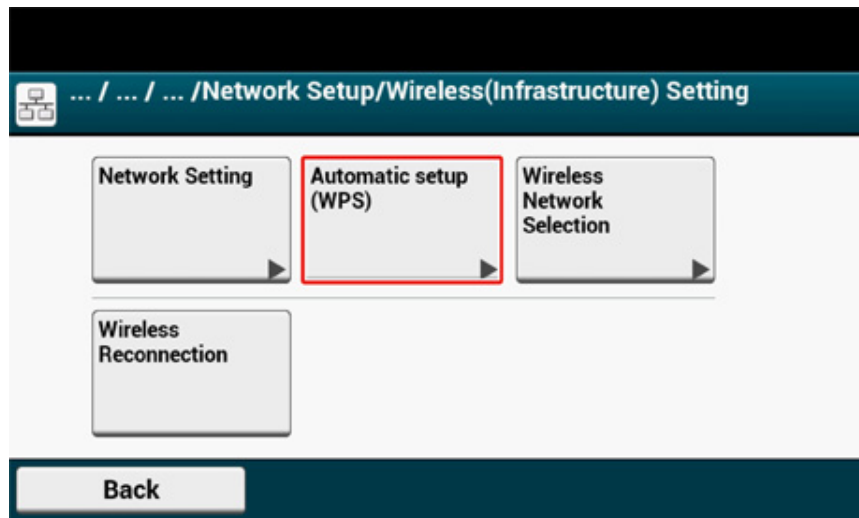
- 6 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
The following message is displayed for approximately 5 seconds.



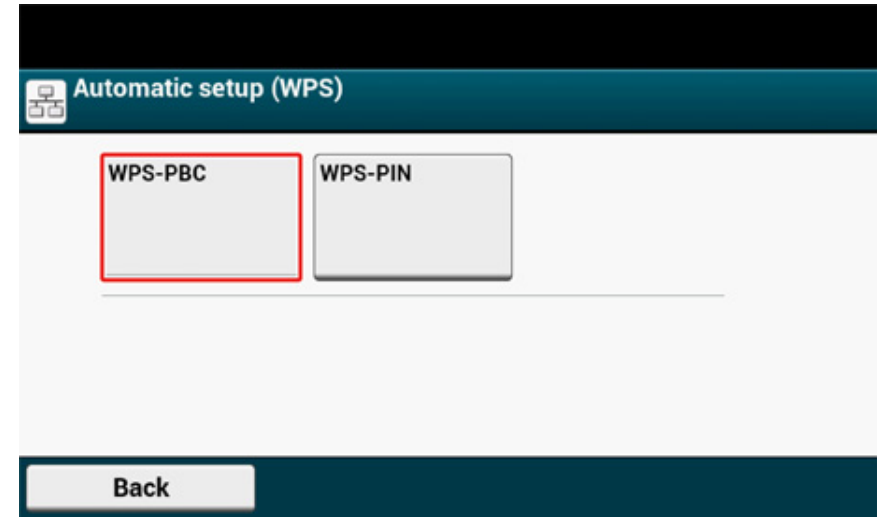
7 Press [Enable].



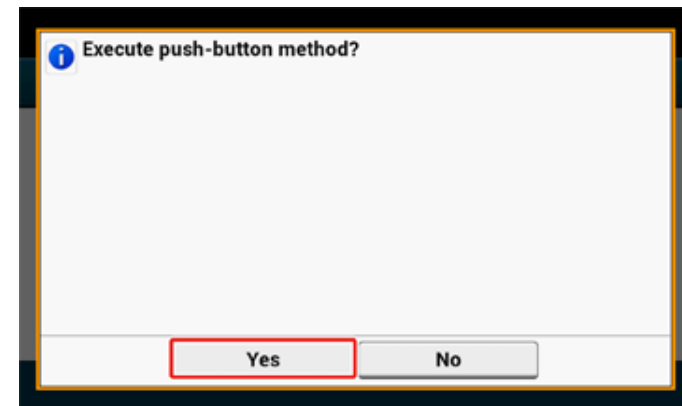
8 Press [Automatic setup (WPS)].



9 Press [WPS-PBC].



10 Press [Yes].

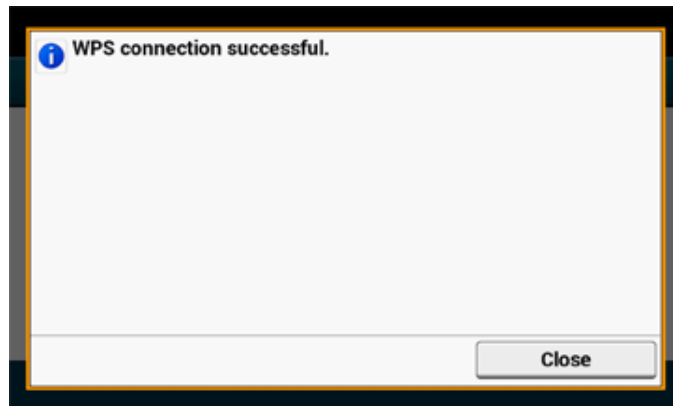


The machine starts searching for wireless LAN access points. The following screen is displayed for approximately 2 minutes, during which press and hold the WPS button for the wireless LAN access point for a few seconds.

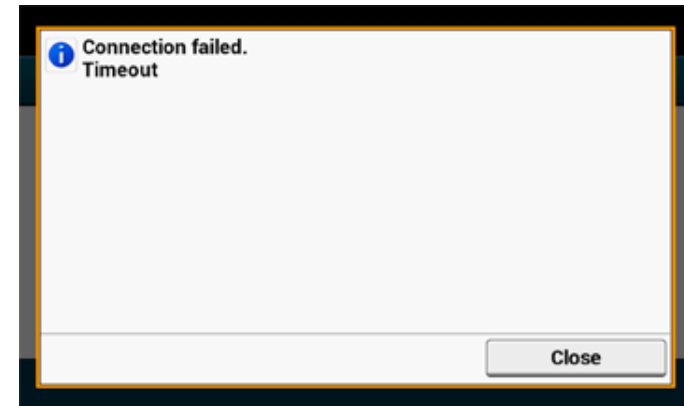


You cannot operate the panel when WPS is in progress.

When the following screen is displayed, the setting of the wireless LAN is complete.



- If the following screen is displayed, repeat the procedure from step 9.



- [Overlap] is displayed when multiple WPS push buttons are pressed almost at the same time at two or more wireless LAN access points and connection is not established. Wait for a while, and then try again.



Checking That Connection is Established Correctly

Selecting a Wireless LAN Access Point from the Operator Panel to Connect

If a wireless LAN access point does not support WPS, you can specify a wireless LAN access point you want to use from the wireless LAN access points that the machine detects to establish a connection. In such a case, you must enter an encryption key.

Set by following the procedure below.

- 1 Check the SSID and encryption key by referring to the instruction manual that is included in a wireless LAN access point or other documents, and write the information down.



- An SSID is also called a network name, ESSID or ESS-ID.
- An encryption key is also called a network key, security key, password or Pre-shared Key.

- 2 Check that the wireless LAN access point starts and is operating properly.

- 3 Turn the machine on.

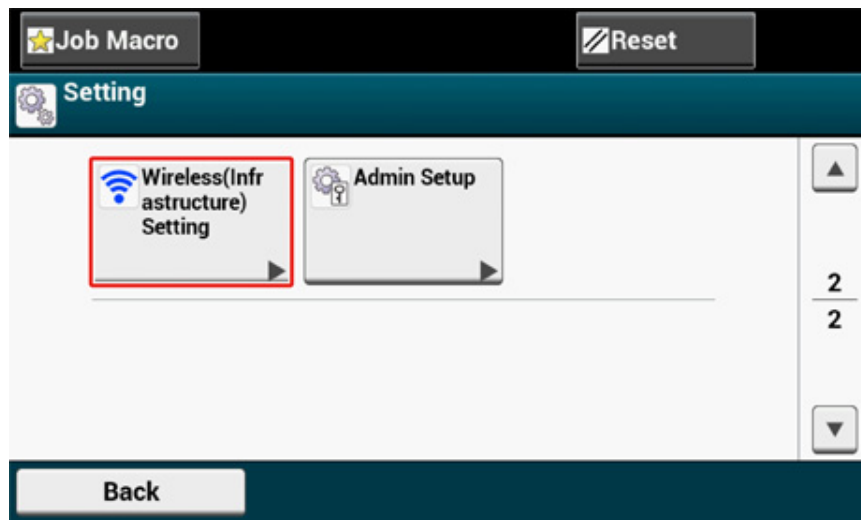


If the following screen is displayed, press [Yes], and then proceed to step 6.



- 4 Press [Device Settings] on the touch panel.

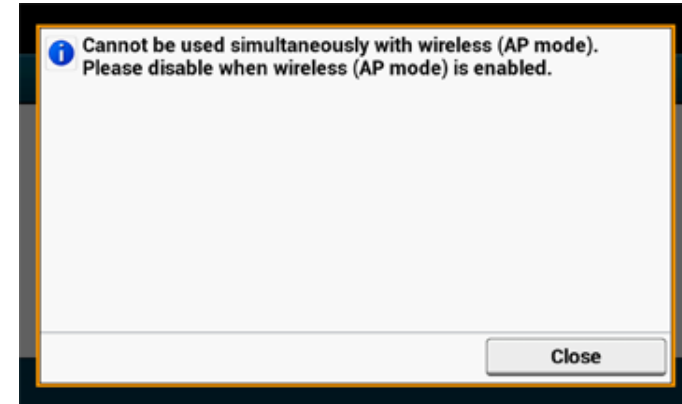
- 5 Press [Wireless(Infrastructure) Setting].



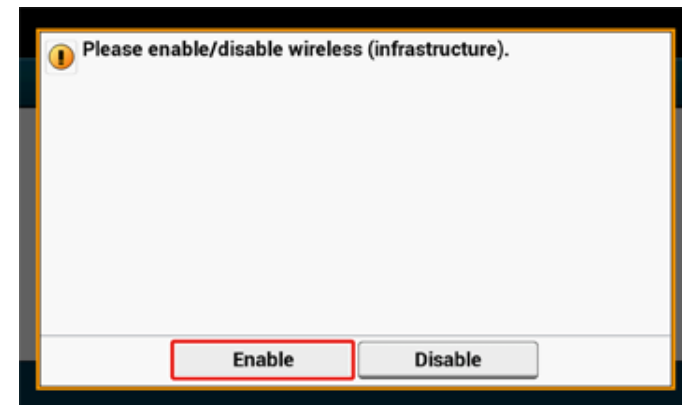
- 6 Enter the administrator name and password and press [OK].

The factory default administrator name and password are "admin" and "999999" respectively.

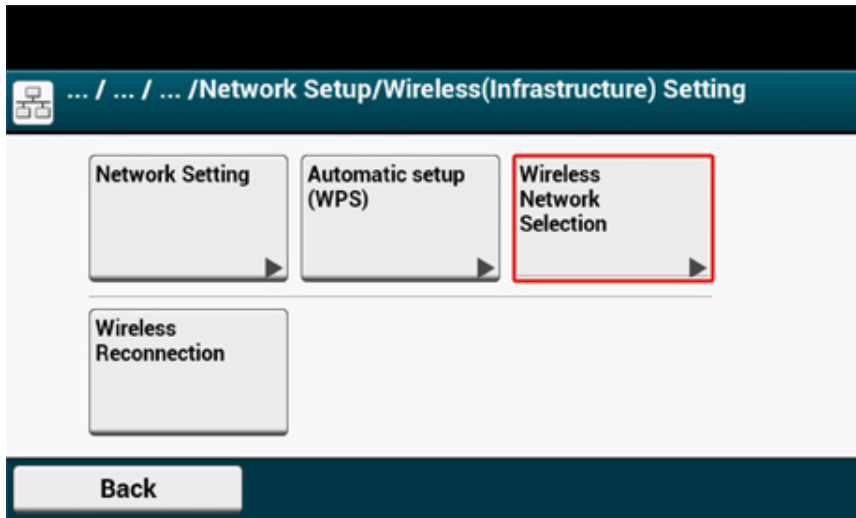
The following message is displayed for approximately 5 seconds.



- 7 Press [Enable].

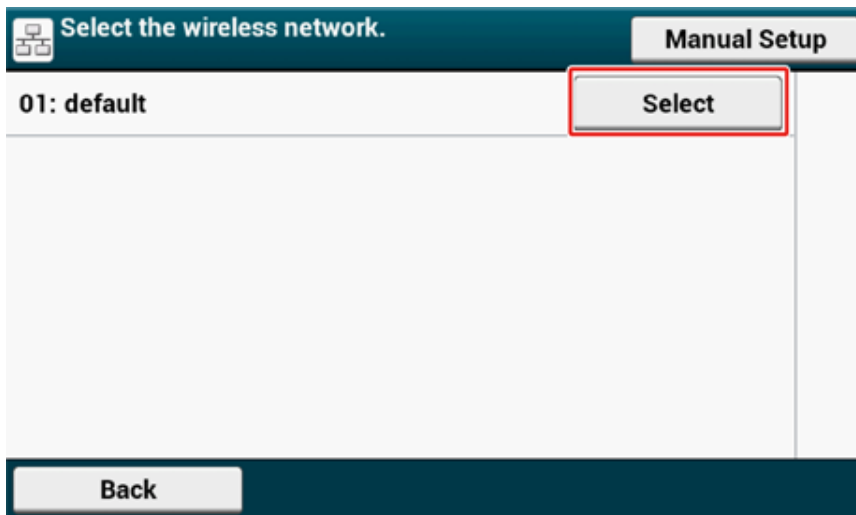


- 8 Press [Wireless Network Selection].



The machine starts searching for wireless LAN access points. Wait for a while.

- 9 Select a wireless LAN access point to connect, and then press [Select].



If only [Manual Setup] is displayed, or the SSID of the wireless LAN access point you want to use is not included in the list, set by following the procedure in "Setting from the Operator Panel Manually to Connect".

The encryption key entry screen that is suitable for the encryption method of the selected wireless LAN access point is displayed.

- 10 Enter the encryption key, and then press [OK].



The encryption key varies depending on the wireless LAN access point or security.

- If the [Enter the Pre-shared Key.] message is displayed

Item	Description
Security	WPA-PSK, WPA2-PSK
Encryption key	Enter the Pre-shared Key.

- If the [To make this setting, make the changes from the web page.] message is displayed

Item	Description
Security	WPA-EAP, WPA2-EAP

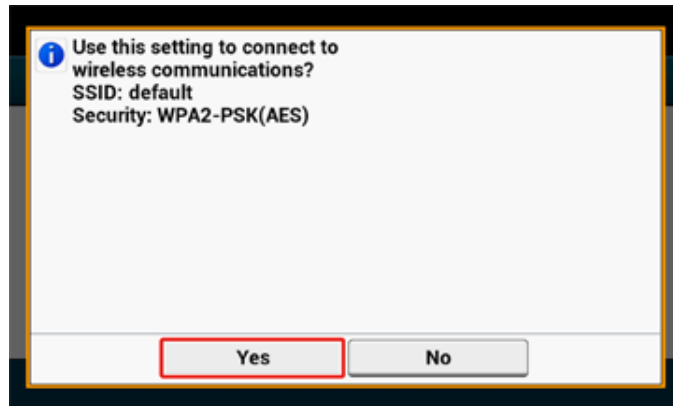
Set from the Web page of this machine.

-  Open the Web Page of This Machine

- If neither of the above two cases is applied

Item	Description
Security	Disable
Encryption key	No entry is required.

- 11 If the displayed SSID is the same as the SSID that you prepared in step 1, press [Yes].



When "Connection successful." is displayed, the setting of the wireless LAN is complete.

If "Connection failed." is displayed, repeat the procedure from step 5.



Checking That Connection is Established Correctly

Setting from the Operator Panel Manually to Connect

Set the wireless LAN access point information (the SSID, encryption method and encryption key) manually to connect to the wireless LAN.

Set by following the procedure below.

- 1 Check the SSID and encryption key by referring to the instruction manual that is included in a wireless LAN access point or other documents, and write the information down.



If the encryption method is WPA-EAP and WPA2-EAP, set from the Web page of this machine.

For details, open the Web page of this machine and click [Admin Setup] > [Network] > [Wireless Setting] > [Manual Setup].

Open the Web Page of This Machine



- An SSID is also called a network name, ESSID, or ESS-ID.
- An encryption key is also called a network key, security key, password, or Pre-shared Key.

- 2 Check that the wireless LAN access point starts and is operating properly.
- 3 Turn the machine on.

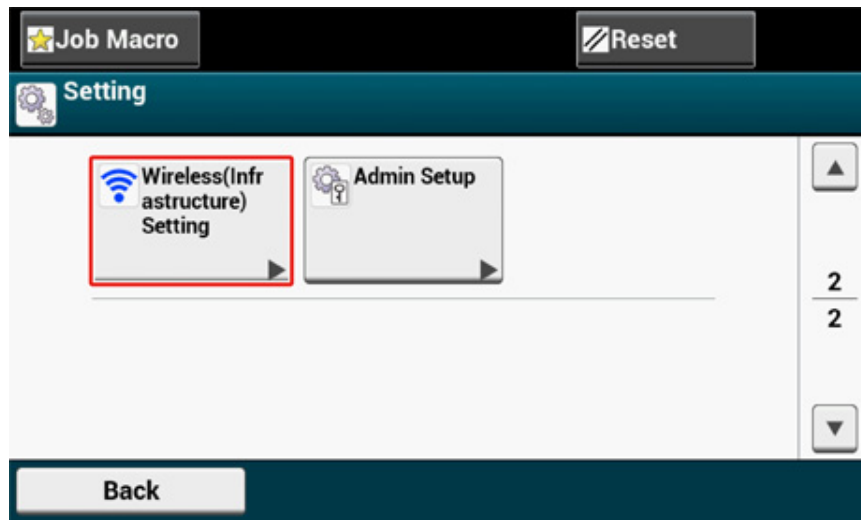


If the following screen is displayed, press [Yes], and then proceed to step 6.



- 4 Press [Device Settings] on the touch panel.

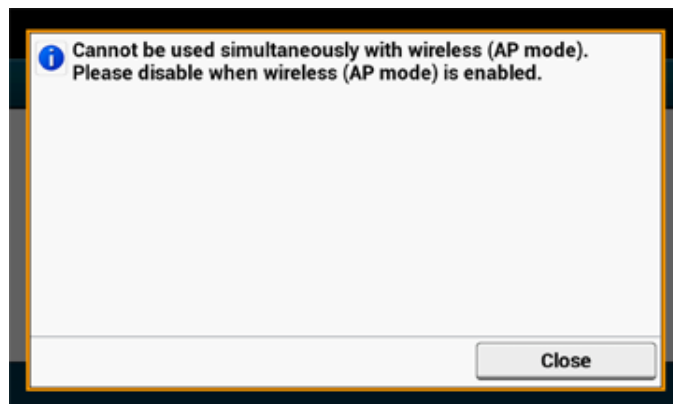
5 Press [Wireless(Infrastructure) Setting].



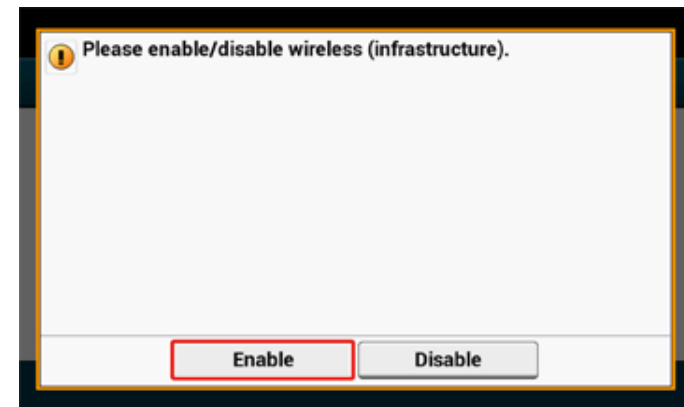
6 Enter the administrator name and password and press [OK].

The factory default administrator name and password are "admin" and "999999" respectively.

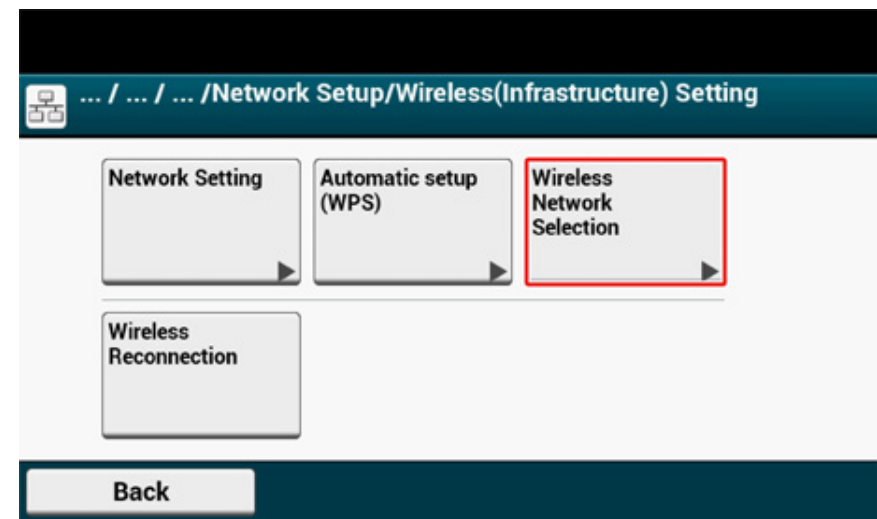
The following message is displayed for approximately 5 seconds.



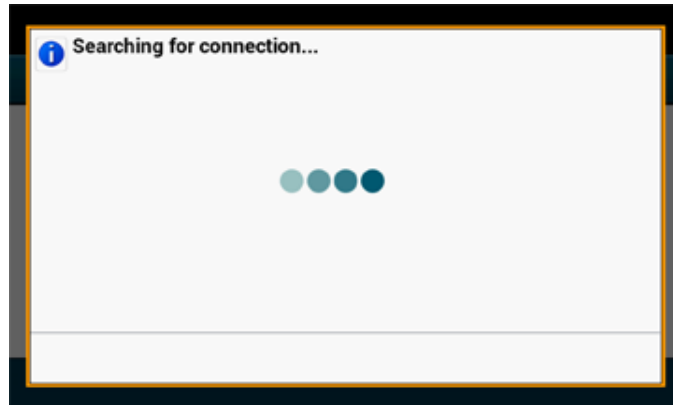
7 Press [Enable].



8 Press [Wireless Network Selection].



The machine starts searching for wireless LAN access points. Wait for a while.



9 Press [Manual Setup].

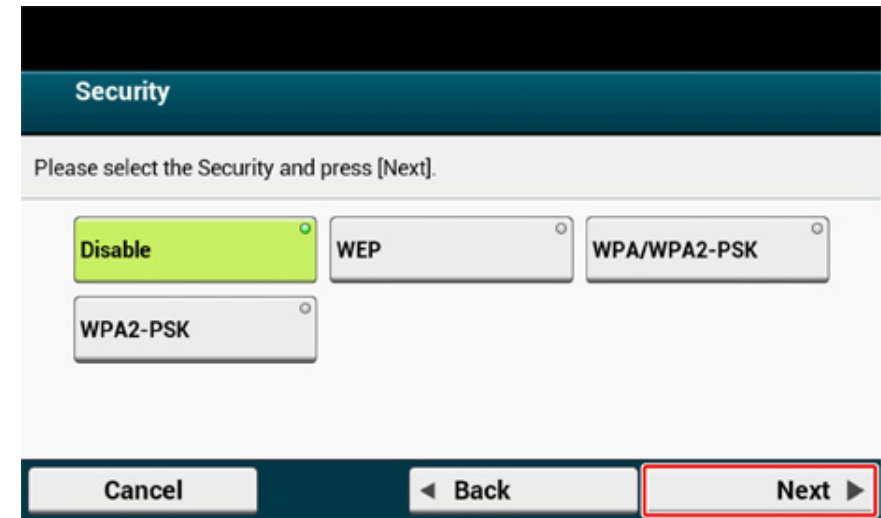


10 Enter the SSID, and then press [Next].



The SSID is case sensitive. Enter the SSID correctly.

11 Select the encryption method that you selected in step 1, and then press [Next].

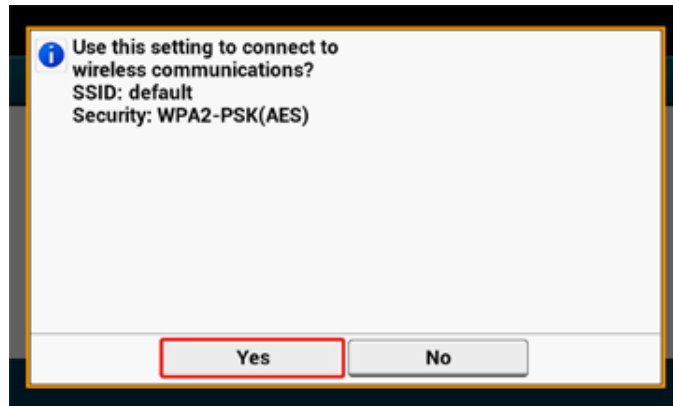


The encryption key varies depending on the wireless LAN access point or security.

12 Select AES and then press [Next].

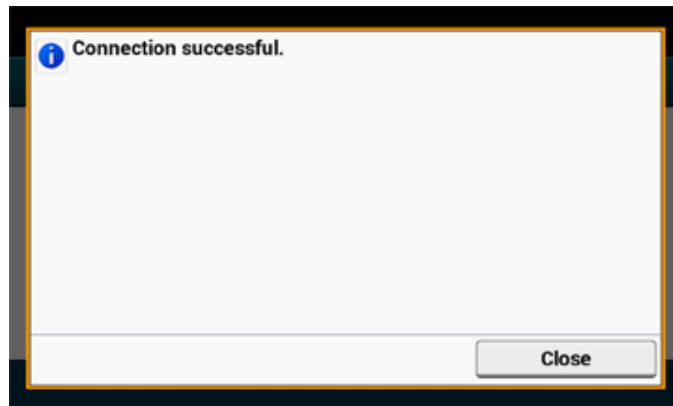
13 Enter the Pre-shared Key, and then press [Next].

- 14 If the displayed content is the same as that you prepared in step 1, press [Yes].



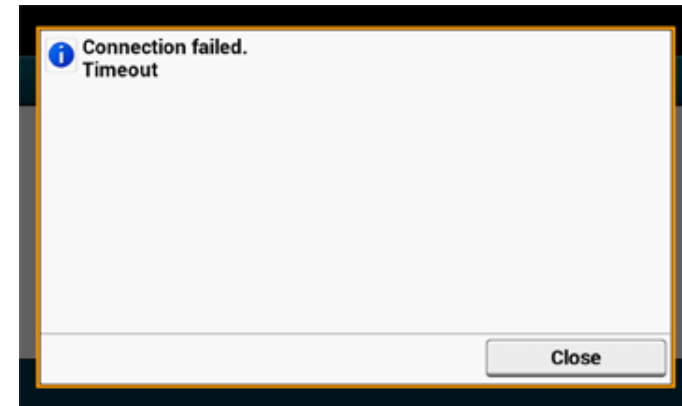
It takes approximately 30 seconds for the machine to detect the wireless LAN access point.

When the following screen is displayed, the setting of the wireless LAN is complete.



If the machine cannot detect the specified wireless LAN access point, the following screen is displayed. In such a case, the specified wireless LAN access point may not

be operating properly, or the entered information (the SSID, encryption method, and encryption key) may be wrong. Check them.



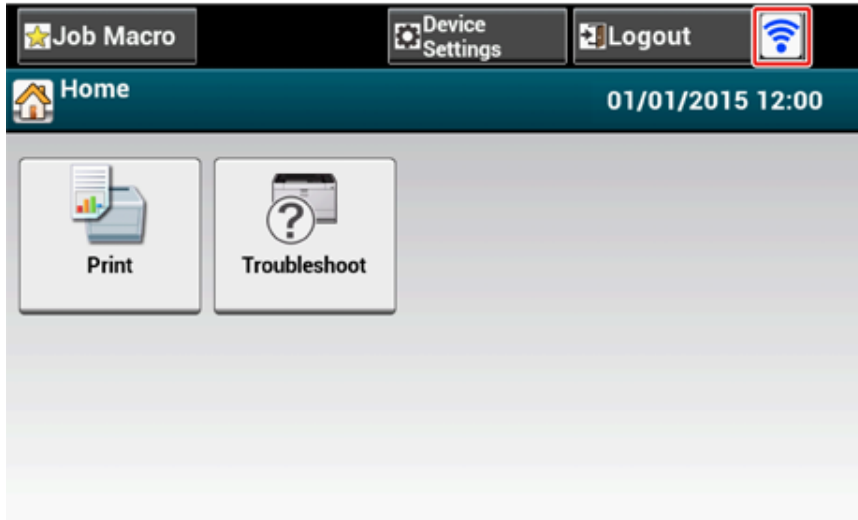
Checking That Connection is Established Correctly

Checking That Connection is Established Correctly

This section describes the procedure for checking whether a connection is established to a wireless LAN correctly with the machine.

Check by following the procedure below.

- 1 If the antenna mark is displayed at the top right of the touch panel, the connection is established correctly.



The antenna mark may not be displayed on some screens such as the copy top screen.

• **If the wireless LAN connection is unstable**

If the wireless LAN connection is unstable, read the cautions in "Connecting This Machine to a Computer (User's Manual)" in this manual, and then change the positions of the machine and wireless LAN access point. If you cannot find a solution even after reading the cautions, bring the machine and the wireless LAN access point close to each other.

Connecting to a Wireless LAN (AP mode) (Only When the Wireless LAN Module is Mounted)

Wireless LAN (AP mode) directly connects wireless devices (computers, tablets, smartphones, etc.) to the machine without using a wireless LAN access point.



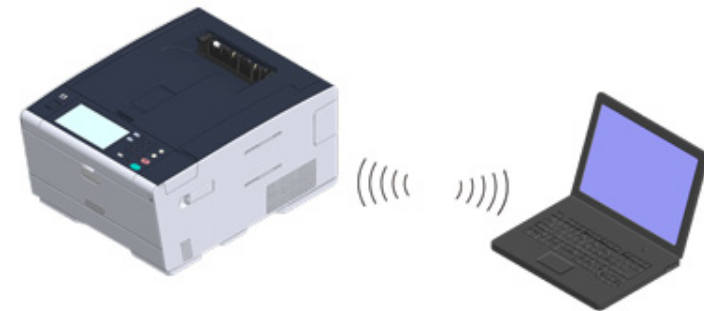
- Wireless(Infrastructure) and Wireless(AP Mode) cannot be enabled at the same time.
- When Wireless(AP Mode) is enabled, the machine does not enter Deep Sleep mode but enters Sleep mode.
- Do not place any electric products that emit weak radio waves (such as microwaves or digital cordless telephones) close to the machine.
- If there is metal, aluminum sash, or a reinforced concrete wall between the machine and wireless devices (computers, tablets, smartphones, etc.), connections may be harder to be established.
- The communication speed of a wireless LAN connection may be slower than that of a wired LAN or USB connection depending on the environment. If you want to print big data such as a photo, it is recommended to print with a wired LAN or USB connection.

• **Preparing to use a wireless LAN (AP mode)**

You can use the machine as a simplified wireless access point to directly connect wireless devices (computers, tablets, smartphones, etc.).

Check if your wireless devices match the following requirements.

Item	Value
Standard	IEEE802.11 b/g/n
Security	WPA2-PSK(AES)



• **Checking the setting method for wireless LAN (AP mode)**

Check whether your wireless devices (computers, tablets, smartphones, etc.) are WPS-PBC (push button) supported and select the setting method.

If your wireless devices (computers, tablets, smart phones, etc.) support WPS-PBC, refer to "Automatic connection (push-button)", and if you are not sure whether your access point supports WPS-PBC, refer to "Manual Setup".

- **Automatic connection (push-button)**

If your wireless devices (computers, tablets, smartphones, etc.) support WPS-PBC (push button), you can connect to the wireless LAN (AP mode) with the WPS button.

- **Manual Setup**

If your wireless devices (computers, tablets, smartphones, etc.) do not support WPS-PBC (push button), you can enter [SSID] and [Password] of the machine in your wireless devices to connect to the wireless LAN (AP mode).

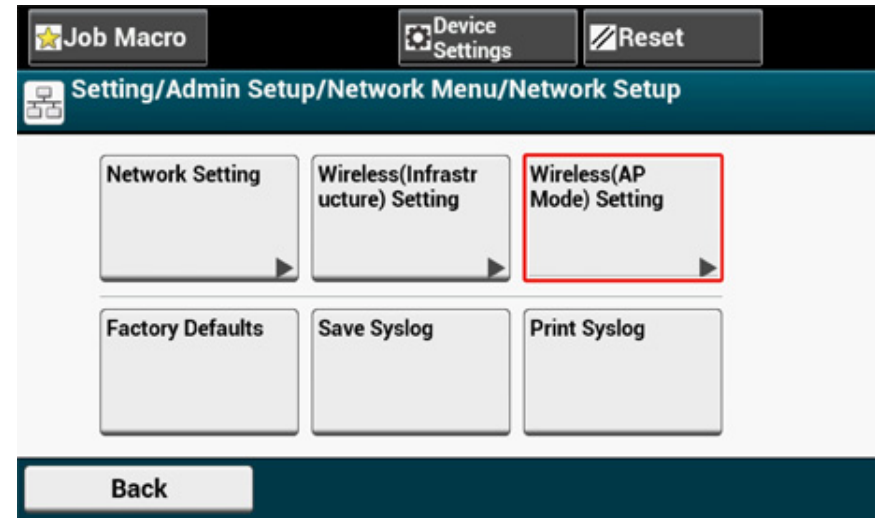
Automatic connection (push-button)

If your wireless devices (computers, tablets, smart phones, etc.) support WPS-PBC (push button), you can connect to the wireless LAN (AP mode) with the WPS button.

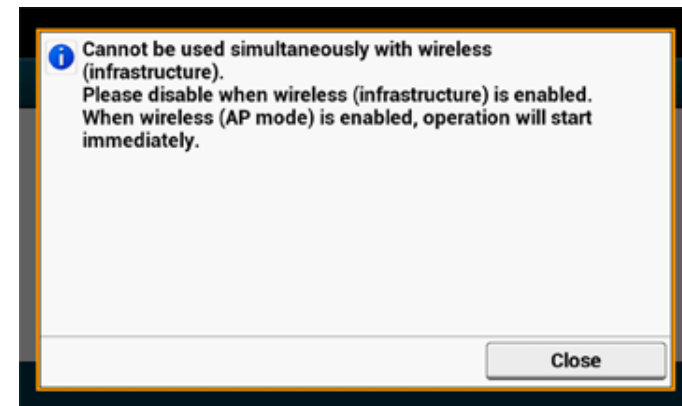
Follow the procedure below.

- 1 Confirm the position of the WPS button on your wireless device (a computer, tablet, smartphone, etc.) by the manual attached to the device.
- 2 Turn the machine on.
- 3 Press [Device Settings] on the touch panel.
- 4 Press [Admin Setup].
- 5 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 6 Press [Network Menu].
- 7 Press [Network Setting].

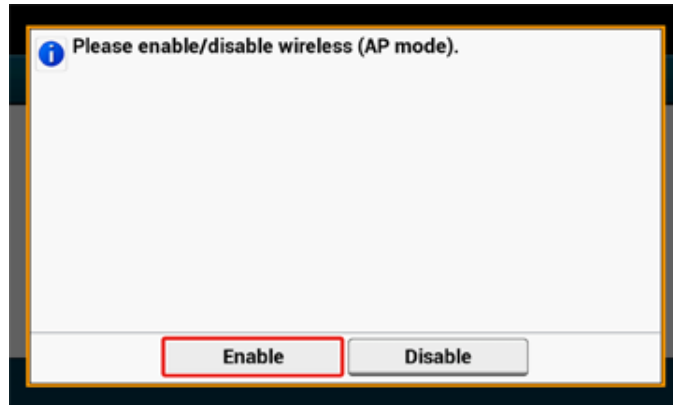
- 8 Press [Wireless(AP Mode) Setting].



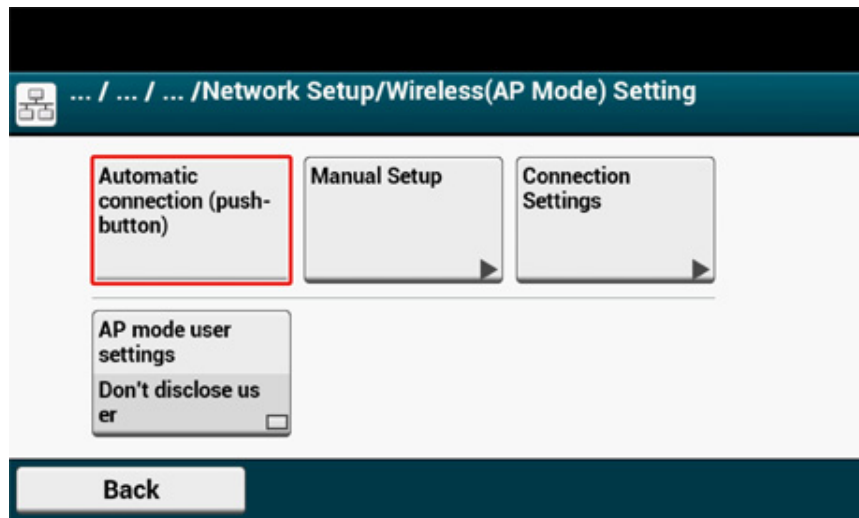
The message below is displayed for about five seconds.



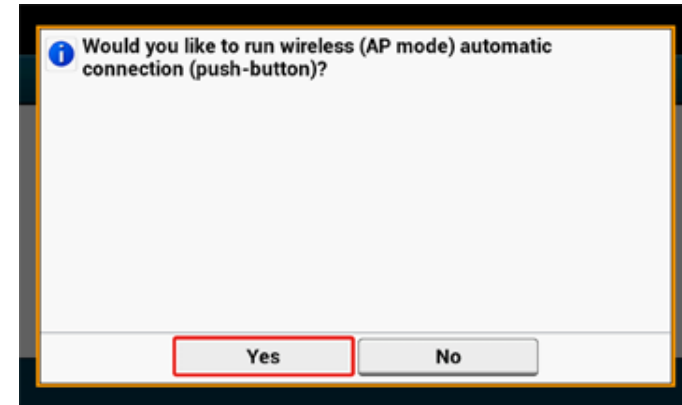
9 Press [Enable].



10 Press [Automatic connection (push-button)].

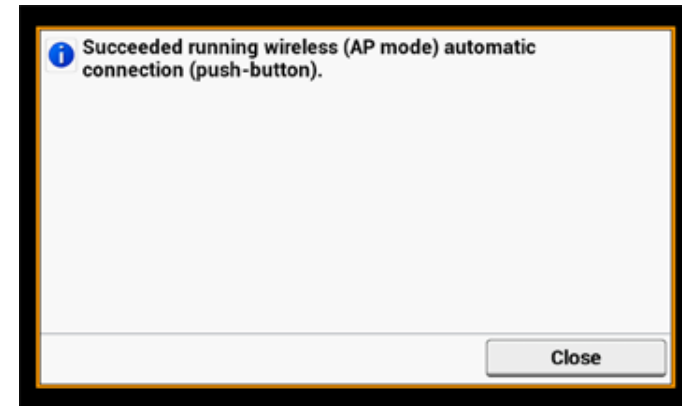


11 Press [Yes].



12 Start the WPS-PBC (push button) operation on your wireless device (a computer, tablet, smartphone, etc.) to connect to the machine.

When the following screen appears, the setup of the wireless LAN is completed.



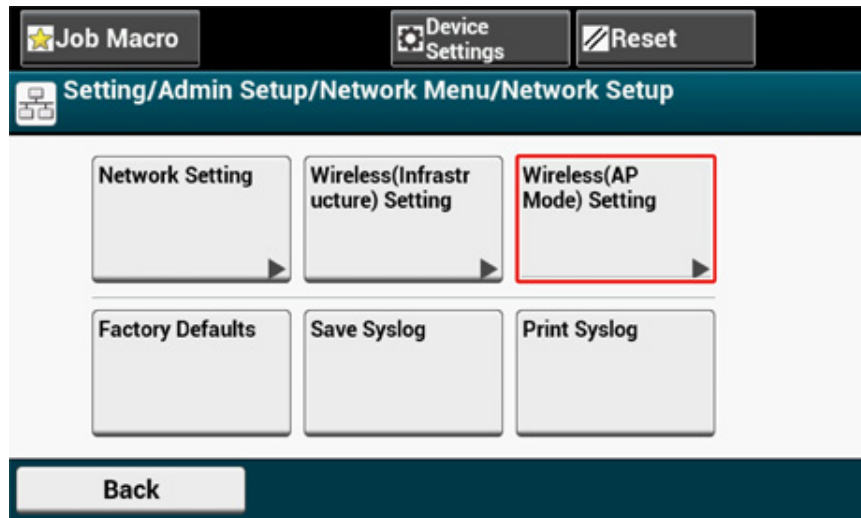
In case of connection failure, follow the steps in "Manual Setup" to try again.

Manual Setup

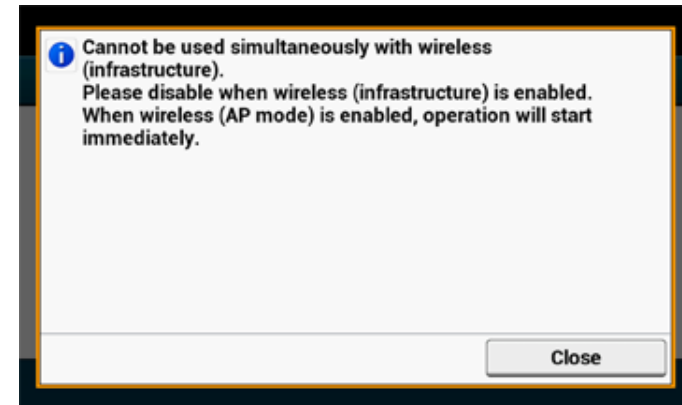
If your wireless devices (computers, tablets, smartphones, etc.) do not support WPS-PBC (push button), you can enter [SSID] and [Password] of the machine in your wireless devices (computers, tablets, smartphones, etc.) to connect to the wireless LAN.

Follow the procedure below.

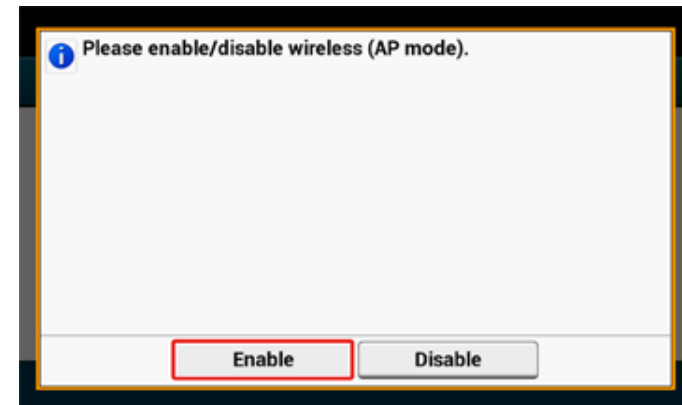
- 1 Turn the machine on.
- 2 Press [Device Settings] on the touch panel.
- 3 Press [Admin Setup] on the touch panel.
- 4 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 5 Press [Network Menu].
- 6 Press [Network Setting].
- 7 Press [Wireless(AP Mode) Setting].



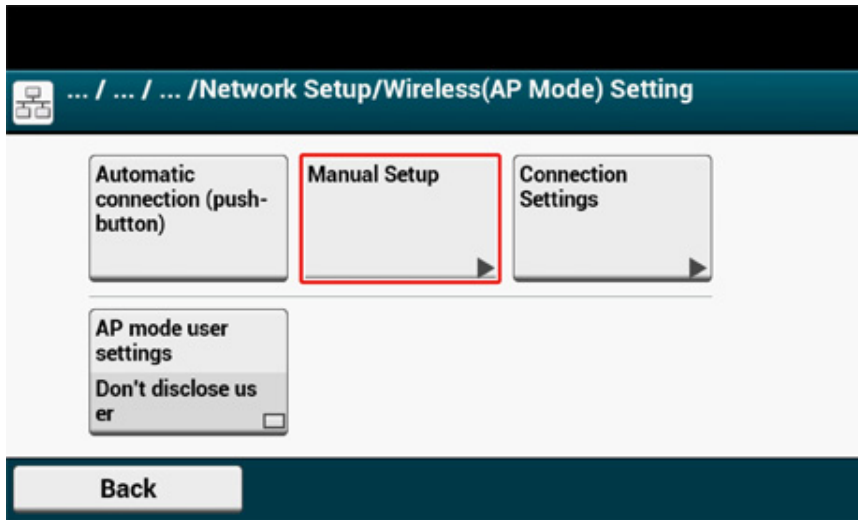
The message below is displayed for about five seconds.



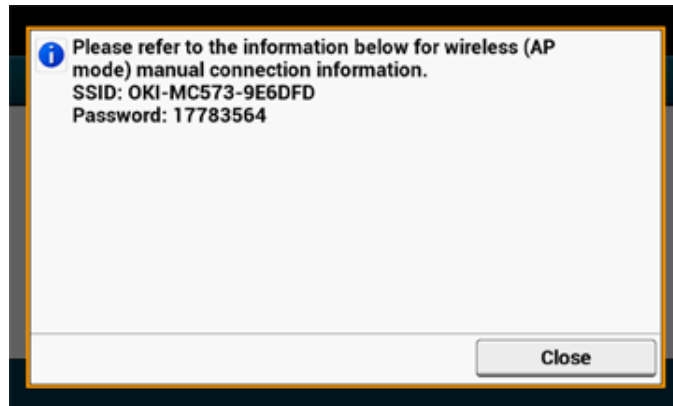
- 8 Press [Enable].



- 9 Press [Manual Setup].



- 10 Check the [SSID] and [Password] of the machine.



- 11 Enter the [SSID] and [Password] that you checked in step 10 to connect the machine and your wireless device (a computer, tablet, smartphone, etc.).

Initializing the Network Settings

- Initializing from Setting Menus of this Machine
- Initializing from the Operator Panel of this Machine (Boot Menu)



This procedure initializes all the network settings.

Initializing from Setting Menus of this Machine

You can restore the network settings to the factory default settings.

- 1 Press [Device Settings] on the touch panel.
- 2 Press ▲ or ▼ several times and press [Admin Setup].
- 3 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.
- 4 Press [Network Menu].
- 5 Press [Network Setup].
- 6 Press [Factory Defaults].
- 7 Press [Yes].

Initializing from the Operator Panel of this Machine (Boot Menu)

If you cannot initialize from the configuration menu of this machine, you can initialize from the operator panel.

- 1 Turn the machine on while pressing and holding "6" on the numeric keypad.
- 2 Enter the administrator name and password and press [OK].
The factory default administrator name and password are "admin" and "999999" respectively.

3 Press "#" on the numeric keypad.
The [Boot Menu] screen is displayed.

4 Press "1" on the numeric keypad.

```
Boot Menu

1 Network Factory Defaults
2 Normal Boot
```

5 Press "1" on the numeric keypad.

```
Would you like to execute?
1 Yes
2 No
```

Setting the DHCP Server

DHCP assigns an IP address to each host on a TCP/IP network.



To print via a network, this machine must have an IP address. For details on how to assign a static IP address, refer to the manual of your DHCP server.



The following procedure is explained using Windows Server 2008 R2 as an example. The steps and menus may vary depending on your operation system.

- 1 Click [Start], and then select [Administrative Tools] > [Server Manager].
If [DHCP] is already displayed in [Administrative Tools], proceed to step 8.
- 2 Select [Add Roles] from [Roles Summary].
- 3 Click [Next] in [Add Roles Wizard].
- 4 Select the [DHCP Server] check box, and then click [Next].
- 5 Set the settings by following the on-screen instructions, if necessary.
- 6 Check the setting on the [Confirm Installation Selection] screen, and then click [Install].
- 7 When the installation is complete, click [Close].
- 8 Click [Start], and then select [Administrative Tools] > [DHCP] to start the [DHCP] wizard.
- 9 Select a server to use from the DHCP list.
- 10 Select [New Scope] from the [Action] menu.
- 11 Set the settings by following the on-screen instructions in [New Scope Wizard] if necessary.



- Be sure to set the default gateway.
- Select [Yes, I want to activate the scope now] on the [Active Scope] screen.

- 12 Click [Finish].
- 13 Select the new scope from the DHCP list, and then select [Reservations].
- 14 Select [New Reservation] from the [Action] menu.
- 15 Set the settings.
- 16 Click [Add].
- 17 Click [Close].
- 18 Select [Exit] from the [File] menu.

Network Problems

This section describes how to solve problems when the machine is connected to a network.

- **Unable to print from network**

[Unable to Print \(User's Manual\)](#)

[Network Connection Problems](#)

7

Utility Software

List of Utility Software

Installing Software

Web Page of This Machine

Color Correct Utility

Color Swatch Utility

PS Gamma Adjuster Utility

Configuration Tool

OKI LPR Utility

Network Extension

Network Card Setup (Mac OS X)

Print Job Accounting Client

This chapter describes utility software to make the machine more comfortable.

List of Utility Software

This section describes utilities you can use on this machine. For how to use each utility, refer to its topic.

- Windows Utilities
- Mac OS X Utilities








Windows Utilities

System Requirements

Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Vista

Windows Server 2012 R2/Windows Server 2012

Windows Server 2008 R2/Windows Server 2008

Item	Description	References
Color Correct Utility	Adjust the Color Matching when printing from a computer. You can change the overall trend of output colors by adjusting the palette color output, gamma value, hue or saturation of the primary colors.	 Color Correct Utility
Color Swatch Utility	You can print an RGB color sample pre-installed in the machine when printing from a computer. Check the RGB value on the RGB color sample and reproduce the color if necessary.	 Color Swatch Utility
PS Gamma Adjuster	You can adjust the color density used for photographs when printing from a computer.	 PS Gamma Adjuster Utility
Configuration Tool	You can set the access control settings of this machine, register and delete the formdata, and ICC profile to the printer and manage it. The registered ICC profile is used to the color matching in the [Graphic Pro] mode of the printer driver.	 Configuration Tool
PDF Print Direct	Prints out PDF files without launching any applications.	 Printing without Opening a PDF File (PDF Print Direct)
OKI LPR Utility	You can check the status of device connected to a network or transfer print data to another device from a computer.	 OKI LPR Utility
Network Extension	You can check the settings of this machine and option settings from the printer driver. This utility is automatically installed when installing a printer driver via a network connection.	 Network Extension

Mac OS X Utilities

System Requirements

Mac OS X 10.8.5 to 10.11

Item	Description	References
PS Gamma Adjuster	You can adjust the color density used for photographs when printing from a computer.	PS Gamma Adjuster Utility
Color Correct Utility	Adjust the Color Matching when printing from a computer. You can change the overall trend of output colors by adjusting the palette color output, gamma value, hue or saturation of the primary colors.	Color Correct Utility
Network Card Setup	You can set a network.	Network Card Setup (Mac OS X)
Profile Assistant	Registers ICC profile to the printer and manage it. The registered ICC profile is used to the color matching in the [Graphic Pro] mode of the printer driver.	Download from the Oki data web site.

Installing Software

Install the utility you want to use by following the procedure below.

-
- For Windows
 - For Mac OS X
-

For Windows

Install utility software by using the Software DVD-ROM.

- **PCL6 Printer Driver**
- **PS Printer Driver**
- **XPS Printer Driver**
- **OKI LPR Utility**
- **Configuration Tool**
- **PDF Print Direct**
- **Print Job Accounting Client**

Connect the machine to a computer via a network or USB interface.



Check the status of this machine before installing.

- This machine is turned on.
- This machine is connected to a network with a network cable and the IP address or other settings are set.

1 Insert the "Software DVD-ROM" into a computer.

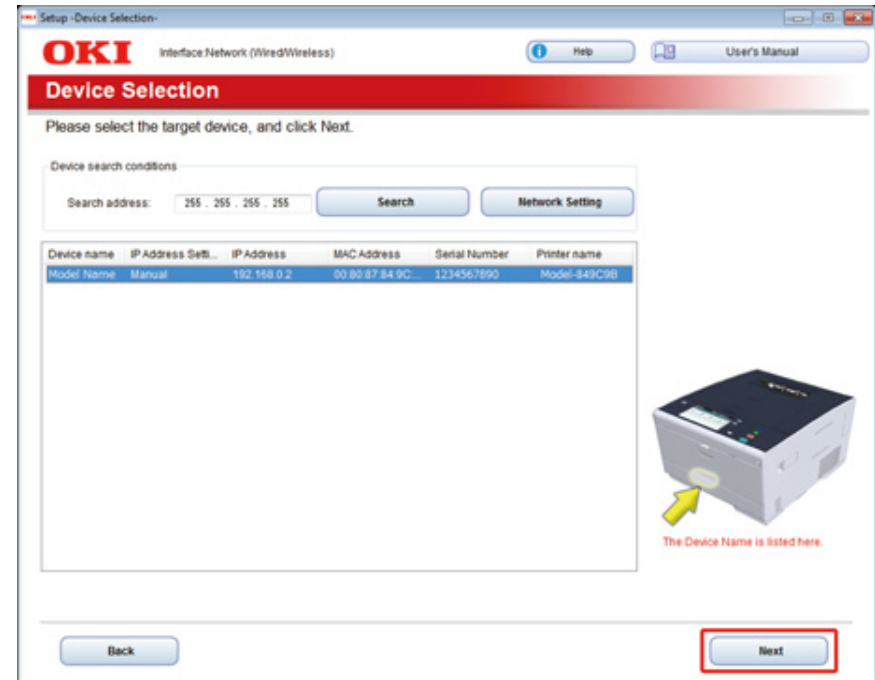
- 2 When [AutoPlay] is displayed, click [Run Setup.exe].



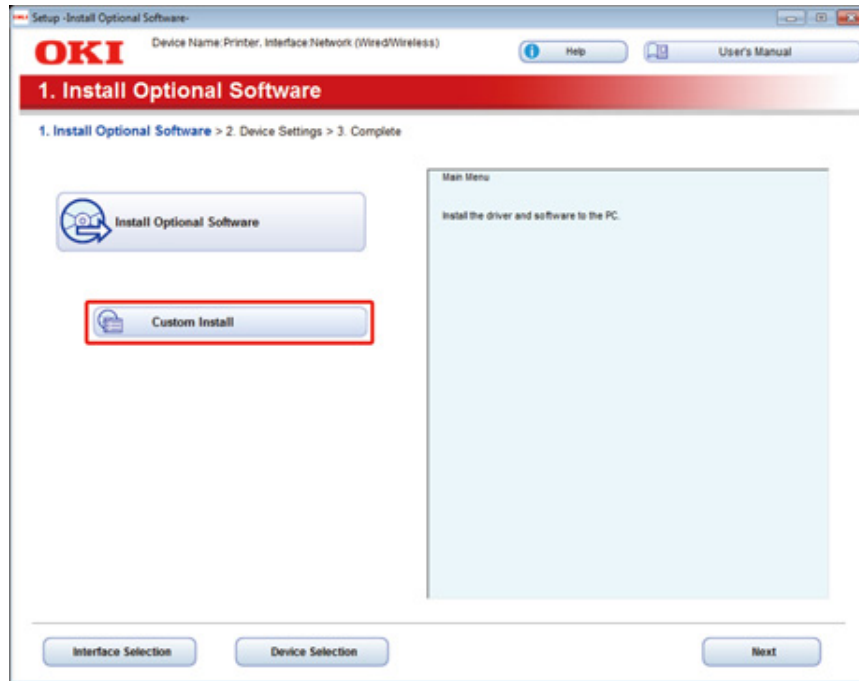
If the [User Account Control] dialog box is displayed, click [Yes].

- 3 Select a language from the drop-down list.
- 4 Read the license agreement, and then click [Accept].
- 5 Read Environmental advice for Users and click [Next].
- 6 Select [Network (Wired/Wireless)] or [USB] corresponding to your connection environment, and then click [Next].
- If the [Windows Security Alert] dialog box is displayed, click [Allow access].

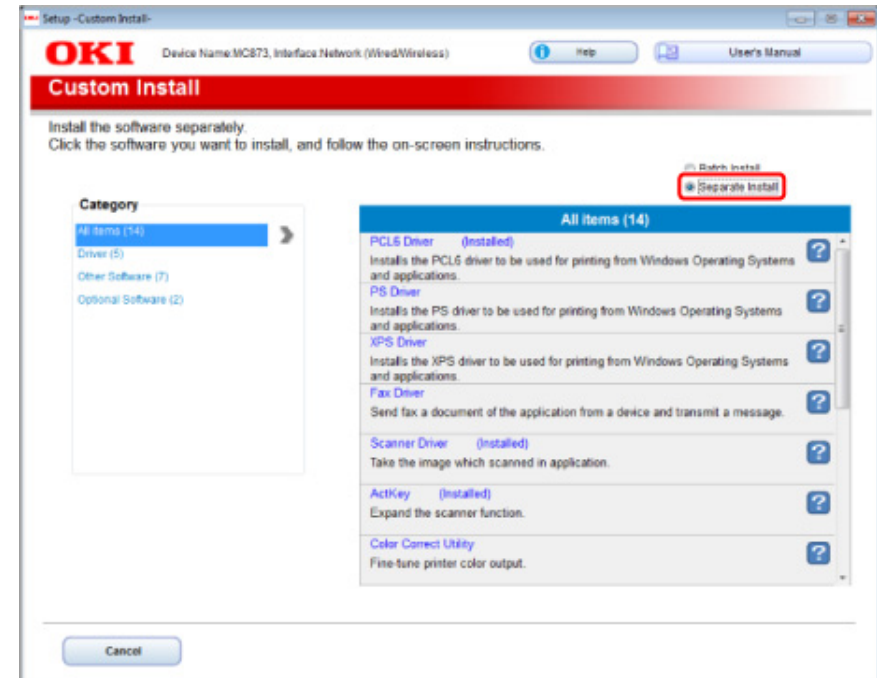
- 7 Select the model name of this machine, and then click [Next].



8 Click [Custom Install].



9 Click [Separate Install].



10 Click a driver or software to install.

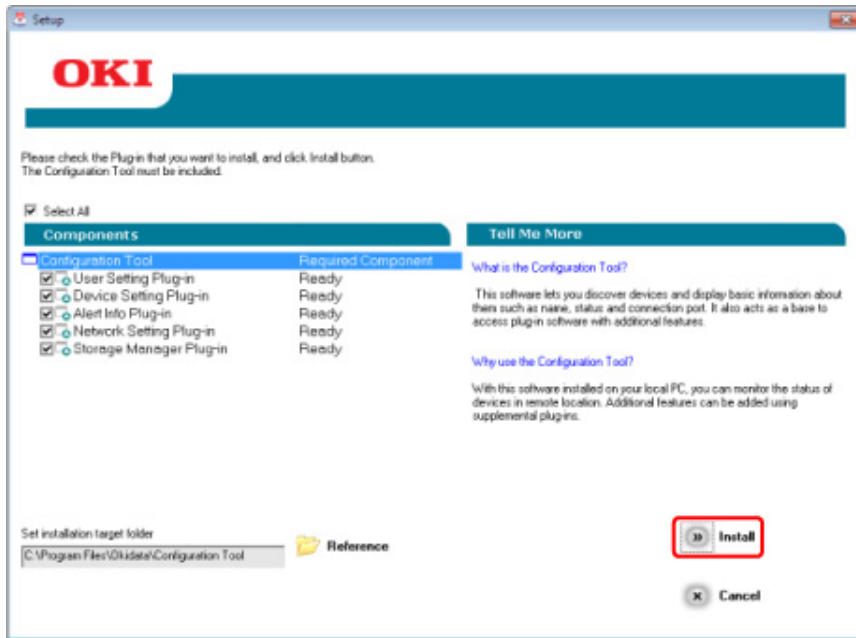
Installation starts.



The procedure below varies depending on the selected software.

The procedure below uses the installation of the Configuration Tool as an example.

- 11 Select plug-ins you want to install and click [Install].



Install starts.

- 12 When installation is complete, click [Close].

For Mac OS X

You can copy a utility by dragging to any location. You can also run a utility directly from the "Software DVD-ROM".

- 1 Insert the included "Software DVD-ROM" into a computer.
- 2 From [OKI] > double-click the [Utilities] folder.
- 3 Copy the folder of a utility to install by dragging to any location.



To start utility software, double-click the software icon in the folder.

Web Page of This Machine

You can make network settings or menu settings from the Web page of this machine.

- Open the Web Page of This Machine
 - Log In as the Administrator
 - Changing the Administrator Password
 - Checking or Changing the Settings of This Machine
 - Encrypting Communication with SSL/TLS
 - Encrypting Communication with IPsec
 - Limiting by Using an IP Address (IP Filtering)
 - Limiting by Using a MAC Address (MAC Address Filtering)
 - E-mail Alert
 - Using SNMPv3
 - Using IEEE802.1X
 - Setting the LDAP Server
 - E-mail Setup
 - Setting Power Save Mode (Web Page)
 - Setting Sleep Mode (Web Page)
 - Setting Auto Power Off Mode (Web Page)
 - JOB MACRO
 - About Items That Can be Set or Checked
-

Open the Web Page of This Machine

• About the Operating Environment



- Check whether your browser is set as follows.
- Set the security setting for the Web page to the middle level, or enable Cookie.
- To enter the [Admin Setup] menu, the administrator password is required.
- To change settings of the machine on the Web page, you must log in as the administrator of the machine.

The description uses the following environment as an example.

• Device name: C542

• IP address of the machine: 192.168.0.2

- 1 Start a Web browser.
- 2 Enter "http://(The IP address of this machine)" in the address bar, and then press the <Enter> key.

About the IP Address of this machine, refer to "Checking the Information of the Machine".



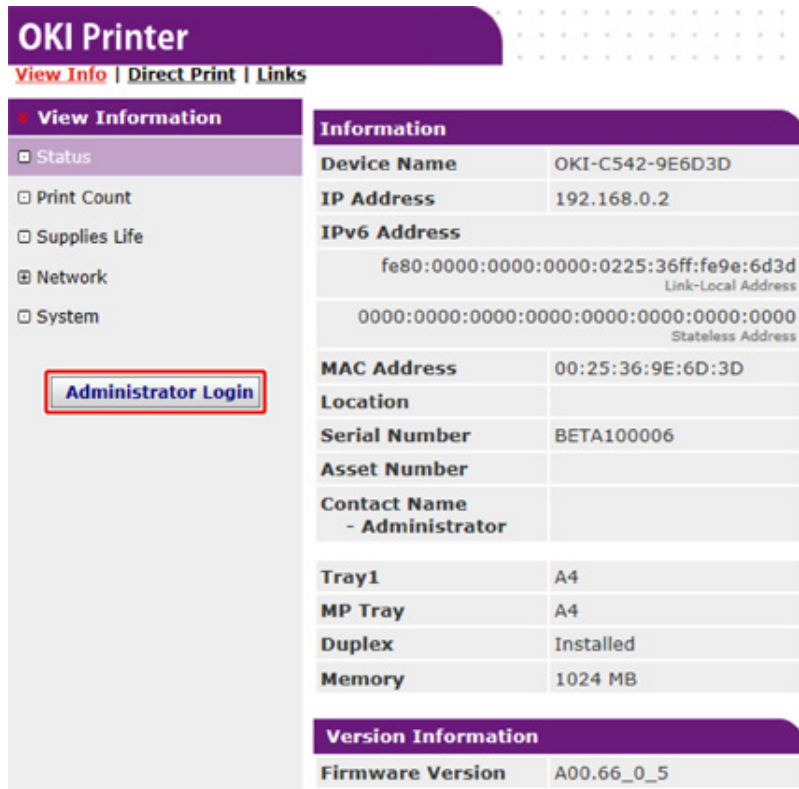
If the IP address includes a value in one or two digits, do not enter "0" before the value. Communications may not be performed correctly.

- An example of a correct entry: `http://192.168.0.2/`
- An example of an incorrect entry: `http://192.168.000.002/`

Log In as the Administrator

To change settings of the machine on the Web browser, you must log in as the administrator of the machine.

- 1 Click [Administrator Login].



OKI Printer
View Info | Direct Print | Links

View Information

- Status
- Print Count
- Supplies Life
- Network
- System

Administrator Login

Information

Device Name	OKI-C542-9E6D3D
IP Address	192.168.0.2
IPv6 Address	
	fe80:0000:0000:0000:0225:36ff:fe9e:6d3d <small>Link-Local Address</small>
	0000:0000:0000:0000:0000:0000:0000:0000 <small>Stateless Address</small>
MAC Address	00:25:36:9E:6D:3D
Location	
Serial Number	BETA100006
Asset Number	
Contact Name	- Administrator
Tray1	A4
MP Tray	A4
Duplex	Installed
Memory	1024 MB

Version Information

Firmware Version	A00.66_0_5
------------------	------------

- 2 Enter "admin" in [User Name] and the current password in [Password], and then click [OK].



The password is the same as the "administrator password" on the operator panel.

- 3 Set the machine information that can be checked on a network, click [OK] or [SKIP].

OKI Printer

Setup

This is the first login to the Device web page.
If you would like to perform basic setup of the device, please complete the fields, and press "OK". Otherwise press "SKIP".

Identification

Device Name	<input type="text" value="OKI-C542-9E6D3D"/> (Max.31 characters)
	<small>This is the devices identity on the network (sysName, and Device Name).</small>
Short Device Name	<input type="text" value="C542-9E6D3D"/> (Max.15characters)
	<small>A maximum of 15 characters can be used (alpha/numeric characters and "-" are acceptable.first and last character must be alpha/numeric)</small>
Location	<input type="text"/> (Max.255 characters)
Asset Number	<input type="text"/> (Max.32 characters)
Contact Name - Administrator	<input type="text"/> (Max.255 characters)

Protocol

TCP/IP	Enable
NetBIOS over TCP	Enable ▾

Do not show this page again.



- To omit the setting, click [SKIP].
- To not display from the next login, select the [Do not show this page again.] check box, and then click [OK] or [SKIP].

- 4 The following screen is displayed.

OKI Printer

[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)
[User Management](#) | [Account Management](#) | [iXP Application](#) | [Output Management](#)

View Information
 Status
 Print Count
 Supplies Life
 Usage Report
 Network
 System

Information

Device Name	OKI-C542-9E6D3D
IP Address	192.168.0.2
IPv6 Address	fe80:0000:0000:0000:0225:36ff:fe9e:6d3d <small>Link-Local Address</small>
	0000:0000:0000:0000:0000:0000:0000:0000 <small>Stateless Address</small>
MAC Address	00:25:36:9E:6D:3D
Location	
Serial Number	BETA100006
Asset Number	
Contact Name - Administrator	
Tray1	A4
MP Tray	A4
Duplex	Installed
Memory	1024 MB

Version Information

Firmware Version	A00.66_0_5
CU Version	C0.66
PU Version	00.00.24
Network Firmware	00.26
Web Remote	00.36
Web Language	00.36

Remaining Toner :

Black:	<div style="width: 80%;"></div>	80%
Cyan:	<div style="width: 90%;"></div>	90%
Magenta:	<div style="width: 70%;"></div>	70%
Yellow:	<div style="width: 90%;"></div>	90%

Print Service		Enabled
LPR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Port9100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FTP	<input type="checkbox"/>	<input type="checkbox"/>
IPP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Setting Service		Enabled
SNMP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WEB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Telnet	<input type="checkbox"/>	<input type="checkbox"/>

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Changing the Administrator Password

You can change the administrator password of this machine from the Web page. The administrator password specified on the Web page is used when logging from the Web page or operator panel.

1 Open the Web page of this machine.

 [Open the Web Page of This Machine](#)

2 Log in as the administrator.

3 Select [Admin Setup].

4 Select [Management] > [New Admin Password].

5 Enter a new password in [New Password].



- You can enter 6 to 12 alphanumeric characters for the password.
- The password is case sensitive.

6 Re-enter the new password in [New Admin Password (Verify)].

The password is not displayed. Write down the password and keep it in a safe place.

7 Click [Submit].

The new settings take effect when the network function of this machine restarts.



You do not need to restart the machine. The next time you log in as the administrator, you can use the new password.

Checking or Changing the Settings of This Machine

You can operate the following from the Web page of this machine.

- About the Operating Environment
- Displaying the Machine Status

The Web page can be used for Windows and Mac OS X.


- **Displaying the status of the machine**
- **Creating a profile**
- **Setting a tray, network, default setting of a function, and the machine**
- **Displaying a list of jobs**
- **Printing a PDF file without using the printer driver**
- **Setting auto delivery and transmission data save**
- **Linking to frequently-used Web pages**

About the Operating Environment



- Set the security setting for your browser to the middle level, or enable Cookie.
- To enter the [Admin Setup] menu, the administrator password is required. The factory default password is "999999".
- To change settings of the machine on the Web page, you must log in as the administrator of the machine.


About how to set a network

 [Connecting This Machine to a Computer \(User's Manual\)](#)

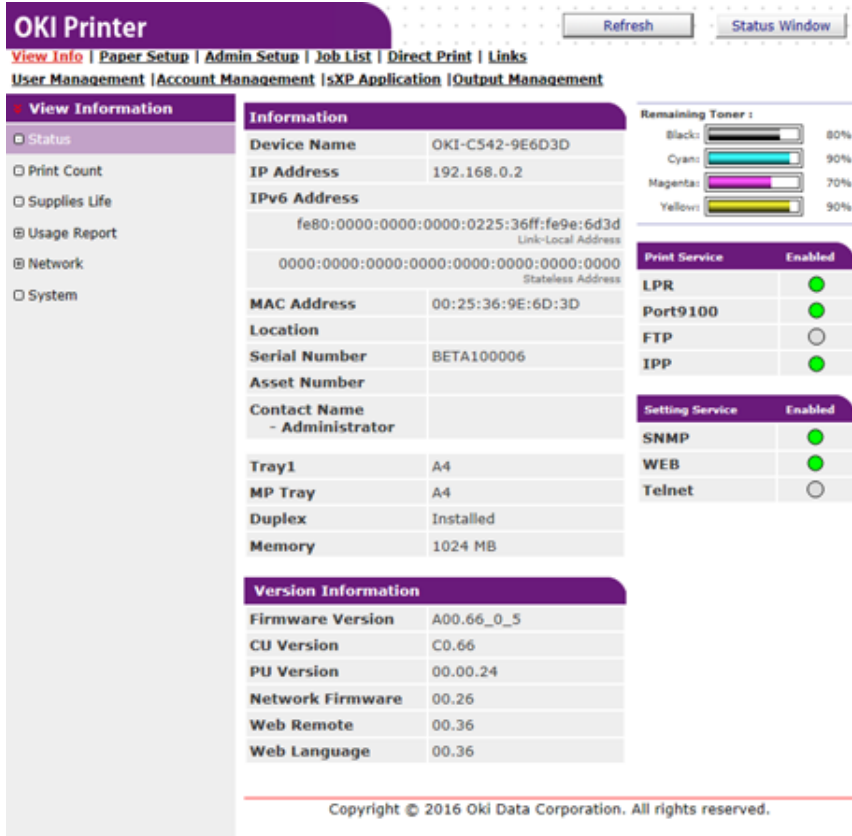
The description uses the following environment as an example.

- Device name: C542
- IP address of the machine: 192.168.0.2

Displaying the Machine Status

- 1 Open the Web page of this machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.

- 3 The following screen is displayed.
 You can check the remaining amount of the consumables, printing counter, and information of network and system of this machine.



The screenshot displays the 'OKI Printer' web interface. At the top, there are navigation links: [View Info](#), [Paper Setup](#), [Admin Setup](#), [Job List](#), [Direct Print](#), and [Links](#). Below these are [User Management](#), [Account Management](#), [sXP Application](#), and [Output Management](#). The main content area is divided into several sections:

- View Information:** A sidebar menu with options: Status (selected), Print Count, Supplies Life, Usage Report, Network, and System.
- Information:** A table of device details:

Device Name	OKI-C542-9E6D3D
IP Address	192.168.0.2
IPv6 Address	fe80:0000:0000:0000:0225:36ff:fe9e:6d3d <small>Link-Local Address</small>
	0000:0000:0000:0000:0000:0000:0000:0000 <small>Stateless Address</small>
MAC Address	00:25:36:9E:6D:3D
Location	
Serial Number	BETA100006
Asset Number	
Contact Name	- Administrator
Tray1	A4
MP Tray	A4
Duplex	Installed
Memory	1024 MB
- Remaining Toner:** Four progress bars showing toner levels: Black (80%), Cyan (90%), Magenta (70%), and Yellow (90%).
- Print Service:** A table of service status:

Print Service	Enabled
LPR	<input checked="" type="checkbox"/>
Port9100	<input checked="" type="checkbox"/>
FTP	<input type="checkbox"/>
IPP	<input checked="" type="checkbox"/>
- Setting Service:** A table of service status:

Setting Service	Enabled
SNMP	<input checked="" type="checkbox"/>
WEB	<input checked="" type="checkbox"/>
Telnet	<input type="checkbox"/>
- Version Information:** A table of software versions:

Firmware Version	A00.66_0_5
CU Version	C0.66
PU Version	00.00.24
Network Firmware	00.26
Web Remote	00.36
Web Language	00.36

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Encrypting Communication with SSL/TLS

You can encrypt communication between your computer and this machine. Communication is encrypted with SSL/TLS in the following cases. When you set HTTPS communication, you can use a certificate that is pre-installed in this machine.

Creating a Certificate

You can use a certificate when sending data to this machine that is connected to a network. This section describes how to create a certificate by using the Web page.

You can create a certificate on the Web page. You can use the following three certificates.

- **Pre-installed certificate**
- **Self-signed certificate**
- **Authority-issued certificate**



- Before you create a certificate, be sure to delete the pre-installed certificate.
- If you change the IP address of this machine after creating the certificate, the certificate becomes invalid. Be sure not to change the IP address of this machine after creating the certificate.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Select [Admin Setup].

4 Select [Network] > [Security] > [SSL/TLS].

5 Specify detailed settings by following the on-screen instructions.



The IP address of this machine is set to [Common Name].

6 Check the settings, and then click [OK].

- In the case of a self-signed certificate, close the Web page by following the on-screen instructions, proceed to "Enabling Encryption Settings".
- If you want to obtain a certificate issued by the certificate authority, proceed to step 7.

7 Send the CSR to a certificate authority by following the on-screen instructions.

8 Click [OK].

9 Install a certificate from a certificate authority by following the on-screen instructions.

10 Click [Submit].

Proceed to "Enabling Encryption Settings".

Importing a Certificate

This section describes how to import a certificate and a private key from the Web page.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Click [Admin Setup].

4 Select [Network] > [Security] > [SSL/TLS].

5 Select [Using Certificate and Private Key after imported] to import a certificate.



You can import a certificate in PKCS#12 format.

Exporting a Certificate

This section describes how to export a certificate.

For functions that communicate with SSL/TLS, a procedure to trust the exported certificate is required on the computer.

Import the exported certificate of this machine into the trusted certificate store of the computer to trust the certificate.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

- 2 Log in as the administrator.
- 3 Click [Admin Setup].
- 4 Select [Network] > [Security] > [SSL/TLS].
- 5 Select [Export Certificate] to export a certificate.



You can export a certificate in PEM format.

Enabling Encryption Settings

You must enable encryption after creating a certificate. This section describes how to enable encryption by using the Web page.

If you enable encryption, communication is encrypted immediately after the settings is changed from the Web page.

- 1 Open the Web page of this machine.
 - Open the Web Page of This Machine
- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Select [Network] > [Security] > [SSL/TLS].
- 5 Select [Enable] for the protocol to which apply the encryption.
- 6 Click [Submit].

Setting This Machine as the IPP Printer in a Windows Environment

Add this machine to your computer as an IPP printer.

If you enable IPP print, you can send print data to this machine via the Internet. This section describes how to enable IPP print in a Windows environment.

- 1 Click [Start], and then select [Devices and Printers] > [Add a Printer].

- 2 Select [Add a network, wireless or Bluetooth printer] in the [Add Printer] wizard.
- 3 Select [The printer that I want isn't] from the list of available printers.
- 4 Select [Select a shared printer by name].
- 5 Enter "http://(The IP address of this machine)/ipp" or "http://IP address of this machine)/ipp/lp", and then click [Next].
- 6 Click [Have Disk].
- 7 Insert the "Software DVD-ROM" into the computer.
- 8 Enter the following value in [Copy manufacturer's files from], and then click [Use].
 - For PCL driver: "D:\Drivers_PCL"
 - For PS driver: "D:\Drivers\PS"
 - For XPS driver: "D:\Drivers\XPS"




The above value is an example of the DVD-ROM drive is set to the D drive.

- 9 Select the INF file, and then click [Open].
- 10 Click [OK].
- 11 Select a model, and then click [OK].
- 12 Click [Next].
- 13 Select [Finish].
- 14 Print the test page after installation is complete.

Setting This Machine as the IPP Printer in a Mac OS X Environment

Add this machine to a computer as an IPP printer.

If you enable IPP print, you can send print data to this machine via the Internet. This section describes how to enable IPP print in a Mac OS X environment.

- 1 Insert the "Software DVD-ROM" into the computer, and then install the driver.
 Installing Software
- 2 Select [System Preferences] from the Apple menu.
- 3 Click [Print & Scan].
- 4 Click [+].
- 5 Click the [IP] tab.
- 6 Select [IPP (Internet Printing Protocol)] from [Protocol].
- 7 Enter the IP address of this machine in [Address].
- 8 Enter "ipp/lp" in [Queue].
- 9 Click [Add].
- 10 Click [Continue].
- 11 Check that the machine is registered in [Print & Scan].

Encrypting Communication with IPSec

You can encrypt communication between your computer and the machine.

The communication is encrypted by IPSec. When IPSec is enabled, encryption is applied for all the applications by using IP protocols.

You can specify up to 50 hosts by their IP addresses. When a host that is not registered tries to access the machine, it is rejected. When you try to access a host that is not registered, the attempt is invalid.

Be sure to configure the machine in advance, before configuring your computer.



You must have a pre-shared key readied in advance.

Setting This Machine

This section describes the settings you need to set on the printer to enable IPSec. You must log in to the Web page as the administrator to complete this setting.

To enable IPSec, you must set this machine by using the Web page in advance.



- If IPSec is set to this machine and the host, IPSec communication is established. If IPSec is not set to the host, IPSec communication is not established.
- Do not forget to take notes of the values specified in this procedure. These values are necessary when setting IPSec on a computer.

- 1 Open the Web page of this machine.

 Open the Web Page of This Machine

- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Select [Network] > [Security] > [IPSec].
- 5 Specify detailed settings by following the on-screen instructions.



You must enable either [AH] or [ESP] in the [Phase2 Proposal] setting.

6 Click [Submit].

The new settings take effect when the network function of this machine restarts.



If you were unable to set up IPsec due to the inconsistency of the parameters that were specified, you cannot access the Web page. In such a case, disable the IPsec from the operator panel of this machine or initialize the network settings.

Proceed to setting a computer.



Setting a Computer

Setting a Computer

This section describes the settings you need to set on a computer to enable IPsec. You must set the printer before this setting.

- Creating an IP Security Policy
- Setting Key Exchange
- Setting an IP Filter
- Setting Filter Actions
- Assigning an IP Security Policy

Set IPsec to a computer.

Follow the procedure below, and be sure to perform all the steps in order.



Set this machine before setting the computer.



Setting This Machine

Creating an IP Security Policy

- 1 Click [Start], and then select [Control Panel] > [System and Security] > [Administrative Tools].
- 2 Double-click [Local Security Policy].
- 3 Click [IP Security Policies on Local Computer] in the [Local Security Policy] window.

- 4 Select [Create IP Security Policy] from the [Action] menu.

- 5 Click [Next] in [IP Security Policy Wizard].

- 6 Enter [Name] and [Description], and then click [Next].

- 7 Clear the [Activate the default response rule (earlier versions of Windows only)] check box, and then click [Next].

- 8 Select the [Edit Properties] check box, and then click [Finish].

Setting Key Exchange

- 1 Select the [General] tab in the New IP Security Policy Properties window.

- 2 Click [Settings].

- 3 Enter a value (minutes) in [Authenticate and generate a new key after every] in the [Key Exchange Settings] window.



Specify the same value as [Lifetime] in the "Phase1 Proposal" setting in "Setting This Machine". Enter a value in minutes in this step even if [Lifetime] is specified in seconds.

- 4 Click [Methods].

- 5 Click [Add] in the [Key Exchange Security Methods] window.

- 6 Specify [Integrity algorithm], [Encryption algorithm], and [Diffie-Hellman group].



Select the same value specified in [IKE Encryption Algorithm], [IKE Hush Algorithm], and [Diffie-Hellman group] in the "Phase1 Proposal" setting in "Setting This Machine".

- 7 Click [OK].

- 8 Select [OK] in the [Key Exchange Security Methods] window.


- 9 Click [OK] in the [Key Exchange Settings] window.

Setting an IP Filter

- 1 Select the [Rules] tab in the IP security policy properties window.
- 2 Click [Add].
- 3 Click [Next] in [Security Rule Wizard].
- 4 Select [This rule does not specify a tunnel] on the [Tunnel Endpoint] screen, and then click [Next].
- 5 Select [All Network Connections] on the [Network Type] screen, and then click [Next].
- 6 Click [Add] on the [IP Filter List] screen.
- 7 Click [Add] in the [IP Filter List] window.
- 8 Click [Next] on [IP Filter Wizard].
- 9 Click [Next] on the [IP Filter Description and Mirrored property] screen.
- 10 Click [Next] on the [IP Traffic Source] screen.
- 11 Click [Next] on the [IP Traffic Destination] screen.
- 12 Click [Next] on the [IP Protocol Type] screen.
- 13 Click [Finish].

Setting Filter Actions

- 1 Click [OK] in the [IP Filter List] window.
- 2 Select a new IP filter from the list on the [Security Rule Wizard], and then click [Next].
- 3 Click [Add] on the [Filter Action] screen.
- 4 Click [Next] in the [Filter Action Wizard].

- 5 Enter [Name] and [Description] on the [Filter Action Name] screen.
 - 6 Select [Negotiate security] on the [Filter Action General Options] screen, and then click [Next].
 - 7 Select [Do not allow unsecured communication] on the [Communicating with computers that do not support IPsec] screen, and then click [Next].
 - 8 Select [Custom] on the [IP Traffic Security] screen, and then click [Settings].
 - 9 Set in the [Custom Security Method Settings] window, and then click [OK].
-  Select the same value specified in [IKE Encryption Algorithm], [IKE Hush Algorithm], and [Diffie-Hellman group] in the "Phase1 Proposal" setting in "Setting This Machine".
- 10 Click [Next] on the [IP Traffic Security] screen.
 - 11 Select the [Edit Properties] check box, and then click [Finish].

Assigning an IP Security Policy

- 1 If you want to enable Key PFS, select the [Use session key perfect forward secrecy (PFS)] check box in the [Filter Action Properties] window.
- 2 If you perform IPSec communication with the IPv6 global address, select the [Accept unsecured communication, but always respond using IPsec] check box.
- 3 Click [OK].
- 4 Select the new filter action, and then click [Next].
- 5 Select the authentication method on the [Authentication Method] screen, and then click [Next].
- 6 Click [Finish].
- 7 Click [OK] in the New IP Security Policy Properties window.
- 8 Select the new IP security policy in the [Local Security Policy] window.

- 9 Select [Assign] from the [Action] menu.
- 10 Check that [Yes] is displayed for [Policy Assigned] for the new IP security policy.
- 11 Click [x] in the [Local Security Policy] window.


Limiting by Using an IP Address (IP Filtering)

You can control access to the machine by using an IP address. You can set whether to allow for setting or printing from a specified IP address. IP filtering is disabled by factory default.



- Be sure to specify the correct IP address. An incorrect entry of an IP address does not allow for access to the printer by using the IP protocol.
- If you enable IP filtering, access to hosts that are not specified in this setting is rejected.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Select [Admin Setup].

4 Select [Network] > [Security] > [IP Filtering].

5 Specify detailed settings by following the on-screen instructions.



- If nothing is registered in [Administrator's IP Address to Register], any access to the machine may not be allowed depending on the specified IP address range.
- If you use a proxy server, [Your Current Local Host/Proxy IP Address] and the IP address of your host may not match.

6 Click [Submit].

The new settings take effect when the network function of this machine restarts.



You can use only IPv4 for IP filtering.


Limiting by Using a MAC Address (MAC Address Filtering)

You can control access to the machine by using a MAC address. You can allow for or reject access from a specified MAC address.



Be sure to specify the correct MAC address. An incorrect entry of a MAC address does not allow for access to the machine from a network.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Select [Admin Setup].

4 Select [Network] > [Security] > [MAC Address Filtering].

5 Specify detailed settings by following the on-screen instructions.



- If nothing is registered in [Administrator's MAC Address to Register], access to the machine may not be allowed depending on the specified MAC address.
- If you use a proxy server, [Your Current Local Host/Proxy MAC Address] and the MAC address of your host may not match.

6 Click [Submit].

The new settings take effect when the network function of this machine restarts.




You cannot specify to accept or to reject for each address.

E-mail Alert

Setting to Send an E-mail Alert if an Error Occurs

To use this function, you need to set up your mail server in advance.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Select [Admin Setup].

4 Select [Network] > [E-mail] > [Alert Settings].

5 Enter an e-mail address to receive a notification in [Failure Notification Settings].

6 Click [Setting] of the entered e-mail address.

If you want to apply the notification conditions to another address, click [Copy].

7 Select [Upon occurrence of an event] in [Way of E-mail Alerting], and then click [To Step 2].

8 Specify detailed settings by following the on-screen instructions.

If you insert a check in any errors or warnings that require notification, a window to specify the time difference between the sending of the notification and the occurrence of the error is displayed.

9 Click [OK].


10 Click [View a summary of current configuration] to check the current settings, and then click [x] to close the window.

You can check the current settings of up to two addresses in the main window. Select the address you want to check from the list box.

11 Click [Submit].

The new settings take effect when the network function of this machine restarts.

Setting to Send an E-mail Alert Regularly


- 1 Open the Web page of this machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Select [Network] > [E-mail] > [Alert Settings].
- 5 Enter an e-mail address to receive a notification in [Failure Notification Settings].
- 6 Click [Setting] of the entered e-mail address.
 If you want to apply the notification conditions to another address, click [Copy].
- 7 Select [Periodically] in [Way of E-mail Alerting], and then click [To Step 2].
- 8 Specify detailed settings by following the on-screen instructions.
- 9 Click [OK].
- 10 Click [View a summary of current configuration] to check the current settings, and then click [x] to close the window.
 You can check the current settings of up to two addresses in the main window. Select the address you want to check from the list box.
- 11 Click [Submit].
 The new settings take effect when the network function of this machine restarts.



If any failure that is not eligible for notification, an e-mail is not sent.

Using SNMPv3

If you use an SNMP manager that supports SNMPv3, you can encrypt the machine management with SNMP.

- 1 Open the Web page of this machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Select [Network] > [SNMP] > [Settings].
- 5 Specify detailed settings by following the on-screen instructions.
- 6 Click [Submit].
 The new settings take effect when the network function of this machine restarts.




An SNMP agent is implemented. You can confirm and change the machine settings with a commercially available SNMP agent. For the MIB in the machine, refer to the "Software DVD-ROM", and check the "README" file in the [Misc] > [MIB Files] folder.

Using IEEE802.1X

This machine supports IEEE802.1X authentication. With this authentication function, you can set the machine, that is connected to a network, deny connection except for specific computers.

Setting by Using PEAP


EAP authentication must be performed after computer connection is authenticated by enabling IEEE802.1X. This section describes how to set PEAP, which is an EAP authentication type. You must log in as the administrator to complete this setting.

- 1 Open the Web page of this machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Select [Network] > [IEEE802.1X].
- 5 Select [Enable] from [IEEE802.1X].
- 6 Select [PEAP] from [EAP Type].
- 7 Enter a user name in [EAP User].
- 8 Enter a password in [EAP Password].
- 9 Select [Authenticate Server], and then click [Import].
- 10 Enter the file name of the CA certificate, and then click [OK].
Specify the certificate issued by the certificate authority that the RADIUS server obtained. You can import a PEM, DER, and PKCS#7 file.
- 11 Click [Submit].
The new settings take effect when the network function of this machine restarts.
- 12 Turn the machine off after this machine becomes online.
- 13 Connect the LAN cable to the network interface connector.

- 14 Connect the LAN cable to the authentication port of an authentication switch.
- 15 Turn the machine on.
- 16 Set up this machine.

Setting by Using EAP-TLS

EAP authentication must be performed after computer connection is authenticated by enabling IEEE802.1X. This section describes how to set EAP-TLS, which is an EAP authentication type. You must log in as the administrator to complete this setting.


- 1 Open the Web page of this machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Select [Network] > [IEEE802.1X].
- 5 Select [Enable] for [IEEE802.1X].
- 6 Select [EAP-TLS] for [EAP Type].
- 7 Enter a user name in [EAP User].
- 8 Select [Do not use SSL/TLS Certificate for EAP authentication], and then click [Import].
- 9 Enter the file name of the certificate.
You can only import a PKCS#12 file.
- 10 Enter the password of the certificate, and then click [OK].
- 11 Select [Authenticate Server], and then click [Import].
- 12 Enter the file name of the CA certificate, and then click [OK].
Specify the certificate issued by the certificate authority that the RADIUS server obtained. You can import a PEM, DER, and PKCS#7 file.

- 13 Click [Submit].
The new settings take effect when the network function of this machine restarts.
- 14 Turn the machine off after this machine becomes online.
- 15 Connect the LAN cable to the network interface connector.
- 16 Connect the LAN cable to the authentication port of an authentication switch.
- 17 Turn the machine on.
- 18 Set up this machine.

Setting the LDAP Server



For details on the LDAP server and encryption setting, contact your network administrator.

- 1 Open the Web page of this machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Select [Network] > [LDAP].
- 5 Enter the FQDN or IP address of the LDAP server in [LDAP Server].



When you select [Digest-MD5] or [Secure Protocol] for [Method] in step 13, do not enter an IP address, but enter an FQDN. FQDN is a combination of a host name and domain name. (Example: Server1.domain1.local)

- 6 Enter the port number of the LDAP server in [Port Number].
- 7 Specify a value of time-out to wait for the search results in [Timeout].
- 8 Specify a BaseDN to access the LDAP server in [Search Root].
- 9 Select a necessary authentication method in [Method].
[Anonymous]: Connects to the LDAP server by Anonymous authentication.
[Simple]: Connects to the LDAP server by Simple authentication.
[Digest-MD5]: Connects to the LDAP server by Digest-MD5 authentication.
[Secure Protocol]: Connects to the LDAP server by Secure Protocol (Kerberos) authentication.



If you select [Anonymous], the machine always authenticates by Anonymous authentication. If you use the LDAP server for the LDAP Name authentication, select an authentication method other than [Anonymous].




- If you select [Digest-MD5], you must set the DNS server.
- If you select [Secure Protocol], you must set SNTP server, DNS server, and secure protocol server.

- 10 If you select other than [Anonymous] in step 13, specify the user ID and password to log in to the LDAP server.
- 11 Select the encryption method in [Encryption].
[None]: Encryption is not performed.
[LDAPS]: Encryption in LDAPS method is performed.
[STARTTLS]: Encryption in StartTLS method is performed.
- 12 Click [Submit].


E-mail Setup

You can set reception protocol (POP3, SMTP, etc.) so that the machine can receive e-mail.

- 1 Open the Web page of this machine.
 Open the Web Page of This Machine
- 2 Log in as the administrator.
- 3 Select [Admin Setup].
- 4 Click [Network] > [Mail Server] on the left side of the screen.
- 5 Set the mail server based on the information on the setting information sheet if necessary.
- 6 Click [Submit].
- 7 Click [E-mail] > [Receive Settings] on the left side of the screen.
- 8 Select [POP3] or [SMTP], and then click [To STEP2].
- 9 Set the POP3 protocol if necessary.
- 10 Click [Submit].


Setting Power Save Mode (Web Page)

Set the length of idle time before entering Power Save mode.

- 1 Open the Web page of this machine.
 [Open the Web Page of This Machine](#)
- 2 Log in as the administrator.
- 3 Click [Admin Setup].
- 4 Click [Management] > [Power Save].
- 5 Select the transition time from [Power Save Time], and then click [Submit].

Setting Sleep Mode (Web Page)

Set the length of idle time before entering Sleep mode.

- 1 Open the Web page of this machine.
 [Open the Web Page of This Machine](#)
- 2 Log in as the administrator.
- 3 Click [Admin Setup].
- 4 Click [Management] > [Power Save].
- 5 Select the transition time from [Sleep Time], and then click [Submit].



 [Restrictions in Power Saving Function \(User's Manual\)](#)

Setting Auto Power Off Mode (Web Page)

- Setting Auto Power Off
- Setting the Transition Time

You can set Auto Power Off.

Setting Auto Power Off

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Click [Admin Setup].

4 Click [User Install] > [Power Setup].

5 Select [Auto Power Off], and then click [Submit].

Setting the Transition Time

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Click [Admin Setup].

4 Click [Management] > [Power Save].

5 Select [Auto Power Off Time], and then click [Submit].

JOB MACRO (Web Page)

This machine is equipped a web browser on the touch panel. The browser helps you access web application running on the server to use various solutions.

The affiliate software vendors offer the web application which becomes available only if you make an agreement with the vendor and install it. The application created based on our solution platform (smart Extendable Platform(sXP)) to run on the server is called sXP application.

The sXP application operation screens are displayed on the web browser of the machine. To open the sXP application operation screen, register the URL for the sXP application and call from JOB MACRO.

The web browser on the machine is only for using the sXP application.




The sXP application can offer solutions which manage printing process, digitalize paper documents to systematize work, etc.

• Registering sXP Application

The sXP application can be registered on the Web page of this machine.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Click [sXP Application].

4 Click [+].

5 Enter "Application Name" and "URL Address", and then click [OK].

The application name set here is registered as a job macro name and is displayed in the Job Macro list.



- "Application Name" and "URL Address" used when registered are regulated by the sXP application supplier.
- For the "URL Address", always enter the complete address.
- If "Web browser" is set as the default mode of the machine, the selected sXP application will be displayed on "Default Mode". To set on "Default Mode", select the radio button for sXP application and click [OK].

• **Starting the Registered sXP Application**


You can start the registered sXP application.

The registered sXP application is saved in Job Macro. Refer to "Using a Registered Macro".

• **Editing the Name and URL of sXP Application**

The name and URL of sXP application can be edited from the Web page of this machine.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

3 Click [sXP Application].

4 Click the application name you want to edit.

5 Edit "Application Name" and "URL Address" and click [OK].

• **Deleting the Registered sXP Application**

The sXP application can be deleted on the Web page of this machine.

1 Open the Web page of this machine.

 Open the Web Page of This Machine

2 Log in as the administrator.

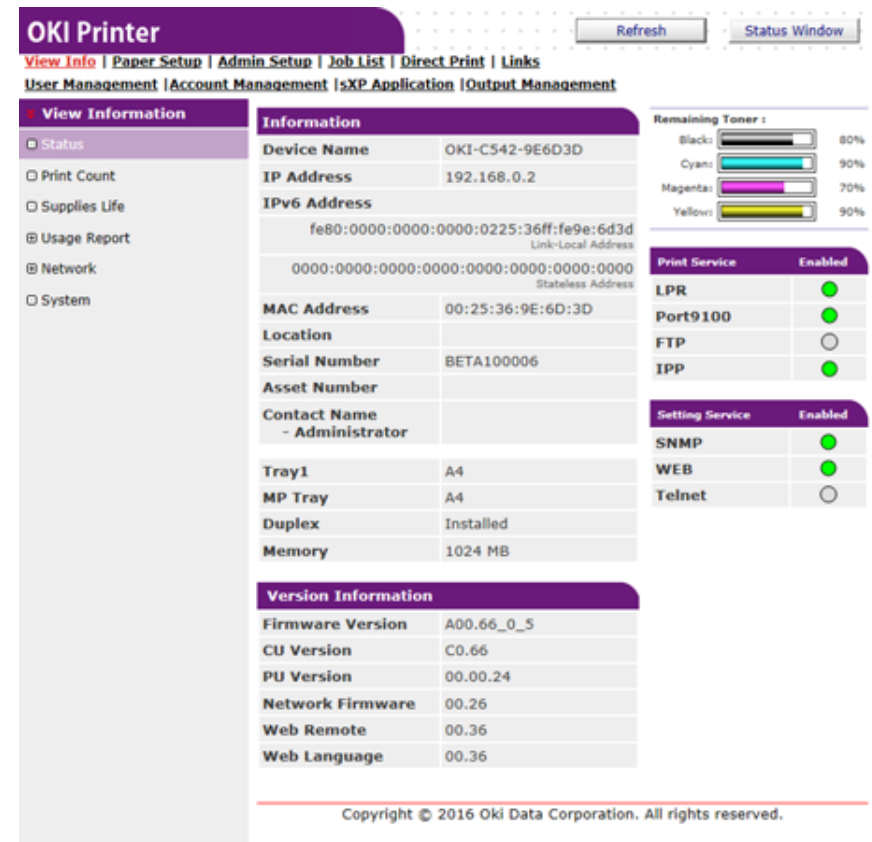
3 Click [sXP Application].

4 Select the check box for the application name you want to delete.

5 Click [Delete].

About Items That Can be Set or Checked

• **View Information**



OKI Printer Refresh Status Window

[View Info](#) | [Paper Setup](#) | [Admin Setup](#) | [Job List](#) | [Direct Print](#) | [Links](#)

[User Management](#) | [Account Management](#) | [sXP Application](#) | [Output Management](#)

View Information

- Status
- Print Count
- Supplies Life
- Usage Report
- Network
- System

Information

Device Name	OKI-C542-9E6D3D
IP Address	192.168.0.2
IPv6 Address	fe80:0000:0000:0000:0225:36ff:fe9e:6d3d <small>Link-Local Address</small>
	0000:0000:0000:0000:0000:0000:0000:0000 <small>Stateless Address</small>
MAC Address	00:25:36:9E:6D:3D
Location	
Serial Number	BETA100006
Asset Number	
Contact Name	- Administrator
Tray1	A4
MP Tray	A4
Duplex	Installed
Memory	1024 MB

Remaining Toner :

- Black: 80%
- Cyan: 90%
- Magenta: 70%
- Yellow: 90%

Print Service Enabled

LPR	<input checked="" type="checkbox"/>
Port9100	<input checked="" type="checkbox"/>
FTP	<input type="checkbox"/>
IPP	<input checked="" type="checkbox"/>

Setting Service Enabled

SNMP	<input checked="" type="checkbox"/>
WEB	<input checked="" type="checkbox"/>
Telnet	<input type="checkbox"/>

Version Information

Firmware Version	A00.66_0_5
CU Version	C0.66
PU Version	00.00.24
Network Firmware	00.26
Web Remote	00.36
Web Language	00.36

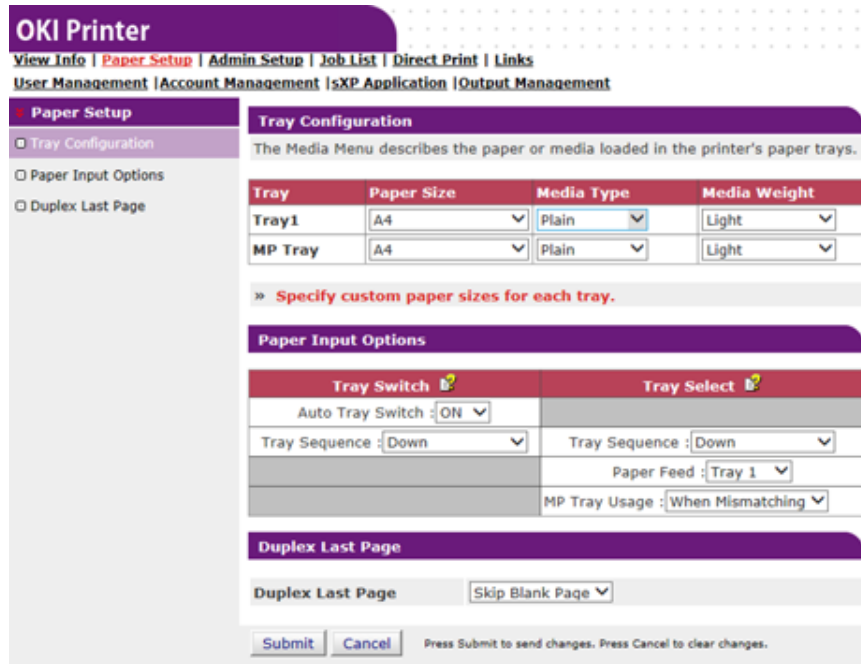
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Item	Description
Status	Displays the current status of the machine. All the warnings and errors that have occurred on the machine are displayed as "Alert information". You can also check the operating status of each network service, a list of machine information, and the IP address that is set to the machine.
Print Count	Displays the number of printouts.
Supplies Life	Displays the remaining amount and lifetime of consumables.

Item	Description
Usage Report (This function is displayed only if you log in as the administrator of the machine.)	Displays the print statistics results.
Network	You can check general information, the status of TCP/IP, maintenance information, and other Network setting information.
System	Displays the machine information.

• **Paper Setup**

This function is displayed only if you log in as the administrator of the machine.

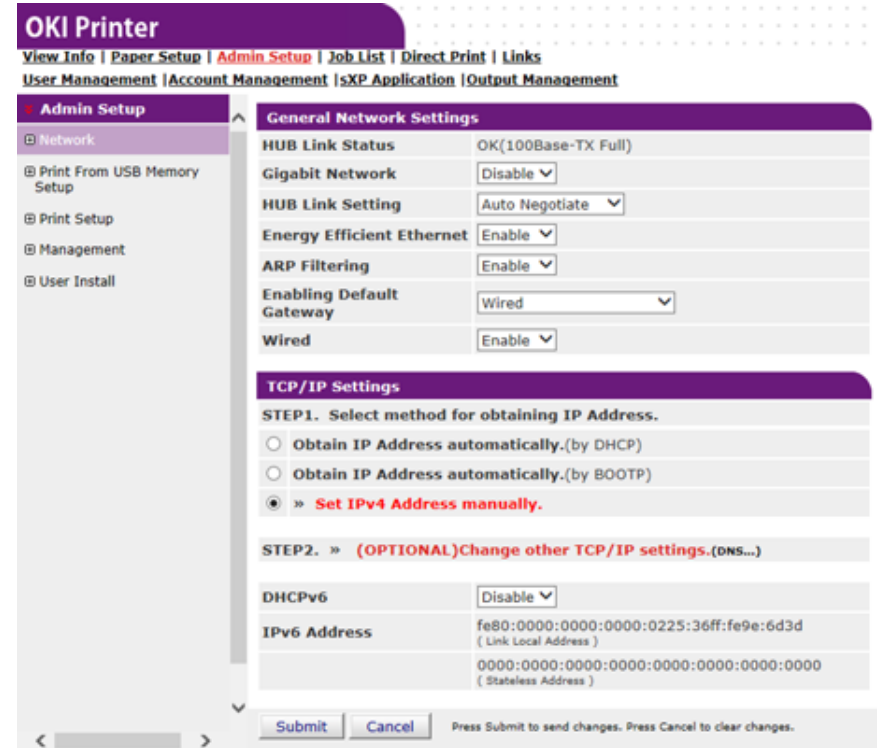


Item	Description
Tray Configuration	You can set a paper size for each tray, custom paper, and other settings. When using the printer driver, the values that are set with the printer driver are given priority over these settings.
Select Tray	Select a tray that is used when a received document is printed or paper is automatically selected.
Paper Input Options	Sets tray switch and a priority order.


Item	Description
Duplex Last Page	Sets whether to perform duplex printing if the last page is a simplex page.



• **Admin Setup**

This function is displayed only if you log in as the administrator of the machine.



• **Network**

Item	Description
General Network Settings	Sets the general network settings.
Wireless(Infrastructure) Setting	Sets the wireless(Infrastructure) settings.
Wireless(AP mode) Setting	Sets wireless (AP mode) settings.
TCP/IP	Sets TCP/IP information.  Easy Setup
NBT	Sets NetBIOS over TCP information.

Item		Description
Mail Server		Sets a mail server.
E-mail	Receive Settings	Sets an e-mail receive settings.  E-mail Setup
	Alert Settings	Sets the function that enables you to receive e-mail alerts about events that have occurred on the machine.  E-mail Alert
SNMP	Settings	Sets SNMP.
	Trap	Sets SNMP Trap.
IPP	Settings	Sets the function that enables you to perform IPP print.
	Authentication	Sets authentication.
Google Cloud Print		Sets Google Cloud Print information.
Windows Rally		Sets Windows Rally information.
IEEE802.1X		Sets IEEE802.1X/EAP information.
Secure Protocol Server		Sets secure protocol server information.
LDAP		Sets LDAP information.
Proxy		Sets Proxy information.
Security	Protocol ON/OFF	Stops a network protocol and network service that are not used.
	IP Filtering	Restricts access by using IP addresses. Access from outside your company is also supported. However, this function requires sufficient knowledge about IP addresses. Some settings may result in serious problems that prevent you from accessing the machine via a network.
	MAC Address Filtering	Restricts access by using MAC addresses. Access from outside your company is also supported. However, this function requires sufficient knowledge about MAC addresses. Some settings may result in serious problems that prevent you from accessing the machine via a network.
	SSL/TLS	Encrypts communications between a computer (client) and the machine.
	IPSec	Sets the encryption for communications between a computer (client) and the machine, and settings to prevent tampering.

Item		Description
Maintenance	Reset/Restore	Restarts and resets a network. Even if you access the Web page from the Web browser after restarting, the Web page is not displayed until the restart is complete. Resetting restores the IP address to its default status, resulting in information you manually set being lost. In such a case, the Web page cannot be displayed.
	Network Scale	Improves operation efficiency on a network. This setting is very effective when a hub that has the spanning tree function is used, or a computer and the machine are connected one-on-one with a cross cable.

• Print From USB Memory Setup

Set Print From USB Memory.

Item	Description
Default Settings	Sets default settings when printing from USB Memory.

• Print Setup

Item		Description
Print Menu	Print Setup	Sets the number of copies, resolution, and other settings. When using the printer driver, the values that are set with the printer driver are given priority over these settings.
	Printer Adjust	Sets manual timeout, jam recovery, and other print adjustment settings.
	Print Position Adjust	Adjusts front X, front Y, back X and back Y positions.
	Drum Cleaning	Sets cleaning of an image drum.
	Hex Dump	Displays all the received print data in hex. To exit this mode, restart the machine.
Color Menu		Sets Color settings.
System Configuration Menu		Sets operation modes, alarm release, and other machine operation settings for each situation.

Item		Description
Emulation	PCL Setup	Sets PCL.
	PS Setup	Sets PS.
	XPS Setup	Sets XPS.
	IBM PPR Setup	Sets IBM PPR Setup.
	EPSON FX Setup	Sets EPSON FX Setup.
Private Print Setup		Sets whether device will handle as a private print.

• **Management**

You can set device settings.

Item		Description
Local Interface	USB Menu	Sets USB.
Access Control Setup		Sets user authentication and access control.
System Setup		Sets display units and other settings.
Power Save		Sets power save settings.
Memory Setup		Sets the reception buffer size and resource save area.
Language Maintenance Setup		Sets Language settings.
Font Setup		Sets the output mode for fonts.
STOP Key Behavior		Sets the behavior when the STOP key is pressed. Setting to ON cancels the print job. Setting to OFF disables the function.
Admin Password		Sets an administrator password.
Reset Settings		Initializes all the data that is set in "Management".
Print Statistics		Enables/disables consumable counter.

• **User Install**

Item	Description
Power Setup	Sets Auto power off and Power supply Return.
Time Setup	Sets the time to the machine.
Other Settings	Sets High humid mode.



If [Auto] is selected for Time Setup, the time cannot be set from the operator panel.

• **Job List**

This function is displayed only if you log in as the administrator of the machine.



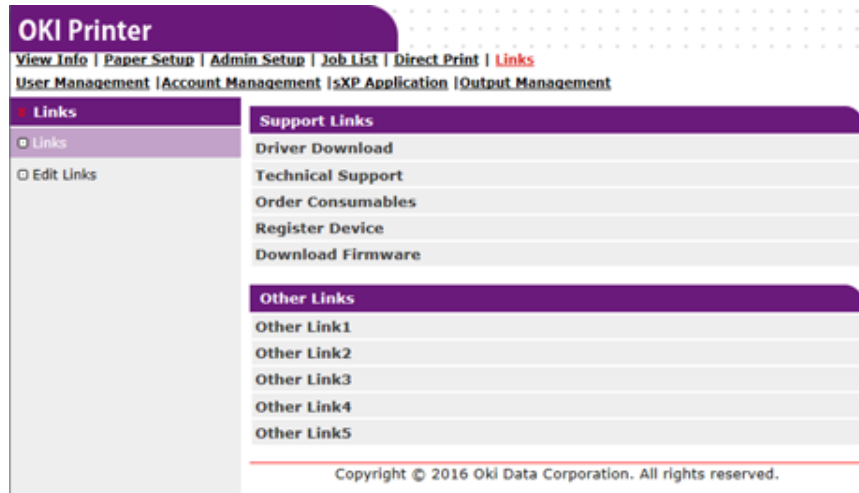
Item	Description
Job List	Displays a list of print jobs that are sent to the machine. You can delete unnecessary jobs.

• **Direct Print**



Item		Description
Web Printing		Specifies and prints a PDF file.
E-mail Printing (This function is displayed only if you log in as the administrator of the machine.)	E-mail Printing	Prints a PDF, JPEG and TIFF file if it is attached on an e-mail that the machine receives.
	Receive Settings	Sets an e-mail receive settings.

• Links



Item	Description
Links	Displays the links that are set by the manufacturer, and the links that are set by your administrator.
Edit Links (This function is displayed only if you log in as the administrator of the machine.)	Your administrator can set any URLs. Five support links and five other links can be registered. Include "http://" in an entered URL.

Color Correct Utility



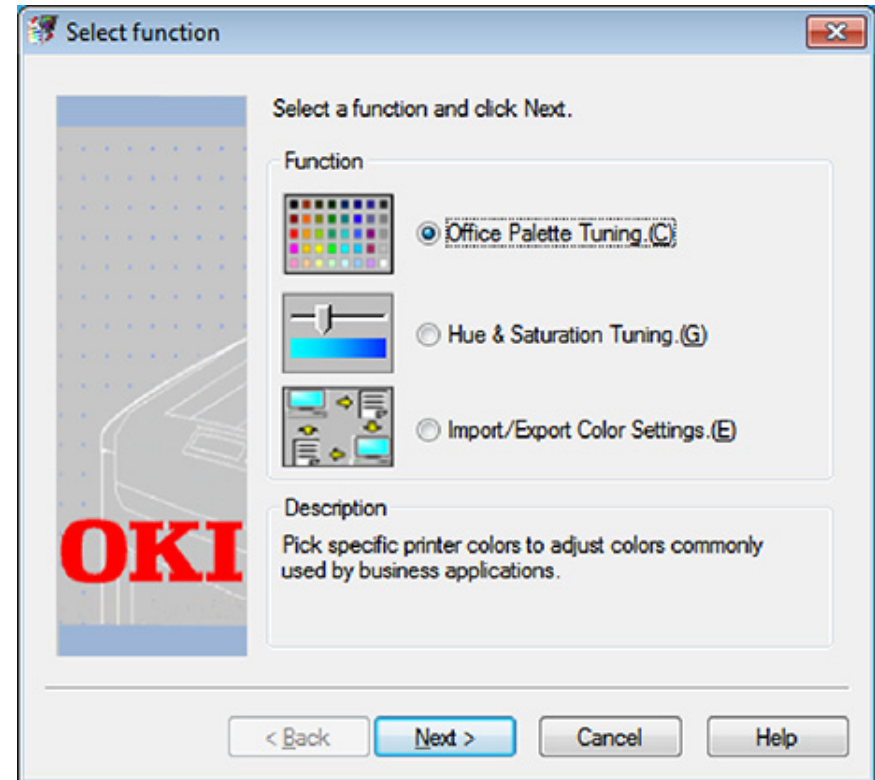
- Apply settings for each printer driver.
- You must be logged in as an administrator to perform color matching using the Color Correct Utility.

- Changing Palette Color
- Changing Gamma Value or Hue
- Printing in Adjusted Color Settings
- Saving Color Correction Settings
- Importing Color Correction Settings
- Deleting Color Correction Settings

Changing Palette Color

Color Correct Utility allows you to specify colors on the palette selected in software such as Microsoft Excel.

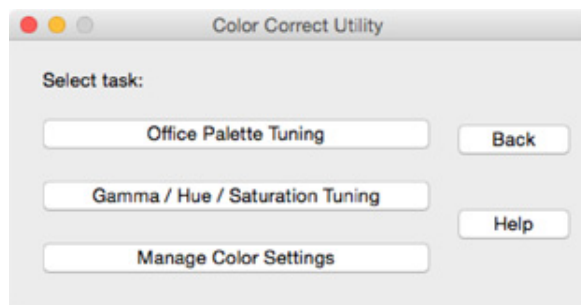
• For Windows



- 1 Click [Start] and select [All Programs] > [Okidata] > [Color Correct Utility] > [Color Correct Utility].
- 2 Select [Office Palette Tuning] and then click [Next].
- 3 Select the machine and click [Next].
- 4 Select the name the setting you want and then click [Print Sample].

- 5 Click [Next].
- 6 Click [Print Palette].
- 7 Compare the colors of the color palette on the screen with those of the printed color sample for adjustment.
Colors marked with cross cannot be adjusted.
- 8 Click the color you want to adjust.
- 9 Check each adjustable range from the pull-down menu for X and Y.
The adjustable value varies depending on the color.
- 10 Check the printed color swatch to select the most suitable color you want within the adjustable range, and then check the X and Y values.
- 11 Select the values you checked at step 10, and then click [OK].
- 12 Click [Print Palette] and check if the adjusted color is closer to the color you want and then click [Next].
If you want to change the color more or change other colors, repeat steps 8 to 11.
- 13 Enter a name to save as, and then click [Save].
- 14 Click [OK].
- 15 Click [Finish].

• **For Mac OS X**



- 1 Launch Color Correct Utility.
- 2 Select the machine.
- 3 Click [Next].
- 4 Click [Office Palette Tuning].
- 5 Select the name of the setting you want, and then click [Print Swatches].
- 6 Click [Next].
- 7 Click [Print Palette].
- 8 Compare the colors of the color palette on the screen with those of the printed color sample for adjustment.
Colors marked with cross cannot be adjusted.
- 9 Click the color you want to adjust.
- 10 Check each adjustable range from the pull-down menu for X and Y.
The adjustable value varies depending on the color.
- 11 Check the printed color swatch to select the most suitable color you want within the adjustable range, and then check the X and Y values.
- 12 Select the values you checked at step 11, and then click [OK].
- 13 Click [Print Palette] and check that the adjusted color is closer to the color you want.
If you want to change the color more or change other colors, repeat steps 9 to 13.
- 14 Enter a name and then click [Save].
- 15 Select [Print & Scan] from [System Preferences] to delete and reregister all machines for which adjustments were made.

Changing Gamma Value or Hue

You can adjust tone by adjusting the gamma value and output color by adjusting the hue.

• For Windows

- 1 Click [Start] and select [All Programs] > [Okidata] > [Color Correct Utility] > [Color Correct Utility].
- 2 Select [Hue & Saturation Tuning.] and then click [Next].
- 3 Select the machine and click [Next].
- 4 Select the standard mode and click [Next].
- 5 Apply settings as necessary by adjusting the slide bar.
If you select the [Use printer's unadjusted color] check box, 100 percent of each color is used for printing, and the slide bar of hue is fixed.
- 6 Click [Print Test].
- 7 Check the print result.
If you are not satisfied with the result, repeat steps 5 to 6.
- 8 Click [Next].
- 9 Enter a name and then click [Save].
A dialog box appears.
- 10 Click [OK].
- 11 Click [Finish].

• For Mac OS X

- 1 Launch Color Correct Utility.
- 2 Select the machine.
- 3 Click [Next].

- 4 Click [Gamma/Hue/Saturation Tuning].
- 5 Select the standard mode and click [Next].
- 6 Apply settings as necessary by adjusting the slide bar.
If you select the [Use default printer hue] check box, 100 percent of each color is used for printing, and the slide bar of hue is fixed.
- 7 Click [Print Test].
- 8 Check the print result.
If you are not satisfied with the result, repeat steps 6 to 8.
- 9 Enter a name and then click [Save].
- 10 Select [Print & Scan] from [System Preferences] to delete and reregister all machines for which adjustments were made.

Printing in Adjusted Color Settings

• For Windows PCL Printer Driver

- 1 Open the file you want to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences] or [Properties].
- 4 Click [Detail] in the [Setup] tab and select [Office Color].
- 5 Select the [Color Correct Utility Settings] and select the setting you created with the Color Correct Utility and then click [OK].

• For Windows PS Printer Driver

- 1 Open the file you want to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Preferences] or [Properties].
- 4 Select the [Color] tab and select [Office Color] and then click [Detail].
- 5 Select the [User Settings] and select the setting you created with the Color Correct Utility and then click [OK].

• For Mac OS X

- 1 Open the file you want to print.
- 2 From the [File] menu, select [Print].
- 3 Click [Office Color] on the [Color] panel.
- 4 Select the setting you created with the Color Correct Utility from [RGB Color Setting].

Saving Color Correction Settings

You can save the adjusted color settings to a file.



The administrator's authority is needed for this function.

• For Windows

- 1 Click [Start] and select [All Programs] > [Okidata] > [Color Correct Utility] > [Color Correct Utility].
- 2 Select [Import/Export Color Settings.] and then click [Next].
- 3 Select the machine and click [Next].
- 4 Click [Export].
- 5 Select the settings to export and click [Export].
- 6 Specify the file name and the folder to save to, and then click [Save].
- 7 Click [OK].
- 8 Click [Finish].

• For Mac OS X

- 1 Launch Color Correct Utility.
- 2 Select the machine.
- 3 Click [Next].
- 4 Click [Manage Color Settings].
- 5 Click [Export].
- 6 Select the settings to export and click [Export].
- 7 Specify the file name and the folder to save to, and then click [Save].

8 Click [Cancel].

Importing Color Correction Settings

You can import color correct settings from files.

- **For Windows**

- 1 Click [Start] and select [All Programs] > [Okidata] > [Color Correct Utility] > [Color Correct Utility].
- 2 Select [Import/Export Color Settings.] and then click [Next].
- 3 Select the machine, and click [Next].
- 4 Click [Import].
- 5 Select the file and click [Open].
- 6 Select the settings to import and click [Import].
- 7 Check that the setting is imported properly and then click [Finish].

- **For Mac OS X**

- 1 Launch Color Correct Utility.
- 2 Select the machine.
- 3 Click [Next].
- 4 Click [Manage Color Settings].
- 5 Click [Import].
- 6 Select the folder in which settings to be imported are saved, and click [Open].
- 7 Select the settings to import and click [Import].
- 8 Click [Cancel].
- 9 Check that the setting is imported properly.

Deleting Color Correction Settings

• For Windows

- 1 Click [Start] and select [All Programs] > [Okidata] > [Color Correct Utility] > [Color Correct Utility].
- 2 Select [Import/Export Color Settings.] and then click [Next].
- 3 Select the machine, and click [Next].
- 4 Select the file you want to delete and click [Delete].
- 5 On the confirmation screen, click [Yes].
- 6 Check that the setting is deleted properly and then click [Finish].

• For Mac OS X

- 1 Launch Color Correct Utility.
- 2 Select the machine.
- 3 Click [Next].
- 4 Click [Manage Color Settings].
- 5 Select the setting you want to delete and click [Delete].
- 6 On the confirmation screen, click [Yes].
- 7 Check that the setting is deleted properly.

Color Swatch Utility

This section explains the Color Swatch Utility. You can print the RGB color swatch built in to the machine using the Color Swatch Utility. You can check the RGB values with the RGB color swatch and print out the colors as needed.

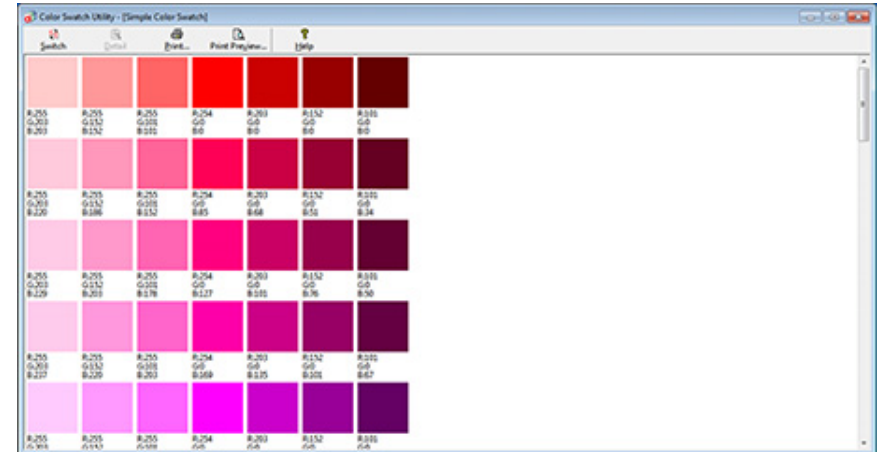


When the printer driver is installed, the color swatch utility software is installed at the same time.

- Printing Color Swatch
- Customizing the Color Swatch
- Printing a File With the color You Want

Printing Color Swatch

- 1 Click [Start], and select [All Programs] > [Okidata] > [Color Swatch Utility] > [Color Swatch Utility].



- 2 Click [Print].
- 3 Select the machine from [Name].
- 4 Click [OK].
- 5 Check the color swatch for the colors you want to print, and then write down the RGB values.

Customizing the Color Swatch

If you cannot find the color you want in "Printing Color Swatch" step 5, follow the procedures below to customize the color.

- 1 Click [Switch].
- 2 Click [Detail].
- 3 Adjust the three slide bars until the color you want appears.
- 4 Click [Close].
- 5 Click [Print].
- 6 Select the machine from [Name].
- 7 Click [OK].
- 8 Check that the color is adjusted as you want.



If you are not satisfied with the printing result, repeat from step 1 to 8.

Printing a File With the Color You Want

- 1 Open the file you want to print.
- 2 Select the text or graphic to adjust the RGB values in an application.
- 3 Print out the file.



- For details on how to specify the color in the application, refer to the application's manual.
- When printing color swatches and the file you want, use the same printer driver settings.

PS Gamma Adjuster Utility

You can adjust the half-tone density of CMYK colors printed by the printer. Use this function if the color in a photograph or graphic is too dark.



- This function can be used with PS Printer Driver.
- With Windows, the [Gamma Adjuster] menu or its content may not be displayed on the [Color] tab of the printer driver after registering a halftone adjustment name in [Custom Gamma Adjustment]. In such a case, restart your computer.
- Using the halftone adjustment may cause printing to become slower. If you want to prioritize speed, uncheck [Gamma Adjuster] check box in the [Color] tab for the windows print driver, or select [None] for [Custom gamma] in the [Quality2] tab on the [Print Options] panel for the Mac OS X printer driver.
- Applications that were started before registering [Gamma Curve Name] must be restarted before printing.
- Some applications allow you to specify dot gain compensation and halftone adjustment when printing or have the function that includes such settings in an EPS file. To use such functions provided by the application, uncheck [Gamma Adjuster] check box in the [Color] tab for the windows print driver, or select [None] for [Custom gamma] in the [Quality2] tab on the [Print Options] panel for the Mac OS X printer driver.
- The "Select Printer" list of PS Gamma Adjuster displays model names. If more than one printer of the same model exist in the [Printer and Device] folder, the registered [Gamma Curve Name] is applied to all same-model printers.



List of Utility Software

- Registering an Adjusted Halftone
- Printing with a Registered Halftone

Registering an Adjusted Halftone

For Windows PS Printer Driver

- 1 Click [Start], and then select [All Programs] > [Okidata] > [PS Gamma Adjuster] > [PS Gamma Adjuster].
- 2 Select [OKI C542 PS] from [Select Printer].
- 3 Click [New].
- 4 Adjust the halftone.
Edit the graph or enter the gamma value or the tone density in the text box to adjust the halftone.
- 5 Enter a setting name in [Gamma Curve Name], and then click [OK].
- 6 Click [Add].
- 7 Click [Apply].
- 8 Click [OK].
- 9 Click [Exit] to exit PS Gamma Adjuster Utility.

For Mac OS X

- 1 Start PS Gamma Adjuster.
- 2 Click [New].
- 3 Adjust the halftone.
Edit the graph or enter the gamma value or the tone density in the text box to adjust the halftone.
- 4 Enter a setting name in [Gamma Curve Name], and then click [Save].
- 5 Click [Select PPD].

- 6 Select a PPD file to register an adjusted halftone, and then click [Open].
- 7 Select the created halftone adjustment, and then click [Add].
- 8 Click [Save].
- 9 Select [Print & Scan] in [System Preferences].
- 10 Delete the registered printer to which the adjustment has been made, and then register the printer again.



- Do not click the [Configure] button that is displayed while the printer is being registered.
- If a dialog box in which you can select a printer option is displayed while the printer is being registered, click [Cancel], and then register the printer again.

Printing with a Registered Halftone

For Windows PS Printer Driver

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Click [Properties].
- 4 Check the [Gamma Adjuster] check box on the [Color] tab.
- 5 Select the registered halftone adjustment name.
- 6 Change other settings if necessary, and then click [OK].
- 7 Click [Print] on the [Print] screen.

For Mac OS X

- 1 Open the file to print.
- 2 Select [Print] from the [File] menu.
- 3 Select the [Print Options] panel.
- 4 Select the created halftone adjustment from [Custom gamma] in the [Quality2] tab.
- 5 Change other settings if necessary, and then click [Print].

Configuration Tool

In the Configuration Tool, you can manage multiple machines and change settings.

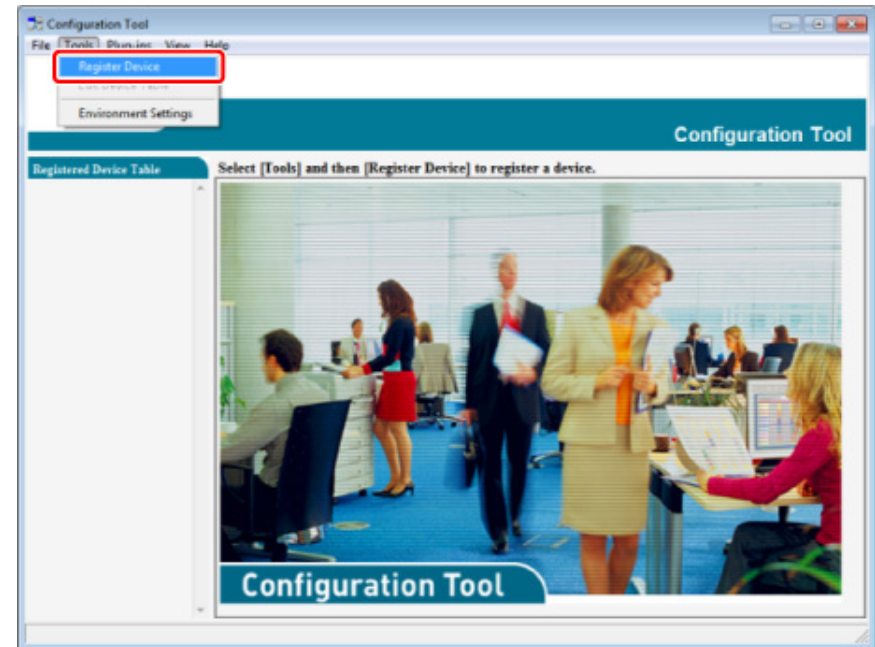
The Configuration Tool functions are as follows.

- Registering This Machine
- Starting Configuration Tool
- Checking the Status of This Machine
- Cloning Settings
- Displaying the Alert Info
- Setting the Network
- Registering ICC Profile
- Registering Forms (Form Overlay)
- Checking the Free Space in Memory/Hard Disk Drive
- Registering a User Name and Password
- Removing This Machine
- Names and Functions of Screen Items for Configuration Tool

Registering This Machine

When you install this machine for the first time, register it in Configuration Tool.

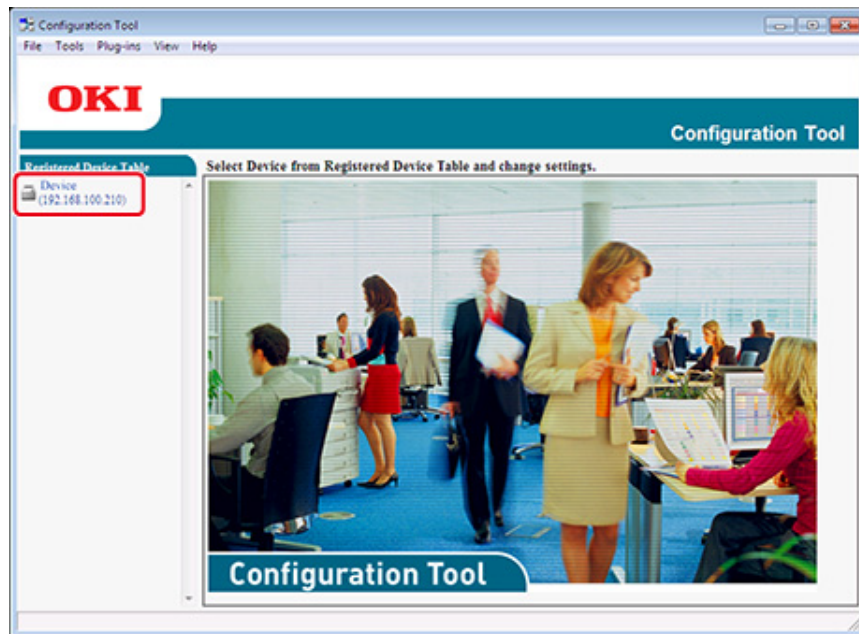
- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select [Register Device] from the [Tools] menu.



- 3 When available devices are displayed, select this machine, and then click [Register].
- 4 Click [Yes] on a confirmation screen.

Starting Configuration Tool

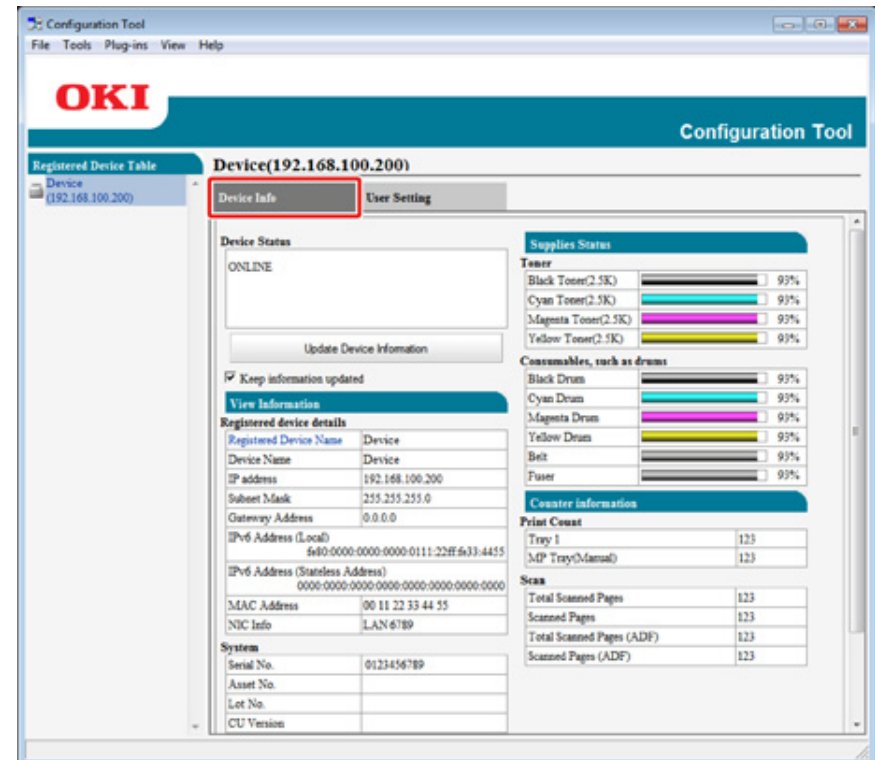
- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select the machine from [Registered Device Table].



Checking the Status of This Machine

You can check the status and information of this machine.

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select the machine from [Registered Device Table].
- 3 Select the [Device Info] tab.



- If this machine is connected to the network, [Device Status] is displayed.
- To update information, click [Update Device Information].

Cloning Settings

- Cloning User Settings

Cloning User Settings

You can copy user settings to a different device.

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select the machine that has the settings you want to clone from [Registered Device Table].
- 3 Select the [User Setting] tab.
- 4 Click [Cloning].
- 5 Enter the administrator password, and then click [OK].
The factory default password is "999999".
- 6 Select a cloning destination to and cloning settings.
- 7 Click [Execute].
- 8 Enter the password for the cloning source and target and click [OK].
Results are displayed.

Displaying the Alert Info

- Basic Settings
- Device Settings
- Filter Settings
- Checking Logs



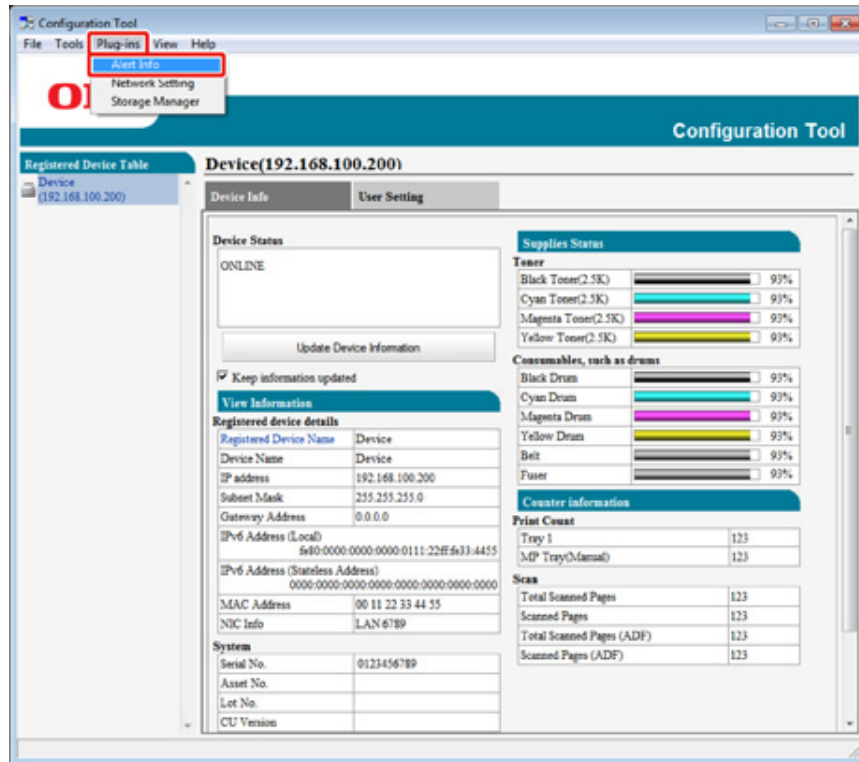
The time and time zone of this machine must be consistent with those of your computer.

Basic Settings

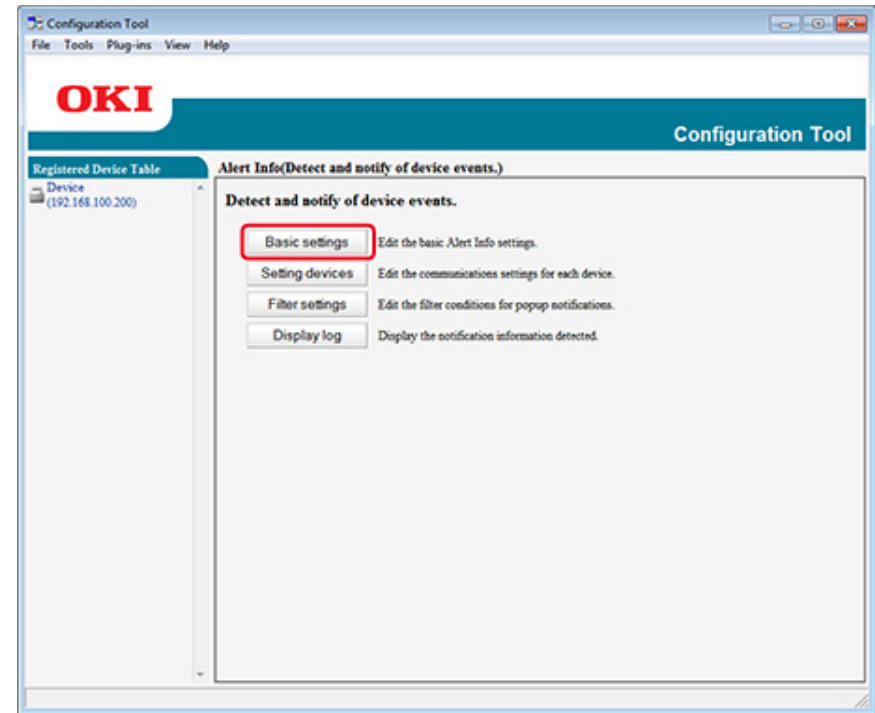
You can set basic settings of the Alert Info plug-in.

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].

- 2 Select [Alert Info] from the [Plug-ins] menu.



- 3 Select [Basic settings].

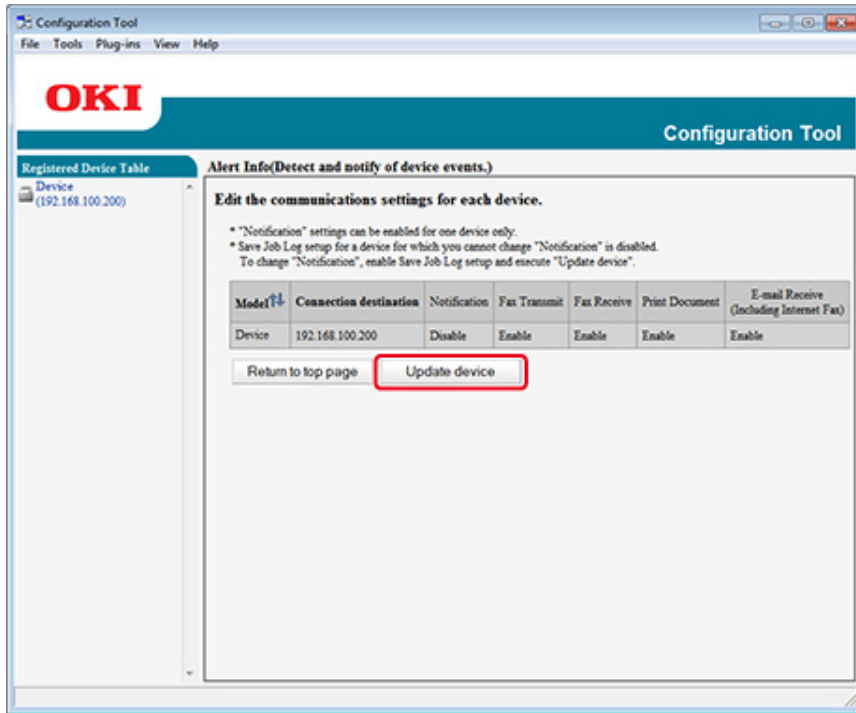


- 4 Change the setting if necessary.
5 Click [Update].

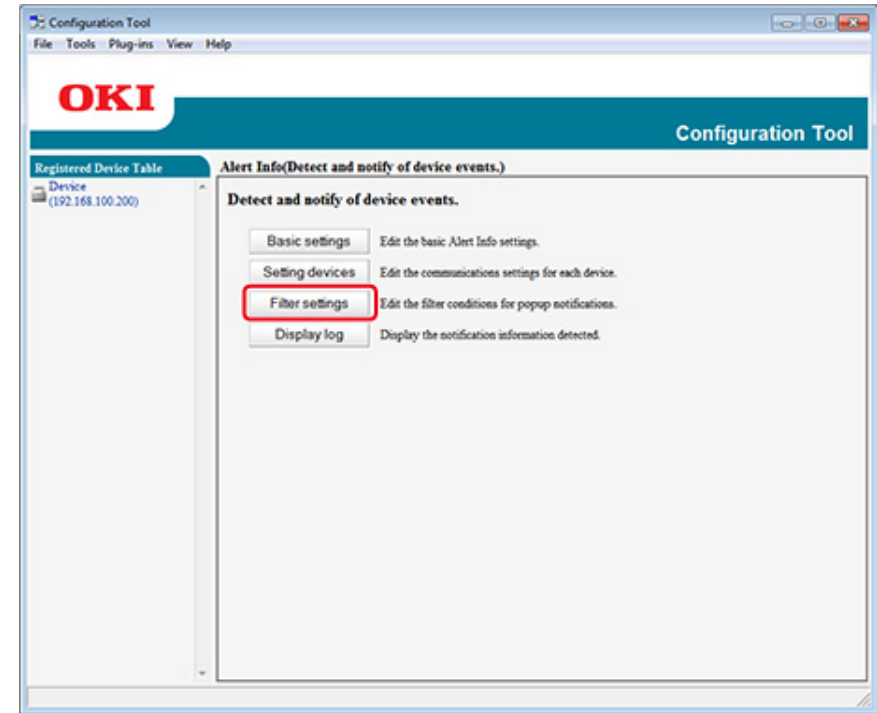
Device Settings

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
2 Select [Alert Info] from the [Plug-ins] menu.
3 Select [Setting devices].

- 4 Click [Update device].



- 3 Select [Filter settings].



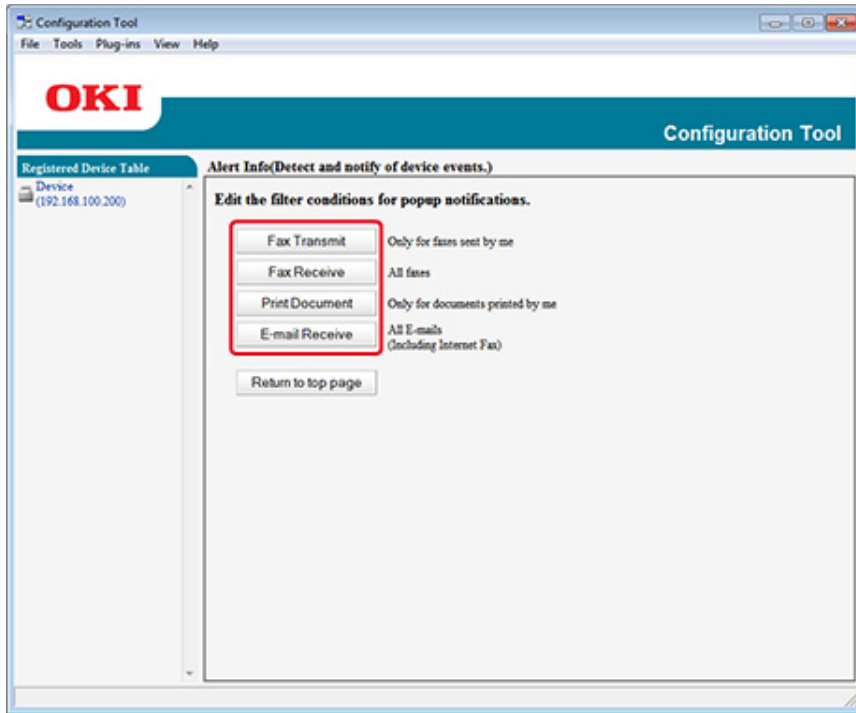
- 5 Select a device to set.
6 Change the settings if necessary, and then click [OK].

Filter Settings

You can set display alert conditions.

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
2 Select [Alert Info] from the [Plug-ins] menu.

4 Change the setting if necessary.



5 Click [OK].

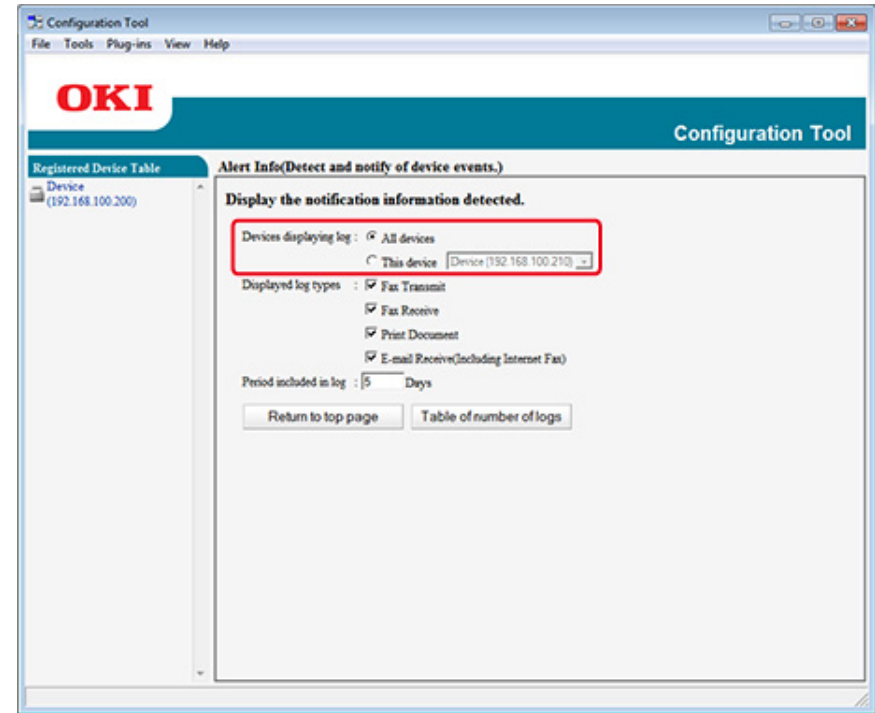
Checking Logs

Using the event log, you can check whether there are any records about the machine that is registered.

1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].

2 Select [Alert Info] from the [Plug-ins] menu.

3 Select [Display log].



- You can check the total number of recorded events in [Log Number List].
- You can check details of recorded logs in [Log details].

Setting the Network

You can set a network with Configuration Tool.

- Searching for the Machine on a Network
- Specifying Search Conditions
- Changing the IP Address

Searching for the Machine on a Network

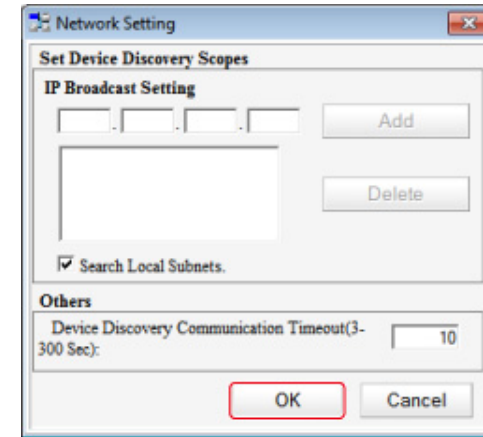
You can search for this machine.

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select [Network Setting] from the [Plug-ins] menu.
- 3 Select [Discover Devices].
Search results are displayed.

Specifying Search Conditions

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select [Network Setting] from the [Plug-ins] menu.
- 3 Select [Environment Settings].

- 4 Change the search conditions if necessary, and then click [OK].

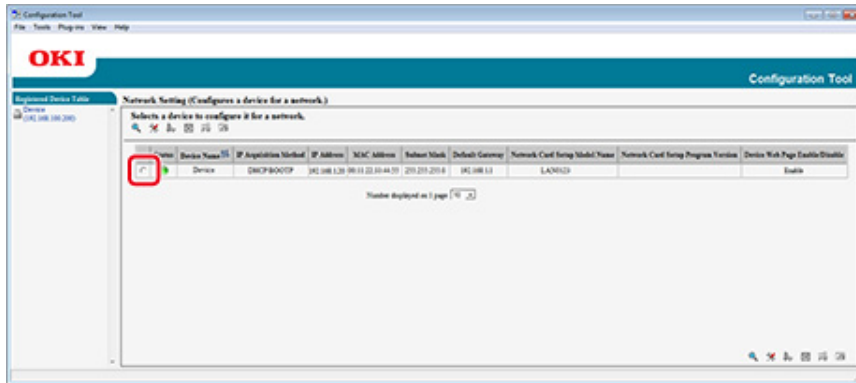


Changing the IP Address

You can change the IP address for this machine.

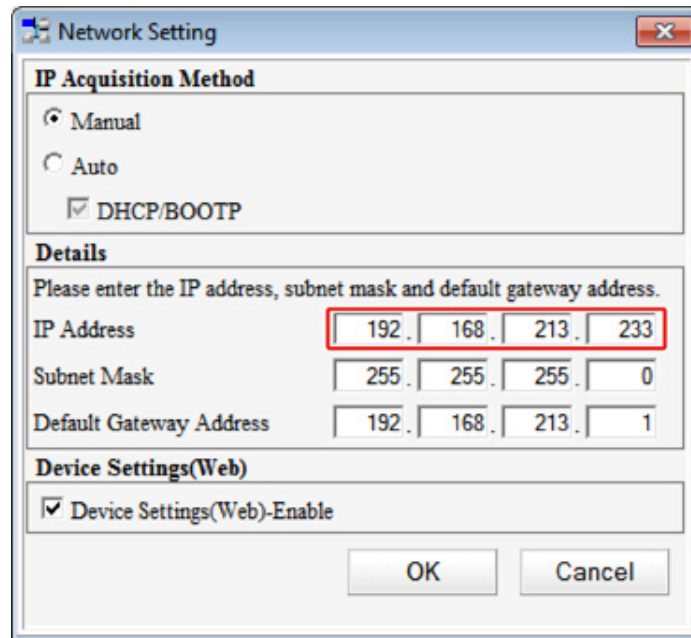
- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select [Network Setting] from the [Plug-ins] menu.
- 3 Select [Discover Devices].

- 4 Select the machine from the device list.



- 5 Click  (Device Settings).

- 6 Change the setting if necessary.



- 7 Click [OK].

- 8 Enter the administrator password, and then click [OK].




The factory default password is "999999".

- 9 Click [OK] to restart this machine.

Registering ICC Profile

You can register and edit printer profile to the machine. This section describes how to register ICC profile.

To register ICC profile, mount the optional hard disk.


- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select [Storage Manager] from the [Plug-ins] menu.
- 3 Click  (New Project).
- 4 Click  (Add File to Project), and then select a form file you want to register.
The file is added to the project.
- 5 Click a profile.
- 6 Select [ID] you want to register.
You cannot select numbers already used in the project, which are displayed on a yellow background.
- 7 Enter comments in [Comments] if necessary.
- 8 Click [OK], to apply the change.
- 9 Select the machine from the bottom of the Storage Manager Plug-in window.
- 10 Click  (Send project files to printer).
- 11 Click [OK].

Registering Forms (Form Overlay)

You can register such as logos to the machine as forms, and then print overlays. This section describes how to register forms.

- Creating a Form
- Registering the Form to the Machine Using Configuration Tool





About how to Print Overlays

 [Overlaying Forms or Logos \(Overlay\)](#)

Creating a Form

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the printer icon, and then select the necessary printer driver from [Printer Properties].
- 3 Select the [Ports] tab, select the [FILE] check box from [Port], and then click [Configure Port].
- 4 Create a form to register on the machine.
If using the Windows PCL printer driver, proceed to step 9.
- 5 Select [Print] from the [File] menu.
- 6 Click [Preferences] (or [Properties]).
- 7 Select the [Extend] tab, and then click [Overlays].
- 8 Select [Create Form].
- 9 Start printing.
- 10 Enter the file name under which you want to save.
- 11 Return [Printer Port] from the [Ports] tab.

Registering the Form to the Machine Using Configuration Tool

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
 - 2 Select [Storage Manager] from the [Plug-ins] menu.
 - 3 Click  (New Project).
 - 4 Click  (Add File to Project), and then select a created form file.
The form is added to the project.
 - 5 Click the form file.
 - 6 Click [OK].
-  Do not change [Target Volume] and [Path].
- 7 Select the machine from the bottom of the Storage Manager Plug-in window.
 - 8 Click  (Send project files to printer).
 - 9 Click [OK].


Checking the Free Space in Memory/Hard Disk Drive

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select [Storage Manager] from the [Plug-ins] menu.
- 3 Click the device name in the device selection area at the bottom of the Storage Manager plug-in screen.
The storage, volume name, size, free space, location name, label, status, file name, size, and comment are displayed by communicating with the device.




Registering a User Name and Password

You can restrict access to this machine by using a user name and password.


- Creating a New User
- Changing User Settings
- Deleting a User

If you click  (Save to device), the changed settings are reflected to this machine.


Creating a New User


- 1 Click [Start], and then select [All programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select the machine from [Registered Device Table].
- 3 Select the [User Setting] tab.
- 4 Click [Role Manager].
- 5 Click [User name/Group management].
- 6 Enter the administrator password, and then click [OK].
The factory default password is "999999".
- 7 Click  (New(User)).
- 8 Enter the user name and password.

You cannot use "admin" as a new user name.
- 9 Click [OK].
- 10 Click  (Save to device).

Changing User Settings

- 1 Click [Start], and then select [All programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select the machine from [Registered Device Table].
- 3 Select the [User Setting] tab.
- 4 Click [Role Manager].
- 5 Click [User name/Group management].
- 6 Enter the administrator password, and then click [OK].
The factory default password is "999999".
- 7 Select the user name to change.
- 8 Change settings if necessary, and then click [OK].
- 9 Click  (Save to device).

Deleting a User

- 1 Click [Start], and then select [All programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Select the machine from [Registered Device Table].
- 3 Select the [User Setting] tab.
- 4 Click [Role Manager].
- 5 Click [User name/Group management].
- 6 Enter the administrator password, and then click [OK].
The factory default password is "999999".
- 7 Select the check box of the user you want to delete.
- 8 Click  (Delete).

- 9 Click [Yes] on a confirmation screen.
- 10 Click  (Save to device).

Removing This Machine

You can remove a registered machine.

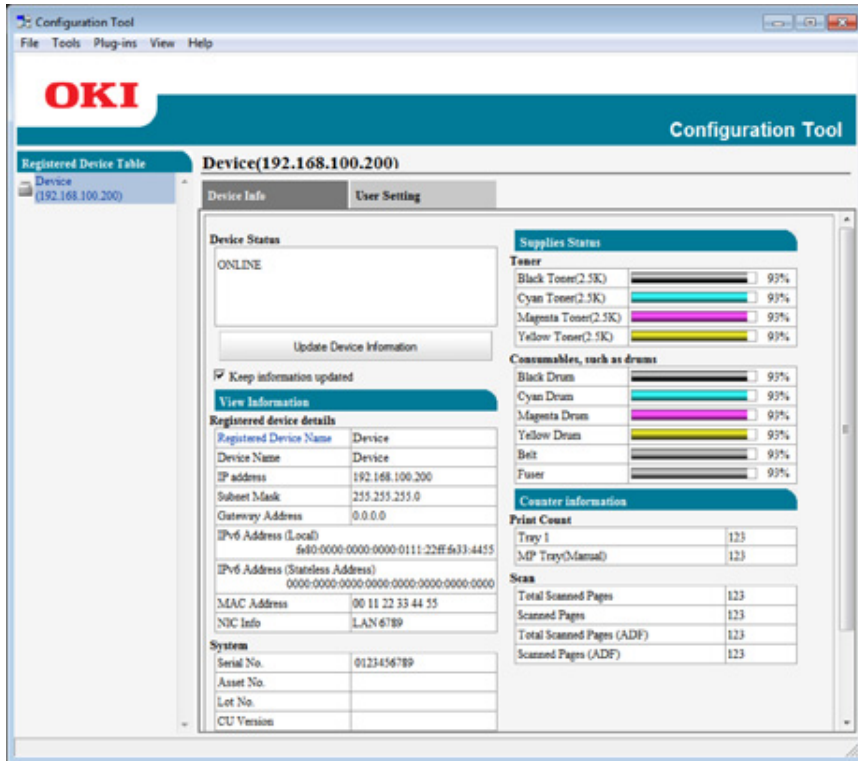
- 1 Click [Start], and then select [All Programs] > [Okidata] > [Configuration Tool] > [Configuration Tool].
- 2 Right-click the machine from [Registered Device Table].
- 3 Select [Remove device].
- 4 Click [Yes] on a confirmation screen.

Names and Functions of Screen Items for Configuration Tool

This section describes the name and function of each screen.

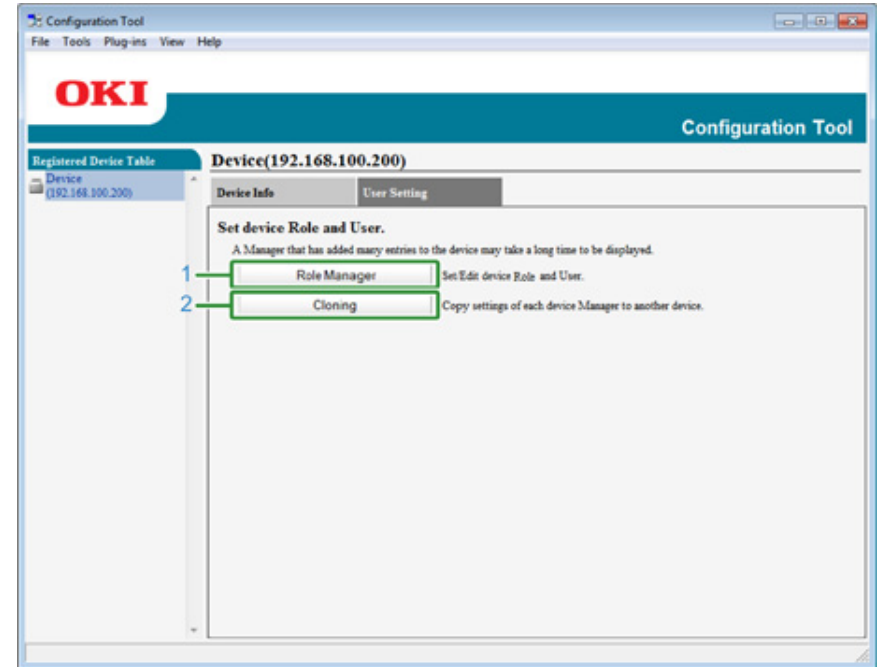
- **[Device Info] tab**

The status and information of the machine are displayed.



- **[User Setting] tab**

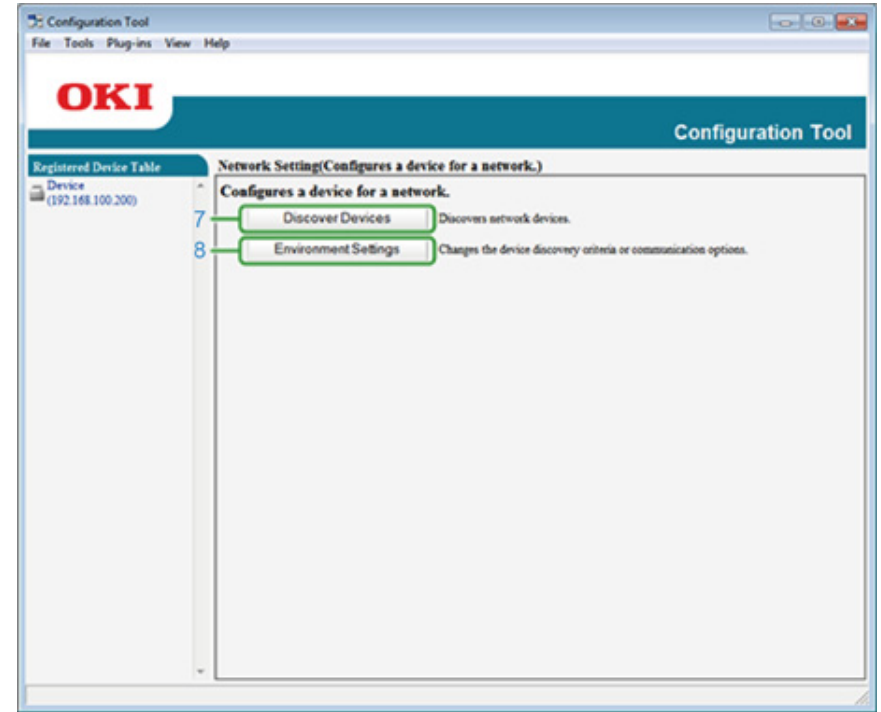
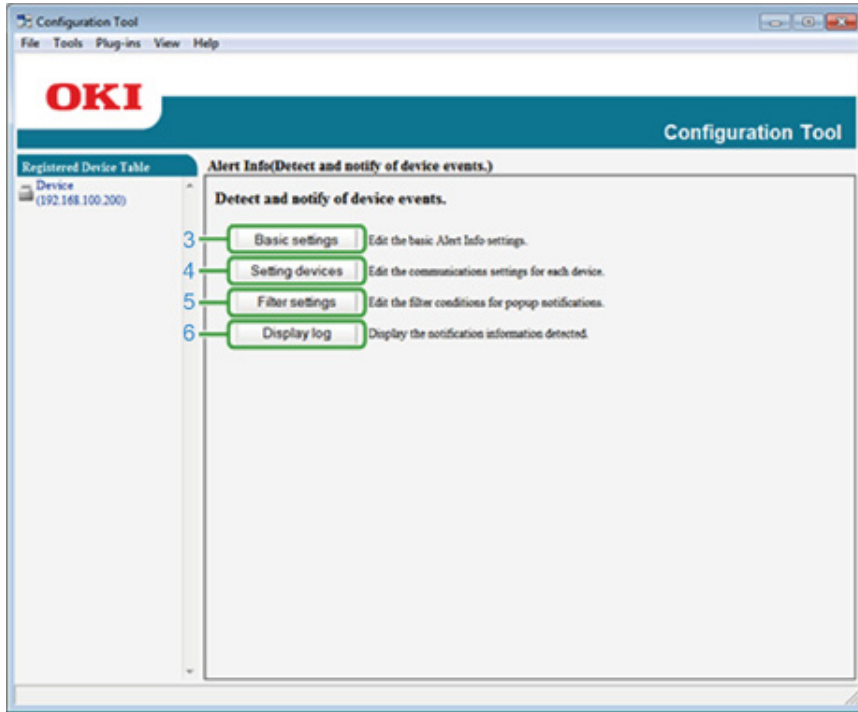
Set the user, role, and other settings.



	Item	Description
1	Role Manager	Set/Edit device users and roles.
2	Cloning	Copy Job macro settings to another device.

- **[Alert Info] plug-in**

Detect a device event and sends a notification.

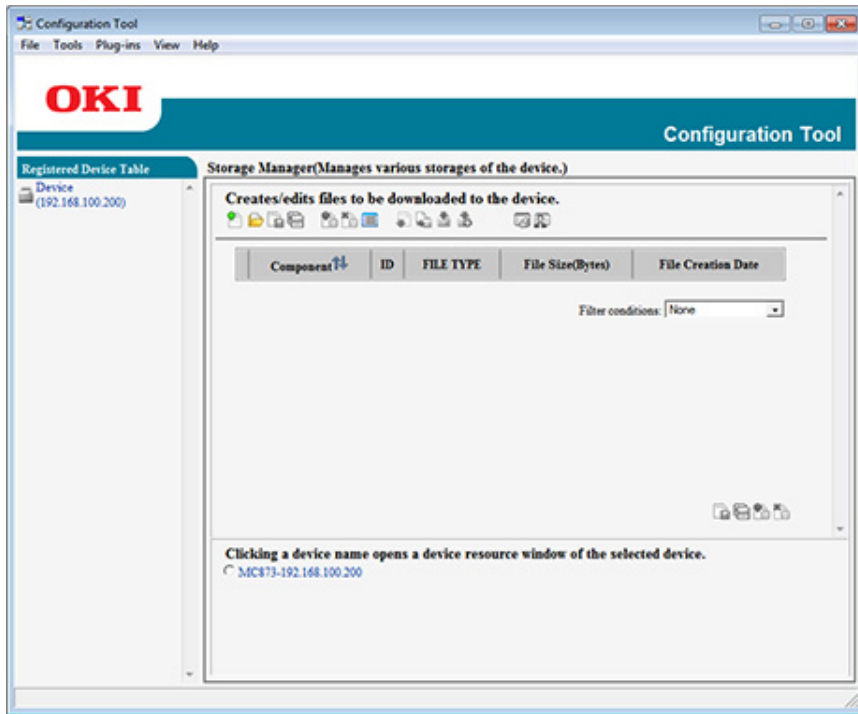


	Item	Description
3	Basic settings	Edit the basic Alert Info settings.
4	Setting devices	Edit the communications settings for each device.
5	Filter settings	Edit the filter conditions for popup notifications.
6	Display log	Display the notification information detected.

	Item	Description
7	Discover Devices	Discovers network devices.
8	Environment Settings	Changes the device discovery criteria or communication options.

- **[Network Setting] plug-in**
Set the device network.

- **[Storage Manager] plug-in**
Create or edit a file to download to a device.



- Registration and deletion of form data

OKI LPR Utility

You can perform a print job via a network, manage print jobs, and check the machine status by using OKI LPR Utility.

To use OKI LPR Utility, TCP/IP must be enabled.



OKI LPR Utility cannot be used for shared printers. Use the standard TCP/IP port.

How to install OKI LPR Utility



Installing Software

-
- Starting OKI LPR Utility
 - Registering a Device to OKI LPR Utility
 - Checking the Status of a Registered Device
 - Forwarding Print Jobs to a Registered Device
 - Printing the Same Document from the Registered Multiple Devices
 - Opening the Web Page of the Registered Device
 - Following the IP Address of the Registered Device Automatically
 - Setting the OKI LPR Utility Port Number
 - Sending a File to a Device That is Registered in OKI LPR Utility
 - Deleting an Unnecessary Print Job
 - Uninstalling OKI LPR Utility (Uninstall)
-

Starting OKI LPR Utility

- 1 Click [Start], and then select [All Programs] > [Okidata] > [OKI LPR Utility] > [OKI LPR Utility].

Registering a Device to OKI LPR Utility

Add a device to OKI LPR Utility.



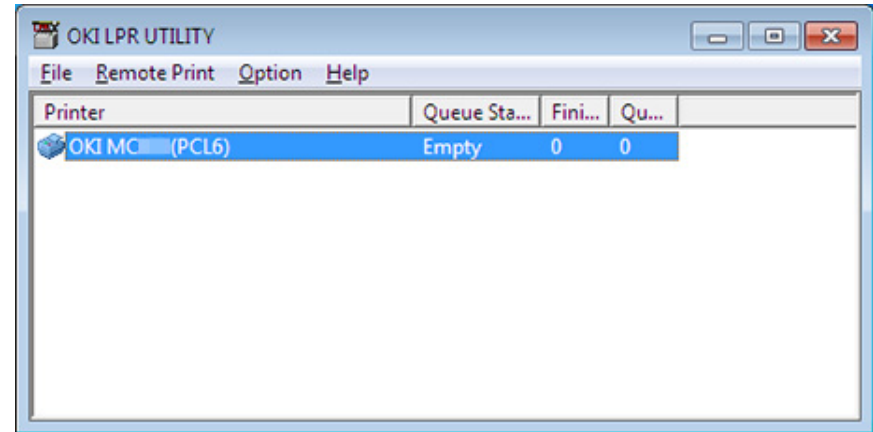
- You must have the administrator rights.
- If you cannot add a device, exit OKI LPR Utility, and then follow the procedure below.
 - Click [Start] > [All Programs] > [Okidata] > [OKI LPR Utility], right-click [OKI LPR Utility], and then select [Run as administrator] to start.



You cannot add the device that is already registered in OKI LPR Utility. To change the port, select [Confirm Connections] from [Remote Print].

- Start OKI LPR Utility.
- Select [Add Printer] from the [Remote Print] menu.
If the [User Account Control] dialog box is displayed, click [Yes].
- Select [Printer Name].
Network printers and printers connected to the LPR port are not displayed.
- Enter [IP Address]. Or click [Search], select a model name you want to register from [Discovered Printer], and then click [OK].
- Enter information for identify the device in [Comments] if necessary.

- Click [OK].



Checking the Status of a Registered Device

- 1 Start OKI LPR Utility.
- 2 Select a device.
- 3 Select [Printer Status] from the [Remote Print] menu.

Forwarding Print Jobs to a Registered Device

This section describes how to forward selected print jobs to a registered device using the OKI LPR Utility. This section also describes how to automatically forward a print job to a different registered device when a problem occurs on the forward destination device.



- Print jobs can only be forwarded to a device of the same model as your device.
- Before forwarding a job, you must add a device.

• Forwarding the Selected Print Jobs

- 1 Start OKI LPR Utility.
- 2 Select [Job Status] from the [Remote Print] menu.
- 3 To forward a print job, select a job, select [Redirect] from the [Job] menu, and then select the destination device.

• Forwarding Print Jobs Automatically

If you are unable to print because the selected device is busy, offline, out of paper, or due to other reasons, you can set so that a print job can be automatically forwarded to another OKI model device.



You must log in as the administrator.

- 1 Start OKI LPR Utility.
- 2 Select the device to set.
- 3 Select [Confirm Connections] from the [Remote Print] menu.
- 4 Click [Details].
- 5 Select the [Automatic Job Redirect Used] check box.
- 6 To forward jobs only if an error occurs, select the [Redirect only at the time of an error] check box.

- 7 Click [Add].
- 8 Enter the forwarding destination IP address, and then click [OK].
- 9 Click [OK].

Printing the Same Document from the Registered Multiple Devices

You can print from multiple devices with a single command.



You must have the administrator rights.

- 1 Start OKI LPR Utility.
- 2 Select a device to set.
- 3 Select [Confirm Connections] from the [Remote Print] menu.
- 4 Click [Details].
- 5 Select the [Print to more than one printer at a time] check box.
- 6 Click [Options].
- 7 Click [Add].
- 8 Enter the IP addresses of devices from which you want to print at the same time, and then click [OK].
- 9 Click [OK].

Opening the Web Page of the Registered Device

You can open the Web page of this machine from OKI LPR Utility.

- 1 Start OKI LPR Utility.
- 2 Select a device.
- 3 Select [Web Setting] from the [Remote Print] menu.



You cannot open the Web page when the Web port number has been changed.
For details, see "Setting the OKI LPR Utility Port Number".

Following the IP Address of the Registered Device Automatically

You can set so that you can maintain the connection with the original printer even after the IP address of the device changes.



You must have the administrator rights.



The IP address may change if DHCP dynamically assigns IP addresses or the network administrator manually changes the IP address of the printer.

- 1 Start OKI LPR Utility.
- 2 Select [Setup] from the [Option] menu.
- 3 Select the [Auto Reconnect] check box, and then click [OK].

Setting the OKI LPR Utility Port Number

- 1 Select a device.
- 2 Select [Confirm Connections] from the [Remote Print] menu.
- 3 Click [Details].
- 4 Enter the port number in [Port Numbers].
- 5 Click [OK].

Sending a File to a Device That is Registered in OKI LPR Utility

If there is a device that is connected via a network and registered in OKI LPR Utility, you can download the print data.

- 1 Click [Start] on a computer, and then select [All Programs] > [Okidata] > [OKI LPR Utility] > [OKI LPR Utility].
- 2 Select the device to which the data is downloaded.
- 3 Select [Download] from [Remote Print].
- 4 Select a file, and then click [OK].
The file is sent to the machine.

Deleting an Unnecessary Print Job

You can use OKI LPR Utility to delete unnecessary print jobs.

- 1 Click [Start] on a computer, and then select [All Programs] > [Okidata] > [OKI LPR Utility] > [OKI LPR Utility].
- 2 Select [Job Status] from the [Remote Print] menu.
- 3 Select a job to delete.
- 4 Select [Delete Job] from the [Job] menu.

Uninstalling OKI LPR Utility (Uninstall)



You must have the administrator rights.

- 1 Check that OKI LPR Utility is closed.
- 2 Click [Start], and then select [All Programs] > [Okidata] > [OKI LPR Utility] > [Uninstall OKI LPR Utility].
If the [User Account Control] dialog box is displayed, click [Yes].
- 3 Click [Yes] on a confirmation screen.

Network Extension

In Network Extension, you can check the settings on this machine and set the composition of the options.

In order to use Network Extension, TCP/IP needs to be activated.



This requires administrator rights.



- Network Extension is automatically installed when installing a printer driver through a TCP/IP network.
- Network Extension works in conjunction with the printer driver. Do not install only Network Extension.
- Network Extension only functions when the printer driver is connected to OKI LPR port or the standard TCP/IP port.

-
- Showing Printer Properties
 - Checking the Settings of the Machine
 - Set Options Automatically
 - Uninstall the Utility
-

Showing Printer Properties

To use Network Extension, open the printer properties screen.

- 1 Click [Start], and then select [Devices and Printers].
- 2 Right-click the printer icon, and then select [Printer properties].

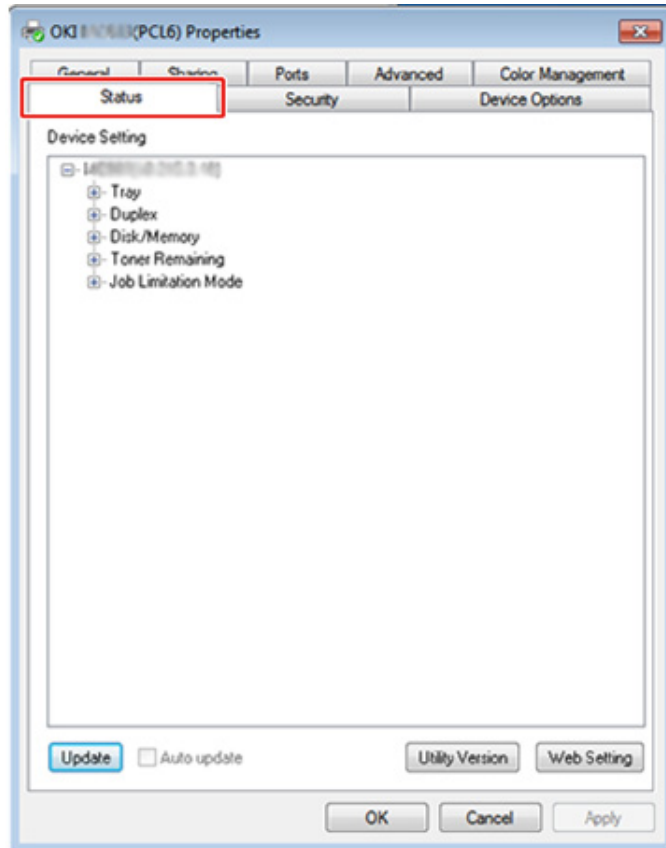
Checking the Settings of the Machine

You can check the settings of this machine.

- 1 Open the [Printer Properties] screen.

[About Screens and Functions of Each Printer Driver \(User's Manual\)](#)

- 2 Select the [Status] tab.



- 3 Click [Update].

- 4 Click [OK].


Click [Web Setting] to start the webpage automatically. You can change settings of this machine on this webpage screen.

[Web Page of This Machine](#)

Set Options Automatically

You can get the composition of options of the connected machine and automatically set the printer driver.

- 1 Open the [Printer Properties] screen.

 [About Screens and Functions of Each Printer Driver \(User's Manual\)](#)

- 2 Select the [Device Options] tab.

- 3 Click [Get Printer Settings].

- 4 Click [OK].



You cannot configure this when using Network Extension in unsupported environments.


Uninstall the Utility

- 1 Click [Start], and then select [Control Panel] > [Programs] > [Uninstall a program].
- 2 Select [OKI Network Extension], and then click [Uninstall].
- 3 Follow the instructions on the screen and complete the uninstallation.

Network Card Setup (Mac OS X)


You can use Network Card Setup to configure the network.

To use Network Card Setup, TCP/IP must be activated.

 Installing Software

-
- Setting the IP Address
 - Configuring Web Settings
 - Quitting Network Card Setup
-

Setting the IP Address


- 1 Start Network Card Setup.
 -  Installing Software
- 2 Select this machine from the list.
- 3 Select [IP Address Settings] from the [Operations] menu.
- 4 Change other settings if necessary, and then click [Save].
- 5 Enter the administrator password, and then click [OK].
 - The factory default password is "999999".
 - The password is case sensitive.
- 6 Click [OK] to enable new settings.

The network card of this machine restarts.


Configuring Web Settings

You can set the network settings for this machine by starting Network Card Setup.

• Enabling Web Settings

- 1 Start Network Card Setup.
 Installing Software
- 2 Select this machine from the list.
- 3 Select [Web Settings] from the [Operations] menu.
- 4 Check [Device web settings will be enabled], and then click [Save].
- 5 Enter the administrator password, and then click [OK].
 - The factory default password is "999999".
 - The password is case sensitive.
- 6 Click [OK] in a confirmation window.

• Opening the Web page

- 1 Starts Network Card Setup.
 Installing Software
- 2 Select this machine from the list.
- 3 Select [Show Device Webpage] from the [Operations] menu.
The Web page opens, and the machine status page is displayed.

Quitting Network Card Setup

- 1 Select [Quit] from the [Network Card Setup] menu.

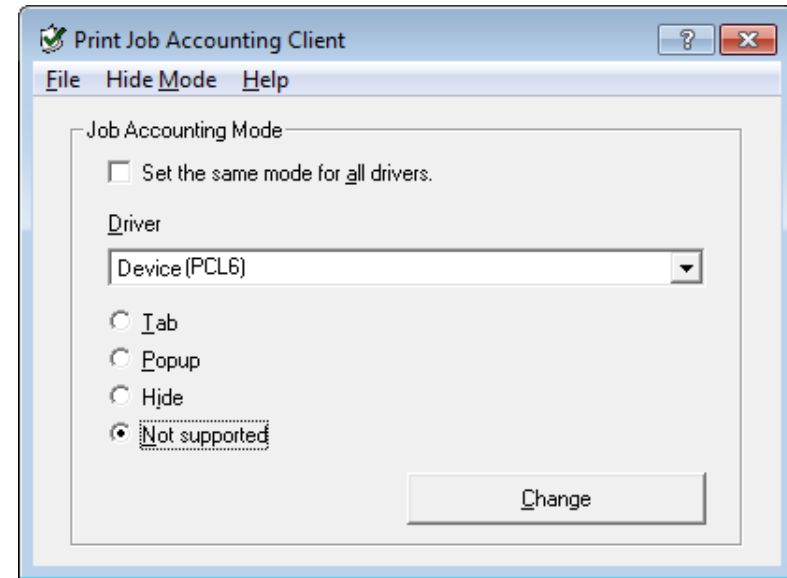
Print Job Accounting Client

Print Job Accounting Client is software that sets user information in the printer driver for using the job account function or authorizing access to the machine.

- For Windows
- For Mac OS X

For Windows

You can set a user name and user ID to the printer driver.



If you update or reinstall a printer driver, Job Accounting mode becomes invalid, requiring you to set the mode again. However, if you are using the function that enables you to set the same mode to all the printer drivers, you do not need to set the mode again.

- **Setting the User Name and Job Account ID**

You can set the user name and Job Account ID in the printer driver properties.

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Print Job Accounting Client] > [Change Job Accounting Mode].
- 2 Select the driver to set from the list of drivers.
If you want to set all the printer drivers to the same mode, select the [Set the same mode for All drivers.] check box.
- 3 Select [Tab], and then click [Change].
A window is displayed.

- 4 Click [OK].
- 5 Select [Close] from the [File] menu.
- 6 Click [Start], and then select [Devices and Printers].
- 7 Right-click the OKI printer icon, and then select [Printer Properties].
- 8 Select the [Job Accounting] tab, enter the user name and job accounting ID, and then click [OK].

• Setting Popup Mode

When using this function, you must enter the user name and job account ID each time you start a print job.

- 1 Click [Start], and then select [All Programs] > [Okidata] > [Print Job Accounting Client] > [Change Job Accounting Mode].
- 2 Select the driver to set from the list of drivers.
If you want to set all the printer drivers to the same mode, click the [Set the same mode for All drivers] check box.
- 3 Select [Popup], and then click [Change].
A window is displayed.
- 4 Click [OK].
- 5 Select [Close] from the [File] menu.


• Setting a Job Account ID for Each User in Hide Mode

The system manager can create and register an ID file in which job account IDs and user names that are tied to user names for logging in to Windows are described in advance. Users do not need to enter their user names and job account IDs when printing, as they can be identified with this software. Use Hide Mode for shared printers.

- 1 Create an ID file using Notepad or spreadsheet software.



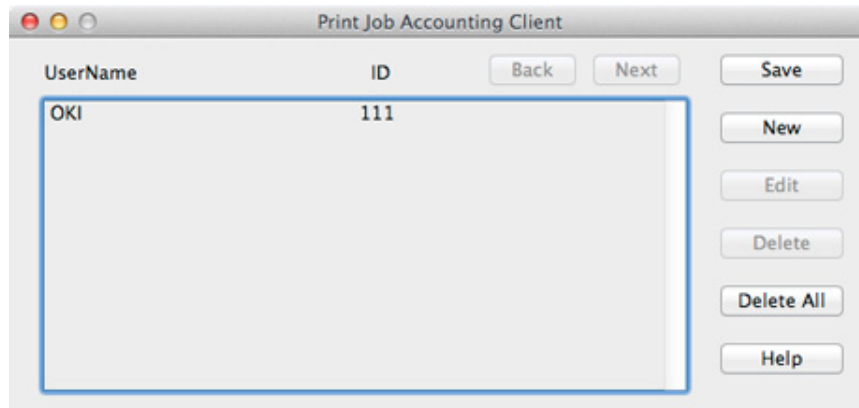
- Describe user names and user IDs in an ID file in the following order.
A login user name (a user name that is entered to log in to Windows), a user ID (a user ID that is tied to the login user name).
- The user name can be omitted. If the user name is omitted, the login user name is used as the user name.
- Separate each item with a comma.
- If using spreadsheet software, describe a login user name, job account ID, and user name on each line for each user.

- 2 Save the file in "CSV" extension format.
 - 3 Click [Start], and then select [All Programs] > [Okidata] > [Print Job Accounting Client] > [Change Job Accounting Mode].
 - 4 Select the driver to set from the list of drivers.
If you want to set all the printer drivers to the same mode, click the [Set the same mode for All drivers] check box.
- 
- If you are using a shared printer, do not use the function that enable you to set all the print drivers to the same mode. If printing on the client side of a shared printer, account information is not output.
- 5 Select [Hide], and then click [Change].
 - 6 Click [OK].
 - 7 Select [Import ID File] from the [Hide Mode] menu.
 - 8 Specify the ID file you created in step 1, and then click [Open].
 - 9 Clear the [Set fixed Job Account ID for all users] check box from the [Hide Mode] menu.
 - 10 Select [Close] from the [File] menu.

For Mac OS X

This is client software for Print Job Accounting.

You can set the user name and user ID in the printer driver.



• Registering a User ID

- 1 Start the Print Job Accounting client.
- 2 Click [New].
- 3 Enter the Mac OS X login name, new user name, new user ID, and then click [Save].
- 4 Click [Save].
- 5 Enter the password, and then click [OK].
- 6 Exit the Print Job Accounting client.

• Registering Multiple Users at the Same Time

You can register multiple user IDs and user names at the same time by using a CSV file.



The following procedure uses TextEdit as an example.

- 1 Start TextEdit.
- 2 Enter in the order of login name, user ID, and user name, separated with commas.
- 3 Save the file in a CSV format.
- 4 Start the Print Job Accounting client.
- 5 Select [Import] from the [File] menu.
- 6 Select the CSV file you created in step 3, and then click [Open].
- 7 Click [Save].
- 8 Enter the password, and then click [OK].
- 9 Exit the Print Job Accounting client.

• Changing a User ID and User Name

You can change the user name and user ID.

- 1 Start the Print Job Accounting client.
- 2 Select the user to change, and then click [Edit].
- 3 Enter the new user ID and user name, and then click [Save].
- 4 Click [Save].
- 5 Enter the password, and then click [OK].
- 6 Exit the Print Job Accounting Client.

• Deleting a User ID and User Name

You can delete the username and user ID.

- 1 Start the Print Job Accounting client.
- 2 Select the user to delete, and then click [Delete].

- 3 Click [Save].
- 4 Enter the password, and then click [OK].
- 5 Exit the Print Job Accounting client.

