

# Using Smart Organizing Monitor under the Macintosh Environment

The following explains the items that are displayed on the Smart Organizing Monitor when using it under the Macintosh environment.

## Device Settings

### Important

Depending on your printer model, functions you can use may vary.

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## Smart Organizing Monitor

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Shows device status information.

### ❖ Printer

To monitor a network printer, select **[Search Network Printer]**.

- **[Search Network Printer]**

In the dialog box, select the network printer you want to monitor, and then click **[OK]**.

### ❖ Status

Current status of the printer is displayed.

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## Status tab

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Displays details about selected items in the tree.

### ❖ Displayed content of tree-selected items

Tree-selected items	Displayed content
Print Cartridge	Remaining toner levels.
Input Tray	Status of paper trays and the size and type of paper set in each.
Maintenance	Status of fuser unit, transfer roller unit, and paper feed roller unit.
System	System information: Model Name, System Version, Memory Size, PCL 5e, PCL XL, and PS3.
Counter	Status of total counter.
Network	Printer details: device name, comment, IP Address, Subnet Mask, MAC Address, IPv6 address from DHCP, Stateless Auto Address, and Link Local Address.

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## Job Log tab

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Shows the print job information.

❖ **User Name**

Name of the user who printed the job (normally, the user who logged on to Windows).

❖ **File Name**

Name of the printed document.

❖ **Page(s)**

Number of pages printed.

❖ **Start Date**

Date of printing.

❖ **Status**

Current status of the printed job.

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## User Tools tab

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Displays the test print setting and allows you to select whether to open the **[Printer Configuration]** settings.

❖ **List/Test Print**

Select the item for test print.

 **Note**

For details about test printing, see the printer operating instructions.

• **[Print]**

Click this button for test print.

❖ **[Printer Configuration]**

Open the **[Printer Configuration]** settings.

If **[Use]** is selected for **[Access Code]** in the **[System]** tab, the tabs you can see/set may vary depending on the access code settings.

 **Note**

**[Printer Configuration]** can be used when there is not print job waiting to be processed on this printer.

❖ **IP Address**

If you cannot obtain the IP address after the test printing, click this button to set the IP address manually.

 **Note**

For details about test printing, see the printer operating instructions.

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# Printer Configuration

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## [Paper Input] Tab

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Make paper settings such as size and type for each paper tray.

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### Tray 1

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#### ❖ Paper Size

In the **[Paper Size]** list, select the size of paper loaded in the input tray. When **[Custom Paper Size]** is selected, specify one of the sizes below.

#### ❖ Paper Type

In the **[Paper Type]** list, select the paper type.

#### ❖ Custom Paper Size

Enter the custom paper size when **[Custom Paper Size]** is selected.

- Unit

Select which units (mm or inch) to use for entering lengths in the **[Horizontal]** and **[Vertical]** boxes , when **[Custom Paper Size]** is selected.

- Horizontal/Vertical

Enter the custom paper size when **[Custom Paper Size]** is selected. In the units selected earlier (mm or inch), enter the length of the paper's short and long edges in the **[Horizontal]** and **[Vertical]** boxes respectively.

#### Note

- Available paper sizes vary depending on the paper tray. For details about setting the paper size, see the printer operating instructions.
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### Tray 2

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#### ❖ Paper Size

In the **[Paper Size]** list, select the size of paper loaded in the input tray.

#### ❖ Paper Type

In the **[Paper Type]** list, select the paper type.

#### Note

- Available paper sizes vary depending on the paper tray. For details about setting the paper size, see the printer operating instructions.

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## Bypass Tray

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### ❖ Paper Size

In the **[Paper Size]** list, select the size of paper loaded in the input tray.  
When **[Custom Paper Size]** is selected, specify one of the sizes below.

### ❖ Paper Type

In the **[Paper Type]** list, select the paper type.

### ❖ Custom Paper Size

Enter the custom paper size when **[Custom Paper Size]** is selected.

- Unit  
Select which units (mm or inch) to use for entering lengths in the **[Horizontal]** and **[Vertical]** boxes, when **[Custom Paper Size]** is selected.
- Horizontal/Vertical  
Enter the custom paper size when **[Custom Paper Size]** is selected. In the units selected earlier (mm or inch), enter the length of the paper's short and long edges in the **[Horizontal]** and **[Vertical]** boxes respectively.

### Note

- Available paper sizes vary depending on the paper tray. For details about setting the paper size, see the printer operating instructions.

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## Tray Priority

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Select the tray used for the priority paper source.

**[Tray Priority]** is the tray selected immediately after the printer is turned on, and when Auto Select is chosen as the paper source for a job.

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## [Maintenance] Tab

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Make settings for adjusting printing position.

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### Registration: Tray 1

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Adjust the position of Tray1 if it is installed.

#### ❖ [Print Test Sheet]

Click this button to check the printing position using a test print.

- Horizontal  
After printing the test sheet, you can adjust the horizontal print position in the range of from -15 to +15 in increments of 0.1 mm.
  - Vertical  
After printing the test sheet, you can adjust the vertical print position in the range of from -15 to +15 in increments of 0.1 mm.
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### Registration: Tray 2

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Adjust the position of Tray2 if it is installed.

#### ❖ [Print Test Sheet]

Click this button to check the printing position using a test print.

- Horizontal  
After printing the test sheet, you can adjust the horizontal print position in the range of from -15 to +15 in increments of 0.1 mm.
  - Vertical  
After printing the test sheet, you can adjust the vertical print position in the range of from -15 to +15 in increments of 0.1 mm.
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### Registration: Bypass Tray

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Adjust the position of the print image on sheets fed from the bypass tray.

#### ❖ [Print Test Sheet]

Click this button to check the printing position using a test print.

- Horizontal  
After printing the test sheet, you can adjust the horizontal print position in the range of from -15 to +15 in increments of 0.1 mm.
- Vertical  
After printing the test sheet, you can adjust the vertical print position in the range of from -15 to +15 in increments of 0.1 mm.

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## **Registration: Duplex Tray**

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When the duplex tray is installed and duplex print is enabled, you can adjust the position of the back side print if necessary.

### **❖ [Print Test Sheet]**

Click this button to check the printing position using a test print.

- **Horizontal**  
After printing the test sheet, you can adjust the horizontal print position in the range of from -15 to +15 in increments of 0.1 mm.
- **Vertical**  
After printing the test sheet, you can adjust the vertical print position in the range of from -15 to +15 in increments of 0.1 mm.

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## [System] Tab

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Make system, access code, and language settings.

To configure a function, select the check box to the left of the function's name.

### ❖ Auto Continue

Select how the printer responds if it does not have a paper tray that contains the paper size and type specified by a job.

- Off  
The printer stops operation until the correct paper is loaded.
- On  
After 10 seconds, the printer begins printing regardless of the size and type of paper loaded in the tray.

### ❖ Copies

Specify a number of print copies (1 to 999).

### ❖ Sub Paper Size

Select whether or not to enable A4/Letter switching.

#### Note

- This function is effective for A4- and Letter-size only.

### ❖ 2 Sided Print

Prints on both sides of sheets.

- Off  
Disables Duplex printing.
- Long Edge Bind  
Prints output so that you can open it to the left when bound along the left edge like a book.
- Short Edge Bind  
Prints output so that you can open it to the top when bound along the top like a calendar.

#### Note

- If you are using a printer that does not support automatic duplex printing, perform normal single-sided printing, and then reset the sheet to print on the other side.

### ❖ Blank Pages

Select whether or not to print on blank pages.

### ❖ Image Density Adjustment

Specify the print density (-3 to +3) in the box.

❖ **Low Humidity Mode**

If the printer is used in a room where humidity level is low, black lines of a few millimeters thick may appear on printouts with 75 mm spaces in between. Selecting **[On]** for this setting may prevent these lines from appearing (wait for about one day until this setting becomes effective). Note that when this setting is enabled, the printer automatically performs self-maintenance in every 10 minutes.

❖ **Energy Saver Mode 1**

When this function is enabled, less electricity is used.

❖ **Energy Saver Mode 2**

When this function is enabled, less electricity is used than under Energy Saver 1.

 **Note**

- Even if **[Energy Saver Mode 2]** is enabled, the printer will not enter Energy Saver Mode 2 for two hours if **[Low Humidity Mode]** is enabled.

❖ **Energy Saver Mode 2 Timer**

When **[Energy Saver Mode 2]** is enabled, you can specify a timeout period.

❖ **Print Error Page**

Prints an error report if an error occurs during print data processing.

❖ **Device Comment**

Enter a note about the printer, using up to 32 alphanumeric characters.

❖ **[Restore Factory Defaults]**

Resets all settings to their default values.

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## **Access Code**

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Select whether or not to use the access code.

If you select **[Use]**, the tabs you can see/set may vary depending on the access code settings. If you select **[Do not Use]**, the access code setting screen does not appear before the **[Printer Configuration]** setting. **[Do not Use]** is set as the factory default. Change it to **[Use]** if you want access code control.

- **[Change Access Code...]**

If you selected **[Use]** for **[Access Code]**, click this button to change the access code.

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## **[Language]**

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Select the language you want to use.

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## [Network 1] Tab

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Use this page to enter administrative information related to the network.  
To display or configure a setting, select it in the list.  
The following menus are available in the list.

- Information
- Interface
- TCP/IP

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### Information

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Displays the printer name, the printer comment, and MAC address of the printer.

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### Interface

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#### ❖ I/O Timeout (USB)

Select the USB timeout from the drop down list.

The printer waits before ending a print job if more data is not received through USB. When the specified period elapses, data reception through other interfaces is possible.

#### ❖ I/O Timeout (Network)

Select the network timeout from the drop down list. If EOF (\*) is not received by the network printer, the printer remains waiting. When the specified period elapses, data reception through other interfaces is possible.

(\*)End Of File: a code placed by a computer after a file's last byte of data.

#### ❖ Ethernet Speed

Select the Ethernet communication speed. For normal use, select **[Auto Select]**. This allows the device to select the optimum speed.

If communication with the device fails, select **[10Mbps Half D.]**, **[10Mbps Full D.]**, **[100Mbps Half D.]**, or **[100Mbps Full D.]**.

#### ❖ Fixed USB Port

- Off  
Allocates automatically a USB serial number that is different from the USB serial numbers of other printers.
- On  
Allocates automatically a USB serial number that is the same as the USB serial number of other printers.

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## TCP/IP

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### ❖ IP Address

This device's network IP address. Enter it in the following format: "xxx.xxx.xxx.xxx" (replace "x" with the appropriate numbers, for example: "123.123.123.123").

### ❖ Subnet Mask

Specify the part of the IP address used as the subnet mask. Enter it in the following format: "xxx.xxx.xxx.xxx" (replace "x" with the appropriate numbers, for example: "255.255.255.0").

### ❖ Default Gateway Address

Enter the default gateway address. The default gateway address is the IP address of the host or router used as the gateway when communicating (printing or exchanging information) with a computer on another network.

### ❖ DHCP

Select **[On]** to automatically configure the network settings using the DHCP server. Select **[Off]** to configure the network settings manually. If DHCP is active, all TCP/IP settings are obtained automatically from the DHCP server.

### ❖ DNS Method

The default setting is **[Auto]**. When **[Auto]** is selected, the primary DNS server IP address and the DNS domain name obtained from the DHCP server are displayed. If you select **[Manual]**, you can manually specify the primary DNS server IP address and the DNS domain name.

### ❖ Primary DNS Server IP

Enter the DNS Server IP address in the following format "xxx.xxx.xxx.xxx" (replace "x" with the appropriate numbers, for example: "123.123.123.123") When the DNS method is set to "Auto", you cannot manually specify the primary DNS server IP address.

### ❖ DNS Domain Name

Enter the domain name, using up to 32 alphanumeric characters. When the DNS method is set to "Auto", you cannot manually specify the primary DNS domain name.

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## [Network 2] Tab

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Use this page to enter administrative information related to the network.  
To display or configure a setting, select it in the list.  
The following menus are available in the list.

- SMTP
- SNMP
- IPsec Activated

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### SMTP

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#### ❖ SMTP Authentication

Select whether to log on to the SMTP server using SMTP AUTH for sending e-mail.

#### ❖ Port Number

Enter the port number used for sending e-mail to the SMTP server. Enter a value between 1 and 65535.

#### ❖ SMTP Server Name

Enter the IP address or host name of the SMTP server, using up to 64 alphanumeric characters (including dashes "-", underscores "\_", colons ":", and periods ".").

#### Note

- When the SMTP server host name is specified, a DNS server must be set up so the IP address can be obtained from the host name (forward lookup).

#### ❖ User Name

Enter the SMTP account name to be used when **[SMTP Authentication]** is set to **[On]**. Use up to 32 alphanumeric characters.

#### ❖ Password

Enter the SMTP account password to be used when **[SMTP Authentication]** is enabled. Use up to 32 alphanumeric characters.

#### ❖ E-mail Address

Enter the e-mail address used for e-mail notification. Use up to 64 alphanumeric characters.

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## SNMP

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### ❖ Get Community

Enter the name of the community to which the network interface board belongs, using up to 15 alphanumeric characters. Only requests from hosts whose community name matches the name you set here will be accepted. To search for this printer in Smart Organizing Monitor, specify "public".

### ❖ Manager IP Address

Enter the host computer's IP address.  
To have requests accepted from any host, set the address to "0.0.0.0".

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## IPsec Activated

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Specify whether to enable or disable IPsec.

### Note

- This function is available only if you select **[Use]** for **[Access Code:]** on the **[System]** tab and enter the access code before accessing the **[Printer Configuration]** screen.
- For details about the IPsec settings, see the operating instructions that come with the printer and the Help files of Web Image Monitor.
- If you select **[Enable]**, you must configure the IPsec settings on Web Image Monitor before IPsec can be activated.

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## [Network 3] Tab

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Use this page to enter administrative information related to the network.  
To display or configure a setting, select it in the list.  
The following menus are available in the list.

- Alert 1
  - Alert 2
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### Alert 1/Alert 2

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#### ❖ Display Name

Enter the name to display for the alert message, using up to 32 alphanumeric characters.

#### ❖ E-mail Address

Enter the e-mail address to which the alert messages will be sent, using up to 64 alphanumeric characters.

#### ❖ Paper Jam

Select this check box to send an alert message to the specified e-mail address when a paper jam occurs.

#### ❖ Print Cartridge Near Empty

Select this check box to send an alert message to the specified e-mail address when a print cartridge is nearly empty.

#### ❖ Print Cartridge Empty

Select this check box to send an alert message to the specified e-mail address when a print cartridge is completely empty and needs immediate replacement.

#### ❖ No Paper

Select this check box to send an alert message to the specified e-mail address when the paper has run out.

#### ❖ Service Required

Select this check box to send an alert message to the specified e-mail address when the printer requires servicing.

#### ❖ Cover Open

Select the check box to send an alert message to the specified e-mail address when the printer cover is open.

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## [Printer] Tab

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You can change the following settings which can be set on the printer.

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### PCL

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#### ❖ Orientation

Specify the default page orientation.

- Portrait  
Prints the document so that the paper's shorter sides are horizontal.
- Landscape  
Prints the document so that the paper's longer sides are horizontal.

#### ❖ Form Lines

Specify the number of lines (5 to 128) per page.  
60 is default for Letter-size paper, 64 is default for A4.

#### ❖ Font Number

Specify the default font in the box.

#### ❖ Point Size

Specify the default font size (4 to 999.75) in the box.

#### ❖ Font Pitch

Specify the pitch of the default font, if the font is a fixed pitch font selected from the list.

#### ❖ Symbol Set

Specify the default symbol set from the list.

#### ❖ Courier Font

Select **[Regular]** or **[Dark]** from the list.

#### ❖ Ext. A4 Width

Widens the printable area of A4 sheets by reducing side margin width.

#### ❖ Append CR to LF

Specify whether or not to append a CR code to each LF code to print text more clearly.

#### Note

Only PCL related settings can be modified in this area.

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## [IPv6] Tab

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Use this page to configure the IPv6 settings.

### ❖ IPv6 DHCP

Select **[Enable]** to allow the IPv6 DHCP server to configure the machine's network settings automatically. Select **[Disable]** to configure the machine's network settings manually.

### ❖ Address From DHCP

If you select **[Enable]** for **[IPv6 DHCP]**, the IPv6 address obtained from the IPv6 DHCP server is displayed.

### ❖ Stateless Auto Address

Displays auto-generated IPv6 addresses and the default gateway address.

### ❖ Link local Address

Displays the machine's link-local address.

The link-local address applies only within the local network (local segment). It begins with "fe80::" and is followed by an identifier derived from the machine's MAC address.

### ❖ IPv6 default router (Gateway)

Displays the default gateway address.

### ❖ Manual address

Enter the IPv6 address assigned to the machine.

### ❖ Prefix length

Enter the prefix length of the IPv6 address, using a value between 1 and 128.

### ❖ Gateway

Enter the default gateway address.

The default gateway address is the IP address of the host or router used as the gateway when communicating (printing or exchanging information) with a computer on another network.

### ❖ IPv6

Select whether IPv6 is enabled or disabled.

### ❖ DNS method

Select whether to use a DNS server obtained from the DHCP server or specify a DNS server manually for the machine.

### ❖ IPv6 Primary DNS Server

If you select **[Auto]** for **[DNS method]**, the IPv6 address of the primary DNS server obtained from the DHCP server will be displayed and applied.

If you select **[Manual]**, you must then manually specify the DNS server IPv6 address for the machine.

❖ **IPv6 Secondary DNS Server**

If you select **[Auto]** for **[DNS method]**, the IPv6 address of the secondary DNS server obtained from the DHCP server will be displayed and applied. If you select **[Manual]**, you must then manually specify the DNS server IPv6 address for the machine.

❖ **IPv6 Domain Name**

If you select **[Auto]** for **[DNS method]**, the domain name obtained from the DHCP server will be displayed and applied. If you select **[Manual]**, you must then enter the domain name, using up to 32 alphanumeric characters (including dashes "-", underscores "\_", and periods ".").

# Appendix

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