magicolor® 5550/5570 Reference Guide

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1 Operation on Mac OS X

System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements.

Computer	Apple Macintosh computer installed with the following processor: – PowerPC G3 or later processor (PowerPC G4 or later is recommended) – Intel Core Duo or later processor
Connecting the computer and printer	USB connection, network connection (10Base-T/100Base-TX/1000Base-T)
Operating system	Mac OS X 10.2 or later (We recommend installing the newest patch.) Mac OS X Server 10.2 or later
RAM	More than OS recommendation (128 MB or more is recommended)
Available disk space	256 MB or more (for storing images)

Installing the Printer Driver

This manual provides descriptions using dialog boxes for magicolor 5570.
Since the dialog boxes appear the same for magicolor 5550, the dialog boxes for magicolor 5570 are used in the following descriptions.

You must have administrator privileges in order to install the printer driver.

Before proceeding with the installation, be sure to exit all running applications.

Installing the magicolor 5570(5550) Printer Driver

The procedure for installing the printer driver on Mac OS X 10.4 is described below. The following procedure or some steps may be different depending on the version of the operating system being used. Complete the installation according to the instructions in the dialog boxes that appear.

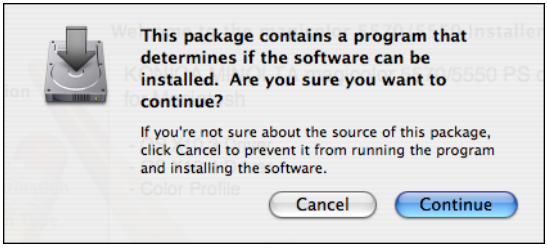
1 Insert the magicolor 5570(5550) Printer Driver CD-ROM in the CD/DVD-ROM drive of your Macintosh.

2 Double-click the CD icon on the desktop, and then double click the **mc5570(5550) OSX Installer_103104.pkg** package file.

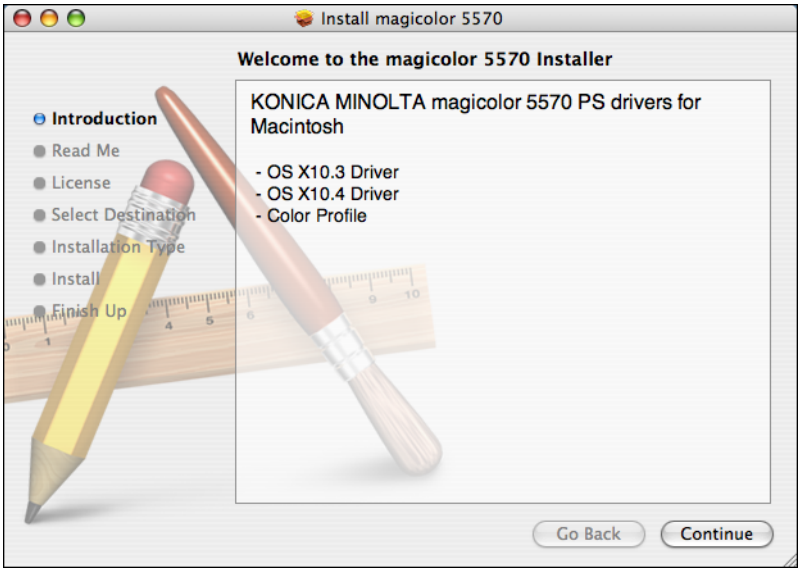
The installer for the printer driver starts up.

*When using Mac OS X 10.2, double-click the **mc5570(5550) OSX Installer_102.pkg** package file icon.*

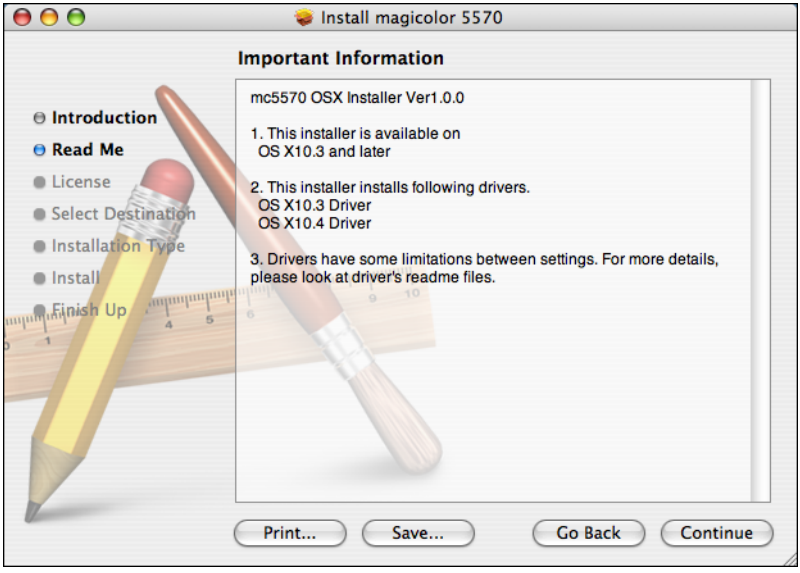
3 Click **Continue**.



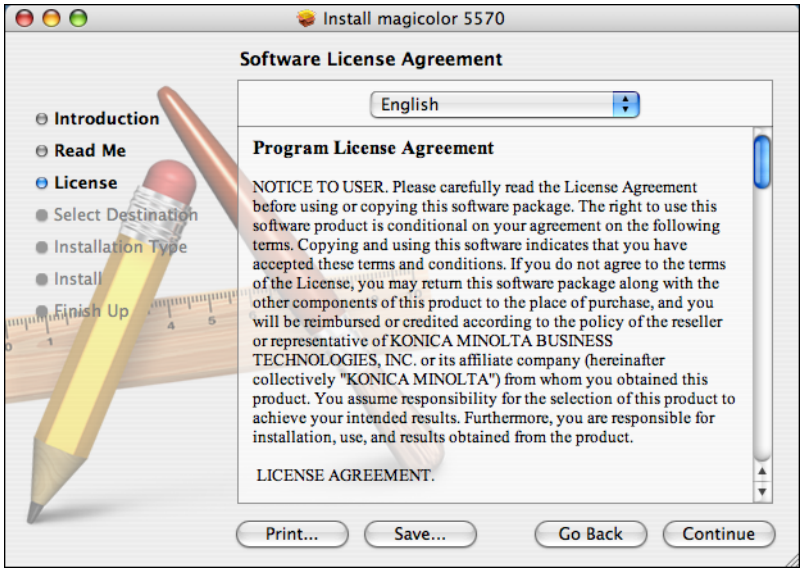
4 Click **Continue**.



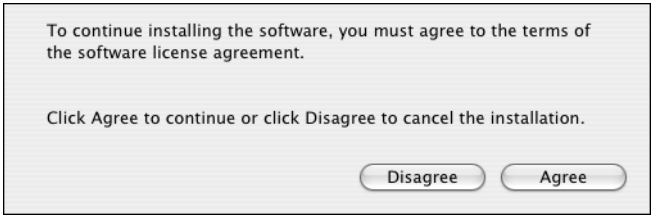
5 Click **Continue**.



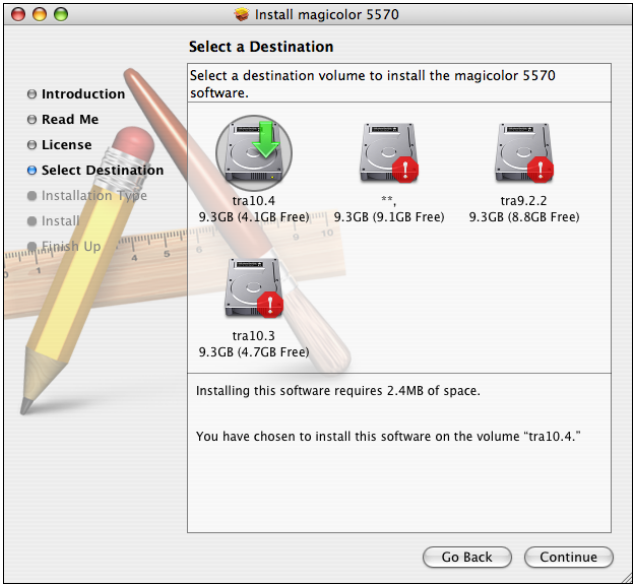
6 Check the details of the license agreement, and then click **Continue**.



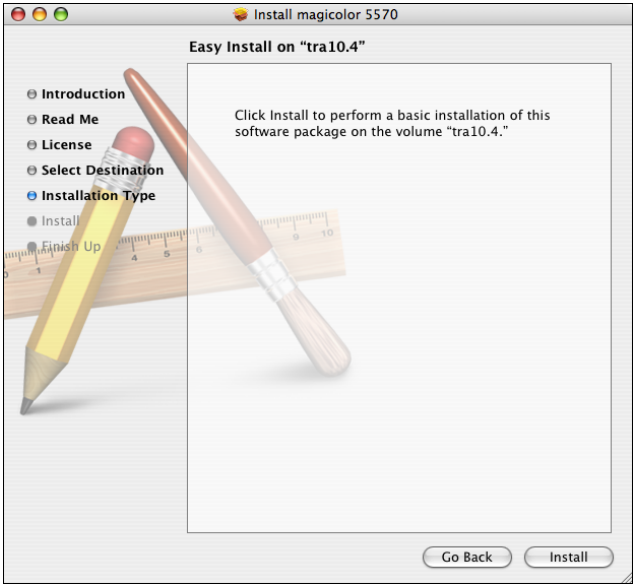
7 Click **Agree** in the confirmation dialog box if you agree to the terms of the license.



8 In the **Select a Destination** page, select the disk in which you wish to install the software, and then click **Continue**.



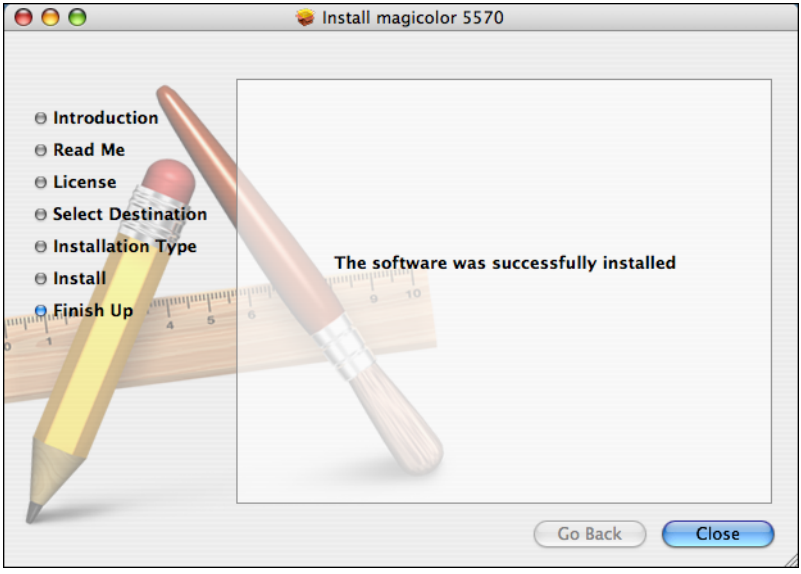
9 Click **Install** in the **Easy Install** page.



Installation starts.

10 Enter the administrator user name and password in the **Authenticate** dialog box, and then click **OK**.

11 After the installation has been completed, click **Close**.



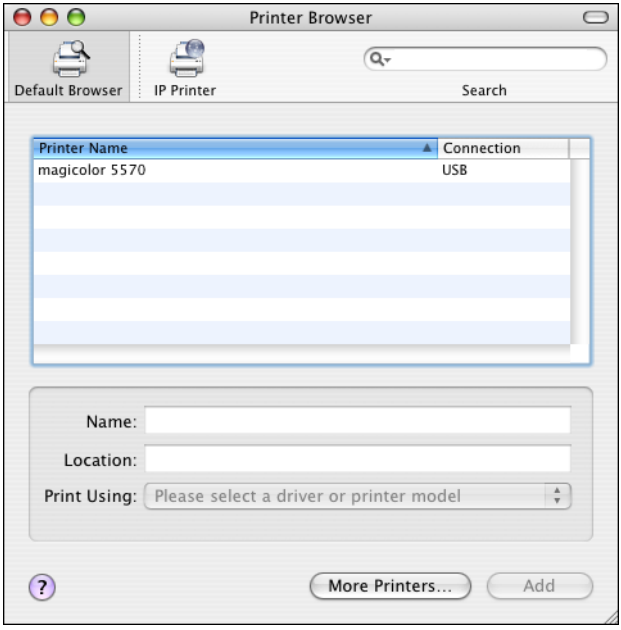
This completes the installation of the magicolor 5570(5550) printer driver.

Printer Setup Utility Settings

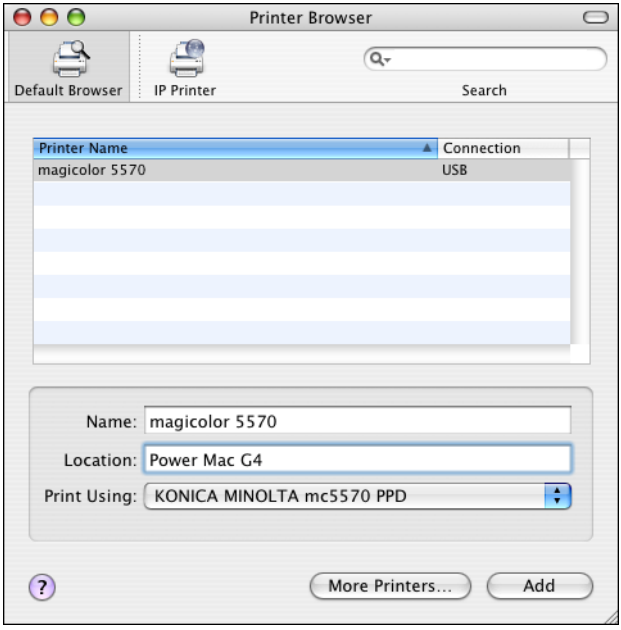
When Using a USB Connection

1. Use a USB cable to connect the printer to your computer.
2. Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.
3. In the **Printer List**, click **Add**.

*The detected printer appears in the **Printer Browser**.*



4 Select **magicolor 5570(5550)** in the **Printer Name** list.

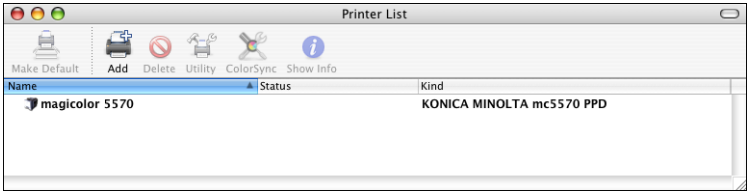


*If **magicolor 5570(5550)** does not appear, check that the printer is turned on and the USB cable is connected, and then restart the computer.*

5 Check that **KONICA MINOLTA mc5570(5550) PPD** is selected in the **Printer Using** list.

6 Click **Add**.

*The new printer appears in the **Printer List** screen.*



If any options are installed, select them. For details, refer to "Selecting Print Options" on page 19.

When Using a Network Connection

The network connection settings can be specified in one of three ways: Bonjour Setting, AppleTalk setting, IP printing setting (IPP, LPD or Socket).

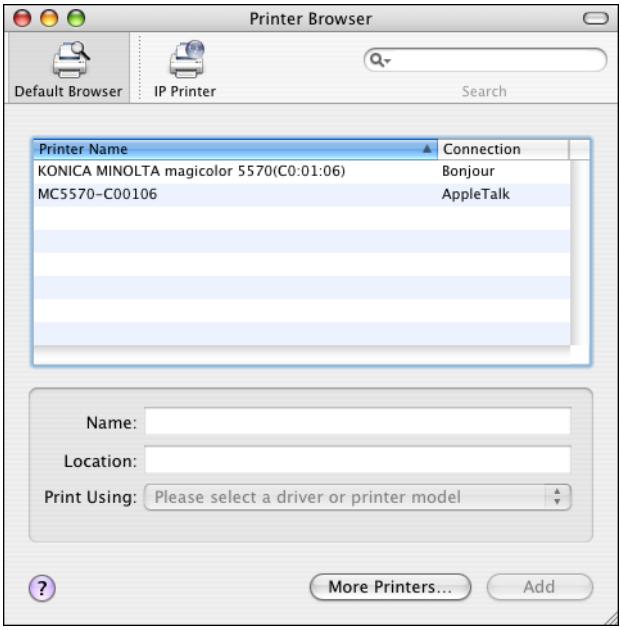
Bonjour Setting

1 Connect the printer to an Ethernet network.

2 Open **Printer Setup Utility**, which can be accessed by clicking **Startup Disk**, then **Applications**, then **Utilities**.

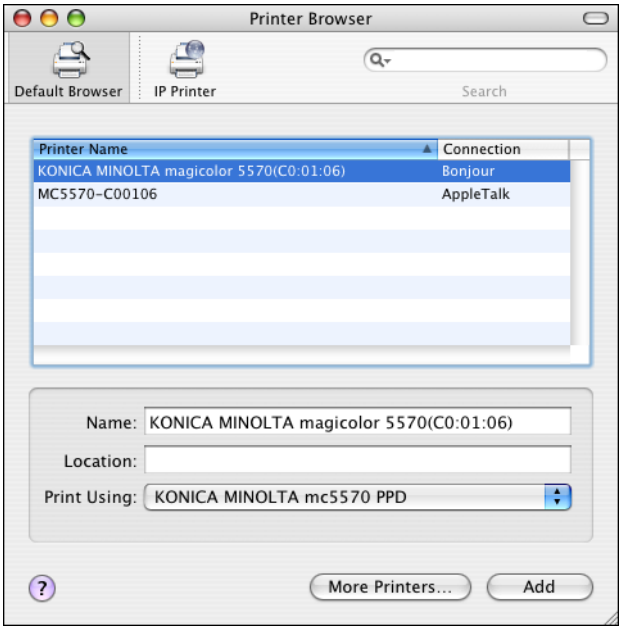
3 In the **Printer List**, click **Add**.

*The detected printer appears in the **Printer Browser**.*



4 Select **KONICA MINOLTA magicolor 5570(5550)(xx:xx:xx)** in the **Printer Name** list.

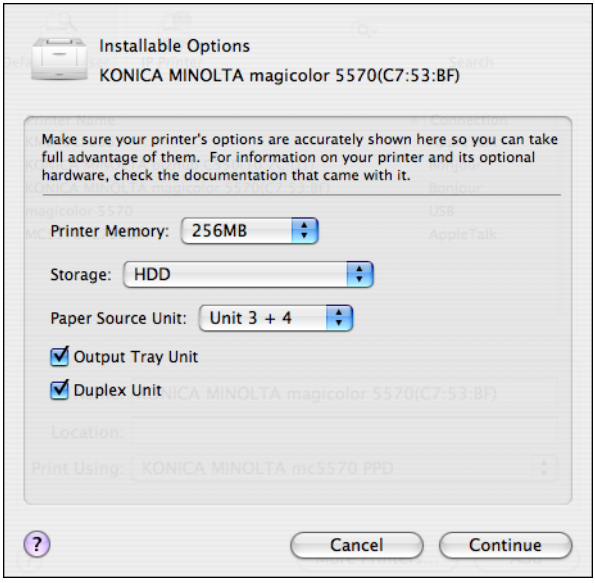
"xx:xx:xx" refers to the last six digits of the MAC address (in hexadecimal).



5 Check that **KONICA MINOLTA mc5570(5550) PPD** is selected in the **Print Using** list.

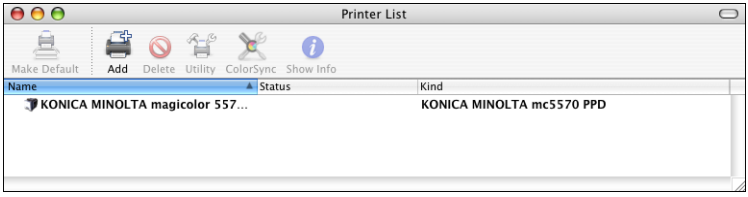
6 Click **Add**.

7 Select the appropriate settings in the **Printer Memory, Storage**, **Paper Source Unit**, **Output Tray Unit** and **Duplex Unit** according to your printer setup.



8 Click **Continue**.

*The new printer appears in the **Printer List** screen.*



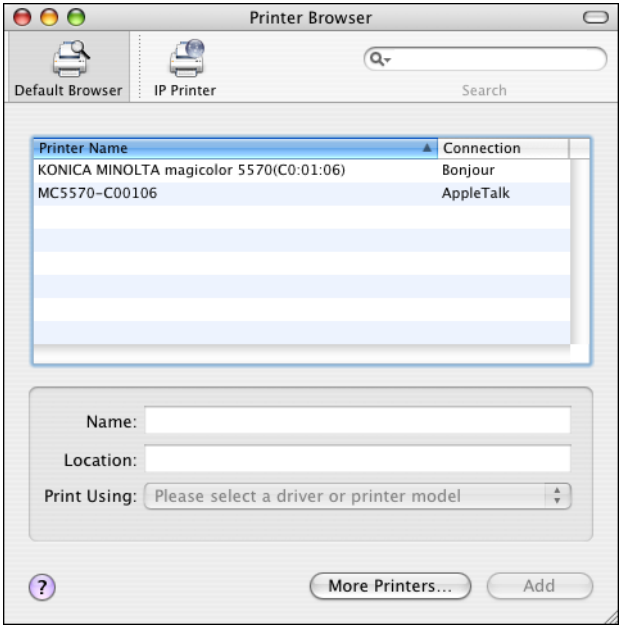
AppleTalk Setting

1 Connect the printer to an Ethernet network.

2 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

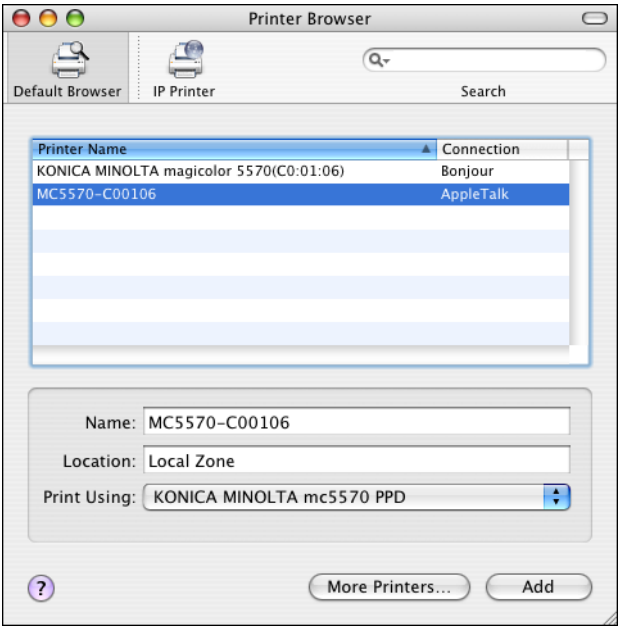
3 Click Add in the **Printer List**.

*The detected printer appears in the **Printer Browser**.*



4 Select **MC5570(5550)-xxxxxx** in the **Printer Name** list.

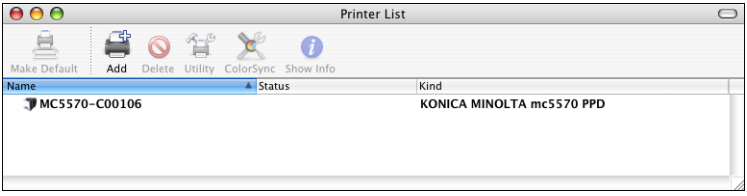
"xxxxxx" refers to the last six digits of the MAC address (in hexadecimal).



5 Check that **KONICA MINOLTA mc5570(5550) PPD** is selected in the **Print Using** list.

6 Click **Add**.

The new printer appears in the Printer List screen.



If any options are installed, select them. For details, refer to "Selecting Print Options" on page 19.

IP Printing Setting

1 Connect the printer to an Ethernet network.

2 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

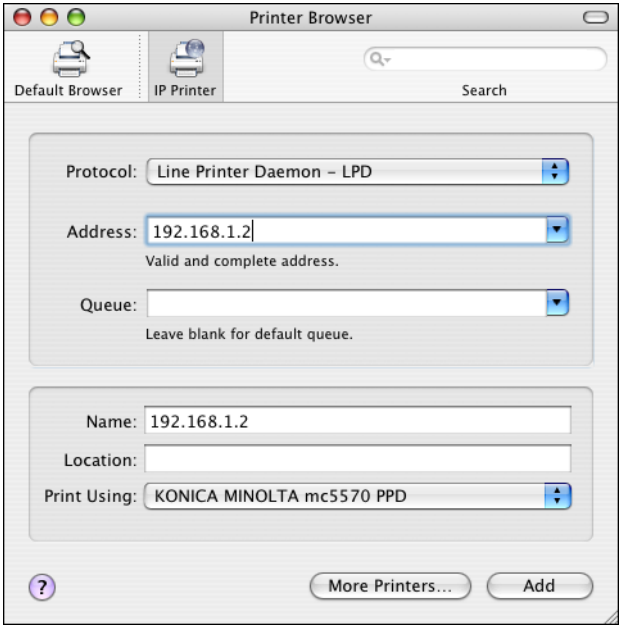
3 Click **Add** in the **Printer List**.

4 Click **IP Printer**.

5 Select desired print protocol from the **Protocol** pop-up menu.

- For an IPP setup, select Internet Printing Protocol - IPP.
- For an LPD setup, select Line Printer Daemon - LPD.
- For a port 9100 setup, select HP Jet Direct - Socket.

6 Enter the IP address for the printer in the **Address** text box.

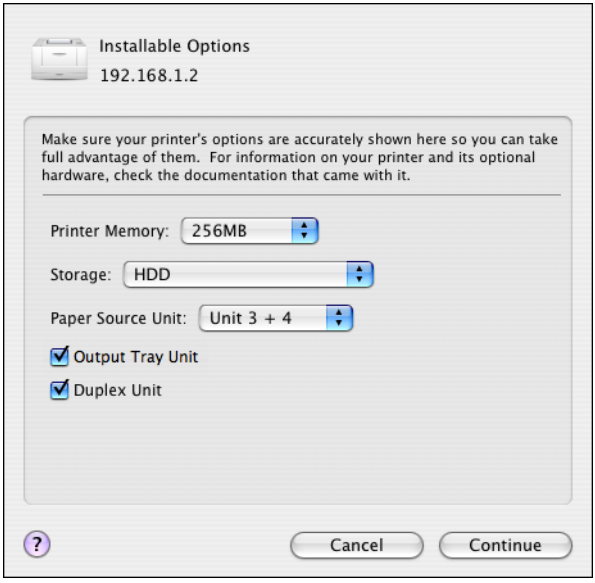


- For an LPD setup, “lp” in the Queue text box.
- For an IPP setup, “ipp” in the Queue text box.

7 Check that **KONICA MINOLTA mc5570(5550) PPD** is selected in the **Print Using** list.

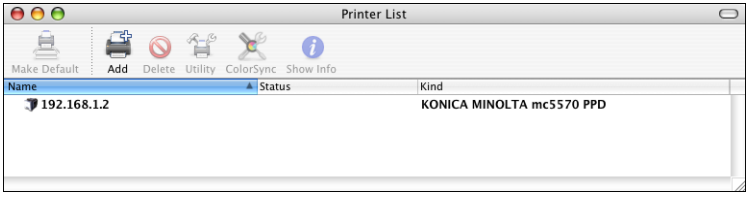
8 Click **Add**.

9 Select the appropriate settings in the **Printer Memory**, **Storage**, **Paper Source Unit**, **Output Tray Unit** and **Duplex Unit** according to your printer setup.



10 Click **Continue**.

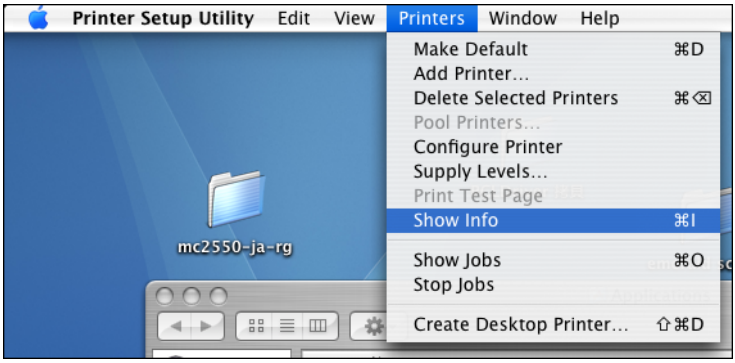
*The new printer appears in the **Printer List** screen.*



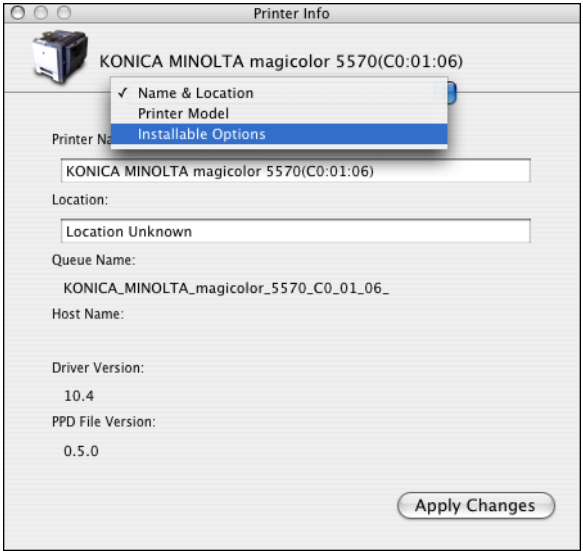
Selecting Print Options

1 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

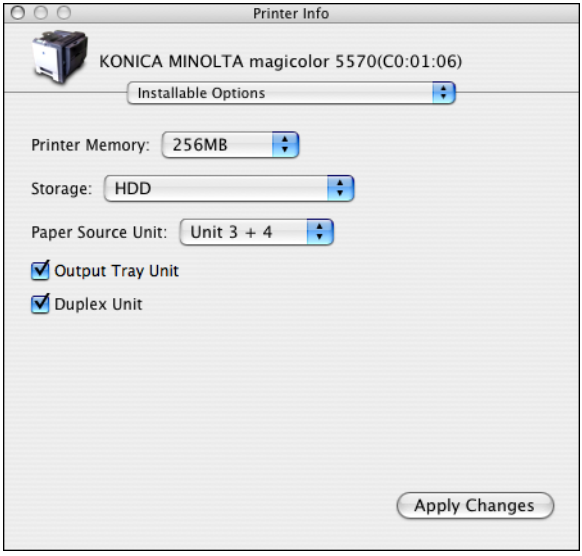
2 Select this printer in the **Printer List**, and then select **Show Info** from the **Printers** menu.



3 Select **Installable Options** from the pop-up menu.



4 Select the appropriate settings in the **Printer Memory**, **Storage**, **Paper Source Unit**, **Output Tray Unit** and **Duplex Unit** according to your printer setup, and then click **Apply Changes**.



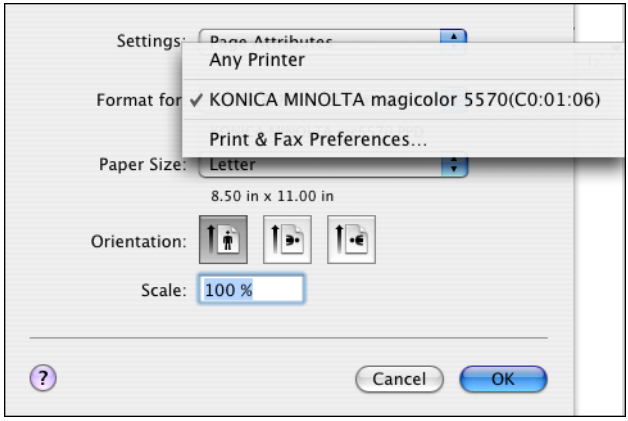
5 Close the **Printer Info** dialog box.

Specifying Page Setup Settings

The following dialog box appears when **Page Setup...** is selected from the **File** menu in the application being used.

1 Select **Page Setup...** from the **File** menu.
The **Page Setup** dialog box appears.

2 Select this printer in the **Format for** pop-up menu.

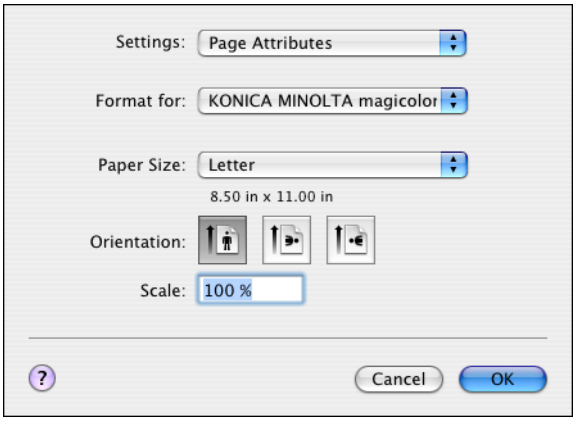


You can select the following sections from the **Settings** pop-up menu.

Section	Description
Page Attributes	This is used to specify the settings for the paper size, scaling, and print orientation.
Save As Default	This is used to save the new settings as the defaults.

Page Attributes Options

The **Page Attributes** section is used to specify the settings for the paper size, scaling, and print orientation.



- Paper Size
  Select the desired paper size from the Paper Size pop-up menu.
- Orientation
  Select either a vertical or horizontal page orientation for printouts.
- Scale
  If you want to enlarge or reduce the size of the printout, enter the scale ratio here (25-400%)

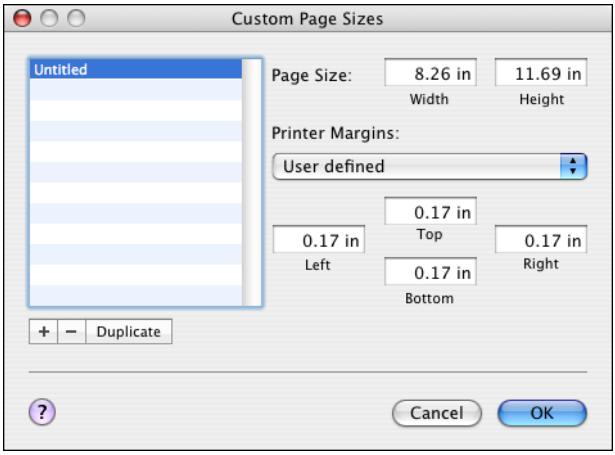
Regardless of which paper size is selected, the printer does not print within 0.157" (4 mm) of the edge of the paper.

Custom Paper Size Options

You can also specify a paper size that is not listed in the Paper Size pop-up menu.

1 Select **Manage Custom Sizes** from the pop-up-menu, in the **Page Setup** dialog box.

*The **Custom Page Sizes** dialog box appears.*



- \+
  Click this button to create a new custom paper size.
- –
  Click this button to delete a custom paper size.
- Duplicate
  Click this button to duplicate (copy) the settings of an existing custom paper size and create a new custom paper size based on those settings.
- Paper Size
  Enter the dimensions of the paper height and width for the custom paper size.

  Height: 5.9 - 14.0" (148 - 356 mm)

  Width: 3.6 - 8.5" (92 - 216 mm)
- Printer Margins
  Enter the dimensions for the top, left, right, and bottom margins.

2 After you have finished entering the settings, click **OK**.

Regardless of which paper size is selected, the printer does not print within 0.157" (4 mm) of the edge of the paper.

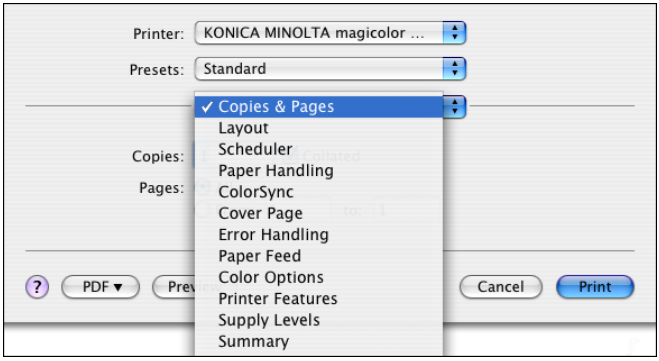
Specifying Print Settings

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.

1 Select **Print...** from the **File** menu.
The **Print** dialog box appears.

2 Select this printer in the **Printer** pop-up menu.
The Print dialog box is used to specify the following print options.

Print Dialog Box



Section	Description
Copies & Pages	This section contains options for the number of copies to be printed and the range of pages to print.
Layout	This section contains options for specifying the page layout when printing and the setting for double-sided printing.
Scheduler	This section contains options for specifying the print timing and priority of jobs.
Paper Handling	This section contains options for specifying the pages to be printed and their printing order.
ColorSync	This section contains options for specifying ColorSync settings.
Cover Page	This section contains options for specifying cover page settings.
Error Handling	This section contains options for specifying how an error is reported.
Paper Feed	This section contains paper feed options.
Color Options	This section contains options for color printing.
Printer Features	This section contains options for specifying whether or not paper of the nearest size is automatically detected when no paper tray is loaded with paper of the same size as the document and for specifying how the back of the paper is printed.

Section	Description
Supply Levels	This section provides information for checking the amount of service life remaining on each consumable.
Summary	This is used to check the current settings.

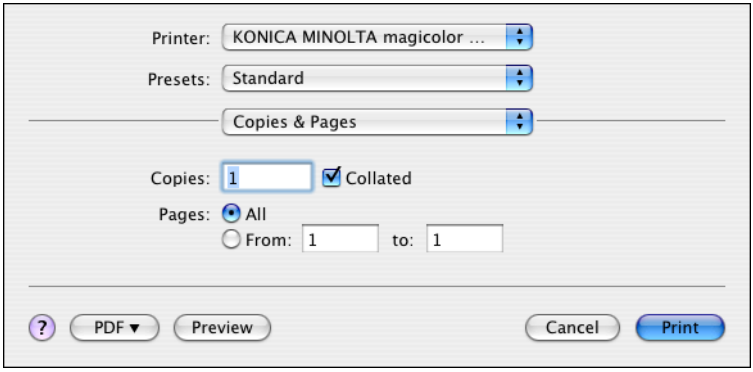
No warning message will be displayed if options cannot be used together are selected.

Common buttons

- ? (Help button)
  This displays help information about the Print dialog box.
- PDF
  Click this button to select the PDF menu. The print output can be saved as a PDF file or faxed.
- Preview
  Click this button to view a preview image of the printout, to check that the print options are set correctly.
- Cancel
  Click this button to close the Print dialog box without applying any of the settings.
- Print
  Click this button to print using the selected print options.

Copies & Pages

The **Copies & Pages** section is used to specify the number of copies to print and the range of pages to print.



- Copies
  This specifies the number of copies to be printed. If the **Collated** check-box is selected, all pages in the documents are printed as sets of print-outs.
  For example, if 5 is entered for **Copies** and **Collated** is selected, the document is printed five times from the first page to the last page.

  In order to use the collate function, the optional hard disk drive or a CompactFlash card of 1 GB or more must be installed.
  If a collate function is provided with the application, the setting specified from the application is given priority, and the setting specified in the printer driver is ignored.

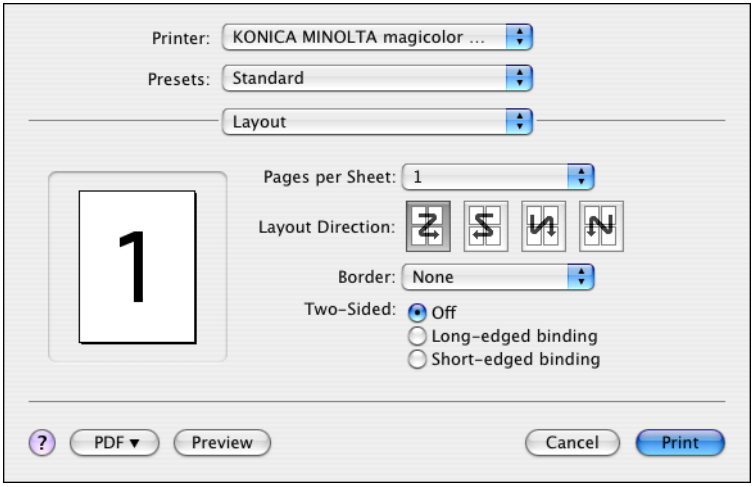
- Pages

  All: Prints all pages in the document.

  From, to: Specifies the range of pages to be printed.

Layout

The **Layout** section is used to specify the page layout when printing and the setting for double-sided printing.



- Pages per Sheet
  Specifies the number of pages to be printed on one sheet of paper. For example, if **2** is selected, two pages are printed on one sheet of paper.
- Layout Direction
  If you are printing more than one page per sheet, this specifies the direction and order the pages should be arranged on each sheet of paper.
- Border
  This prints a border around the image for each of the pages printed on one sheet of paper when more than one page is printed on one sheet of paper.
- Two-Sided
  Select the desired setting for double-sided printing when the optional duplexing unit is installed.

  Off: Double-sided printing is not performed.

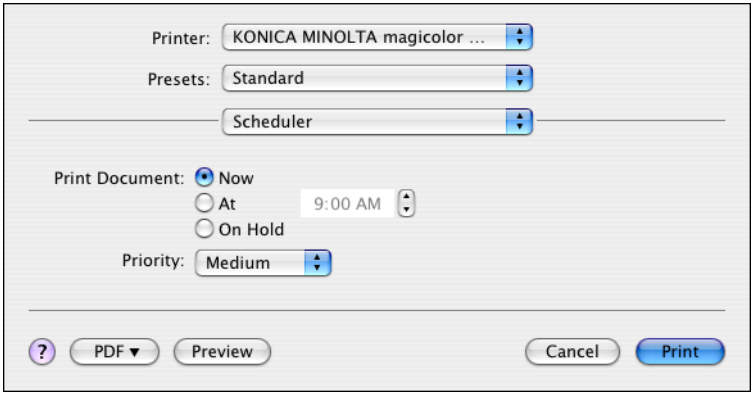
  Long-edge binding: Double-sided printing is performed with the binding along the long edge of the paper.

  Short-edge binding: Double-sided printing is performed with the binding along the short edge of the paper.

*To print on both sides of the paper, **Duplex Unit** must be selected under **Installable Options** (p. 19).*
*The **Long-edge biding** check box or **Short-edge biding** check box can be selected even when the **Duplex Unit** is not installed. However, in this case, the print job will be cancelled.*

Scheduler

The **Scheduler** section is used to specify the timing and priority for printing jobs.



- Print Document

  Now: Select this option to begin printing immediately.

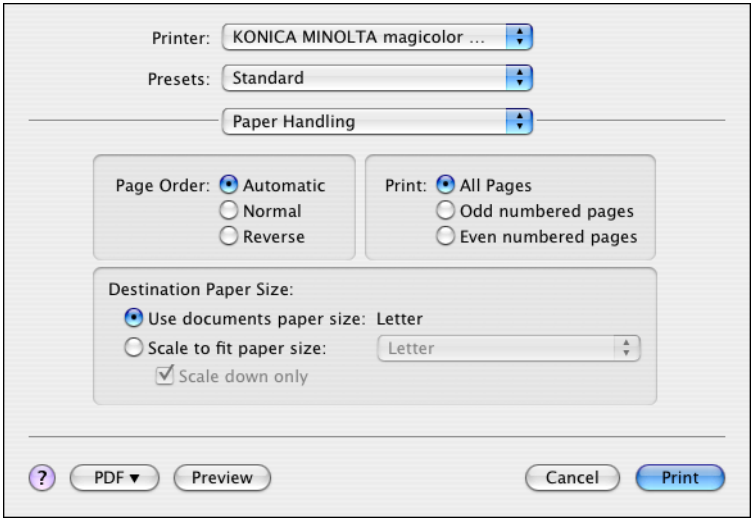
  At: Specify the time to begin printing.

  On Hold: Select this option to hold the print job.

- Priority
  Select the priority for printing jobs that are being held.

Paper Handling

The **Paper Handling** section is used to specify the pages that are to be printed and the order in which the pages are printed.



- Page Order

  Automatic: Select this option to print in the original page order of the document.

  Normal: Select this option to print in the normal page order.

  Reverse: Select this option to print in the reverse page order.

- Print

  All pages: Select this option to print all pages.

  Odd numbered pages: Select this option to print only the pages with odd page numbers.

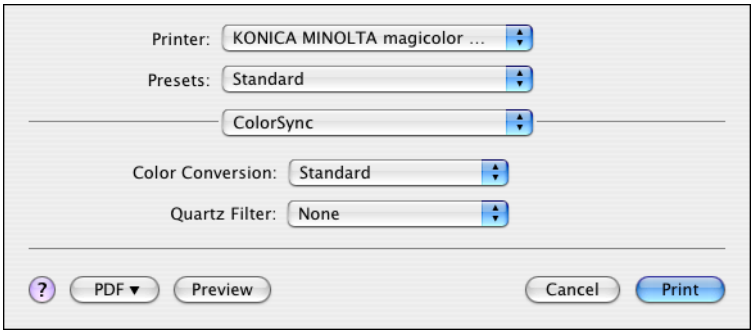
  Even numbered pages: Select this option to print only the pages with even page numbers.

- Destination Paper Size

  Use documents paper size: Select this option to use the document size as created by software applications.

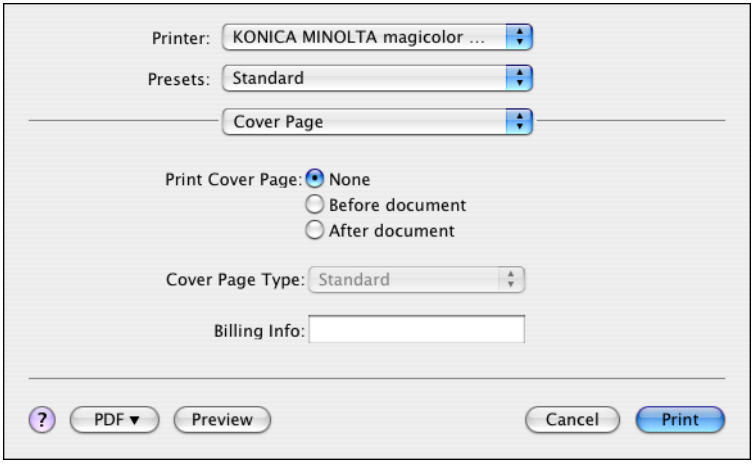
  Scale to fit paper size: Select this option to fit the document size to the size of paper used by the printer. Specify the size of paper used by the printer.

ColorSync



- Color Conversion
  Allows you to select host-based color matching or printer-based color matching.
- Quartz Filter
  Allows you to select Quartz Filter.

Cover Page



- Print Cover Page
  Allows you to set cover page before or after document.
- Cover Page Type
  Allows you to select cover page type.

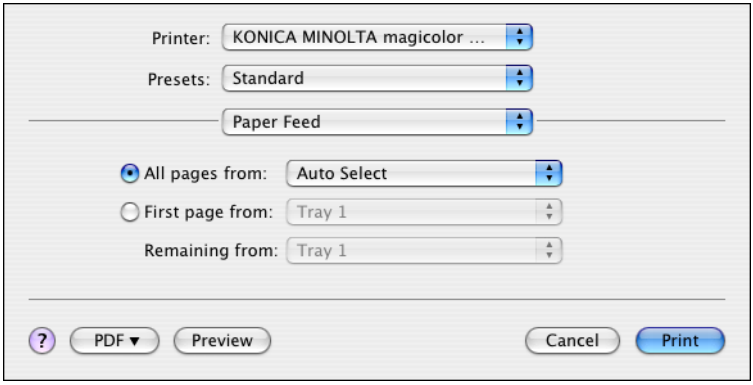
- Billing Info
  Allows you to set billing information printed on cover page.

Error Handling

- PostScript Errors
  Allows you to select whether or not a report is outputted when a PostScript error occurs.
- Tray Switching
  This feature is not available with this printer.

Paper Feed

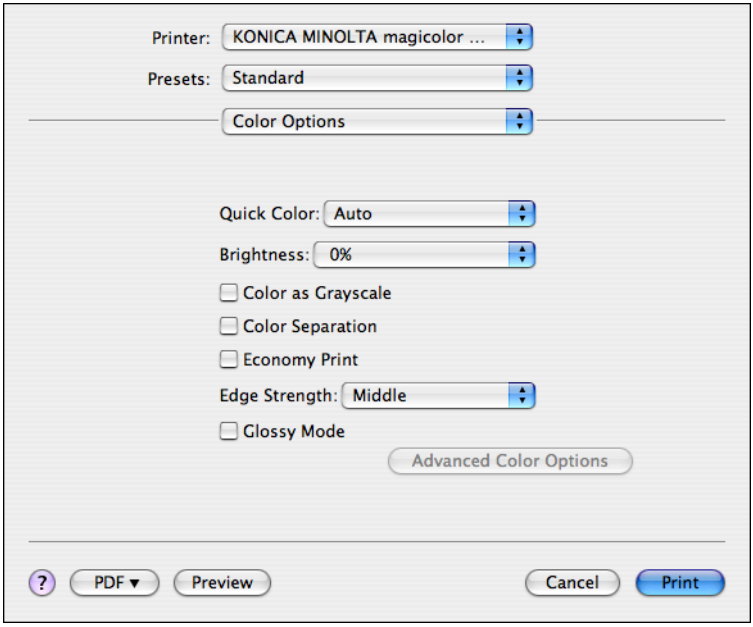
The **Paper Feed** section is used to specify the paper feed setting.



- All pages from
  All pages in the document are printed using the paper in the specified paper tray.
- First page from
  The first page of the document is printed on paper from a paper tray different from the tray used to print the rest of the document.
- Remaining from
  The rest of the document is printed from the specified paper tray when the first page is to be printed on paper from a different tray.

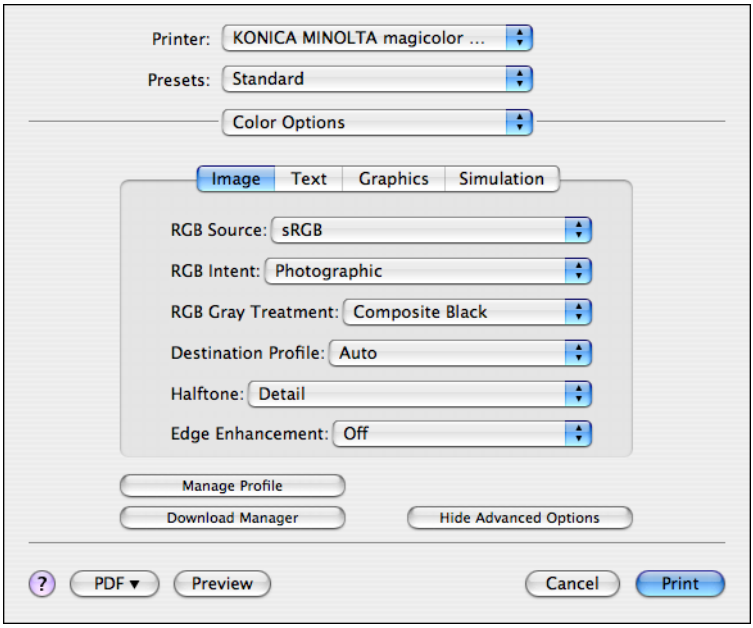
*If an optional tray is installed, select **Unit 3** or **Unit 3 + 4** under **Installable Options** (p. 19). If **Unit 3** or **Unit 3 + 4** is not selected, **Tray 3** and **Tray 4** appear in gray and cannot be selected.*

Color Options



- Quick Color
  Allows you to select a color preset.
- Brightness
  Allows you to set Brightness.
- Color as Grayscale
  Allows you to set Grayscale color.
- Color Separation
  Allows you to set Color Separation.
- Economy Print
  Allows you to set Economy Print Mode.
- Edge Strength
  Allows you to select Edge Strength.
- Glossy Mode
  Allows you to set Glossy Mode.
- Advanced Color Options
  Click this button to display the **Advanced Color Options** pane.

Advanced Color Options/Image

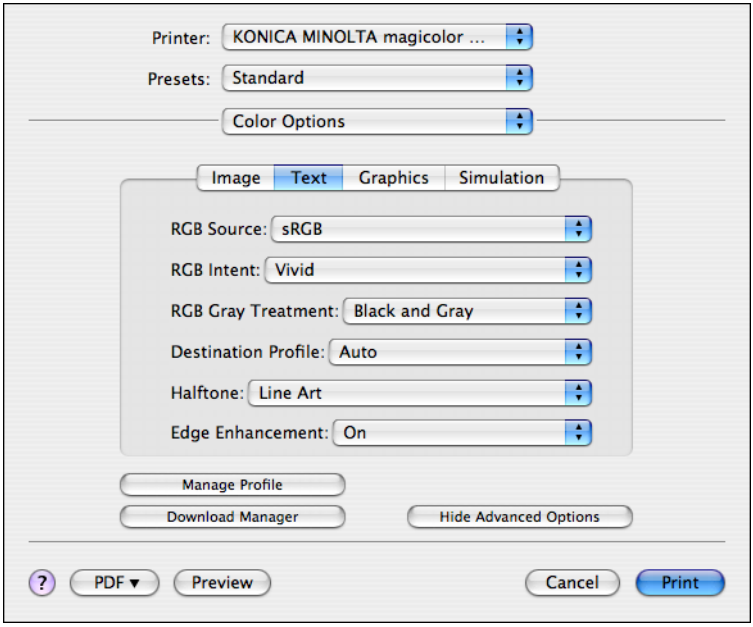


- RGB Source
  Allows you to select RGB color profiles for images.
- RGB Intent
  Allows you to select color intent for RGB images.
- RGB Gray Treatment
  Allows you to select RGB gray treatment for images.
- Destination Profile
  Allows you to select Destination Profile for images.
- Halftone
  Allows you to select halftone for images.
- Edge Enhancement
  Allows you to select Edge Enhancement for images.
- Hide Advanced Options
  Click this button to hide the **Advanced Color Options** pane and display the **Color Options** pane.
- Manage Profile
  Click this button to display the Color Profile Management dialog box. From this dialog box, color profiles can be added or deleted to those available as settings for **RGB Source**, **Destination Profile** and **Simulation Profile** of the **Advanced Color Options** pane.

- Download Manager
  Click this button to start up the installed Download Manager.

*In order to start up Download Manager from the **Advanced Color Options** pane, Download Manager must be copied into the folder at the path Application\Download Manager mc5570(mc5550). After creating the folder "Download Manager mc5570(mc5550)" in the "Application" folder, copy Download Manager into the created folder.*

Advanced Color Options/Text

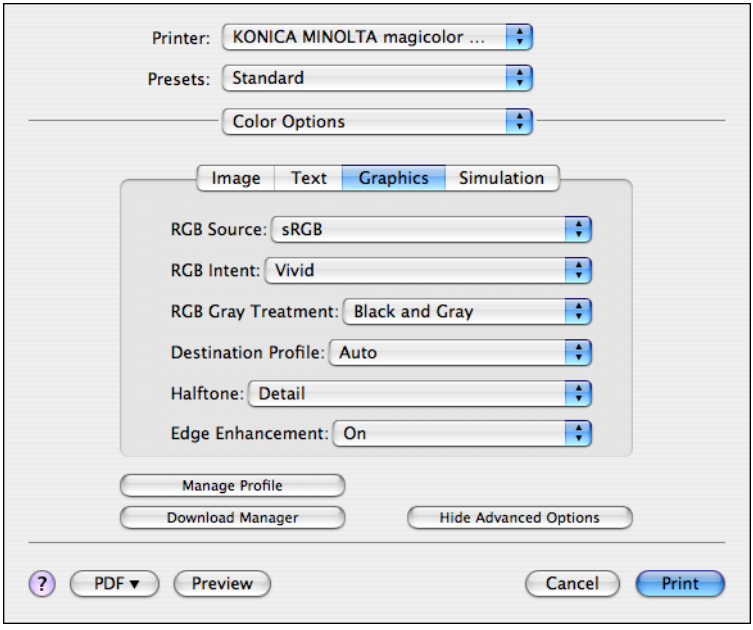


- RGB Source
  Allows you to select RGB color profiles for text.
- RGB Intent
  Allows you to select color intent for RGB text.
- RGB Gray Treatment
  Allows you to select RGB gray treatment for text.
- Destination Profile
  Allows you to select Destination Profile for text.
- Halftone
  Allows you to select halftone for text.

- Edge Enhancement
  Allows you to select Edge Enhancement for text.
- Hide Advanced Options
  Click this button to hide the **Advanced Color Options** pane and display the **Color Options** pane.
- Manage Profile
  Click this button to display the Color Profile Management dialog box. From this dialog box, color profiles can be added or deleted to those available as settings for **RGB Source**, **Destination Profile** and **Simulation Profile** of the **Advanced Color Options** pane.
- Download Manager
  Click this button to start up the installed Download Manager.

*In order to start up Download Manager from the **Advanced Color Options** pane, Download Manager must be copied into the folder at the path Application\Download Manager mc5570(mc5550). After creating the folder "Download Manager mc5570(mc5550)" in the "Application" folder, copy Download Manager into the created folder.*

Advanced Color Options/Graphics

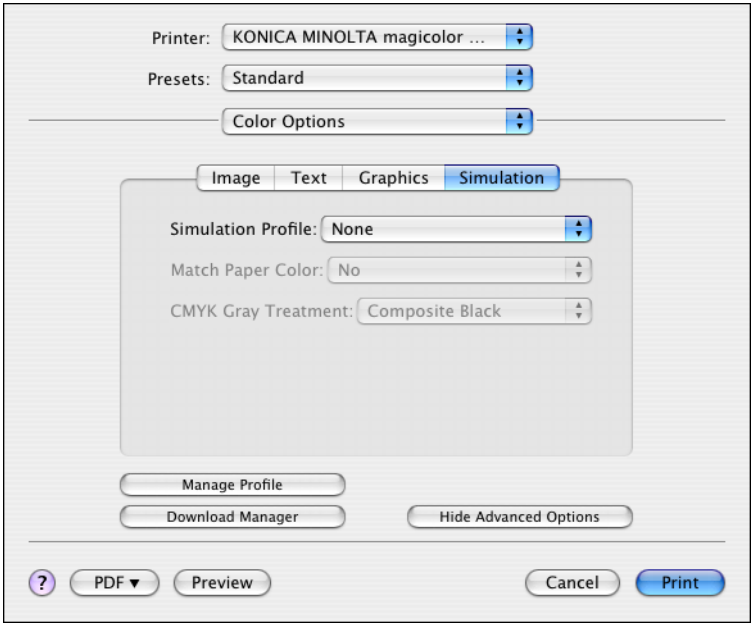


- RGB Source
  Allows you to select RGB color profiles for graphics.

- RGB Intent
  Allows you to select color intent for RGB graphics.
- RGB Gray Treatment
  Allows you to select RGB gray treatment for graphics.
- Destination Profile
  Allows you to select Destination Profile for graphics.
- Halftone
  Allows you to select halftone for graphics.
- Edge Enhancement
  Allows you to select Edge Enhancement for graphics.
- Hide Advanced Options
  Click this button to hide the **Advanced Color Options** pane and display the **Color Options** pane.
- Manage Profile
  Click this button to display the Color Profile Management dialog box. From this dialog box, color profiles can be added or deleted to those available as settings for **RGB Source**, **Destination Profile** and **Simulation Profile** of the **Advanced Color Options** pane.
- Download Manager
  Click this button to start up the installed Download Manager.

*In order to start up Download Manager from the **Advanced Color Options** pane, Download Manager must be copied into the folder at the path Application\Download Manager mc5570(mc5550). After creating the folder "Download Manager mc5570(mc5550)" in the "Application" folder, copy Download Manager into the created folder.*

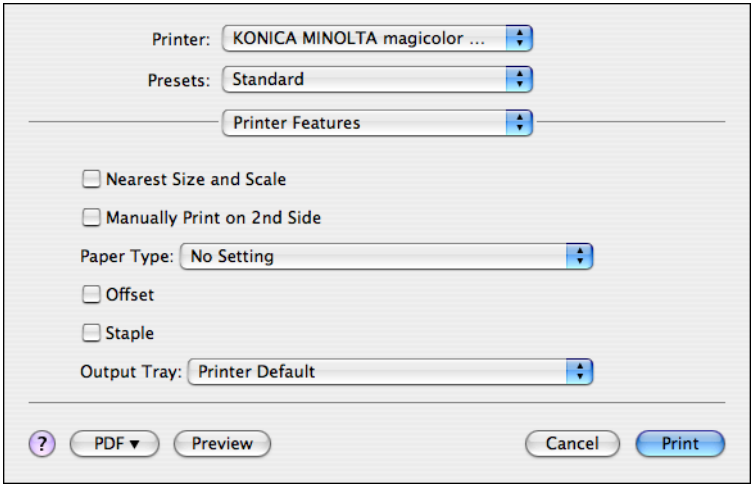
Advanced Color Options/Simulation



- Simulation Profiles
  Allows you to select color profiles for simulation.
- Match Paper Color
  Allows you to set Match Paper Color.
- CMYK Gray Treatment
  Allows you to select Simulation gray treatment.
- Hide Advanced Options
  Click this button to hide the **Advanced Color Options** pane and display the **Color Options** pane.
- Manage Profile
  Click this button to display the Color Profile Management dialog box. From this dialog box, color profiles can be added or deleted to those available as settings for **RGB Source**, **Destination Profile** and **Simulation Profile** of the **Advanced Color Options** pane.
- Download Manager
  Click this button to start up the installed Download Manager.

*In order to start up Download Manager from the **Advanced Color Options** pane, Download Manager must be copied into the folder at the path Application\Download Manager mc5570(mc5550). After creating the folder "Download Manager mc5570(mc5550)" in the "Application" folder, copy Download Manager into the created folder.*

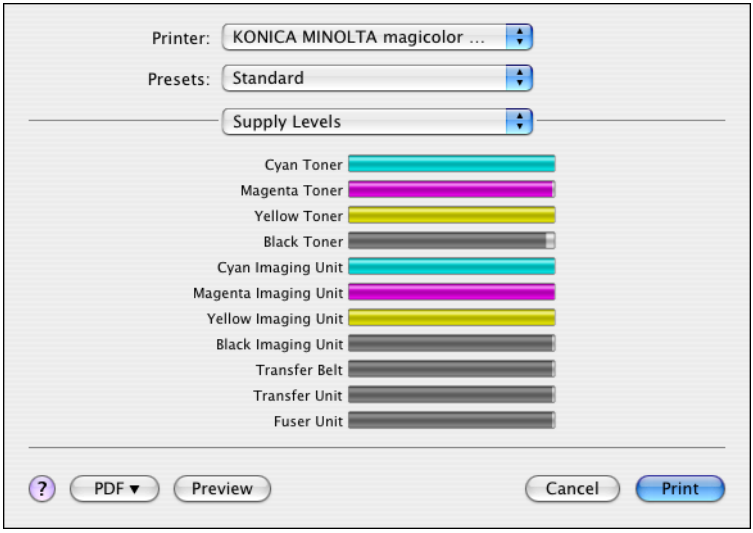
Printer Features



- Nearest Size and Scale
  If no paper tray contains paper of the specified size, the page is automatically enlarged or reduced and paper of the most appropriate size is selected.
- Manually Print on 2nd Side
  This feature must be set when you set paper already printed on the front side.
- Paper Type
  Select the desired paper type from the Paper Type pop-up menu.
- Offset
  Select whether or not printed pages are sorted.
- Staple
  Select whether or not to staple with the staple finisher.
- Output Tray
  Select the output tray for the staple finisher.

*If the staple finisher is installed, refer to "Selecting Print Options" on page 19 to specify settings for the staple finisher. If the settings are not specified, **Offset**, **Staple** and **Output Tray** are not available.*

Supply Levels

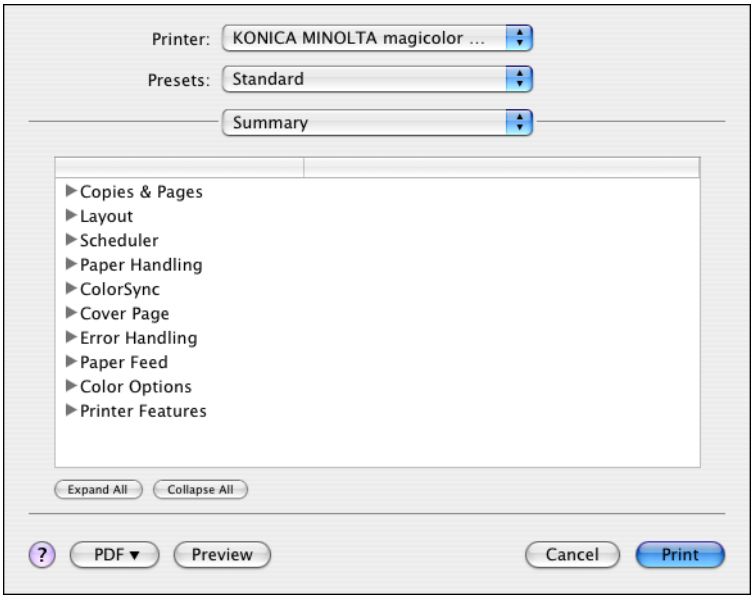


The **Supply Levels** section provides information for checking the amount of service life remaining on each consumable.

*The **Supply Levels** section appears when a printer is created on Mac OS X v10.4 with a Bonjour, IPP, LPD, Socket connection.*

Summary

The **Summary** is used to check the currently selected print settings.



Troubleshooting

Symptom	Solution
The setting in the saved presets are not applied.	Depending on the functions selected for the printer, some preset settings are not saved.
Media type error appears.	If a media type, such as “Transparency,” is specified for Tray 1, Tray 2, Tray 3 or Tray 4, a media type error appears and the printer stops. Be sure to specify a media type supported by Tray 1, Tray 2, Tray 3 and Tray 4.
The printer stops responding.	Depending on the operating system, some paper size and paper type combinations are not permitted. If the job was sent with an incorrect combination of settings, the printer stops responding. Be sure to print with the correct combination of paper size and paper type settings.
Checking the version number of the printer driver and PPD file.	■ For Mac OS X 10.4: Select the printer from **Printer Setup Utility**, and then click **Show Info** in the **Printers** menu. In the pop-up menu of the **Printer Info** dialog box, select **Name & Location**.
The dialog box displays incorrectly after you select another manufacture’s printer and then select the magicolor 5570(5550) again.	Close the Print dialog box, and then open it again.
The custom paper size is different from the size that was set.	Depending on the operating system, the custom paper size settings may change slightly (for example, 5.80" may change to 5.79").
When printing 2 pages on a single sheet of paper, the pages are not centered on the paper.	Depending on the operating system, the pages are not centered on the paper when printing two pages on a single sheet of paper with the following paper sizes. Legal, Letter Plus, Foolscap, Government Legal, Statement, Folio

Symptom	Solution
The specified name cannot be used for the name of a custom paper size.	Due to the limitations of Mac OS X, the following names cannot be used as custom paper size names. Specify a different name. ■ “Custom” ■ General paper size names specified in the PPD files, such as “A4” and “B4”
When printing multiple copies of multiple pages on a single sheet of paper with **Collated** selected, the pages are printed continuously.	When printing multiple copies of multiple pages on a single sheet of paper, **Collated** cannot be selected.
While printing from Acrobat Reader, the pages are not correctly collated or the print job is cancelled.	If a printing error occurs with Acrobat Reader, print using the Preview application provided by the operating system.

2

Operation on Mac OS 9

System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements.

Computer	Apple Macintosh computer with a PowerPC G3 or later processor (PowerPC G4 or later is recommended)
Connection between computer and printer	USB connection, network connection (10Base-T/100Base-TX/1000Base-T)
Operating system	Mac OS 9.1 or later Mac OS X Classic mode (9.2.2 or later) When using the Classic environment of Mac OS X, Mac OS X 10.2.6 or later is required.
RAM	More than OS recommendation (128 MB or more is recommended)
Available disk space	256 MB or more is recommended (for storing images)

Installing the Printer Driver

This manual provides scriptions using dialog boxes for magicolor 5570.
Since the dialog boxes appear the same for magicolor 5550, the dialog boxes for magicolor 5570 are used in the following descriptions.

Before proceeding with the installation, be sure to exit all running applications.

Installing the magicolor 5570(5550) Printer Driver

The procedure for installing the printer driver on Mac OS 9.2 is described below. The following procedure or some steps may be different depending on the version of the operating system being used. Complete the installation according to the instructions in the dialog boxes that appear.

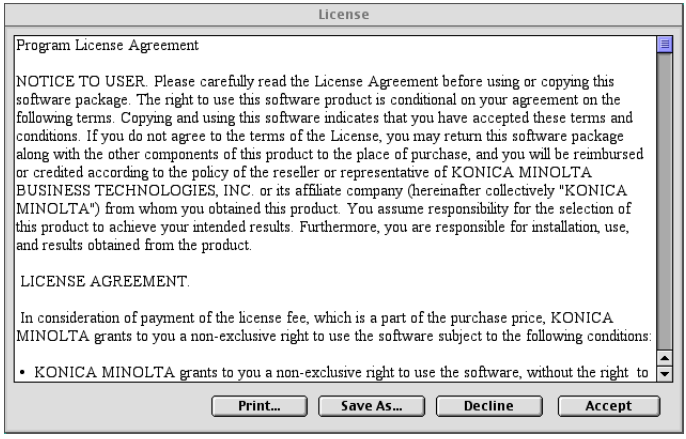
1 Insert the magicolor 5570(5550) Printer Driver CD-ROM in the CD/DVD-ROM drive of your Macintosh.

2 Double-click the CD icon on the desktop, and then double-click the **mc5570(5550) OS9 Installer** icon.

The installer for the printer driver starts up.

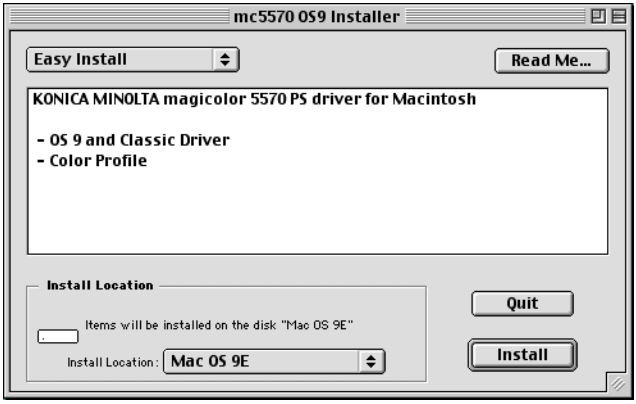
When using Mac OS X, start up the Classic environment before installing the printer driver.

3 Check the details of the License Agreement, and click **Accept** if you agree to the terms of the license.



4 Click **Install**.

The installer installs the printer driver.



Installation starts.

5 After the installation has been completed, click **Quit**.

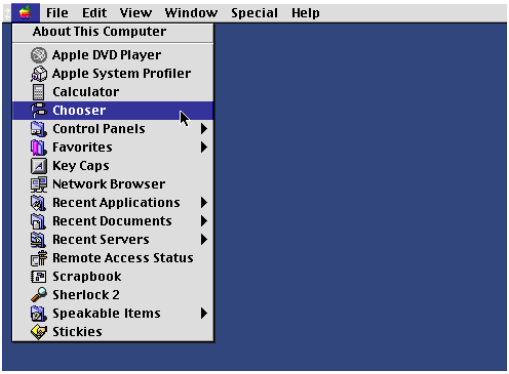
This completes the installation of the magicolor 5570(5550) printer driver.

Selecting the Printer in the Chooser

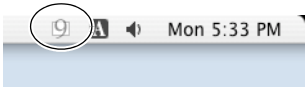
Use the Chooser to use AppleTalk to connect the printer.

1 Use an 10Base-T/100Base-TX/1000Base-T cable to connect the printer to a Ethernet network.

2 Select **Chooser** from the Apple menu.



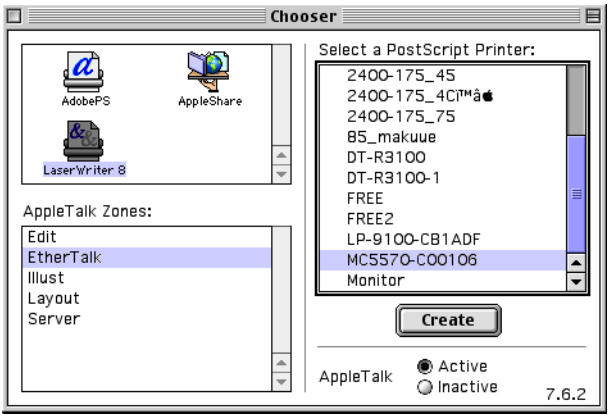
When using Mac OS X, the Apple menu is available with the icon for the Classic environment in the menu bar.



To display the Classic status in the menu bar, select the "Show Classic status in menu bar" check box in the Classic dialog box.

3 Select the **LaserWriter 8** icon from the icons on the left side of the Chooser.

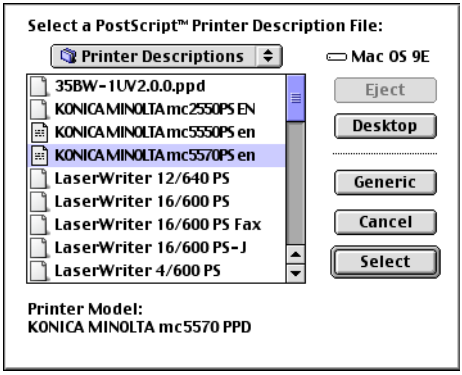
*The printer name appears in the **Select a PostScript printer** section on the right side of the Chooser.*



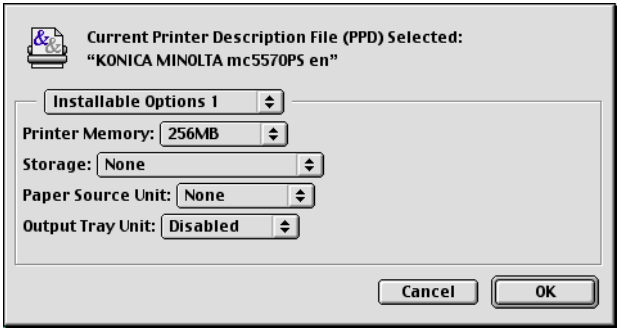
4 Select the printer.

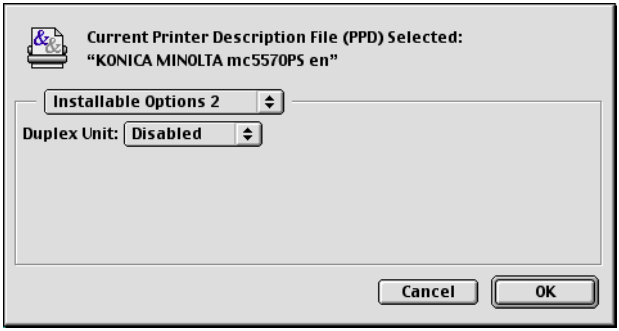
5 Click **Create**.

6 Select **KONICA MINOLTA mc5570(5550)PS en**, then click **Select**.



The printer setup dialog box appears.





For operating systems other than those in English, select the printer indicated below, according to the language of the operating system.
- Czechoslovakian: KONICA MINOLTA mc5570(5550)PS cs
- German: KONICA MINOLTA mc5570(5550)PS de
- Spanish: KONICA MINOLTA mc5570(5550)PS es
- French: KONICA MINOLTA mc5570(5550)PS fr
- Italian: KONICA MINOLTA mc5570(5550)PS it
- Japanese: KONICA MINOLTA mc5570(5550)PS ja
- Korean: KONICA MINOLTA mc5570(5550)PS ko
- Portuguese: KONICA MINOLTA mc5570(5550)PS pt_BR
- Simplified Chinese: KONICA MINOLTA mc5570(5550)PS zh_CN
- Traditional Chinese: KONICA MINOLTA mc5570(5550)PS zh_TW

7 Select the options that are installed, and then click **OK**.

The new printer icon appears on the desktop.

In the Classic environment, no icon appears on the desktop.

Selecting the Printer in the Desktop Printer Utility

Use the Desktop Printer Utility to use a USB cable to connect the printer.

1 Use the USB cable to connect the printer and your computer.

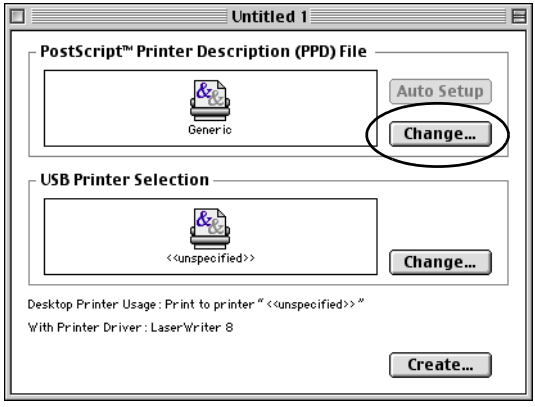
2 From Hard Disk, select Desktop Printer Utility.

3 Select **LaserWriter 8** from **With** pop-up menu.

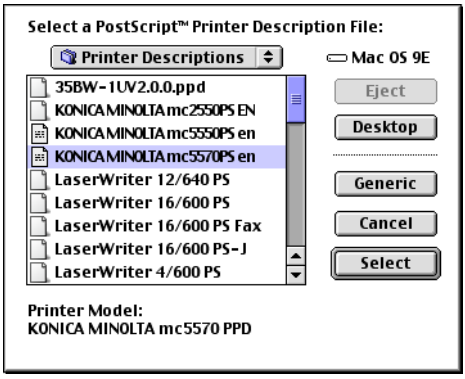
4 Select **Printer (USB)** from **Create Desktop** list.

5 Click **OK**.

6 Select **Change** to select the PPD file.

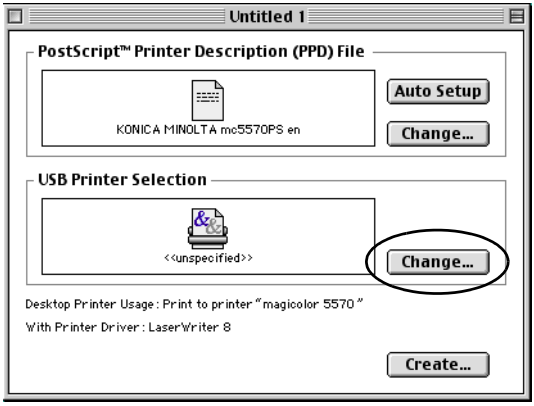


7 Select **KONICA MINOLTA mc5570(5550)PS en** from the list of PPD files.

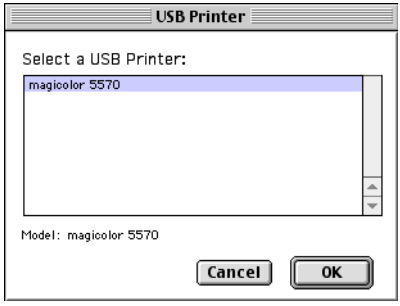


8 Click **Select**.

9 Click **Change** to select the USB Printer.

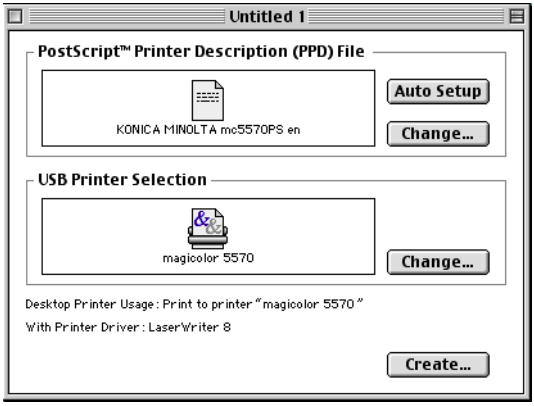


10 Select **magicolor 5570(5550)** from the **Select a USB Printer** list.



11 Click **OK**.

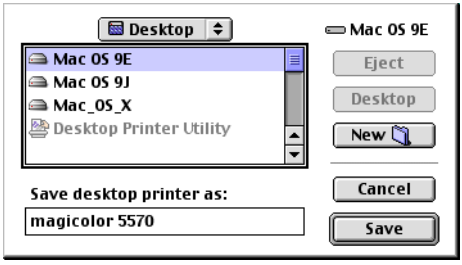
12 Click **Create**.



13 Select **Save** from the **File** menu.

14 Click **Save**.

15 Specify a printer name in the **Save desktop printer as** text box, and then click **Save**.



The new printer icon appears on the desktop.

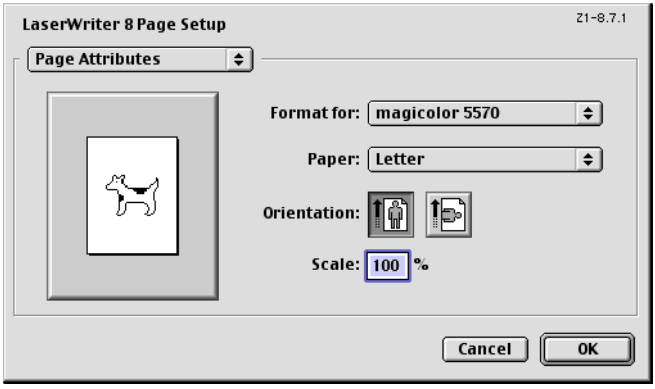
In the Classic environment, no icon appears on the desktop.

Specifying Page Setup Settings

The **Page Setup** dialog box appears when **Page Setup...** is selected from the **File** menu.

Page Attributes Options

The **Page Attributes** section is used to specify the options for the Paper Size, scaling, and page orientation.



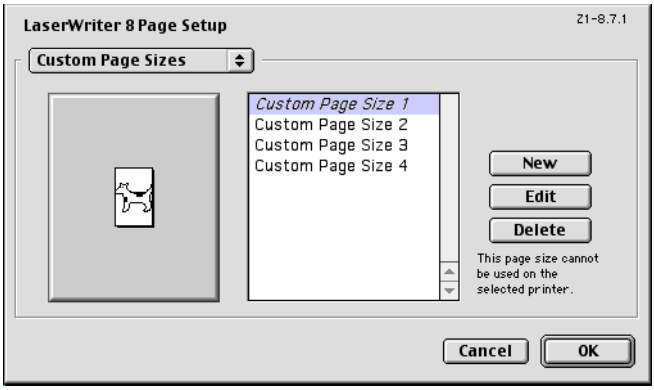
- Paper
  Select the desired Paper Size from the **Paper** pop-up menu.
- Orientation
  Select either a vertical or horizontal page orientation for printouts.
- Scale (%)
  If you want to enlarge or reduce the size of the printout, enter the scale ratio (25%-400%) here.

Regardless of which paper size is selected, the printer does not print within 0.157 inch (4 mm) of the edge of the paper.

Specifying a Custom Paper Size

You can also specify a paper size that is not listed in the **Paper Size** pop-up menu.

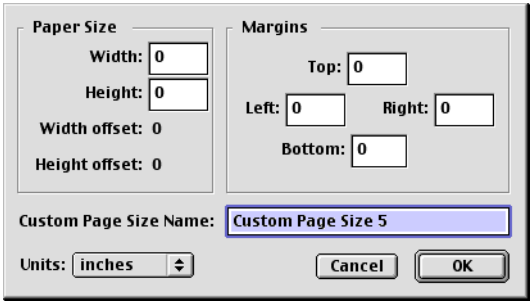
1 Select **Custom Page Sizes...** from the pop-up menu, in the **Page Setup** dialog box.



*The **Edit Paper Sizes** dialog box appears.*

2 Click **New**.

The following dialog box appears.



- Paper Size
  Enter the dimensions of the paper height and width for the custom page size.
  Height: 5.8-14.0" (148-356 mm)
  Width: 3.6-8.5" (92-216 mm)
- Margins
  Enter the dimensions for the top, left, right and bottom margins.
- Custom Page Size Name
  Enter a name for the custom paper size.

- Units
  Select the measurement units for values.

3 Enter a name for the custom paper size in the **Custom Page Size Name** field, enter the dimensions in the **Width** and **Height** fields, enter the margins in **Margins** fields, and then click **OK**.

*The default units used for the dimensions for **Width**, **Height and Margins** is inches. To specify the dimensions in millimeters, select **cm** or **pts** from the **Units** pop-up menu.*

4 To add several different custom paper sizes, click **New** and repeat step 3.

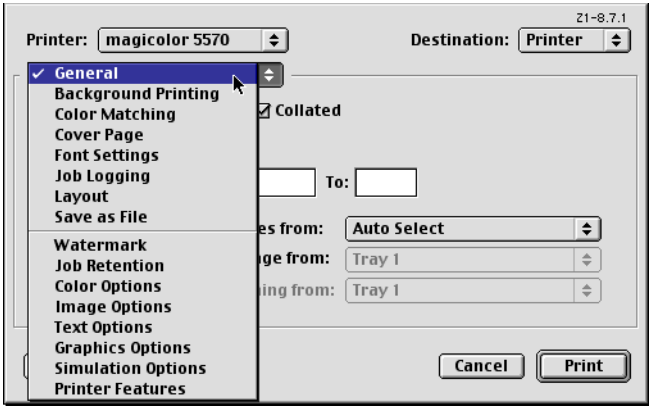
*To delete an existing custom paper size, select the custom paper size from the list on the center of the dialog box, and then click **Delete**.*

5 The custom paper size setting is saved, and the name of the custom paper size can now be selected from the **Paper** pop-up menu.

6 After you have finished entering the settings, click **OK**.

Specifying Print Settings

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.



You can specify the following options from the **Print** dialog box.

Print Dialog Box Options

Section	Description
General	This section contains options for the number of copies to be printed, the paper source, and the range of pages to be printed.
Background Printing	This section contains options for spooling the print data for background or foreground printing and the document printing time.
Color Matching	This section contains options for Color Matching.
Cover Page	This section contains for specifying cover page settings.
Font Settings	This section contains options for Font Documentation and Font Down loading.
Job Logging	This section contains options for creating a job log.
Layout	This section contains options for the number of pages per sheet of paper and other duplex printing.
Save as File	This section contains options for saving the print image as a file and for the format of saved data.
Watermark	This section contains options for watermark settings.
Job Retention	This section contains options for Job Retention.
Color Options	This section contains options for color printing.
Image Options	This section contains advanced color options for Images.
Text Options	This section contains advanced color options for Text.
Graphics Options	This section contains advanced color options for Graphics.
Simulation Options	This section contains options for Simulation Profile.

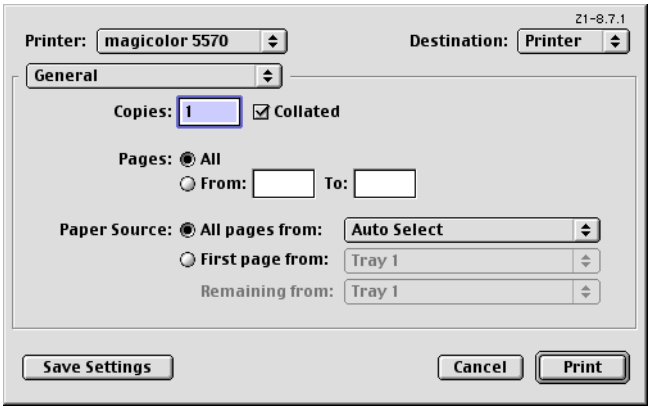
Section	Description
Printer Features	This section contains options for specifying whether or not paper of the nearest size is automatically detected when no paper tray is loaded with paper of the same size as the document and for specifying how the back of the paper is printed.

No warning message will be displayed if options that cannot be used together are selected.

Common buttons

- Cancel
  Click this button to close the Print dialog box without applying any of the settings.
- Print
  Click this button to print using the selected print options.
- Save Settings
  Click this button to save configuration changes made in the print dialog. These changes remain as the default settings until the configuration items are changed again.

General



- Copies
  This specifies the number of copies to be printed. If the **Collated** check-box is selected, all pages in the documents are printed as sets of print-outs.
  For example, if 5 is entered for **Copies** and **Collated** is selected, the document is printed five times from the first page to the last page.

  In order to use the collate function, the optional hard disk drive or a CompactFlash card of 1 GB or more must be installed.
  If a collate function is provided with the application, the setting specified from the application is given priority, and the setting specified in the printer driver is ignored.

- Pages

  All: Prints all pages in the document.

  From, to: Specifies the range of pages to be printed.

- Paper Source

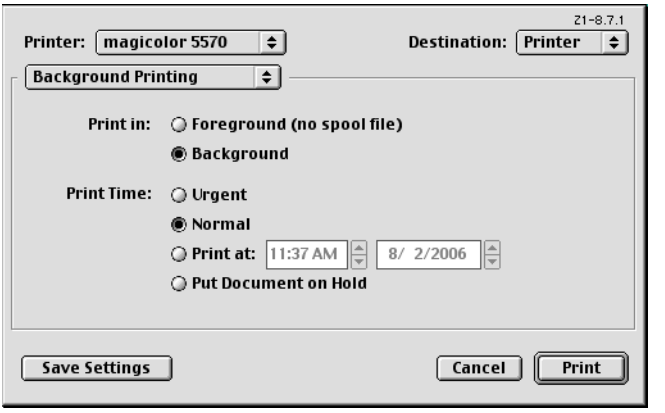
  – All pages from
  All pages in the document are printed using the paper in the specified paper tray.

  – First page from
  The first page of the document is printed on paper from a paper tray different from the tray used to print the rest of the document.

  – Remaining from
  The rest of the document is printed from the specified paper tray when the first page is to be printed on paper from a different tray.

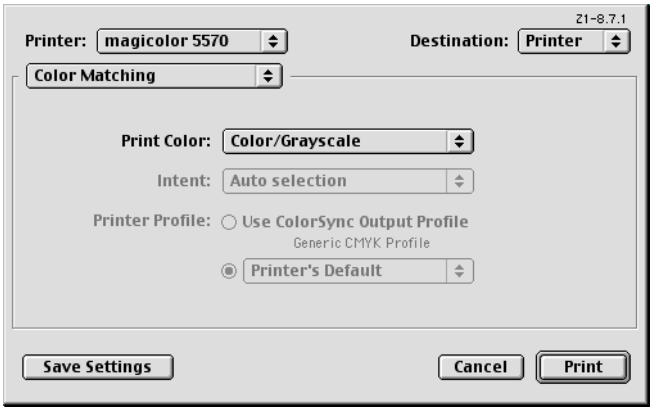
*If an optional tray is installed, select **Unit 3** or **Unit 3 + 4** under **Installable Options** (p. 49). If **Unit 3** or **Unit 3 + 4** is not selected, **Tray 3** and **Tray 4** appear in gray and cannot be selected.*

Background Printing



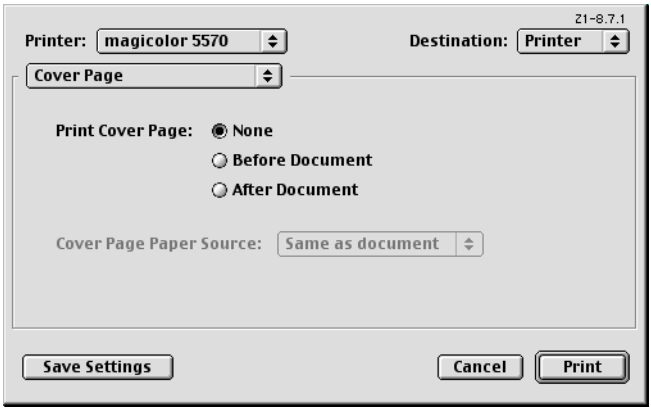
- Print in
  Allows you to choose between printing in foreground and printing in background. Printing in background creates a spool file that is temporarily saved on your computer until the print job is ready to be processed. This allows you to continue working in your applications while the print job is processing. If you don't have enough free file space on your computer to process a spool file, select Foreground printing.
- Print Time
  Allows you to assign a priority status to the print job and specify a particular time that the print job should be printed.

Color Matching



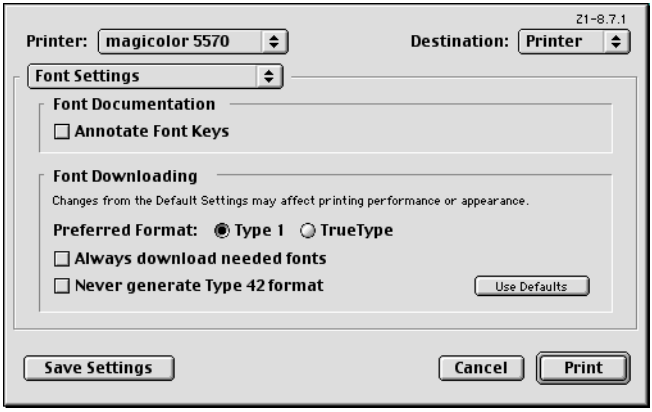
- Print Color
  Allows you to choose from the color configurations available on your computer.
- Intent
  Allows you to specify the color matching configuration or allow for automatic configuration. This item is disabled (grayed out) unless **ColorSync Color Matching** is the selected **Print Color** setting.
- Printer Profile
  Allows you to select from the printer profiles that are available.

Cover Page



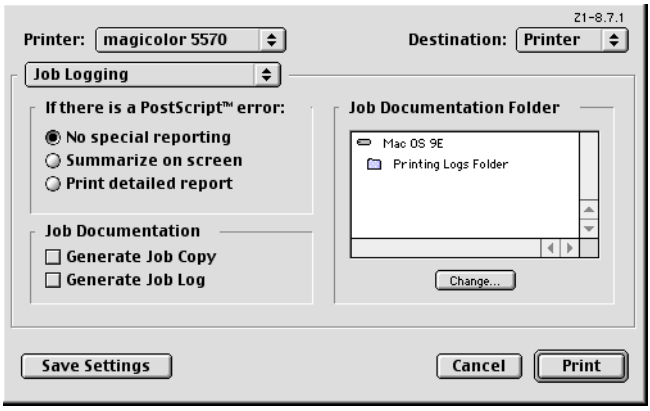
- Print Cover Page
  Allows you to set cover page before or after document.
- Cover Page Paper Source
  Allows you to select the paper tray containing the cover page media. The Cover Page contains information about the print job such as: user name, application, document name, date, time, printer, and number of pages. This option is disabled (grayed out) if **Print Cover Page** is set to **None**.

Font Settings



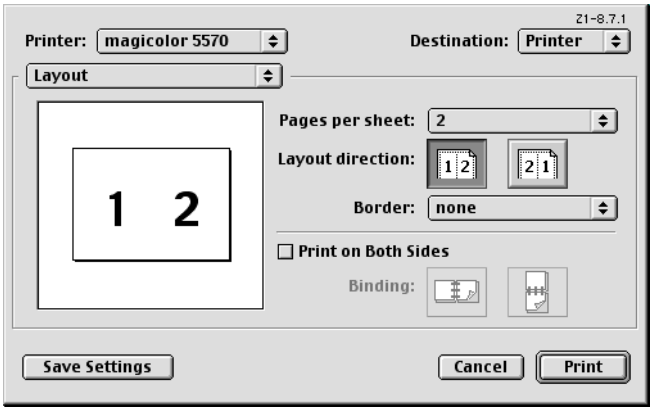
- Font Documentation
  - Annotate Font Keys:
    Allows you to determine if the font keys are annotated.
- Font Downloading
  - Preferred Format:
    Allows you to select the preferred font format.
  - Always download needed fonts:
    If selected, fonts should always be downloaded to the printer. Printer fonts are not used.
  - Never generate Type 42 format:
    If selected, Type 42 fonts are not generated.
  - Use Defaults:
    Restores factory default settings for font downloading.

Job Logging



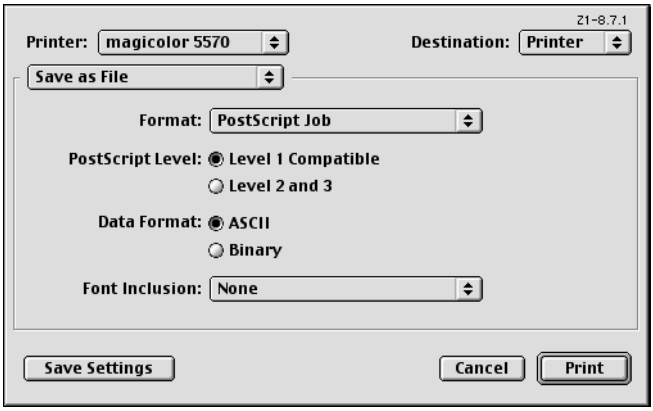
- If there is a PostScript error
  Allows you to select whether or not a report is outputted when a PostScript error occurs.
- Job Documentation
  Allows you to specify generating a job copy in the folder specified as the Job Documentation Folder, and generating a job font log following the completion of the print job.
- Job Documentation Folder
  Allows you to select the location of the Job Documentation Folder. The folder selected holds a copy of the print jobs or job information of print jobs that are configured for job documentation. Use the **Change** button to browse to and select a different folder.

Layout



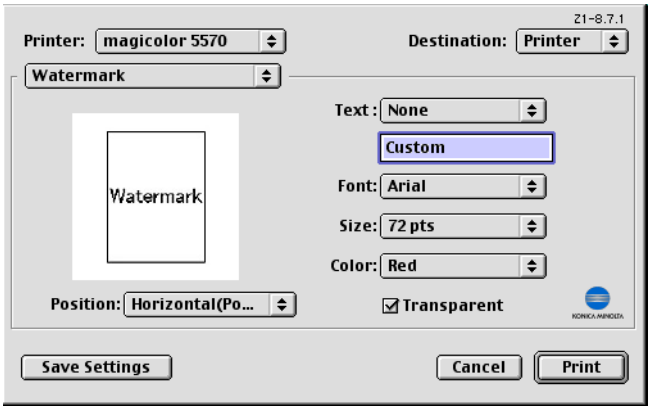
- Pages Per sheet
  Specifies the number of pages to be printed on one sheet of paper. For example, if **2** is selected, two pages are printed on one sheet of paper.
- Layout direction
  Lets you identify either left-right or right-left logical page direction on the physical sheet.
- Border
  This prints a border around the image for each of the pages printed on one sheet of paper when more than one page is printed on one sheet of paper.
- Print on Both Sides
  Allows you to configure the print job for duplex printing.
  This setting is disabled (grayed out) unless an optional duplex unit is installed.
- Binding
  Determines the orientation of the logical pages on the physical sheet so the printed media is oriented for binding on the short edge or long edge of the media.

Save as File



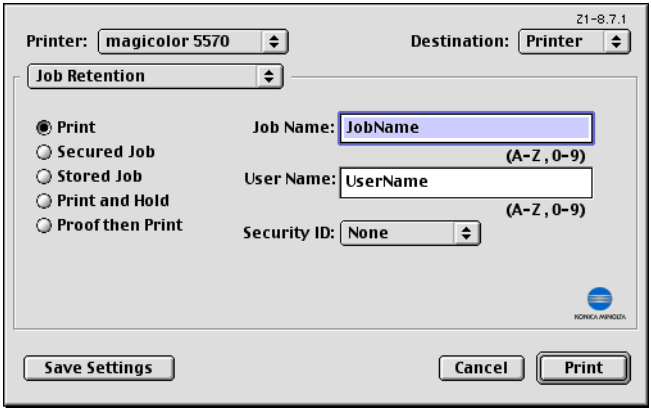
- Format
  Select the file format of the output file.
- PostScript Level
  Allows you to select from available PostScript levels.
- Data Format
  Sends the print job data to the file in either ASCII or Binary format.
- Font Inclusion
  Allows you to choose the fonts that are included with the Inclusion print job as it is saved to a file.

Watermark



- Text
  Allows you to select watermark text.
  In the text box, type in the text to appear in the watermark when Custom is selected.
- Font
  Allows you to select watermark font type.
- Size
  Allows you to select watermark font size.
- Color
  Allows you to select watermark font color.
- Transparent
  Allows you to set watermark transparency.
- Position
  Allows you to select watermark position.

Job Retention



- Job Retention
  Select type of job.
  - Print: The job is printed normally.
  - Secured Job: Printer dose not print the job without the panel operation. Printer prints the job when you input Security ID correctly. The job is deleted after all copies are printed.
  - Stored Job: Printer dose not print the job without the panel operation. You can print desired copies through the panel. You can print additional copies through the panel later. If you stored the job with securityID, you have to input it every time print job. Printer keeps the job until it is deleted intentionally.
  - Print and Hold: Printer prints all of multicopy print job, and then holds the print job in the printer's hard disk for printing additional copies. The job isn't deleted until it is intentionally deleted or the held job timeout occurs.
  - Proof then Print: Printer prints 1 copy without the panel operation. You can then print the rest of the copies through the panel. The job is deleted after the whole copies are printed.

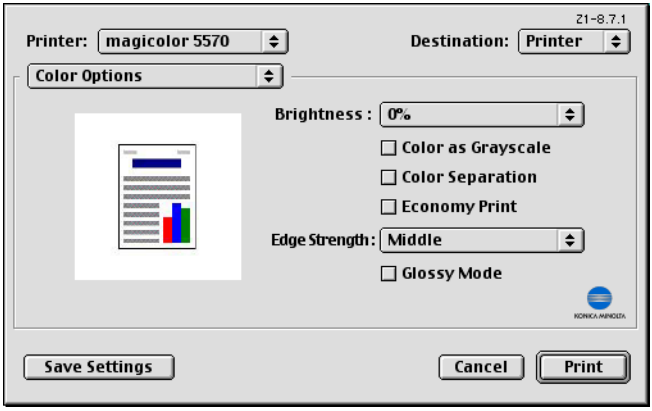
  For details on each printing procedure, refer to the magicolor 5550/5570 User's Guide.
- Job Name
  Allows you to set Job Name.
- User Name
  Allows you to set User Name.

- Security ID
  Select a Security ID to a Job.

To use Job Retention feature, the optional Hard Disk must be installed on the printer.

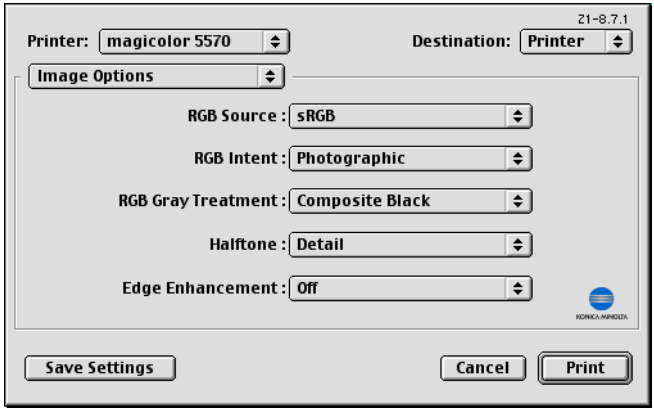
In addition, the printer must be set up with the Chooser to use the Hard Disk. For details on selecting the Hard Disk with the Chooser, refer to “Selecting the Printer in the Chooser” on page 49.

Color Options



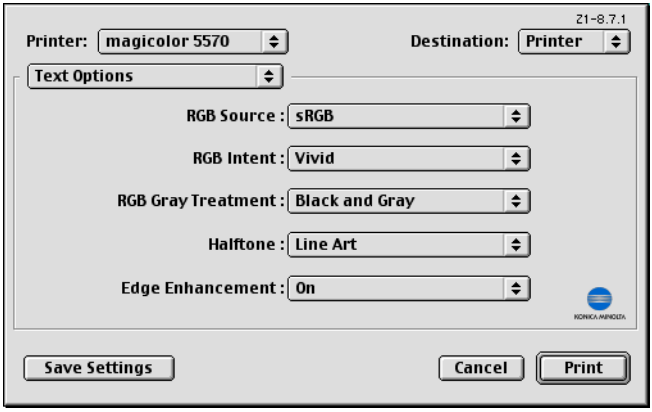
- Brightness
  Allows you to set Brightness of the image.
- Color as Grayscale
  Allows you to set Grayscale color.
- Color Separation
  Allows you to set Color Separation.
- Economy Print
  Allows you to set Economy Print Mode.
- Edge Strength
  Allows you to select Edge Strength.
- Glossy Mode
  Allows you to set Glossy Mode.

Image Options



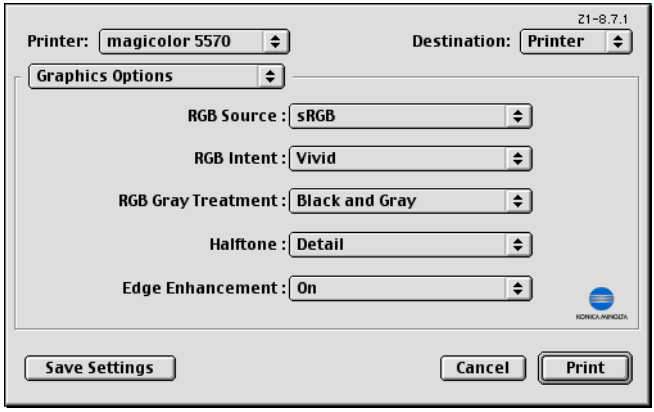
- RGB Source
  Allows you to select RGB color profiles for images.
- RGB Intent
  Allows you to select RGB intent for images.
- RGB Gray Treatment
  Allows you to select RGB gray treatment for images.
- Halftone
  Allows you to select halftone for images.
- Edge Enhancement
  Allows you to select Edge Enhancement for images.

Text Options



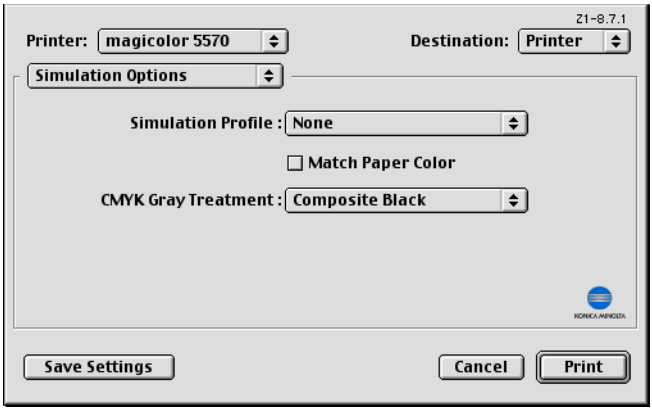
- RGB Source
  Allows you to select RGB color profiles for text.
- RGB Intent
  Allows you to select color intent for RGB text.
- RGB Gray Treatment
  Allows you to select RGB gray treatment for text.
- Halftone
  Allows you to select halftone for text.
- Edge Enhancement
  Allows you to select Edge Enhancement for text.

Graphics Options



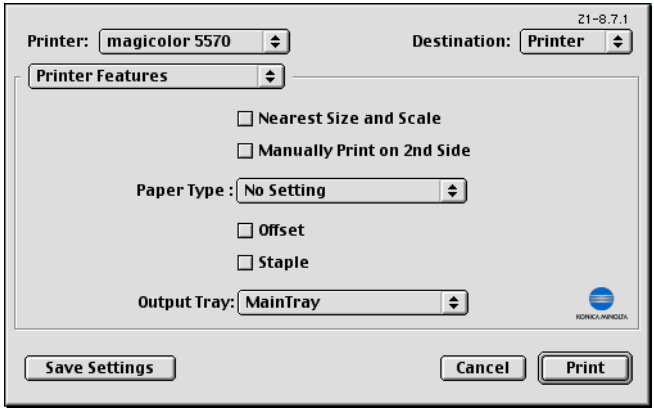
- RGB Source
  Allows you to select RGB color profiles for graphics.
- RGB Intent
  Allows you to select color intent for RGB graphics.
- RGB Gray Treatment
  Allows you to select RGB gray treatment for graphics.
- Halftone
  Allows you to select halftone for graphics.
- Edge Enhancement
  Allows you to select Edge Enhancement for graphics.

Simulation Options



- Simulation Profiles
  Allows you to select RGB color profiles for simulation.
- Match Paper Color
  Allows you to set Match Paper Color.
- CMYK Gray Treatment
  Allows you to select CMYK gray treatment.

Printer Features

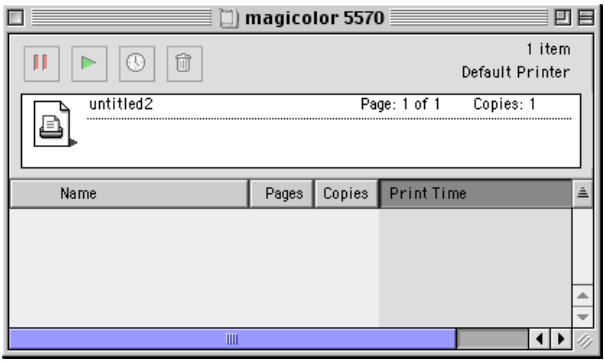


- Nearest Size and Scale
  If no paper tray contains paper of the specified size, the page is automatically enlarged or reduced and paper of the most appropriate size is selected.
- Manually Print on 2nd Side
  This feature must be set when you set paper already printed on the front side.
- Paper Type
  Select the desired paper type from the Paper Type pop-up menu.
- Offset
  Select whether or not printed pages are sorted.
- Staple
  Select whether or not to staple with the staple finisher.
- Output Tray
  Select the output tray for the staple finisher.

*If staple finisher is installed, select **Enabled** under **Installable Options**(p. 49). If **Enabled** is not selected, **Offset**, **Staple** and **Output Tray** appear in gray and cannot be selected.*

Checking Print Jobs

To check the progress of print jobs, double-click the **magicolor 5570(5550)** desktop printer icon.



In the Classic environment, Print Monitor automatically starts up, and the icon appears in the Dock. Click the Print Monitor icon to check the status of print jobs.

Troubleshooting

Symptom	Action
When printing on both sides of paper with a custom size, an error occurs.	Both sides of paper with a custom size cannot be printed on. In addition, there are limitations on the media types that can be selected. Refer to the User's Guide (CD-ROM) provided with the printer.
When printing from a Web browser, each frame is printed on a separate page.	Depending on the Web browser being used, each frame will be printed on a separate page. Try printing from a different Web browser. You can confirm it using the "preview" function of the print dialog.
Double-sided printing cannot be selected.	If the printer is connected by USB, select the installed options with the Chooser. For details on selecting options with the Chooser, refer to "Selecting the Printer in the Chooser" on page 49. In addition, there are limitations on the media types that can be selected. Refer to the User's Guide (CD-ROM) provided with the printer.
Tray 3 or Tray 4 cannot be selected.	
The error was cancelled, but the error message appeared again.	Occasionally, the error message appears a few times, even though the error was cancelled.

3 Operation on Linux

System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements.

Operating systems	Red Hat Linux 9.0, SuSE Linux 8.2
Connecting the computer and printer	USB connection, Parallel connection, Network connection (10Base-T/100Base-TX/ 1000Base-T)
RAM	More than OS recommendation (128 MB or more is recommended)
Network	LPR (queue: lp, LP, default, DEFAULT)
	AppSocket/HP JetDirect
	IPP
Available hard disk space	256 MB or more

As an example, the descriptions of the operations for Red Hat 9.0 are provided in this chapter.

Installing PPD File From the Command Line

Before proceeding with the installation, be sure to exit all running applications.

Root privileges are required in order to install ppd file.

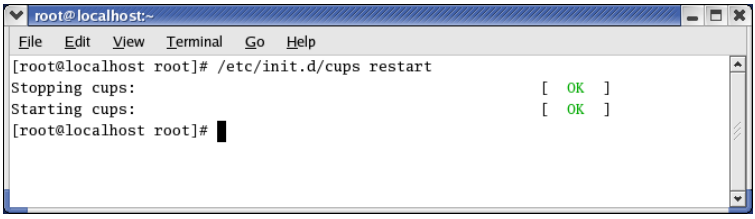
1 Copy the ppd file from the Printer Driver CD-ROM to the "/usr/share/cups/model/KONICA MINOLTA/" on the computer.

A ppd file for each language is available in the corresponding "drivers/linux/ppd/<language>" folder on the CD-ROM. Use the appropriate ppd file for the language.

When printing from OpenOffice, use M5570(5550)opn.ppd. Otherwise, use M5570(5550)PX.ppd.
For details on the procedure for printing from OpenOffice, refer to "Example Using OpenOffice" on page 93.

2 From the Main Menu, select **System Tools**, then **Terminal**.

3 Enter the command "/etc/init.d/cups restart".



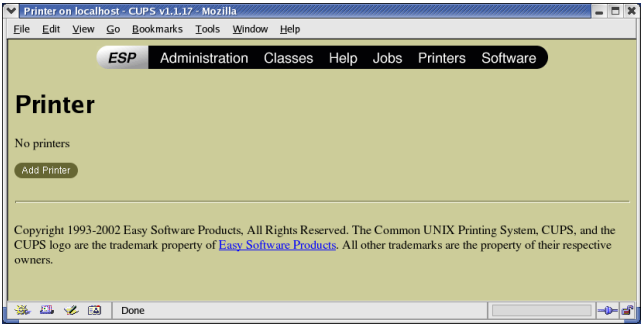
4 Quit Terminal.

Adding the Printer

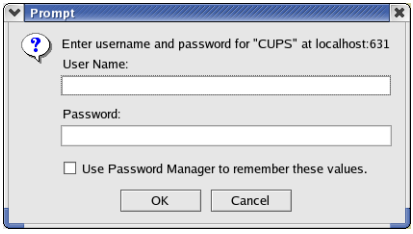
After copying the PPD file, be sure to restart CUPS.

1 Start up the Web browser.

2 Enter the URL “http://localhost:631”, and then click **Manage Printers**.
The CUPS Administration Web page appears.

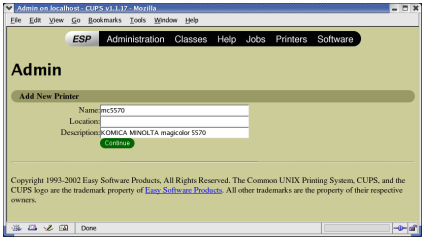


3 Click **Add Printer**.
A pop-up window appears.



4 Enter the user name and password for using root privileges, and then click **OK**.

5 Enter the printer name, location, and description, and then click **Continue**.

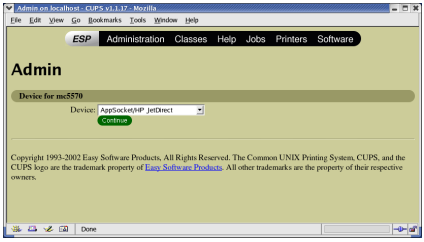


6 Select a Device Port from the Device list, then click **continue**.

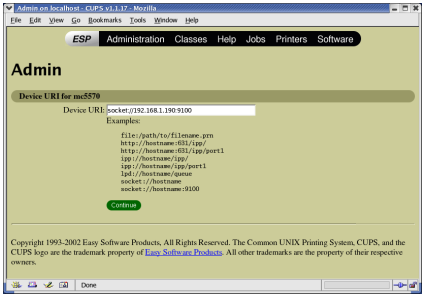
- TCP/IP: AppSocket/HP JetDirect, Internet Printing Protocol (http) or LPD/LPR Host or Printer

- USB: USB Printer #1

- Parallel: Parallel Port #1



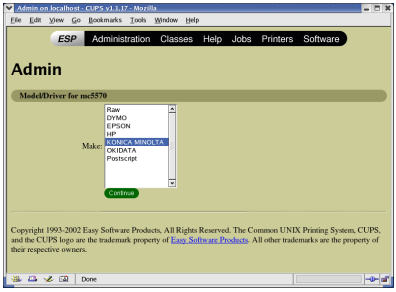
7 For a USB or parallel connection, skip to step 8. Enter the device URI in the following form: socket://<Printer IP or Printer Hostname>[:port]



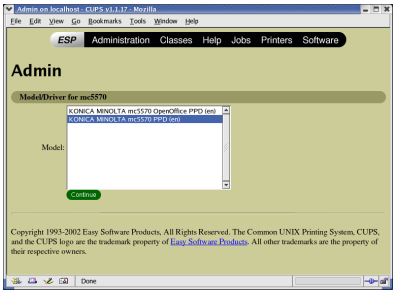
Example:
Using Printer IP - socket://192.168.1.190:9100
Using printer Hostname - socket://Hostname:9100
Hostname may be substituted by IP Address, and Port is optional.

8 Click **Continue**.

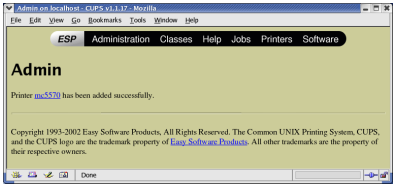
9 Select **KONICA MINOLTA**, click **Continue**.



10 Select **KONICA MINOLTA mc5570(5550) PPD (en)**, then click **Continue**.



The following message appears.



Specifying Printer Driver Settings

Displaying the Settings Page

1 Start up the Web browser.

2 Enter the URL “http://local-host:631”, and then click **Manage Printers**.
Printer on localhost.local-domain *window appears.*

3 Click **Configure Printer**.
The printer driver settings page appears.

Extra

Parameters	Settings
Brightness	Specifies the brightness of the image as **-15%**, **-10%**, **-5%**, **0%**, **5%**, **10%**, or **15%**. ■ The default setting is **0%**.
Color Separation	Specifies the color separation as **On** or **Off**. ■ The default setting is **Off**.
Economy Print	Select whether or not economy printing is used. ■ The default setting is **Off**.
Edge Strength	Set the edge strength to **Off**, **Low**, **Middle** or **High**. ■ The default setting is **Middle**.
Glossy Mode	Select whether or not Glossy Mode is used. ■ The default setting is **Off**.
Manually Print on 2nd side	Select whether or not to print on the back side of paper that has already been printed on. ■ The default setting is **Off**.
Nearest Size and Scale	If no paper tray contains paper of the specified size, the page is automatically enlarged or reduced and paper of the most appropriate size is selected. ■ The default setting is **Off**.
Offset	Select whether or not printed pages are sorted. ■ The default setting is **Off**.
Output Tray	Select the output tray for the staple finisher. ■ The default setting is **Main Tray**.
Resolution	Displays the image resolution (High Quality) for printing.

Parameters	Settings
Select Color	Specifies the color for printing as **Color** or **Grayscale**. ■ The default setting is **Color**.
Staple	Select whether or not to staple with the staple finisher. ■ The default setting is **Off**.

General

Parameters	Settings
Collate	If **On** is selected, all pages in the documents are printed as sets of printouts. ■ The default setting is **Off**.
Duplex Options	Specifies the duplex print binding position as **Simplex**, **Long Edge**, or **Short Edge**. ■ The default setting is **Simplex**
Paper Sizes	Specifies the paper size. An irregular paper size cannot be selected.
Paper Source	Specifies the paper source as **Tray 1**, **Tray 2**, **Tray 3**, **Tray 4**, **Tray 1 (Manual Feed)**, or **Auto**. ■ The default setting is **Tray 1**.
Paper Type	Specifies the paper type as **Printer Default**, **Plain Paper**, **Recycled**, **Transparency**, **Glossy, Glossy 2**, **Label**, **Thick 1 (91 - 150g/m2)**, **Thick 2 (151 - 210g/m2)**, **Letter-head**, **Envelope**, or **Postcard**. ■ The default setting is **Printer Default**.

Graphics Options

Parameters	Settings
Graphics Edge Enhancement	Select whether graphic edges are emphasized. ■ The default setting is **On**.
Graphics Halftone	Specifies the halftone for graphic as **Line Art**, **Detail** or **Smooth**. ■ The default setting is **Detail**.
Graphics RGB Gray Treatment	Specifies the RGB Gray Treatment as **Composite Black**, **Black and Gray**, or **Black Only.** ■ The default setting is **Black and Gray**.
Graphics RGB Intent	Specifies RGB intent for graphic as **Vivid**, **Photographic**, **Relative Color**, or **Absolute Color**. ■ The default setting is **Vivid**.
Graphics RGB Source	Specifies RGB source for graphic as **None**, **sRGB**, **Adobe RGB (1998)**, **Apple RGB**, **ColorMatch RGB**, or **Blue Adjust RGB**. ■ The default setting is **sRGB**.

Image Options

Parameters	Settings
Image Edge Enhancement	Select whether image edges are emphasized. ■ The default setting is **Off**.
Image Halftone	Specifies the halftone for image as **Line Art**, **Detail**, or **Smooth**. ■ The default setting is **Detail**.
Image RGB Gray Treatment	Specifies the RGB Gray Treatment as **Composite Black**, **Black and Gray**, or **Black Only**. The default setting is **Composite Black**.

Parameters	Settings
Image RGB Intent	Specifies RGB intent for image as **Vivid**, **Photographic**, **Relative Color**, or **Absolute Color**. ■ The default setting is **Photographic**.
Image RGB Source	Specifies RGB source for image as **None**, **sRGB**, **Adobe RGB (1998)**, **Apple RGB**, **ColorMatch RGB**, or **Blue Adjust RGB**. ■ The default setting is **sRGB**.

Options Installed

Parameters	Settings
Duplex Unit	Select **Enable** if the optional duplexing unit for the printer has been installed. ■ The default setting is **Disable**.
Output Tray Unit	Select **Enabled** if the output tray unit (staple finisher) is installed. Select **Disabled** if it is not installed. ■ The default setting is **Disabled**.
Paper Source Unit	Select **Unit 3** or **Unit 3 + Unit 4** if the optional trays for the printer have been installed. ■ The default setting is **Disable**.
Printer Memory	Select **256 MB**, **512 MB**, **768 MB**, or **1024 MB** if the optional memory for the printer has been installed. ■ The default setting is **256 MB**.
Storage	Select **None**, **CF (1GB Under)**, **CF (1GB Over)**, **HDD**, **HDD + CF (1GB Under)** or **HDD + CF (1GB Over)** for the storage unit that is installed. ■ The default setting is **None**.

Simulation

Parameters	Settings
CMYK Gray Treatment	Specifies simulation gray treatment as **Composite Black**, **Black and Gray**, or **Black Only**. ■ The default setting is **Composite Black**.
Match Paper Color	Specifies the Match Paper Color. ■ The default setting is **Off**.
Simulation Profile	Specifies the simulation profile as **None**, **SWOP**, **Euroscale**, **Commercial Press**, **DIC**, or **TOYO**. ■ The default setting is **None**.

Text Options

Parameters	Settings
Text Edge Enhancement	Select whether text edges are emphasized. ■ The default setting is **On**.
Text Halftone	Specifies the halftone for text as **Line Art**, **Detail**, or **Smooth**. ■ The default setting is **Line Art**.
Text RGB Gray Treatment	Specifies the RGB Gray Treatment as **Composite Black**, **Black and Gray**, or **Black Only**. ■ The default setting is **Black and Gray**.
Text RGB Intent	Specifies RGB intent for text as **Vivid**, **Photographic**, **Relative Color**, or **Absolute Color**. ■ The default setting is **Vivid**.
Text RGB Source	Specifies RGB source for text as **None**, **sRGB**, **Adobe RGB (1998)**, **Apple RGB**, **ColorMatch RGB**, or **Blue Adjust RGB**. ■ The default setting is **sRGB**.

Banners

Parameters	Settings
Starting Banner	Specifies the starting banner as **none**, **classified**, **confidential**, **secret**, **standard**, **topsecret**, or **unclassified**. ■ The default setting is **none**.
Ending Banner	Specifies the ending banner as **none**, **classified**, **confidential**, **secret**, **standard**, **topsecret**, or **unclassified**. ■ The default setting is **none**.

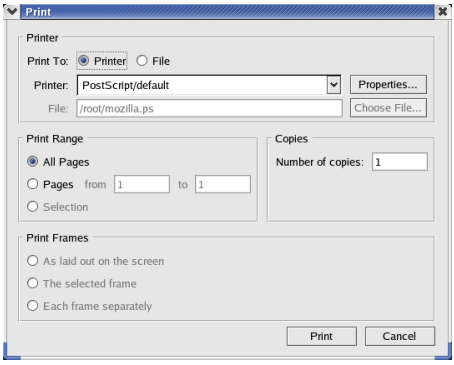
Printing a Document

The contents and available options that appear in the print dialog box may vary depending on the application being used.

Example Using LPR Command

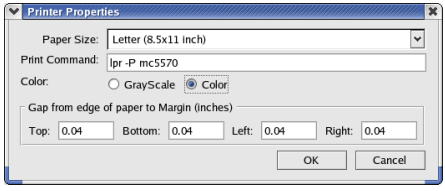
With applications other than OpenOffice, the following print dialog box appears.

1 Click **Properties** in the Print dialog box.



2 The Print Properties dialog box appears.

3 Enter the command “lpr -P” followed by the name of the printer, and then click **OK**. The Print dialog box appears again.



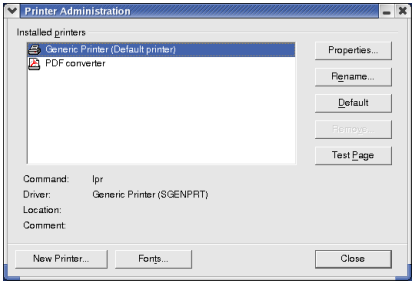
4 Click **Print** to print the document.

Example Using OpenOffice

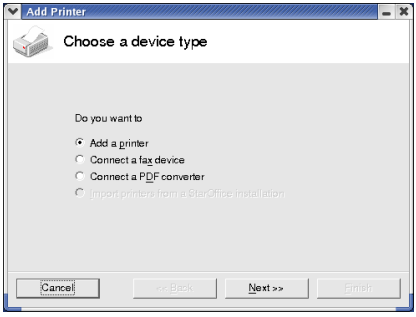
The procedure for printing on Red Hat 9 with OpenOffice 1.0.2 is described below. The following procedure or some steps may be different depending on the version of the operating system being used.

First, use M5570(5550)PX.ppd to add the printer to the system. For details on adding a printer to the system, refer to "Installing PPD File From the Command Line" on page 81.

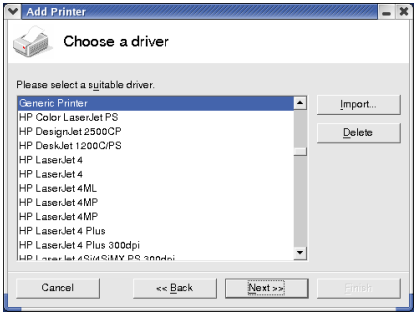
1 From the main menu, select **Office**, then **OpenOffice.org Printer Setup**.
The printer Administration dialog box appears.



2 Click **New Printer**.
The Add Printer dialog box appears.



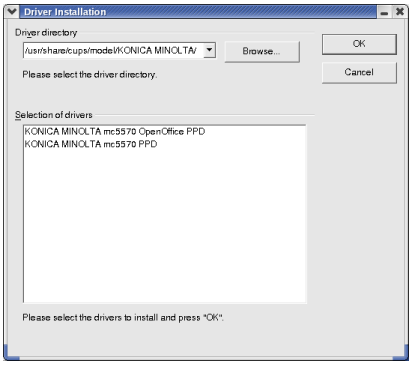
3 Check that **Add a printer** is selected, and then click **Next**.
The printer selection list appears.



4 Click **Import**.

Driver Installation dialog box appears.

5 Enter “/usr/share/cups/model/KONICA MINOLTA/” in the driver directory.

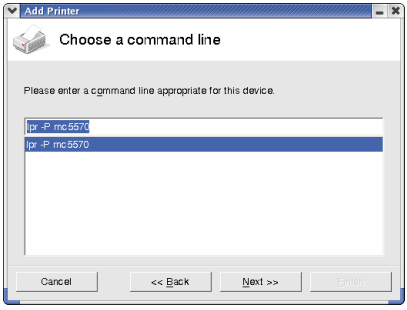


6 In the Selection of drivers list, select **KONICA MINOLTA mc5570(5550) OpenOffice PPD**.

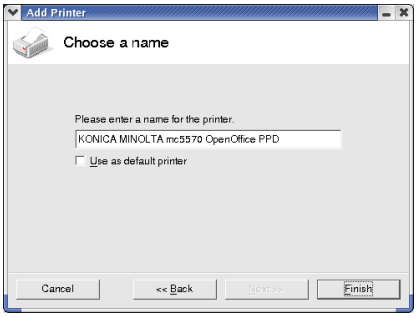
7 Click **OK**.

8 Select **KONICA MINOLTA mc5570(5550) OpenOffice PPD**, and then click **Next**.

9 Select the command to be displayed in the list, then click **Next**.



10 Change the printer name.

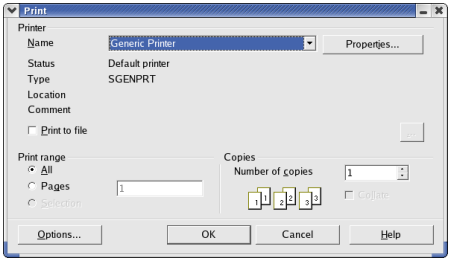


11 Click **Finish**. The Printer Administration dialog box appears again.

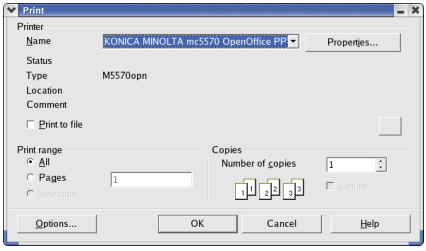
12 Click **Close**.

13 From the main menu, select **Office**, then **OpenOffice.org Writer**.

14 Click **Print** in the **File** menu.
The Print dialog box appears.



15 Select the name of the printer specified in the **OpenOffice** printer settings.



16 Click **OK**.

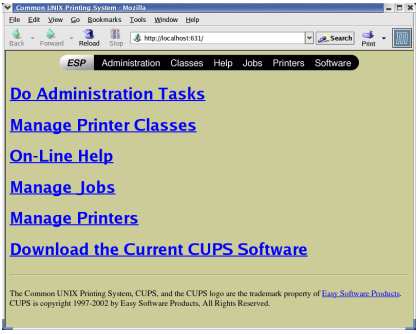
The kprinter Print dialog box appears.

Checking Print Jobs

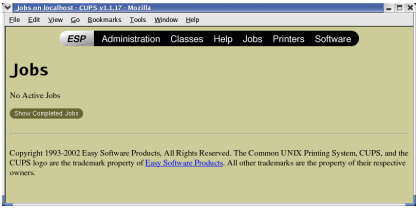
You can check the status of print jobs from a Web browser.

1 Start up the Web browser.

2 Enter the URL “http://local-host:631”.
The CUPS Administration Web page appears.



3 Click **Manage Jobs**.
A list of the currently active print jobs appear.



*To check the status of completed print jobs, click **Show Complete Jobs**.*

Symptom	Action
The printer stops because of a paper size error or a paper type error.	The job may have been sent with a prohibited combination of settings (for example, for the paper size and media type). Printing is not possible with postcards or overhead projector transparencies if **Plain Paper** is selected.
Printing does not continue with a custom paper size.	Printing with custom paper sizes is not possible directly from the printer driver. This can only be performed from the command line. Specify the following command to print data. lpr -P *[printer_name]* -o media=Custom.[WIDTHxLENGTH] *[file_name]* 1. Format of Custom. [WIDTHxLENGTH]: Custom.150x200mm, Custom.8x11in, Custom.15x20cm, or Custom.612x782 (postscript points) 2. The specified file must be a PS, PDF or JPEG file.
Printing cannot be completed correctly from OpenOffice or any other Office application (such as, Kword).	Applications running under Linux have their own print settings. Some of these functions may not be supported by this printer. Observe the following for best printing results. ■ Settings made within the application: Paper size and orientation ■ Settings made with the printer driver (kprinter): Settings other than those specified above (for example, paper type, tray, and resolution)
When printing from Acrobat Reader, part of the image is printed in solid black or the job is interrupted.	There is a compatibility problem between Ghostscript and Acrobat Reader. Try using a different PDF application.
Watermarks cannot be printed from Kword.	This is a bug with Kword. Use Overlay instead.

Printer Utilities

4

Installing Printer Utilities on Windows

You must have administrator privileges in order to install the Printer Utilities.

Before proceeding with the installation, be sure to exit all running applications.

The following procedure describes how to install the Printer Utilities.

- Status Monitor
- PageScope Direct Print
- Download Manager Utility
- PageScope Network Setup
- Crown Print Monitor+
- PageScope Peer to Peer Printing Tool
- PageScope Net Care
- PageScope Plug and Print

1 Insert “magicolor 5570(5550) Utilities & Documentation” CD-ROM in your CD/DVD-ROM drive.

2 Select from the Introduction dialog.

3 From the Main Menu dialog, select **Utilities**.

4 From the Printer Utilities 1/2 and 2/2 dialogs, select the utilities to be installed.

Click and to display a different page.

5 Follow the onscreen instructions to complete the installation.

6 When the Information message box appears, select **Finish**.

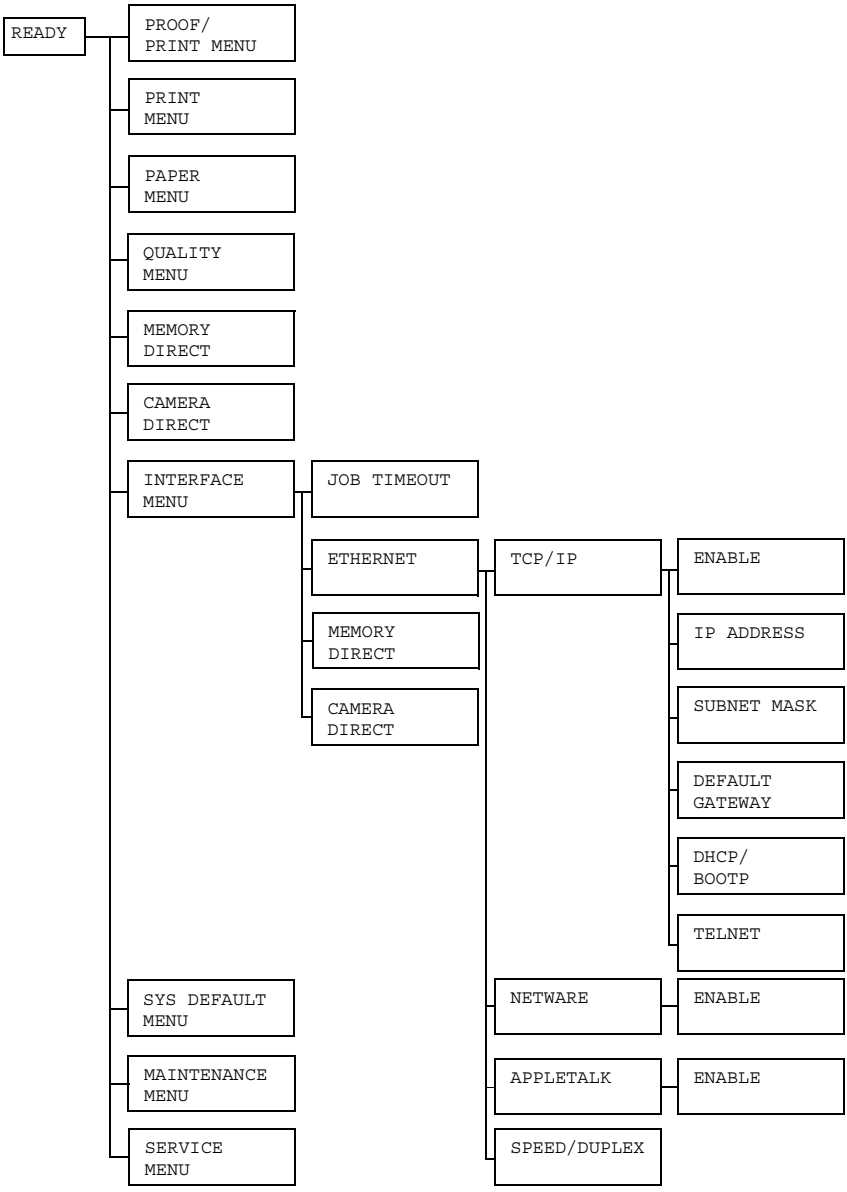
7 After the installation is complete, remove the Utilities & Documentation CD-ROM from your CD/DVD-ROM drive and store it in a safe place.

5

Understanding the Ethernet Configuration Menus

Ethernet Menu

Location within the Configuration Menu



Accessing the Ethernet Menu

Use the following series of keystrokes at the printer to access the Ethernet menu options on your printer. This menu provides access to all of the configurable network items.

Press this key . . .	**(until) the message window reads.** . .
* Menu Select ↵	PROOF/PRINT MENU or if no optional hard disk is installed: PRINT MENU
▽	INTERFACE MENU
* Menu Select ↵	JOB TIMEOUT
▽	ETHERNET
* Menu Select ↵	TCP/IP

After the Ethernet settings are changed, the printer automatically reboots.

Using the Network Menu Options

If the printer is connected to a network, the following settings should be specified. For details about each setting, contact your network administrator.

When manually setting the IP address, Subnet Mask, and Gateway turn off DHCP first.

TCP/IP

ENABLE

Purpose	Enables or disables TCP/IP. If YES is selected, TCP/IP is enabled. If NO is selected, TCP/IP is disabled.
Options	YES NO
Default	YES

IP ADDRESS

Purpose	Sets the IP address of this printer on the network.
Range	0–255 for each *xxx* triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	000.000.000.000

SUBNET MASK

Purpose	Sets the subnet mask value of the network. The subnet mask allows you to limit access to your printer (for example, according to departmental divisions).
Range	0–255 for each *xxx* triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	000.000.000.000

DEFAULT GATEWAY

Purpose	Sets the address of the router/gateway if a router/gateway is used on your network and you allow users outside your network environment to print on your printer.
Range	0–255 for each *xxx* triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	000.000.000.000

DHCP/BOOTP

Purpose	If there is a DHCP or BOOTP server on the network, specifies whether the IP address and other network information is automatically assigned by the DHCP or BOOTP server.
Options	ON OFF
Default	ON

TELNET

Purpose	Select whether to enable or disable Telnet transmissions. When ENABLE is selected, Telnet transmissions are enabled. When DISABLE is selected, Telnet transmissions are disabled.
Options	ENABLE DISABLE
Default	ENABLE

NetWare

ENABLE

Purpose	Enables or disables NetWare. If YES is selected, NetWare is enabled. If NO is selected, NetWare is disabled.
Options	YES NO
Default	YES

AppleTalk

ENABLE

Purpose	Enables or disables AppleTalk. If YES is selected, AppleTalk is enabled. If NO is selected, AppleTalk is disabled.
Options	YES NO
Default	YES

Speed/Duplex

Purpose	Specifies the transmission speed for the network and the transmission method for bi-directional transmission.
Options	AUTO 10BASE FULL 10BASE HALF 100BASE FULL 100BASE HALF 1000BASE FULL
Default	AUTO

Network Printing

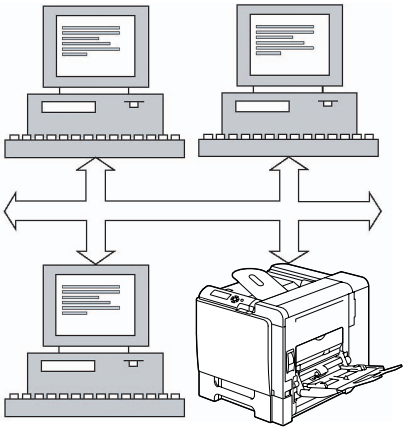
6

Network Connection

Theory

To connect your printer in a TCP/IP network environment, you must make sure that the internal network addresses in the printer have been set.

In many cases, you have to enter only a unique IP address. However, you may also have to enter a subnet mask and/or a gateway (router) address, depending on your network configuration requirements.



Making the Connection

Ethernet Interface

An RJ45 connector can be used as the Ethernet interface for this printer.

When connecting your printer to an Ethernet network, the tasks you perform depend on how you plan to set the printer's IP (Internet Protocol) address. Printers are shipped with a preset IP address, subnet mask, and gateway.

- **IP Address**—A unique identifier for each device on a TCP/IP network.
- **Subnet Mask**—A filter used to determine what subnet an IP address belongs to.
- **Gateway**—A node on a network that serves as an entrance to another network.

Since the IP address for each PC and printer on your network must be unique, you usually need to modify this preset address so it doesn't conflict with any other IP address or your network or any attached network. You can do this in one of two ways. Each is explained in detail in the following sections.

- Using DHCP
- Setting the address manually

Using DHCP

If your network supports DHCP (Dynamic Host Configuration Protocol), the printer's IP address will be automatically assigned by the DHCP server when you turn on the printer. (Refer to "Network Printing" on page 117 for a description of DHCP.)

If your printer is not automatically assigned an IP address, verify that DHCP is enabled on the printer (`PRINT MENU - CONFIGURATION PG`). If it is not enabled, you can enable it in the `INTERFACE MENU - ETHERNET - TCP/IP - DHCP/BOOTP` menu.

1 Connect your printer to the network.

When using an Ethernet cable, plug the RJ45 connector into the Ethernet interface port of the printer.

2 Turn on your PC and printer.

3 When the printer's message window displays READY, print a configuration page to verify that the IP address is set.

Press this key . . .	(until) the message window displays . . .
	READY
* Menu Select ↵	RPOOF/PRINT MENU or if no optional hard disk is installed: PRINT MENU
▽	PRINT MENU
* Menu Select ↵	CONFIGURATION PG
* Menu Select ↵	PRINT

4 Install the printer driver and utilities.

If the printer cannot be connected to a DHCP server, an IP address within the range between 169.254.0.0 and 169.254.255.255 is automatically set.

Setting the Address Manually

You may also manually change the printer's IP address, subnet mask, and gateway by using the following instructions. (See chapter 5, "Understanding the Ethernet Configuration Menus," for more information.)

When manually setting the IP address, turn off DHCP and BOOTP first. In addition, when the IP address is changed, add a new port or reinstall the printer driver.

CAUTION

You should always notify your network's administrator before changing the printer's IP address.

1 Turn on your PC and printer.

2 When the printer's message window displays READY, set the IP address.

Press this key . . .	(until) the message window reads . . .
	READY
* Menu Select ↵	PROOF/PRINT MENU or if no optional hard disk is installed: PRINT MENU
▽	INTERFACE MENU
* Menu Select ↵	JOB TIMEOUT
▽	ETHERNET
* Menu Select ↵	TCP/IP

Press this key . . .	(until) the message window reads . . .
* Menu Select ↵	ENABLE
▽	IP ADDRESS
* Menu Select ↵	IP ADDRESS 000.000.000.000
Use the ▷ and ◁ keys to move to each of the four number triplets. Use the △ and ▽ keys to increase or decrease each number.	
* Menu Select ↵	IP ADDRESS

3 If you don't want to set the subnet mask or gateway, go to step 5.

If you don't want to set the subnet mask, but you do want to set the gateway, go to step 4.

If you want to set the subnet mask, follow these steps.

Press this key . . .	(until) the message window displays . . .
▽	SUBNET MASK
* Menu Select ↵	SUBNET MASK 000.000.000.000

Press this key . . .	(until) the message window displays . . .
Use the ▷ and ◁ keys to move to each of the four number triplets. Use the △ and ▽ keys to increase or decrease each number.	
* Menu Select ↵	SUBNET MASK

4 If you don't want to set the gateway, go to step 5.

If you want to set the gateway, follow these steps.

Press this key . . .	(until) the message window displays . . .
▽	DEFAULT GATEWAY
* Menu Select ↵	DEFAULT GATEWAY 000.000.000.000
Use the ▷ and ◁ keys to move to each of the four number triplets. Use the △ and ▽ keys to increase or decrease each number.	
* Menu Select ↵	DEFAULT GATEWAY

5 Save your configuration changes and make the printer ready for printing again.

Press this key . . .	(until) the message window displays . . .
Cancel	Press the Cancel key 2 times to reboot the printer

6 After rebooting the printer, print a configuration page to verify that the correct IP address, subnet mask, and gateway have been set.

Press this key . . .	(until) the message window displays . . .
	READY
* Menu Select ↵	RPOOF/PRINT MENU or if no optional hard disk is installed: PRINT MENU
▽	PRINT MENU
* Menu Select ↵	CONFIGURATION PG
* Menu Select ↵	PRINT

7 Install the printer driver and utilities.

Network Printing

Network printing terms are described below.

- AppleTalk
- Bonjour
- BOOTP
- DDNS
- DHCP
- FTP
- HTTP
- IPP
- IPX/SPX
- LPD/LPR
- SLP
- SNMP
- Port9100
- SMTP

This chapter contains descriptions on the network printing terms and the IPP printing methods.

AppleTalk

A generic name for the protocol suite developed by Apple Computer for computer networking.

Bonjour

Macintosh network technology for automatically detecting devices connected to the network and for specifying settings. Previously called “Rendezvous”, the name was changed to “Bonjour” starting with Mac OS X v10.4.

BOOTP

BOOTP (Bootstrap Protocol) is an Internet protocol that enables a diskless workstation to discover (1) its own IP address, (2) the IP address of a BOOTP server on the network, and (3) a file that can be loaded into memory to boot the workstation. This enables the workstation to boot without requiring a hard or floppy disk drive.

DDNS (Dynamic DNS)

DDNS (Dynamic Domain Name System) is technology for automatically assigning dynamically assigned IP addresses to fixed domains.

The recent availability of always-on Internet connections has resulted in an increased number of users turning their home computers into publicly accessible Web servers. The IP address supplied by the Internet service provider changes with each connection, complicating public access to the Internet.

By using a DDNS service, home computers can normally be accessed with a fixed host name.

DHCP

DHCP (Dynamic Host Configuration Protocol) is a protocol for assigning dynamic IP addresses to devices on a network. With dynamic addressing, a device can have a different IP address every time it connects to the network. In some systems, the device's IP address can even change while it is still connected. DHCP also supports a mix of static and dynamic IP addresses. Dynamic addressing simplifies network administration because the software keeps track of IP addresses rather than requiring an administrator to manage the task. This means that a new computer can be added to a network without the hassle of manually assigning it a unique IP address.

FTP

Abbreviation for File Transfer Protocol. A protocol for transferring files over the Internet or an intranet on the TCP/IP network.

HTTP

HTTP (HyperText Transfer Protocol) is the underlying protocol used by the World Wide Web. It defines how messages are formatted and transmitted, and what actions web servers and browsers should take in response to various commands. For example, when you enter a URL in your browser, this actually sends an HTTP command to the Web server directing it to fetch and transmit the requested web page.

IPP

IPP (Internet Printing Protocol) is a protocol for end users' most common printing situations over the Internet. It allows users to find out about a printer's capabilities, submit print jobs to a printer, determine the status of the printer or print job, and cancel a previously submitted print job.

For more information on using IPP, See "Printing via IPP (Internet Printing Protocol) – Windows Server 2003/XP/2000" on page 121.

IPX/SPX

IPX/SPX (Internetwork Packet Exchange/Sequenced Packet Exchange) is a networking protocol developed by Novell. It was used mainly in Netware environments as the general LAN protocol, where TCP/IP has become widespread.

LPD/LPR

LPD/LPR (Line Printer Daemon/Line Printer Request) is a platform-independent printing protocol that runs over TCP/IP. Originally implemented for BSD UNIX, its use has spread into the desktop world and is now an industry standard.

SLP

Traditionally, in order to locate services on the network, users had to supply the host name or network address of the machine providing the desired service. This has created many administrative problems.

However, SLP (Service Location Protocol) simplifies the discovery and use of network resources such as printers by automating a number of network services. It provides a framework that allows networking applications to discover the existence, location, and configuration of networked services.

With SLP users no longer need to know the names of network hosts. Instead, they need to know only the description of the service they are interested in. Based on this description, SLP is able to return the URL of the desired service.

Unicast, Multicast, and Broadcast

SLP is a unicast and a multicast protocol. This means that messages can be sent to one agent at a time (unicast) or to all agents (that are listening) at the same time (multicast). However, a multicast is not a broadcast. In theory, broadcast messages are “heard” by every node on the network. Multicast differs from broadcast because multicast messages are only “heard” by the nodes on the network that have “joined the multicast group.”

For obvious reasons network routers filter almost all broadcast traffic. This means that broadcasts that are generated on one subnet will not be “routed” or forwarded to any of the other subnets connected to the router (from the router’s perspective, a subnet is all machines connected to one of its ports). Multicasts, on the other hand, are forwarded by routers. Multicast traffic from a given group is forwarded by routers to all subnets that have at least one machine that is interested in receiving the multicast for that group.

SNMP

SNMP (Simple Network Management Protocol) is actually a set of protocols for managing complex networks. SNMP works by sending messages to different parts of a network. SNMP-compliant devices, called agents, store data about themselves in Management Information Bases (MIBs) and return this data to the SNMP requesters.

Port 9100

When printing through a network, TCP/IP port number 9100 can be used to send raw data.

SMTP

SMTP (Simple Mail Transfer Protocol) is a protocol for sending e-mail.

This protocol was originally used to send e-mail between servers; however, currently client e-mail software use it to also send e-mail to servers using POP.

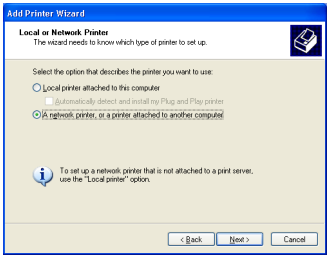
Printing via IPP (Internet Printing Protocol) – Windows Server 2003/XP/2000

Adding an IPP Port using Add Printer Wizard

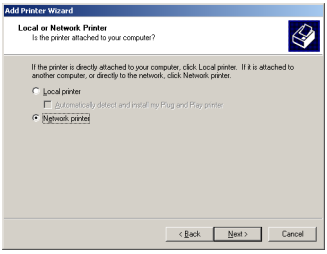
- For Windows Server 2003/XP: Click **Start**, select **Printers and Faxes**, and then click **Add Printer**.
- For Windows 2000: Click **Start**, point to **Settings**, click **Printers**, and then click **Add Printer**.

1 In the second dialog box select the **Network Printer** radio button and then choose **Next**.

Windows Server 2003/XP



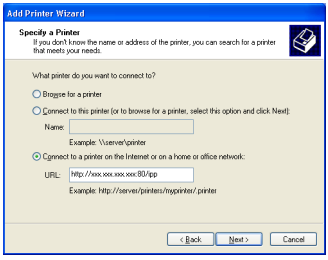
Windows 2000



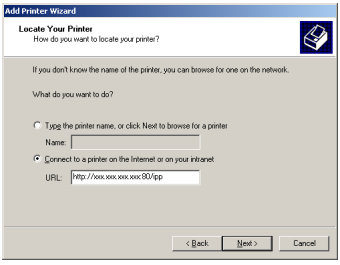
2 In the URL field in the next dialog box enter the printer's network path-name in one of the following formats and then choose **Next**:

- http://*ipaddress*/ipp
- http://*ipaddress*:80/ipp
- http://*ipaddress*:631/ipp

Windows Server 2003/XP



Windows 2000



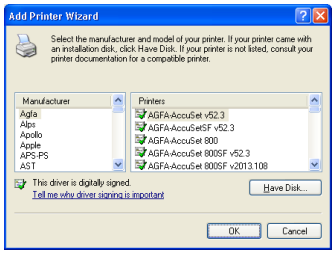
- **Windows Server 2003/XP**—"Windows cannot connect to the printer. Either the printer name was typed incorrectly, or the specified printer has lost its connection to the server. For more information, click **Help**."

- **Windows 2000**—“Could not connect to the printer. You either entered a printer name that was incorrect or the specified printer is no longer connected to the server. Click **Help** for more information.”

3 **Windows Server 2003/XP**—Go to step 4.

Windows 2000—If you entered a valid path in the previous step, the following message displays: “The server on which the KONICA MINOLTA magicolor 5570(5550) printer resides does not have the correct printer driver installed. If you want to install the driver on your local computer, click **OK**.” The reason for this is that you do not yet have a printer driver installed. Choose **OK**.

4 Choose **Have Disk**, locate the directory on the CD-ROM where the printer driver files are located (for example, drivers\windows 2000, XP, 2003\ps\english), and then choose **OK**.



5 Finish installing the printer driver.

Symptom	Action
Some client functions are not available with the Point and Print feature when the server is running Windows XP/Server 2003/2000 and the client computer is running Windows NT 4.0.	Install the printer driver directly on the client computer.

7

Using Crown Print Monitor+

Adding a Crown Port After Installing Crown Print Monitor+

After Crown Print Monitor+ is installed, a Crown port can be added by following the procedure described below.

The following procedure provides a description when Crown Print Monitor+ is already installed on the computer.

For Windows XP, 2000 and NT 4.0:

1 Click **Start**, and then click **Printers and Faxes**.

*For Windows 2000 and Windows NT 4.0, click **Start**, point to **Settings**, and then click **Printers**.*

2 Right-click the printer icon, and then click **Properties**.

*The **Properties** dialog box for the printer appears.*

3 Click the **Ports** tab.

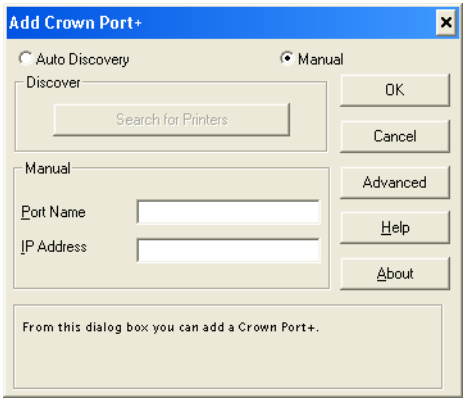
4 Click **Add Port**.

*The **Printer Ports** dialog box appears.*

5 From the **Available port types** list, select **Crown Port+**, and then click **New Port**.

*The **Add Crown Port+** dialog box appears.*

*For Windows NT 4.0, select **Crown Port+** from the **Available Printer Ports** list.*



6 In the **IP Address** text box, type the IP address for the printer.

For this address, type in a unique host name or the dot notation identifier (IP address) for the printer.

The printer search function is not supported with this printer.

7 In the **Port Name** text box, type the logical name of the port.

The logical name of the port is the description identifier for the port. Each port name must be unique.

A maximum of 128 characters can be entered for the port name.

*If nothing is entered in the IP Address text box, the text entered in the **Port Name** text box is added to the IP Address text box. Change the text as necessary.*

8 Click **OK**.

*Click **Advanced** to display the **Configure Crown Port+** dialog box, and then specify the advanced settings for the Crown port. For details, refer to "Configure Crown Port+" on page 129.*

9 In the **Printer Ports** dialog box, click Close.

10 In the Properties dialog box for the printer, click Close.

*For Windows NT 4.0, click **OK**.*

For Windows Me and 98 SE:

1 Click **Start**, point to Settings, and then click **Printer**.

2 Right-click the printer icon, and then click **Properties**.

*The **Properties** dialog box for the printer appears.*

3 Click the **Details** tab.

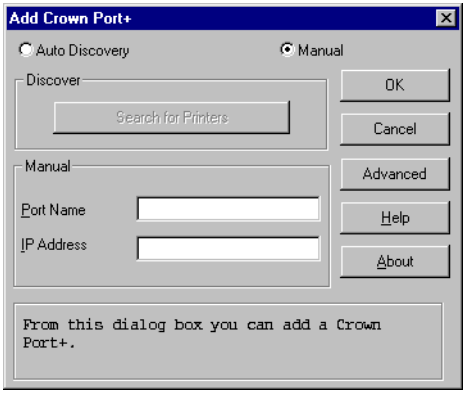
4 Click **Add Port**.

*The **Add Port** dialog box appears.*

5 Select **Other**, and then select **Crown Port+** from the **Click the type of port you want to add** list.

6 Click **OK**.

*The **Add Crown Port+** dialog box appears.*



7 In the **IP Address** text box, type the IP address for the printer.

For this address, type in a unique host name or the dot notation identifier (IP address) for the printer.

The printer search function is not supported with this printer.

8 In the **Port Name** text box, type the logical name of the port.

The logical name of the port is the description identifier for the port. Each port name must be unique.

A maximum of 128 characters can be entered for the port name.

*If nothing is entered in the **IP Address** text box, the text entered in the **Port Name** text box is added to the **IP Address** text box. Change the text as necessary.*

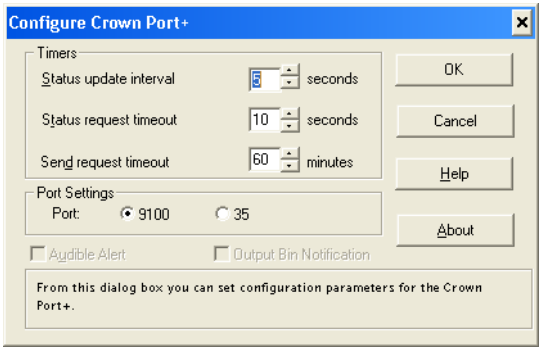
9 Click **OK**.

*Click **Advanced** to display the **Configure Crown Port+** dialog box, and then specify the advanced settings for the Crown port. For details, refer to "Configure Crown Port+" on page 129.*

10 In the **Properties** dialog box for the printer, click **OK**.

Configure Crown Port+

In the **Configure Crown Port+** dialog box, specify the advanced settings for the Crown port.



Parameter	Default Setting	Description
Status update interval	5 seconds	Specify the interval that Crown Print Monitor+ updates the print manager with the status of the printer connected to this port.
Status request timeout	10 seconds	Specify the length of time to wait for an answer from the printer until Crown Print Monitor+ notifies the print manager that there is no response from the printer.

Parameter	Default Setting	Description
Send request timeout	60 minutes	Specify the length of time to wait for the print job to be sent until Crown Print Monitor+ returns the command to the Microsoft Print Spooler. *If the job has been sent through a Windows 2000/NT4 server and the time specified with the timer is exceeded, the print job is automatically stopped and deleted from the system.* *If the job has been sent through a workstation and the time specified with the timer is exceeded, the Windows XP/2000/NT4 Print Spooler appears and displays a message, requesting confirmation to attempt answering again or to cancel the operation. Whether or not there is an answer, the print job is stopped and deleted from the system.*
Port Settings	9100	Select **9100**. *Port 35 is not supported by this printer.*

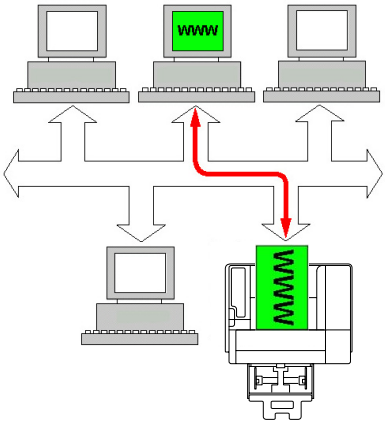
8

Using PageScope Web Connection

About PageScope Web Connection

This chapter provides information on PageScope Web Connection, an HTTP (HyperText Transfer Protocol)-based web page that resides in your printer and that you can access using your Web browser.

This page gives you instant access to printer status and the most frequently used printer configuration options. Anyone on your network can access the printer using their web browser software. In addition, with the proper password, you can change the configuration of the printer without leaving your PC.



Users who are not given passwords by the administrator can still view the configuration settings and options but are not able to save or apply changes.

Display Language

The language used in the PageScope Web Connection screens is specified from the printer's control panel. For details on specifying the display language, refer to the User's Guide (CD-ROM) provided with the printer.

In addition, the language can be selected from the **Language** drop-down list in PageScope Web Connection.

Requirements

To use PageScope Web Connection, the following is required:

- Windows Server 2003/XP/2000/Me/98SE/NT4.0, Mac OS 9/X 10.2 and later, Linux
- Microsoft Internet Explorer version 5.5 or later
  Netscape Navigator version 7.1 or later

  You do not need an Internet connection.
- TCP/IP communication software (used by PageScope Web Connection) installed on your PC
- A network, to which both your PC and the printer are connected

You cannot access PageScope Web Connection using a local (USB or Parallel) connection. If your PC and printer are connected via a USB cable, use the Status Display.

Setting Up the Printer Web Page

Setting up the printer web page to run on your network involves two basic steps:

- Determining the name or address of your printer
- Setting up the “no proxy” preferences in your browser software

Determining the Printer Name

The printer web page can be accessed in two ways:

The printer names can also be determined via WINS if the network supports it.

- Through the assigned name of the printer—This name comes from the IP host table (the filename is **hosts**) on the computer system and is usually assigned by the system administrator (for example, magicolor 5570(5550)). It may be more convenient for you to use the printer name than the IP address.

  Location of the Host Table on the PC

  - Windows Server 2003/XP \windows\system32\drivers\etc\hosts
  - Windows Me/98SE \windows\hosts
  - Windows 2000/NT4.0 \winnt\system32\drivers\etc\hosts

- Through the printer’s IP address—The IP address of your printer is a unique number and, therefore, may be the preferred identification to enter, especially if you have more printers active in your network. The printer’s IP address is listed on the configuration page.

  Location of the Configuration Page in the Printer’s Configuration Menu

  - `PRINT MENU - CONFIGURATION PG` menu

Setting Up Your Browser Software

Since your printer resides on your intranet and is not accessible beyond the firewall of your network, you must set up the proper “preferences” in your browser software. Your printer name or IP address must be added to the “no proxy” list in the preferences dialog box of the browser.

You need to do this procedure only once.

The sample screens below may be different from yours depending on software versions and operating systems in use.

Our examples represent the IP address of the printer with: xxx.xxx.xxx.xxx. Always enter your printer's IP address without leading zeros. For example, 192.168.001.002 should be entered as 192.168.1.2.

Internet Explorer (version 6.0 for Windows)

1 Start Internet Explorer.

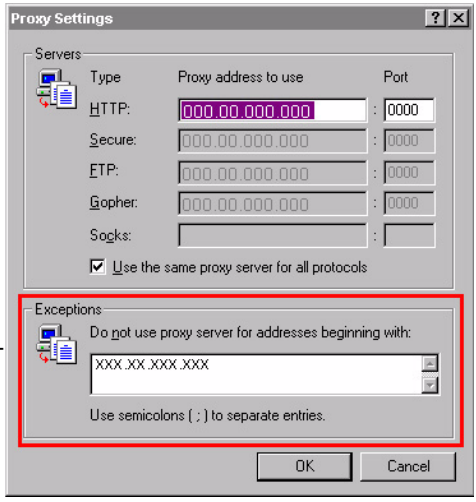
2 From the **Tools** menu choose **Internet Options**.

3 Select the **Connections** tab on the dialog box.

4 Choose the **LAN Settings** button to display the Local Area Network (LAN) Settings dialog box.

5 Select **Advanced** in Proxy server to open the Proxy Settings dialog box.

6 In the **Exceptions** text box, type a comma after the last entry and then type the printer name or the IP address of your printer.



7 Choose **OK** three times to return to the main browser window.

8 Enter the printer's IP address in the URL Address box to access the printer home page.

Netscape Navigator (version 7.1)

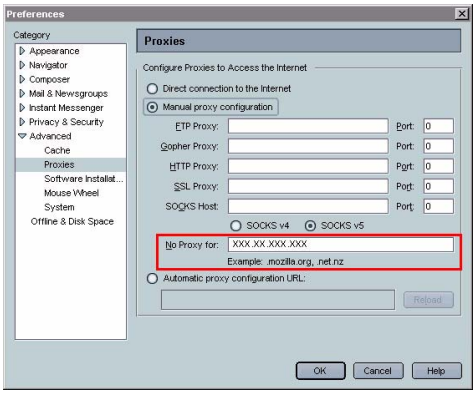
1 Start Netscape Navigator.

2 From the **Edit** menu choose **Preferences**.

3 Select the Advanced/Proxies directory from the left pane of the dialog box.

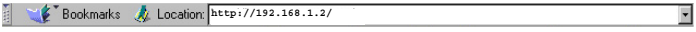
4 Select the **Manual Proxy Configuration** radio button.

5 In the **No Proxy for**: text box, type a comma after the last entry, and then type the printer name or the IP address of your printer.



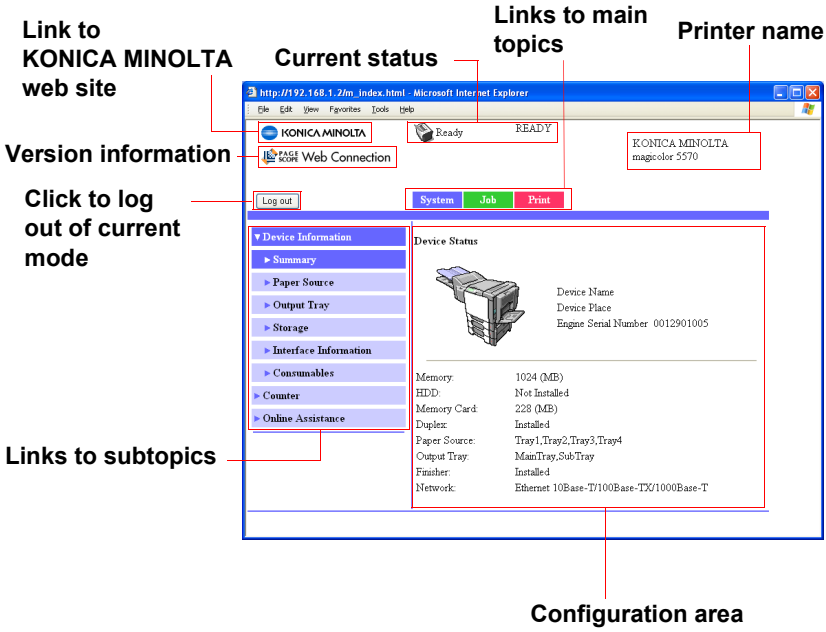
6 Choose **OK** to return to the main browser window.

7 Enter the printer name or IP address in the URL Location box to access the printer home page.



Understanding the PageScope Web Connection Window

The illustration below identifies the navigation and configuration areas of the windows that you see in PageScope Web Connection windows.



Navigation

Selecting the main topic and subtopic displays the configuration area for the printer options (parameters) associated with your selections.

To change a current setting, click on the current setting and then select from the available choices or enter the new value.

In order to apply or save any changes made to the configuration settings, PageScope Web Connection must be logged in from Administrator Mode. (For details, refer to "Administrator Mode" on page 141.)

Current Status

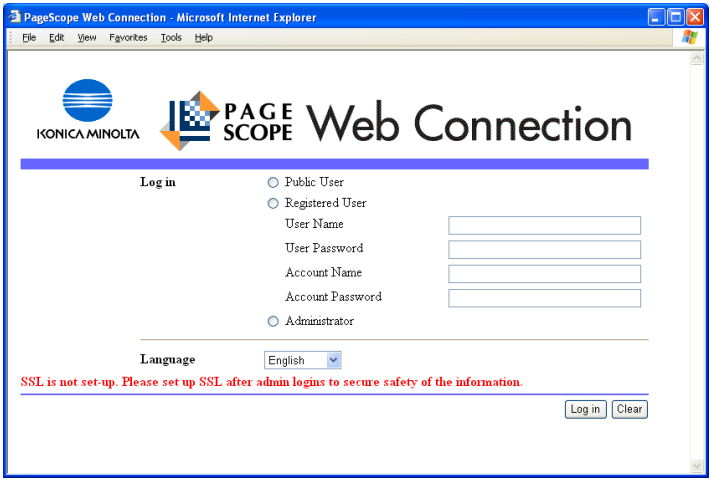
The current status of the printer is displayed at the top of all PageScope Web Connection windows. The icon displays the type of status being displayed.

Icon	Status	Description	Examples
	Ready	The printer is online and either ready to print or printing.	READY WARMING UP PRINTING
	Warning	The printer needs attention, but printing continues.	PAPER EMPTY TRAY 1 TONER LOW C
	Error	The printer needs attention before printing can resume.	TONER EMPTY PAPER JAM TRAY2
	Caution	The printer needsattention, butprinting continues.	PAPERMISMATCH TRAY1
	Fatal	The printer must be rebooted. If that doesn't fix the error, service is required.	SERVICE CALL C002 RAM ERROR

Logging on to PageScope Web Connection

Login Page

User authentication, account track and language settings can be specified by using PageScope Web Connection. In order to perform authentication, you must log on in Administrator Mode. For details on authentication, refer to “Authentication” on page 189 and “User Authentication” on page 269.



Public User Mode

In Public User Mode, you can view configuration settings but not change them.

1 Select **Public User**.

2 Click the **Log in** button.

Registered User Mode

In Registered User Mode, you can view configuration settings but not change them.

User Authentication Mode

*To enter User Authentication Mode, log on in Administrator mode, set **User Authentication** (in the **Network - Authentication - User Authentication** page) to **On**, and then register a new user in the **System - Authentication - User Registration - New Registration** page. For details, refer to "User Registration" on page 190 and "User Authentication" on page 269.*

1 Select **Registered User**.

2 Type in the user name and user password in the **User Name** and **User Password** text boxes.

3 If **Account Track** (in the **Network - Authentication - User Authentication** page) is set to **On**, continue with step 4. If it is set to **Off**, continue with step 5.

4 – (If **Synchronize User Authentication & Account Track** is set to **Do Not Synchronize** and **Account Track Method** is set to **Account Name & Password** in the **Network - Authentication - User Authentication** page) Type in the account name and account password in the **Account Name** and **Account Password** text boxes.

– (If **Synchronize User Authentication & Account Track** is set to **Do Not Synchronize** and **Account Track Method** is set to **Password Only** in the **Network - Authentication - User Authentication** page) Type in the account password in the **Account Password** text box.

*When **Synchronize User Authentication & Account Track** (in the **Network - Authentication - User Authentication** page) is set to **Synchronize**, **Account Name** and **Account Password** will not be displayed in the login page even if **Account Track** is set to **On**.*

5 Click the **Log in** button.

Account Track Mode

*To enter Account Track Mode, log on in Administrator mode, set **Account Track** (in the **Network - Authentication - User Authentication** page) to **On**, and then register a new account in the **System - Authentication - Account Track Registration - New Registration** page. For details, refer to "Account Track Registration" on page 193 and "User Authentication" on page 269.*

1 Select **Account**.

2 – (If **Account Track Method** is set to **Account Name & Password** in the **Network - Authentication - User Authentication** page) Type in the account name and account password in the **Account Name** and **Account Password** text boxes.

– (If **Account Track Method** is set to **Password Only** in the **Network - Authentication - User Authentication** page) Type in the account password in the **Account Password** text box.

3 Click the **Log in** button.

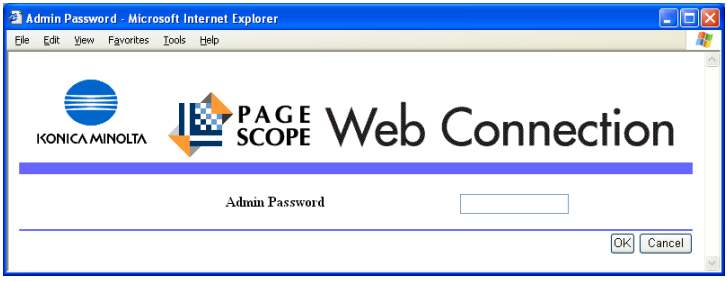
Administrator Mode

In order to change any configuration settings through PageScope Web Connection, you must first enter Administrator Mode.

1 Select **Administrator**.

2 Click the **Log in** button.

3 Type the password in the **Admin Password** text box.



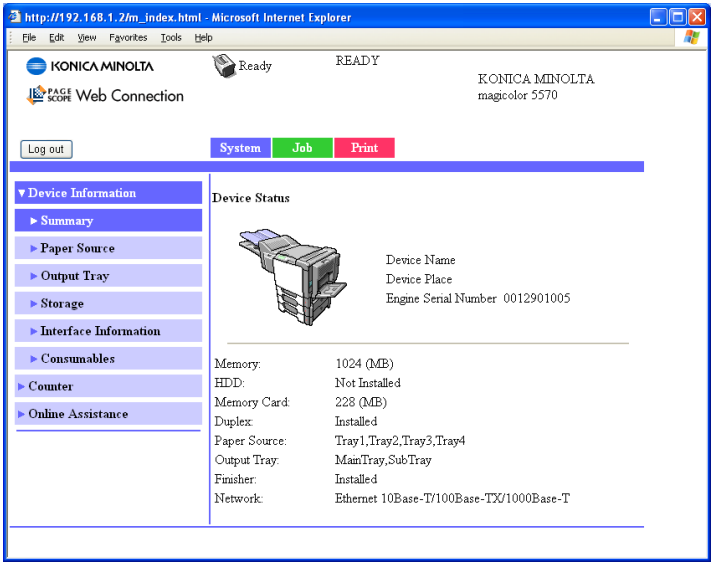
*Default password is set to "administrator"; however, once you have logged on in Administrator Mode, the password can be specified in the **System - Admin Password** window.*

4 Click **OK** button.

Viewing Printer Status

System Page

On this page you find printer status and current configuration settings, printer identification, and links to all other web pages.



All of the information displayed on the System page is read only.

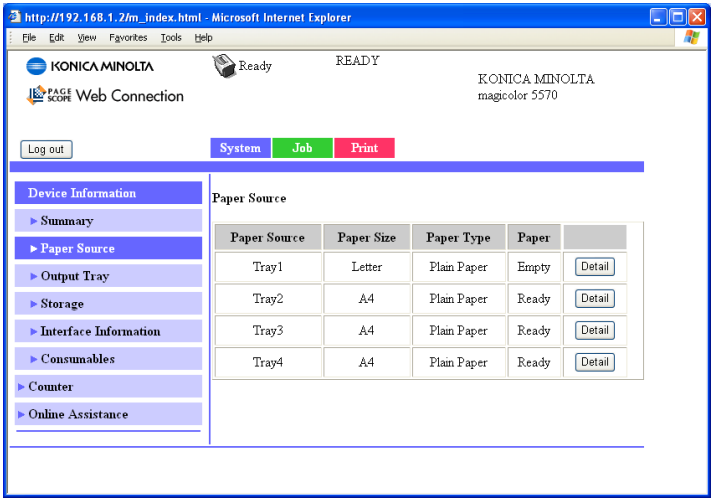
Device Information

Summary (shown above)

The **System - Device Information - Summary** window provides the following information.

Item	Description
Printer name/status	Shows the name assigned to your printer, and displays the current status of the printer—just as it's displayed on the printer's control panel message window. *The status display allows you to remotely identify possible printer problems, such as out of paper and out of toner.*
Device Status (Product image)	Identifies the type of printer that you are browsing. The printer is pictured in the illustration with all installed options.
Memory	Displays the amount of memory installed in the printer.
HDD	If an optional Hard Disk is installed in the printer, displays the size of the Hard Disk. If no optional Hard Disk is installed in the printer, displays "Not Installed".
Memory Card	If an optional Memory Card is installed in the printer, displays the size of the Memory Card. If no optional Memory Card is installed in the printer, displays "Not Installed".
Duplex	Identifies whether the duplex option is "Installed" or "Not Installed".
Paper Source	Identifies the paper feed units installed on the printer.
Output Tray	Identifies the output trays installed on the printer.
Finisher	Identifies whether the staple finisher is "Installed" or "Not Installed".
Network	Lists the installed printer interface (Ethernet 10Base-T/100Base-TX/1000Base-T).

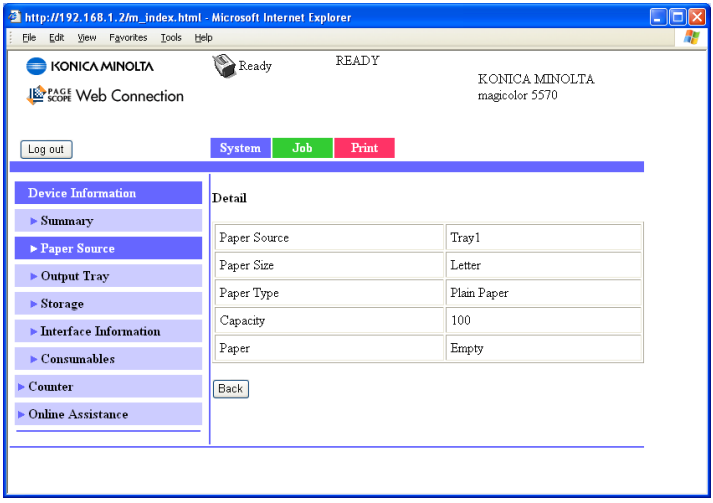
Paper Source



The **System - Device Information - Paper Source** window provides the following information.

Item	Description
Paper Source	Identifies the paper feed units Tray 1/2/3/4 installed on the printer.
Paper Size	Indicates the size of paper loaded in a specific tray.
Paper Type	Indicates the type of paper loaded in a specific tray.
Paper	Indicates the paper status (“Ready” or “Empty”) for each tray.
Detail button	Displays detailed information about the paper trays.

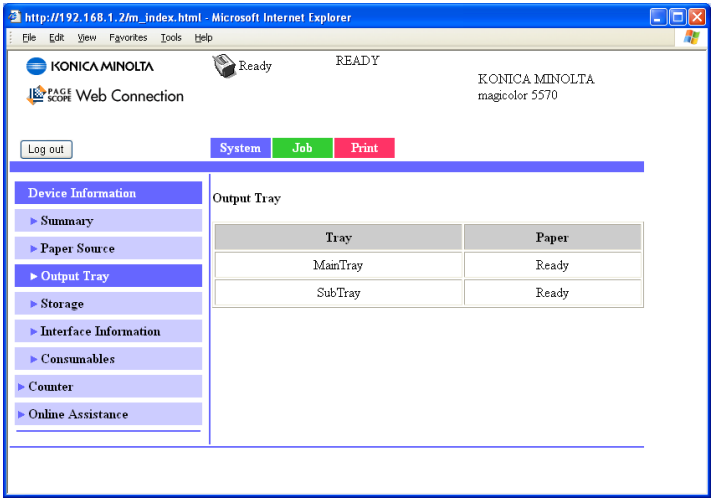
Paper Source (Detail)



The **System - Device Information - Paper Source - Detail** window provides the following information.

Item	Description
Paper Source	Displays the names of the paper trays.
Paper Size	Displays the paper sizes.
Paper Type	Displays the paper types.
Capacity	Displays the maximum capacity for each paper tray.
Paper	Displays the amount of paper remaining.
Back button	Returns to the previous screen.

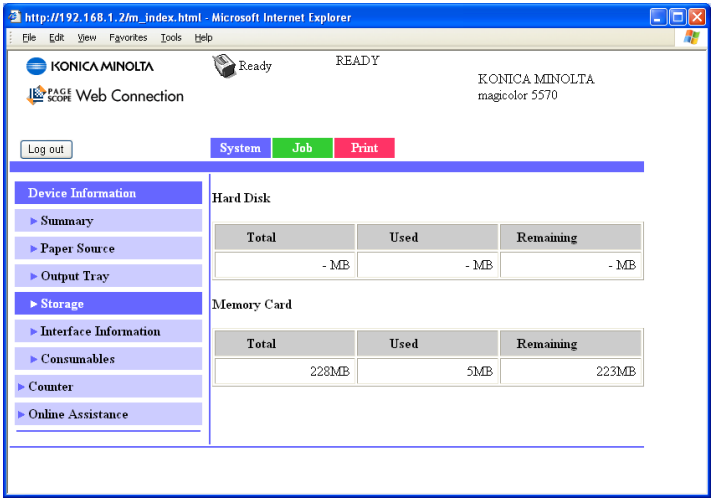
Output Tray



The **System - Device Information - Output Tray** window provides the following information.

Item	Description
Tray	Displays the names of the output trays.
Paper	Displays the status (Ready, Full) of the output trays.

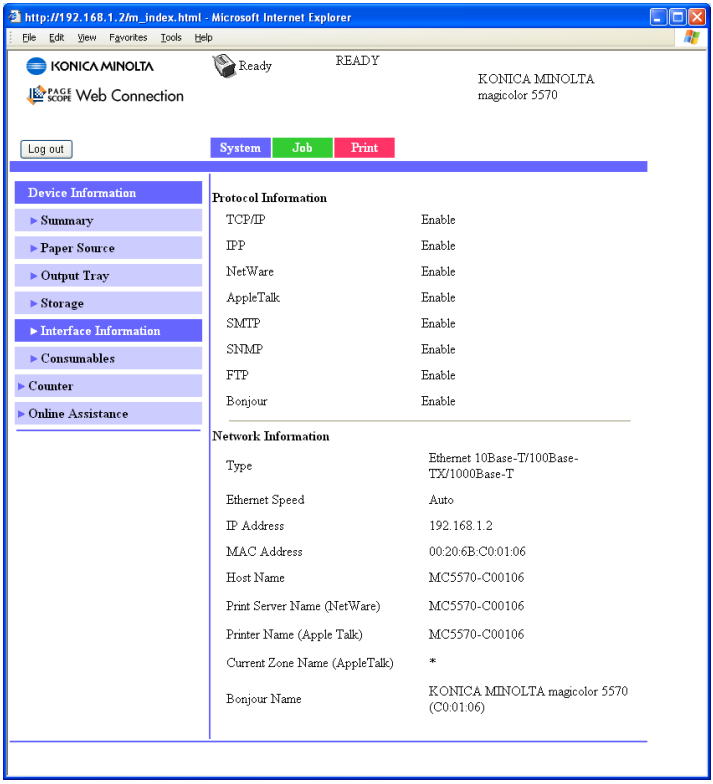
Storage



The **System - Device Information - Storage** window provides the following information.

Item	Description
Total	Displays the total amount of space on the hard disk and memory card. If no optional storages are installed, "-" are displayed.
Used	Displays the amount of space on the hard disk and memory card that are used. If no optional storages are installed, "-" are displayed.
Remaining	Displays the amount of space remaining on the hard disk and memory card. If no optional storages are installed, "-" are displayed.

Interface Information

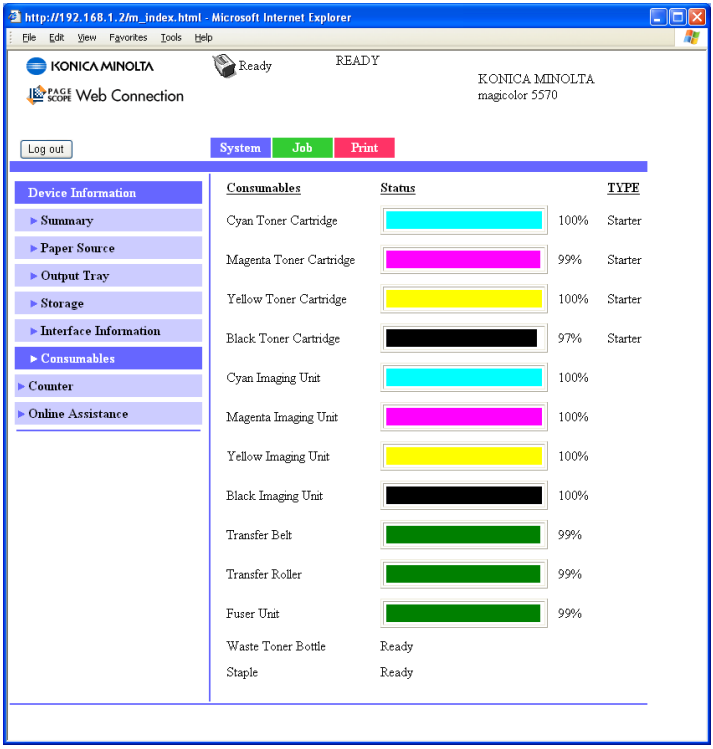


The **System - Device Information - Interface Information** window provides the following information.

Item		Description
Protocol Information	TCP/IP	If **Enable** is displayed, TCP/IP is enabled. If **Disable** is selected, TCP/IP is disabled.
	IPP	If **Enable** is displayed, IPP is enabled. If **Disable** is selected, IPP is disabled.
	NetWare	If **Enable** is displayed, NetWare is enabled. If **Disable** is selected, NetWare is disabled.
	AppleTalk	If **Enable** is displayed, AppleTalk is enabled. If **Disable** is selected, AppleTalk is disabled.
	SMTP	If **Enable** is displayed, SMTP is enabled. If **Disable** is selected, SMTP is disabled.

Item		Description
	SNMP	If **Enable** is displayed, SNMP is enabled. If **Disable** is selected, SNMP is disabled.
	FTP	If **Enable** is displayed, FTP is enabled. If **Disable** is selected, FTP is disabled.
	Bonjour	If **Enable** is displayed, Bonjour is enabled. If **Disable** is displayed, Bonjour is disabled.
Network Information	Type	Identifies the type of network interface installed on the printer (Ethernet 10Base-T/ 100Base-TX/1000Base-T).
	Ethernet Speed	Indicates the transmission speed for the network and the transmission method for bidirectional transmission.
	IP Address	Identifies the IP (Internet Protocol) address of the Ethernet interface.
	MAC Address	Identifies the Media Access Control (MAC) address of the Ethernet interface.
	Host Name	Identifies the host name for the printer.
	Print Server Name (NetWare)	Identifies the Print Server Name for the NetWare.
	Printer Name (AppleTalk)	Identifies the printer name on AppleTalk.
	Current Zone Name (AppleTalk)	Identifies the Current Zone Name for the AppleTalk.
	Bonjour Name	Displays the Bonjour name for the printer.

Consumables



The **System - Device Information - Consumables** window provides the following information.

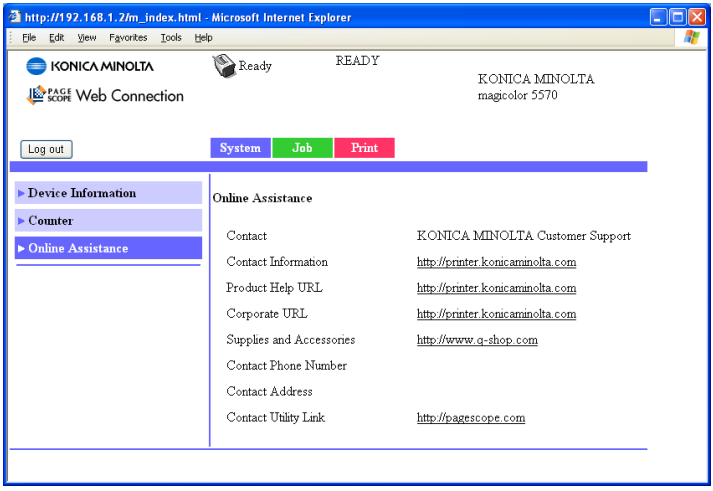
Item	Description
Consumables	Identifies the type of consumable that is being monitored.
Status	Indicates the remaining life of the consumables. ■ Toner Cartridge, Imaging Unit, Transfer Belt, Transfer Roller, Fuser Unit: Percentage ■ Waste Toner Bottle: Ready, Near Full, or Full ■ Staple: Ready, Empty
TYPE	Identifies the type of Toner Cartridge. ■ Starter, Standard, High

Counter

The **System - Counter** window provides the following information.

Item	Description
Pages Printed	Indicates the number of prints.
Sheets Printed by Paper Size	Indicates the number of prints grouped by Paper Size.
Sheets Printed by Paper Type	Indicates the number of prints grouped by Paper Type.

Online Assistance



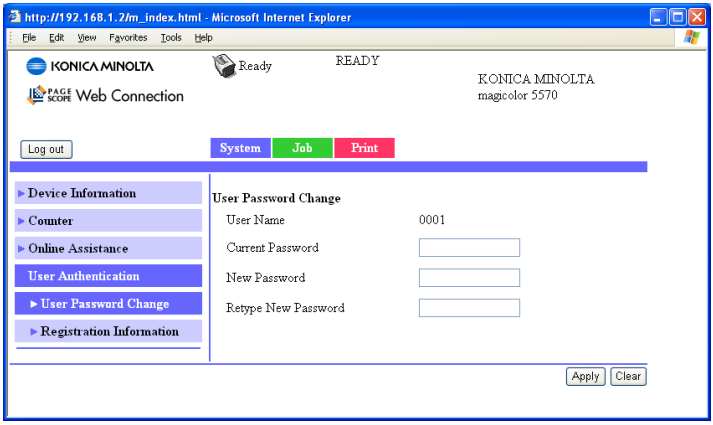
The **System - Online Assistance** window provides the following information.

Item	Description
Contact	Displays the organization that provides assistance with the printer.
Contact Information	Displays the web address for assistance.
Product Help URL	Displays the web address for assistance.
Corporate URL	Displays the KONICA MINOLTA web address.
Supplies and Accesso-ries	Displays the web address where you can order printer supplies and accessories.
Contact Phone Number	Displays the telephone number of the printer admin-istrator.
Contact Address	Displays the e-mail address for support.
Contact Utility Link	Displays a link to the Printer Management Utilities.

User Authentication

This page appears only when logged on to Registered User Mode.

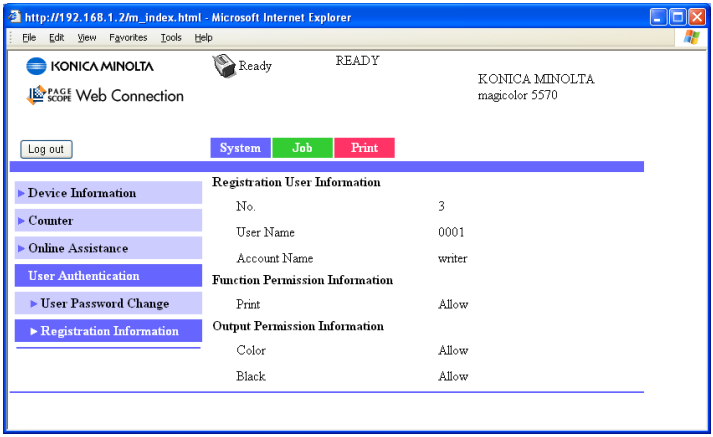
User Password change



The password for the user who is logged on can be changed from the **System - User Authentication - User Password change** page.

Item	Description
User Name	Shows the name of user who is logged on.
Current Password	Type in the current password for the user who is logged on. Range: Up to 64 characters Default: [Blank]
New Password	Type in the new password. Range: Up to 64 characters Default: [Blank]
Retype New Password	Type in the new password again for confirmation. Range: Up to 64 characters Default: [Blank]
Apply button	Applies the new password. *If a mistake was made while typing, the settings will return to those specified before new settings were entered.*
Clear button	Resets all configuration settings to previous values.

Registration Information

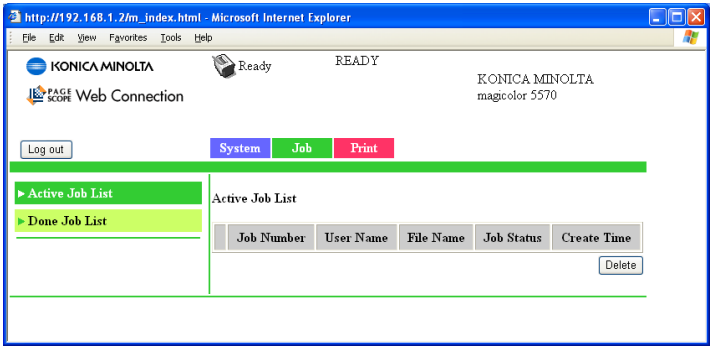


The registration information for the user who is logged on can be checked from the **System - User Authentication - Registration Information** page.

Item	Description
Registration User Information	Shows the registration number (No.), user name and account name for the user who is logged on. *Only the account name is displayed if **Synchronize User Authentication & Account Track** is set to **Synchronize** in the **Network - Authentication - User Authentication** page.*
Function Permission Information	Shows whether printing is permitted by the user who is logged on.
Output Permission Information	Shows whether color printing and whether black-and-white printing is permitted by the user who is logged on.

Job Page

This page allows you to view the status of current print jobs.

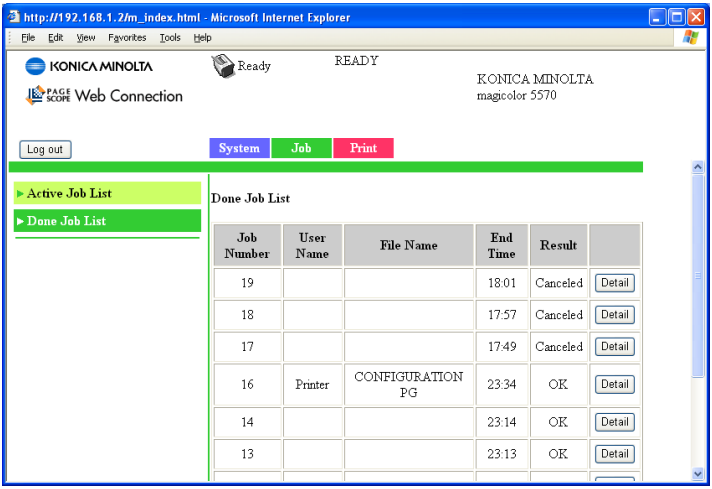


Active Job List (shown above)

The **Job - Active Job List** window provides the following information for up to 49 print jobs:

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
Job Status	Displays the current status of the print job (Parsing, Printing, Cancel, Pending or Abort).
Create Time	Displays the time that the job was queued.
Delete button	Deletes the print job(s) whose check boxes in column 1 are checked.

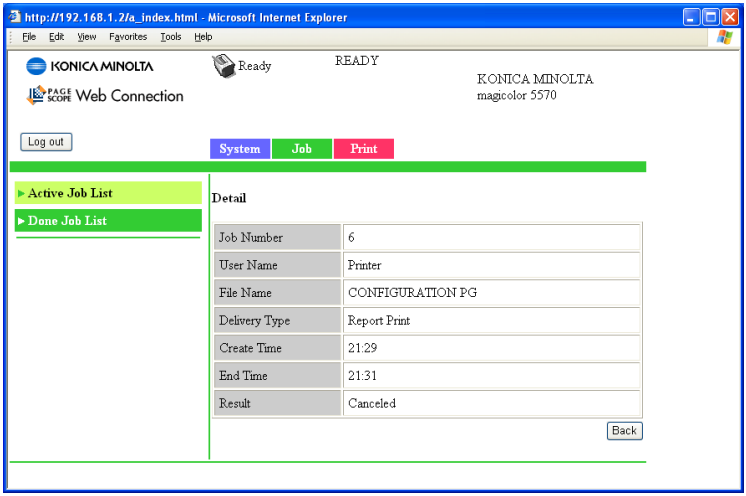
Done Job List



The **Job - Done Job List** window provides the following information for up to 49 print jobs:

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a Number unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
End Time	Displays the time that printing finished.
Result	Displays the result of the print job (OK, Error, or Canceled).
Detail button	Displays a screen containing details.

Done Job List (Detail)

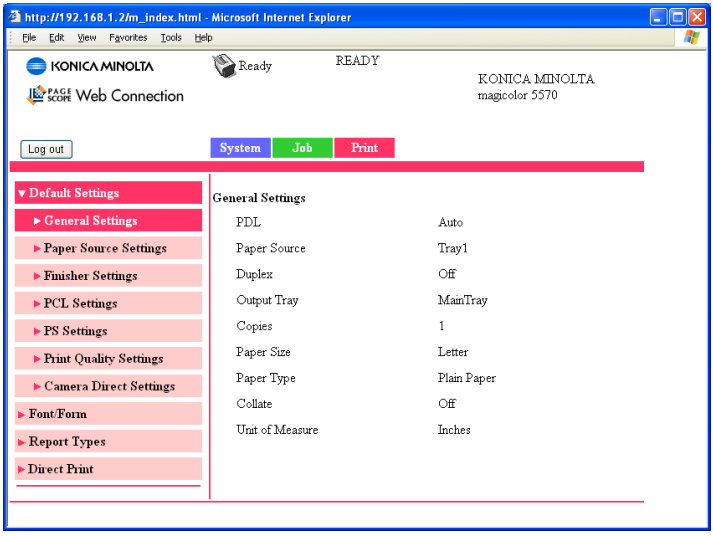


The **Job - Done Job List - Detail** window provides the following information for the selected job:

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a Number unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
Delivery Type	Displays the delivery method for the job.
Create Time	Displays the time that the job was queued.
End Time	Displays the time that printing finished.
Result	Displays the result of the print job (OK, Error, or Canceled).
Back button	Returns to the previous screen.

Print Page

This page allows you to check the settings for printing when there is no PDL printer driver.



Default Settings

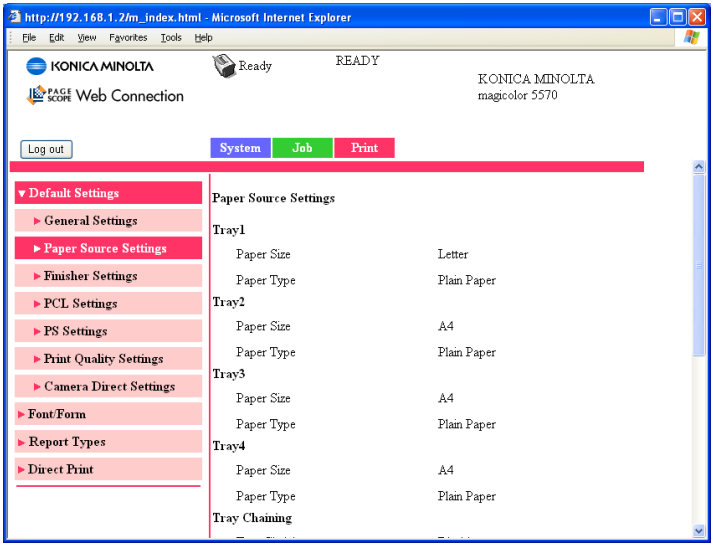
General Settings (shown above)

The **Print - Default Settings - General Settings** window provides the following information.

Item	Description
PDL	Indicates default language to be selected.
Paper Source	The paper tray that is normally used is indicated.
Duplex	If **Long-Edge Binding** is indicated, the pages will be printed on both sides of the paper for long-edge binding. If **Short-Edge Binding** is indicated, the pages will be printed on both sides of the paper for short-edge binding. *This menu item appears only if the optional duplex unit is installed.*
Output Tray	Displays the name of the output tray.

Item	Description
Copies	Indicates the default setting for number of copies to be printed.
Paper Size	Indicates the default setting for the size of paper.
Width	Indicates the paper width when **Paper Size** is set to **Custom Size**.
Length	Indicates the paper length when **Paper Size** is set to **Custom Size**.
Paper Type	Indicates the default setting for the type of paper.
Collate	If **On** is indicated, all pages in a copy of the document can be printed before printing the next copy. If **Off** is indicated, all copies of the document are not printed separately. *This menu item appears only if a hard disk drive or a CompactFlash card of 1 GB or more is installed.*
Unit of Measure	The units for specifying the size of custom paper is indicated between inches and millimeters.
Image Rotation	If **ON** is selected, the image is rotated 180 degrees before each copy is fed out. If **OFF** is selected, the image is not rotated. *This menu item appears only if the optional staple finisher is not installed.*

Paper Source Settings



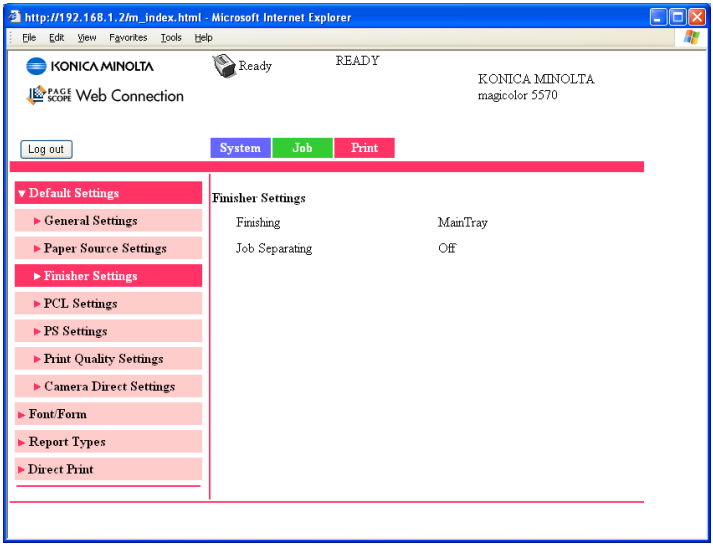
The **Print - Default Settings - Paper Source Settings** window provides the following information.

Item		Description
Tray1	Paper Size	Indicates the setting for the size of paper loaded into Tray 1.
	Width	Indicates the paper width when **Paper Size** is set to **Custom Size**.
	Length	Indicates the paper width when **Paper Size** is set to **Custom Size**.
	Paper Type	Indicates the setting for the type of paper loaded into Tray 1.
Tray2	Paper Size	Indicates the setting for the size of paper loaded into Tray 2.
	Paper Type	Indicates the setting for the type of paper loaded into Tray 2.

Item		Description
Tray3 This item appears only if the optional lower feeder unit is installed.	Paper Size	Indicates the setting for the size of paper loaded into Tray 3.
	Paper Type	Indicates the setting for the type of paper loaded into Tray 3.
Tray4 This item appears only if the optional lower feeder unit is installed.	Paper Size	Indicates the setting for the size of paper loaded into Tray 4.
	Paper Type	Indicates the setting for the type of paper loaded into Tray 4.
Tray Chaining		If **Enable** is indicated and the specified paper tray runs out of paper during printing, a paper tray loaded with paper of the same size is automatically selected so printing can continue. If **Disable** is indicated and the specified paper tray runs out of paper, printing stops.
Tray Mapping	Tray Mapping Mode	If **On** is indicated, Tray Mapping function is used. If **Off** is indicated, Tray Mapping function is not used.
	Logical Tray 0-9	Indicates the tray that is used for printing when a print job is received from another manufacturer's printer driver.

Finisher Settings

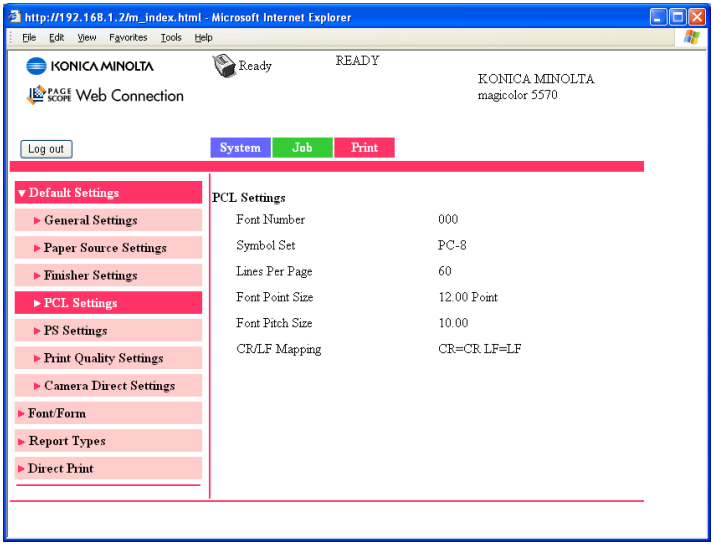
This page appears only if the optional staple finisher is installed.



The **Print - Default Settings - Finisher Settings** window provides the following information.

Item	Description
Finishing	Shows the staple finisher setting.
Job Separating	Shows the setting for shifting the output position for each job.

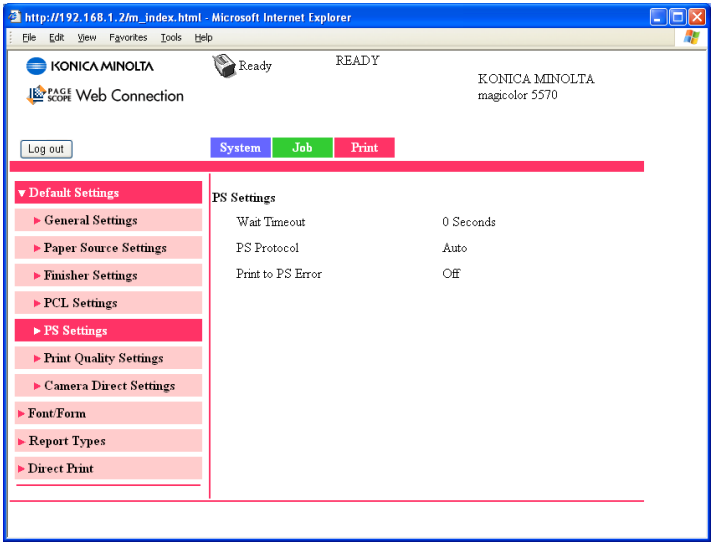
PCL Settings



The **Print - Default Settings - PCL Settings** window provides the following information.

Item	Description
Font Number	Displays the default font in the PCL language.
Symbol Set	Displays the symbol set used with the PCL language.
Lines Per Page	Indicates how many lines are in a page in PCL language.
Font Point Size	Displays the font size in the PCL language.
Font Pitch Size	Displays the font pitch in the PCL language.
CR/LF Mapping	Indicates CR/LF code definition in PCL language.

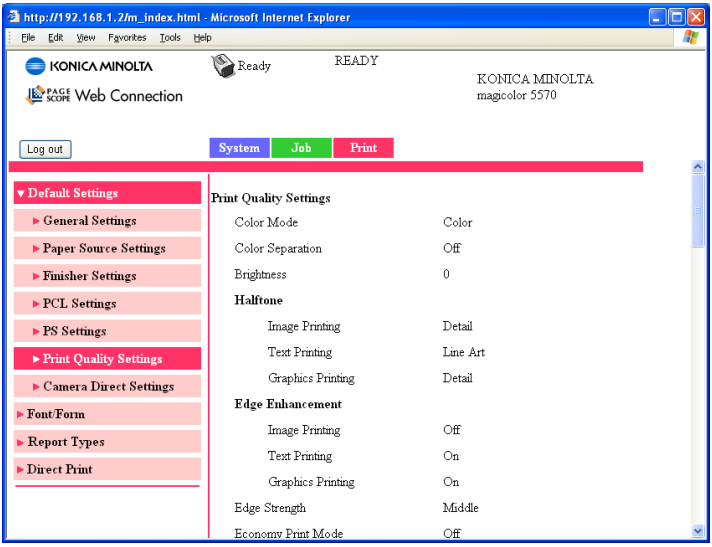
PS Settings



The **Print - Default Settings - PS Settings** window provides the following information.

Item	Description
Wait Timeout	Indicates Postscript timeout. “0” means that no time-out control is effective.
PS Protocol	Displays the settings for the PS protocol.
Print to PS Error	Displays whether or not error printing is performed.

Print Quality Settings



The **Print - Default Settings - Print Quality Settings** window provides the following information.

Item		Description
Print Quality Settings	Color Mode	If **Color** is indicated, the pages are printed in full color. If **Monochrome** is indicated, the pages are printed in black and white.
	Color Separation	If **On** is indicated, color separation is performed. If **Off** is indicated, color separation is not performed.
	Brightness	Indicates the brightness of the printed image.
	Halftone (Image/Text/ Graphics Printing)	Indicates how halftones are reproduced. If **Line Art** is indicated, halftones are reproduced with high precision. If **Detail** is indicated, halftones are reproduced with detail. If **Smooth** is indicated, halftones are reproduced with smoothness.

Item		Description
	Edge Enhancement (Image/Text/ Graphics Printing)	Shows the settings for whether or not edges are emphasized in images, text and graphics.
	Edge Strength	Shows the setting for the amount that edges are emphasized.
	Economy Print Mode	Shows the setting for whether or not Economy Print Mode is enabled. When Economy Print Mode is enabled, the amount of toner used is reduced when printing many drawings.
	Glossy Mode	Shows the setting for whether or not Glossy Mode is enabled. When Glossy Mode is enabled, pages can be printed with a glossy finish.
PCL Settings	Contrast	Indicates the contrast of the image.
	Image/Text/Graphics Printing (Source)	Identifies the color space for RGB data.
	Image/Text/Graphics Printing (Intent)	Indicates the color intent to be used on conversion RGB to CMYK by printer.
	Image/Text/Graphics Printing (Gray Treatment)	Indicates the method to reproduce RGB black and gray.
PS Settings	Image/Text/Graphics Printing (RGB Source)	Identifies the color space for RGB data.
	Image/Text/Graphics Printing (RGB Intent)	Indicates the color intent to be used on conversion RGB to CMYK by printer.
	Image/Text/Graphics Printing (RGB Gray Treatment)	Indicates the method to reproduce RGB black and gray.
	Image/Text/Graphics Printing (Destination Profile)	Indicates the ICC destination profile to be used for printed output.
	Simulation (Profile)	Indicates the specific ICC simulation profile to be used for printed output.
	Simulation (Intent)	Indicates the simulation intent to be used for simulation printing.
	Simulation (CMYK Gray Treatment)	Indicates the method to reproduce CMYK black and gray for simulation printing.

Item		Description
Calibration Settings	Tone Calibration	If **On** is indicated, image adjustments are applied. If **Off** is indicated, image adjustments are not applied.
	Cyan/Magenta/ Yellow/ Black Density (Highlight)	Indicates the density of the highlight color.
	Cyan/Magenta/ Yellow/ Black Density (Middle)	Indicates the density of the middle color.
	Cyan/Magenta/ Yellow/ Black Density (Shadow)	Indicates the density of the shadow color.

Camera Direct Settings

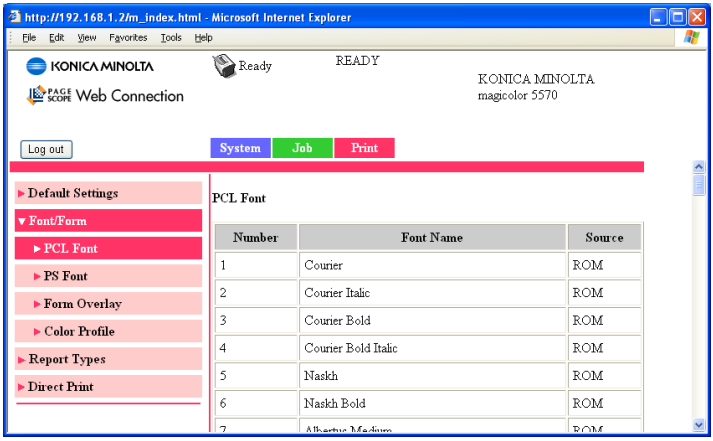
The **Print - Default Settings - Camera Direct Settings** window provides the following information.

Item	Description
Camera Direct Print	If **Enable** is indicated, camera direct printing is enabled. If **Disable** is indicated, camera direct printing is disabled.
Paper Source	Indicates the tray that is used for camera direct printing.

Item	Description
Layout	Indicates the number of images printed on a single sheet of media. If **1-up** is indicated, only one image will be printed on a single sheet of media.
Paper Margin	Indicates the size of the media margins (area that is not printed in). If **Standard** is indicated, the standard media margin size is specified. If **Minimum** is indicated, the media margins are reduced.
Brightness	Indicates the brightness of the printed image.
Contrast	Indicates the contrast of the image.
Economy Print Mode	Shows the setting for whether or not Economy Print Mode is enabled. When Economy Print Mode is enabled, the amount of toner used is reduced when printing many drawings.
Glossy Mode	Shows the setting for whether or not Glossy Mode is enabled. When Glossy Mode is enabled, pages can be printed with a glossy finish.
RGB Source	Indicates the color space for RGB image data. If **Device Color** is indicated, the device profile of this printer is used.
RGB Intent	Indicates the characteristic applied when converting RGB image data to CMYK data. If **Vivid** is indicated, a vivid output is produced. If **Photographic** is indicated, a brighter output is produced.
RGB Gray Treatment	Indicates how black and grays are reproduced in RGB image data. If **Composite Black** is indicated, black is reproduced using the CMYK colors. If **Black And Gray** is indicated, black and gray are reproduced using black only. If **Black Only** is indicated, black is reproduced using only black.
Halftone	Indicates how halftones are reproduced. If **Line Art** is indicated, halftones are reproduced with high precision. If **Detail** is indicated, halftones are reproduced with detail. If **Smooth** is indicated, halftones are reproduced with smoothness.

Font/Form

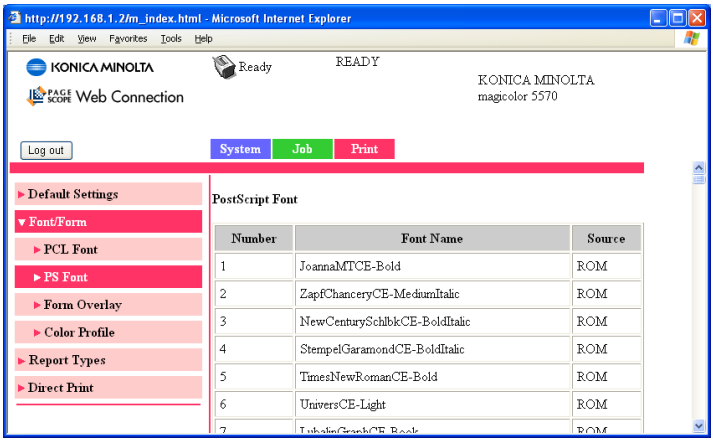
PCL Font



The **Print - Font/Form - PCL Font** page allows you to check the list of PCL fonts that the printer manages.

Item	Description
Number	Displays the control number of the font.
Font Name	Displays the name of the fonts.
Source	Displays the storage source of the font.

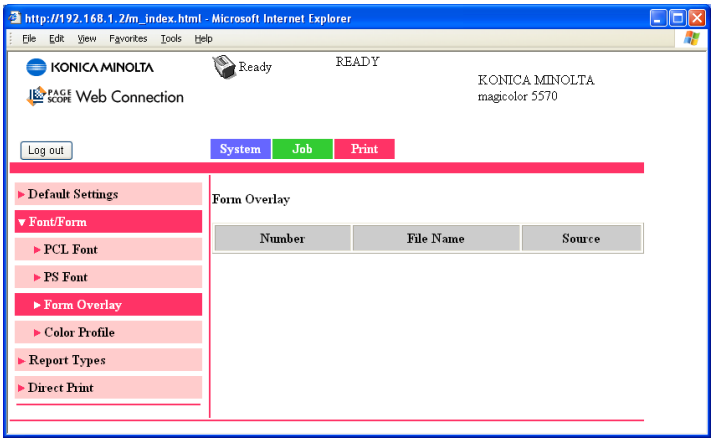
PS Font



The **Print - Font/Form - PS Font** page allows you to check the list of PostScript fonts that the printer manages.

Item	Description
Number	Displays the control number of the font.
Font Name	Displays the name of the fonts.
Source	Displays the storage source of the font.

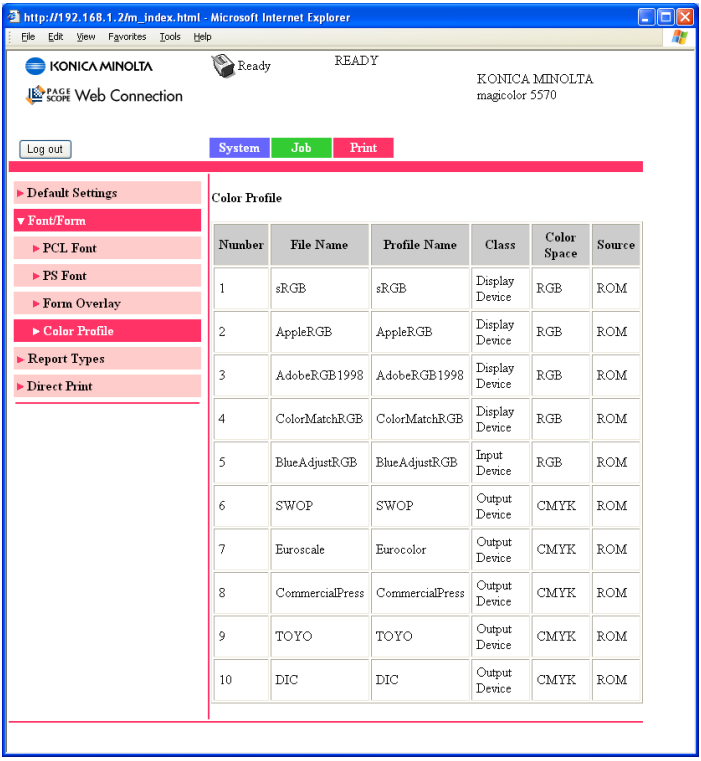
Form Overlay



The **Print - Font/Form - Form Overlay** page allows you to check the list of form overlays that the printer manages.

Item	Description
Number	Displays the control number of the overlay.
File Name	Displays the name of the overlays.
Source	Displays the storage source of the form overlay.

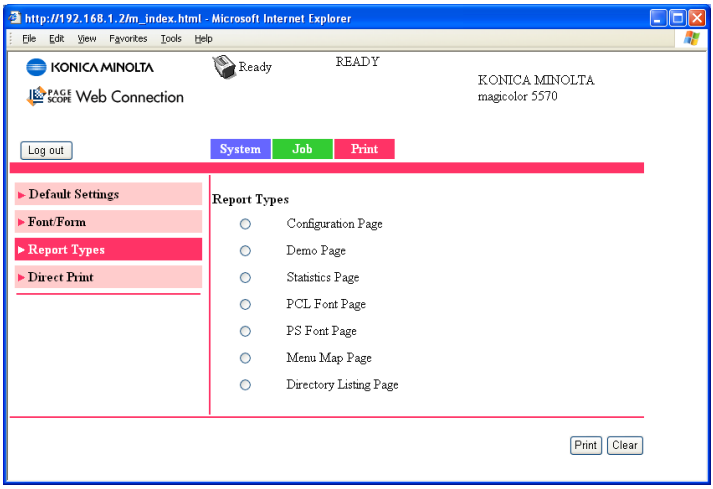
Color Profile



The **Print - Font/Form - Color Profile** page allows you to check the list of color profiles that the printer manages.

Item	Description
Number	Displays the control number of the color profile.
File Name	Displays the file name of the color profile.
Profile Name	Displays the name of the color profile.
Class	Displays the type of color profile.
Color Space	Displays the color space for the color profile.
Source	Displays the storage source of the color profile.

Report Types

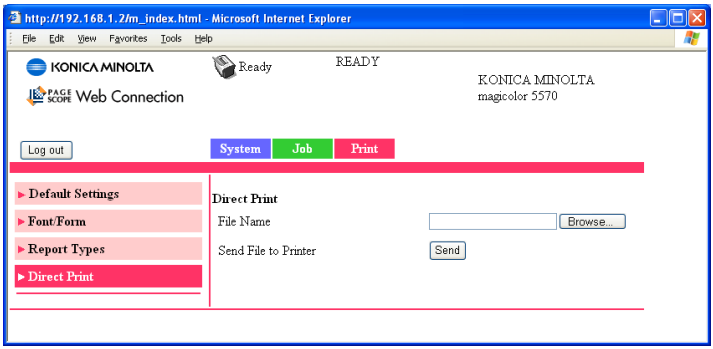


The **Print - Report Types** window provides the following information.

Item	Description
Configuration Page	Prints the printer configuration page.
Demo Page	Prints the printer demo page.
Statistics Page	Prints the statistics page such as the number of pages printed.
PCL Font Page	Prints the PCL font lists.
PS Font Page	Prints the PostScript font lists.
Menu Map Page	Prints the menu map.
Directory Listing Page	Prints the directory list. *This menu item appears only if a hard disk drive or a CompactFlash card is installed.*
Print button	Sends the page to the printer.
Clear button	Cancels the selected settings.

Direct Print

This page appears only if a hard disk drive or a CompactFlash card is installed.



The **Print - Direct Print** page allows you to print a file directly from the printer without starting up the application.

The following file formats can be printed using direct printing: PDF, TIF and JPEG.

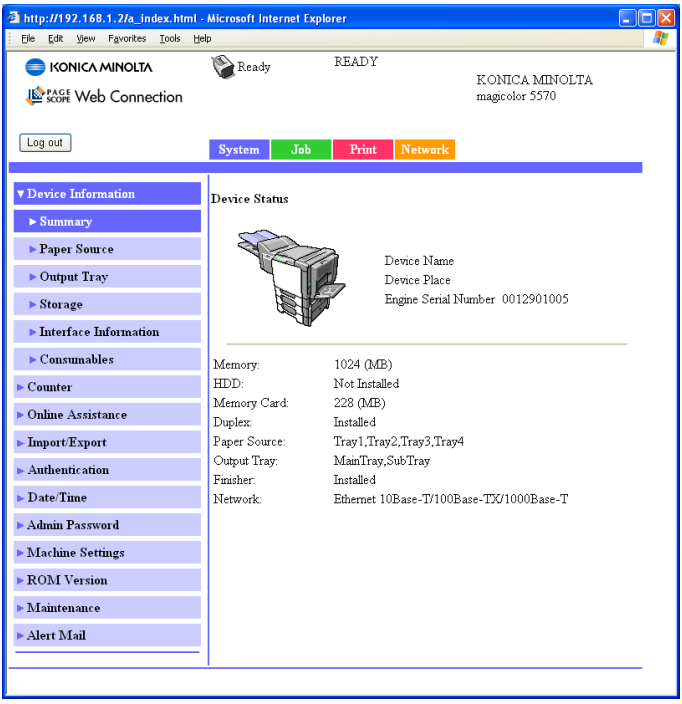
Item	Description
File Name	Specify the location of the file to be printed. Click **Browse**, and then select the file.
Browse button	Displays a dialog box for browsing to the file to be printed.
Send button	Sends the specified file to the printer.

Configuring the Printer

In order to make any configuration changes through PageScope Web Connection, you must first enter Administrator Mode. See “Administrator Mode” on page 141 for instructions on logging into Administrator Mode.

System Page

This page allows you to configure several user- and printer-specific items.



Device Information

Summary (shown above)

The **System - Device Information - Summary** window provides the following information.

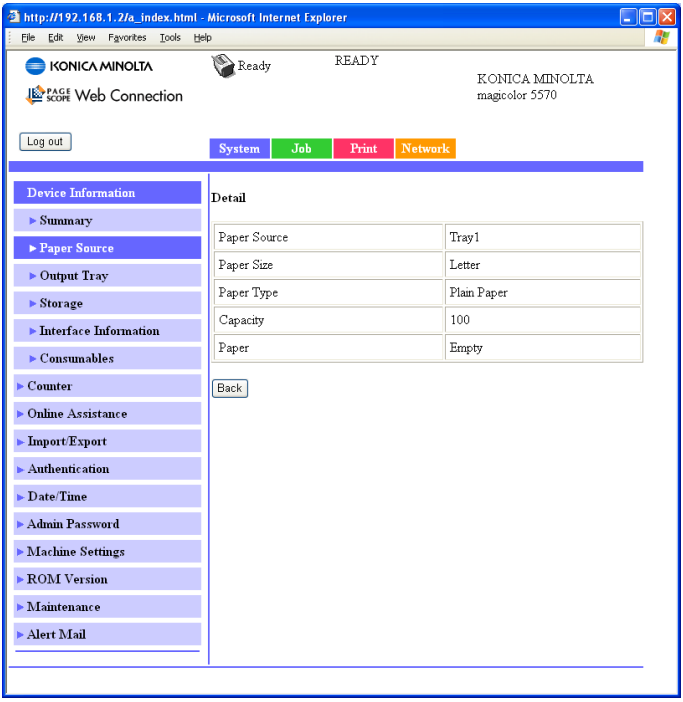
Item	Description
Printer name/status	Shows the name assigned to your printer, and displays the current status of the printer—just as it's displayed on the printer's control panel message window. *The status display allows you to remotely identify possible printer problems, such as out of paper and out of toner.*
Device Status (Product image)	Identifies the type of printer that you are browsing. The printer is pictured in the illustration with all installed options.
Memory	Displays the amount of memory installed in the printer.
HDD	If an optional Hard Disk is installed in the printer, displays the size of the Hard Disk. If no optional Hard Disk is installed in the printer, displays "Not Installed".
Memory Card	If an optional Memory Card is installed in the printer, displays the size of the Memory Card. If no optional Memory Card is installed in the printer, displays "Not Installed".
Duplex	Identifies whether the duplex option is "Installed" or "Not Installed".
Paper Source	Identifies the paper feed units installed on the printer.
Output Tray	Identifies the output trays installed on the printer.
Finisher	Identifies whether the staple finisher is "Installed" or "Not Installed".
Network	Lists the installed printer interface (Ethernet 10Base-T/100Base-TX/1000Base-T).

Paper Source

The **System - Device Information - Paper Source** window provides the following information.

Item	Description
Paper Source	Identifies the paper feed units Tray 1/2/3/4 installed on the printer.
Paper Size	Indicates the size of paper loaded in a specific tray.
Paper Type	Indicates the type of paper loaded in a specific tray.
Paper	Indicates the paper status (“Ready” or “Empty”) for each tray.
Detail button	Displays detailed information about the paper trays.

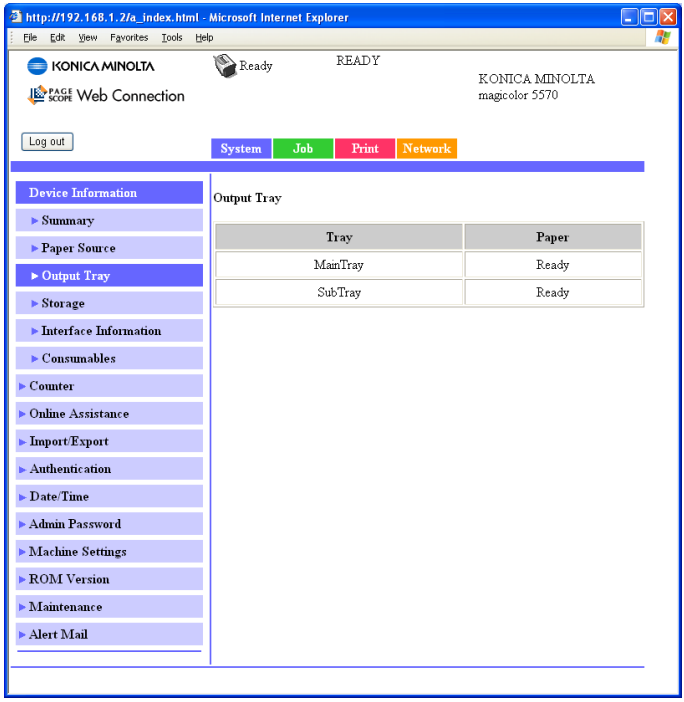
Paper Source (Detail)



The **System - Device Information - Paper Source - Detail** window provides the following information.

Item	Description
Paper Source	Displays the names of the paper trays.
Paper Size	Displays the paper sizes.
Paper Type	Displays the paper types.
Capacity	Displays the maximum capacity for each paper tray.
Paper	Displays the amount of paper remaining.
Back button	Returns to the previous screen.

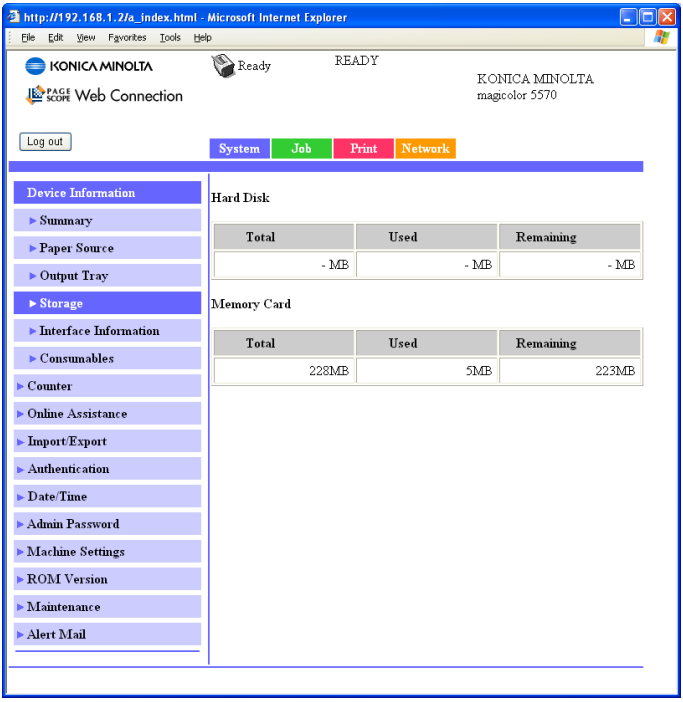
Output Tray



The **System - Device Information - Output Tray** window provides the following information.

Item	Description
Tray	Displays the names of the output trays.
Paper	Displays the status (Ready, Full) of the output trays.

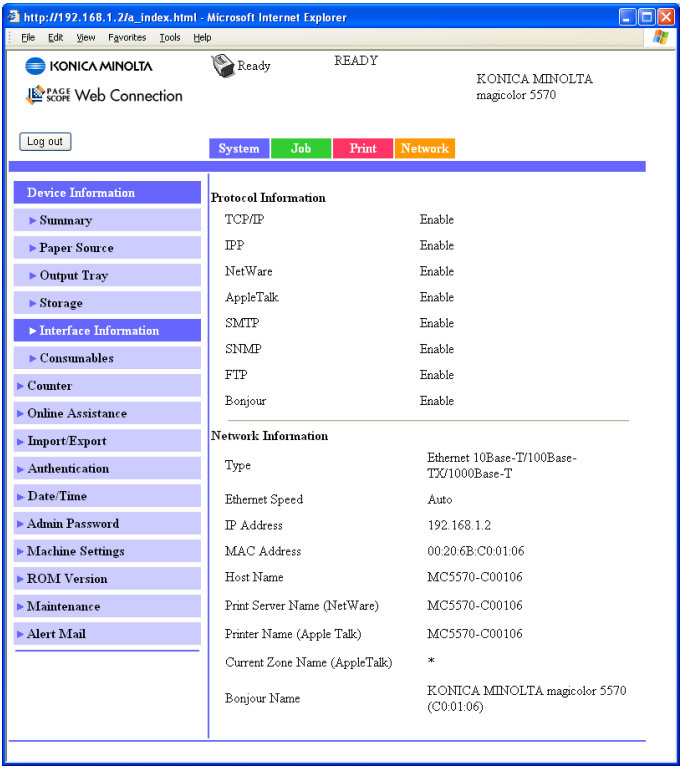
Storage



The **System - Device Information - Storage** window provides the following information.

Item	Description
Total	Displays the total amount of space on the hard disk and memory card. If no optional storages are installed, “-” are displayed.
Used	Displays the amount of space on the hard disk and memory card that are used. If no optional storages are installed, “-” are displayed.
Remaining	Displays the amount of space remaining on the hard disk and memory card. If no optional storages are installed, “-” are displayed.

Interface Information

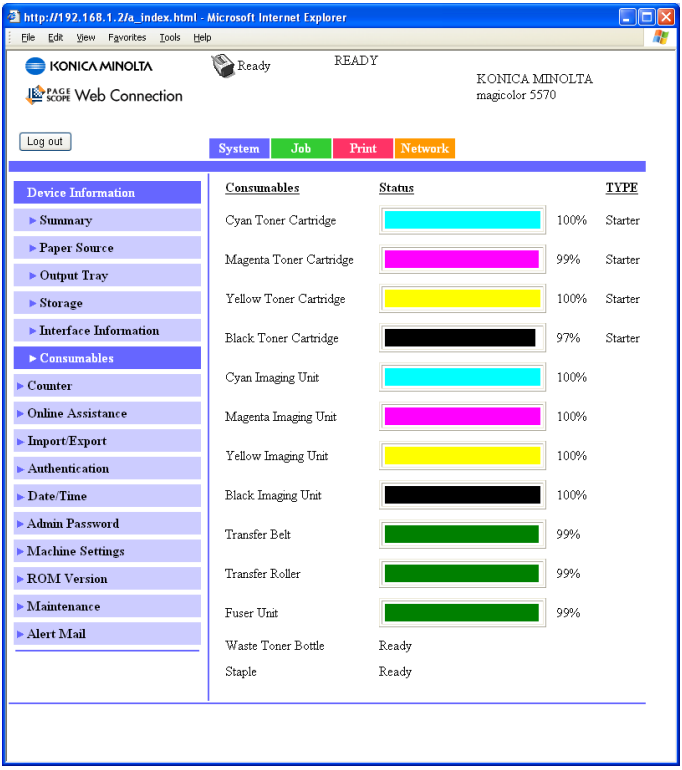


The **System - Device Information - Interface Information** window provides the following information.

Item		Description
Protocol Information	TCP/IP	If **Enable** is displayed, TCP/IP is enabled. If **Disable** is selected, TCP/IP is disabled.
	IPP	If **Enable** is displayed, IPP is enabled. If **Disable** is selected, IPP is disabled.
	NetWare	If **Enable** is displayed, NetWare is enabled. If **Disable** is selected, NetWare is disabled.
	AppleTalk	If **Enable** is displayed, AppleTalk is enabled. If **Disable** is selected, AppleTalk is disabled.

Item		Description
	SMTP	If **Enable** is displayed, SMTP is enabled. If **Disable** is selected, SMTP is disabled.
	SNMP	If **Enable** is displayed, SNMP is enabled. If **Disable** is selected, SNMP is disabled.
	FTP	If **Enable** is displayed, FTP is enabled. If **Disable** is selected, FTP is disabled.
	Bonjour	If **Enable** is displayed, Bonjour is enabled. If **Disable** is displayed, Bonjour is disabled.
Network Information	Type	Identifies the type of network interface installed on the printer (Ethernet 10Base-T/ 100Base-TX/1000Base-T).
	Ethernet Speed	Indicates the transmission speed for the network and the transmission method for bidirectional transmission.
	IP Address	Identifies the IP (Internet Protocol) address of the Ethernet interface.
	MAC Address	Identifies the Media Access Control (MAC) address of the Ethernet interface.
	Host Name	Identifies the host name for the printer.
	Print Server Name (NetWare)	Identifies the Print Server Name for the NetWare.
	Printer Name (AppleTalk)	Identifies the printer name on AppleTalk.
	Current Zone Name (AppleTalk)	Identifies the Current Zone Name for the AppleTalk.
	Bonjour Name	Displays the Bonjour name for the printer.

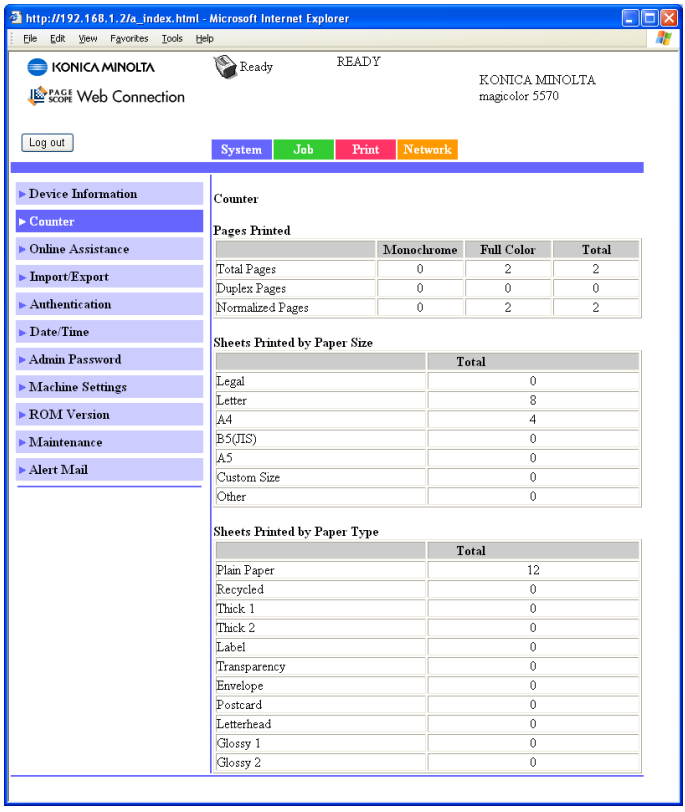
Consumables



The **System - Device Information - Consumables** window provides the following information.

Item	Description
Consumables	Identifies the type of consumable that is being monitored.
Status	Indicates the remaining life of the consumables. ■ Toner Cartridge, Imaging Unit, Transfer Belt, Transfer Roller, Fuser Unit: Percentage ■ Waste Toner Bottle: Ready, Near Full, or Full ■ Staple: Ready, Empty
TYPE	Identifies the type of Toner Cartridge. ■ Starter, Standard, High

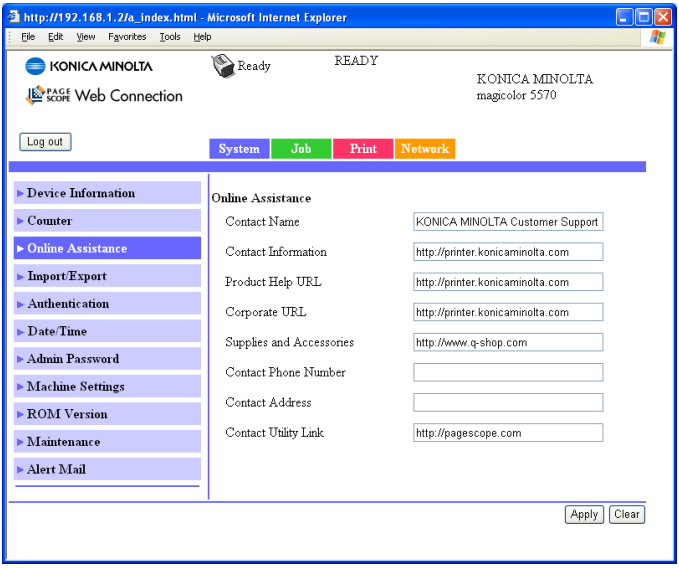
Counter



The **System - Counter** window provides the following information.

Item	Description
Pages Printed	Indicates the number of prints.
Sheets Printed by Paper Size	Indicates the number of prints grouped by Paper Size.
Sheets Printed by Paper Type	Indicates the number of prints grouped by Paper Type.

Online Assistance



The **System - Online Assistance** window allows you to configure the following items.

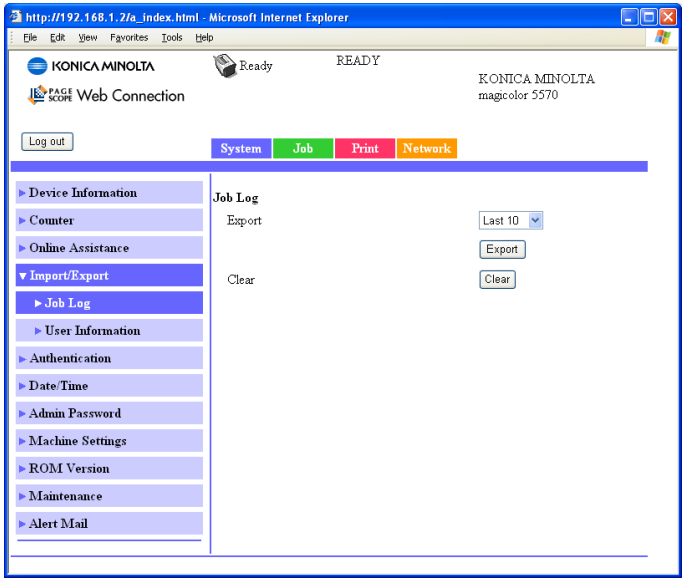
Item	Description
Contact Name	Sets the name of the person or organization responsible for providing assistance with the printer. Range: Up to 63 characters Default: KONICA MINOLTA Customer Support
Contact Information	Sets the web site for printer assistance. Range: Up to 127 characters Default: http://printer.konicaminolta.com
Product Help URL	Sets the help web site address for printer assistance. Range: Up to 127 characters Default: http://printer.konicaminolta.com
Corporate URL	Sets the KONICA MINOLTA corporate web site address. Range: Up to 127 characters Default: http://printer.konicaminolta.com

Item	Description
Supplies and Accessories	Sets the web address where you can purchase printer supplies and accessories. Range: Up to 127 characters Default: http://www.q-shop.com
Contact Phone Number	Specifies the telephone number of the printer administrator. Range: Up to 31 characters Default: [Blank]
Contact Address	Specifies the address of the printer administrator. Range: Up to 320 characters Default: [Blank]
Contact Utility Link	Specifies the link to the Printer Management Utilities. Range: Up to 127 characters Default: http://pagescope.com

Import/Export

This page appears only if a hard disk drive or a CompactFlash card is installed.

Job Log

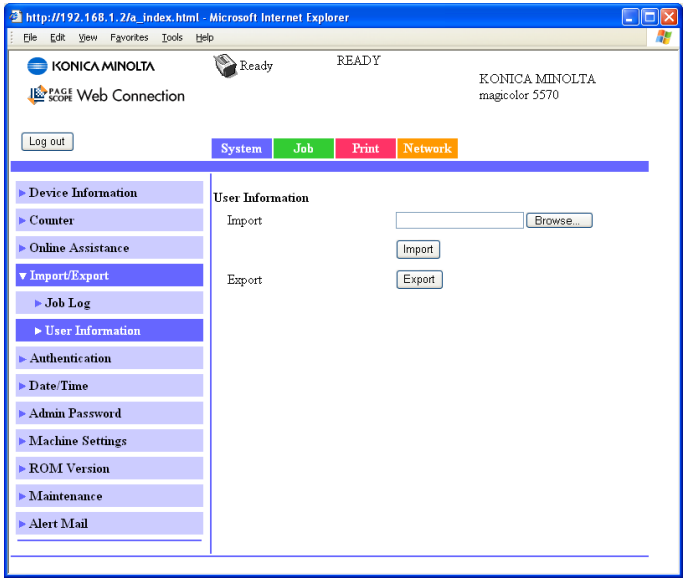


The **System - Import/Export - Job Log** window allows you to configure the following items.

*This page appears when **Job Log** (in the **System - Machine Settings** page) is set to **Enable**.*

Item	Description
Export	Specify the number of job logs to be retrieved. The specified number of job logs is retrieved from the most recent job logs. If the specified number of job logs is larger than the number of job logs available, all job logs are retrieved. Choices: Last 10, Last 50, Last 100, Last 250, Last 500, All Default: Last 10
Export button	Exports the job log information on the device to the computer.
Clear button	Clears the job log from the device.

User Information



The **System - Import/Export - User Information** window allows you to configure the following items.

*This page appears when **User Authentication** (in the **Network - Authentication - User Authentication** page) is set to **On**.*

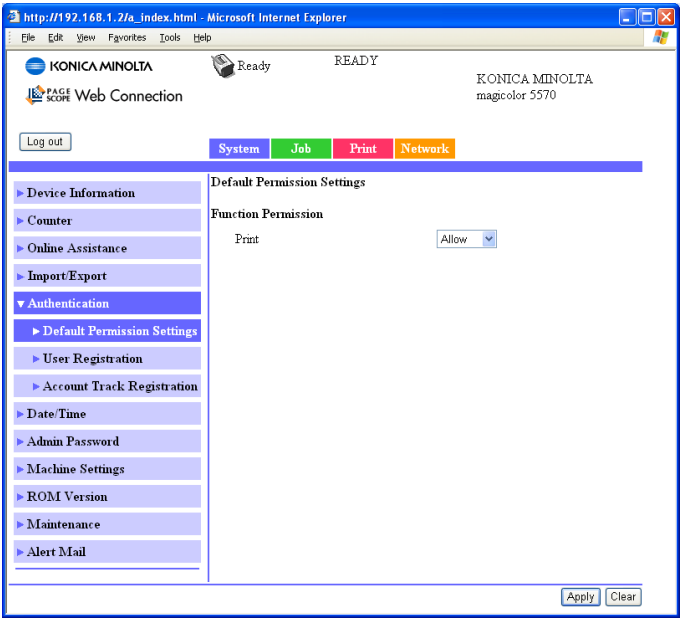
Item	Description
Import Text Box	Type in the name of the file containing the registered user authentication information to be imported.
Browse button	Allows the registered user authentication information transferred to the device to be searched.
Import button	Transfers the registered user authentication information to the device.
Export button	Exports the registered user authentication information to the computer.

Authentication

This page appears only if a hard disk drive or a CompactFlash card is installed.

*This page doesn't appear when both **User Authentication** and **Account Track** are set to **Off** and **Public Access** is set to **Restrict** (in the **Network - Authentication - User Authentication** page).*

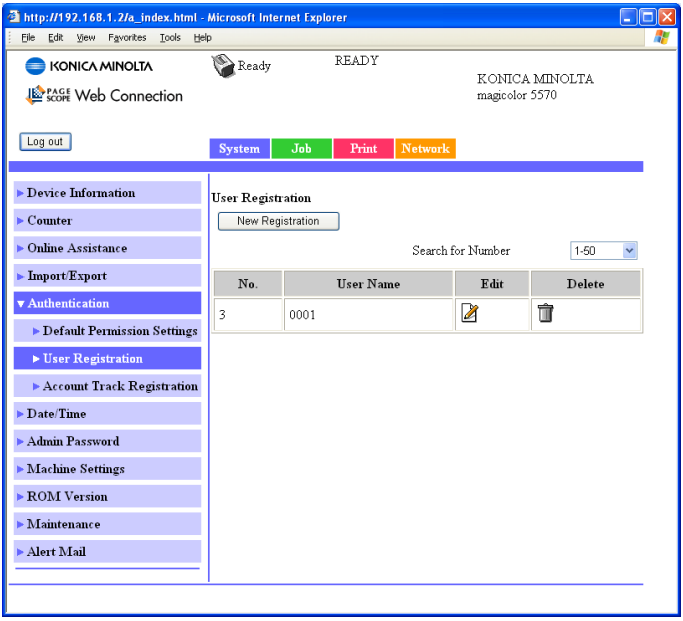
Default Permission Settings



The **System - Authentication - Default Permission Settings** window allows you to configure the following items.

Item		Description
Function Permission	Print	Select whether or not printing is permitted when public authentication is used. Choices: Allow, Restrict Default: Allow
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

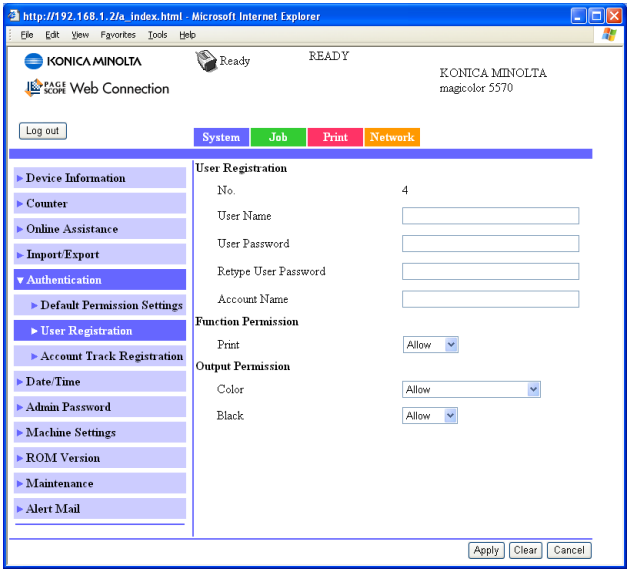
User Registration



The **System - Authentication - User Registration** window allows you to configure the following items.

Item	Description
Search for Number	Select the user registration number (No.) to be searched for. Range: 1 - 1000 Default: 1 - 50
No.	Shows the user registration number (No.) to be registered.
User Name	Shows the user name to be registered.
Edit icon	The information for the user to be registered can be edited.
Delete icon	The user to be registered can be deleted.
New Registration button	Registers a new user.

User Registration (New Registration)

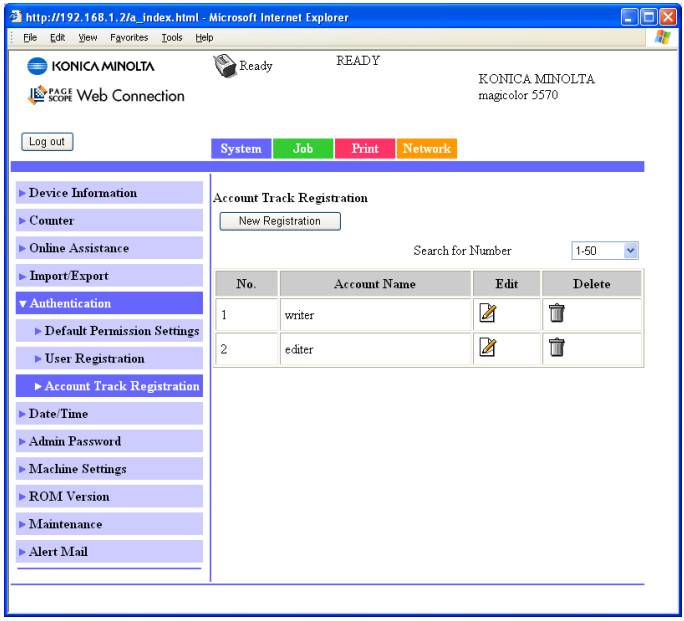


The **System - Authentication - User Registration - New Registration** window allows you to configure the following items.

Item		Description
User Registration	No.	Shows the new user registration number (No.).
	User Name	Specify the name of the new user. Range: Up to 64 characters Default: [Blank] *A user name that already exists cannot be specified.* *"Public" cannot be specified as the user name.*
	User Password	Specify the password of the new user. Range: Up to 64 characters Default: [Blank] *The User Password box can be left blank.*
	Retype User Password	Type in the new password again for confirmation. Range: Up to 64 characters Default: [Blank]

Item		Description
	Account Name	Specify the account that the user belongs to. Range: Up to 8 characters Default: [Blank] *Create the account in the **System - Authentication - Account Track Registration - New Registration** page, and then specify this setting. When specifying this setting, an account name that does not exist cannot be specified.* *This menu item appears only when both **User Authentication** and **Account Track** are set to **On** and **Synchronize User Authentication & Account Track** is set to **Synchronize** (in the **Network - Authentication - User Authentication** page).*
Function Permission	Print	Select whether or not the new user is permitted to print. Choices: Allow, Restrict Default: Allow
Output Permission	Color	Select whether or not the new user is permitted to print in color. Choices: Allow, Economy Print Mode Only, Restrict Default: Allow
	Black	Select whether or not the new user is permitted to print in black and white. Choices: Allow, Restrict Default: Allow
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.
Cancel button		Click to cancel the entered data and return to the **System - Authentication - User Registration** page.

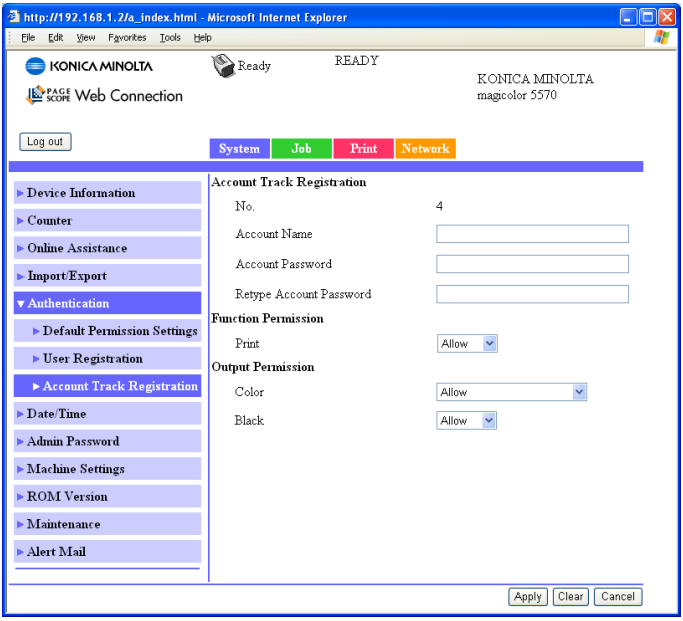
Account Track Registration



The **System - Authentication - Account Track Registration** window allows you to configure the following items.

Item	Description
Search for Number	Select the account registration number (No.) to be searched for. Range: 1 - 1000 Default: 1 - 50
No.	Shows the account registration number (No.) to be registered.
Account Name	Shows the account name to be registered.
Edit icon	The information for the account to be registered can be edited.
Delete icon	The account to be registered can be deleted.
New Registration button	Registers a new account.

Account Track Registration (New Registration)



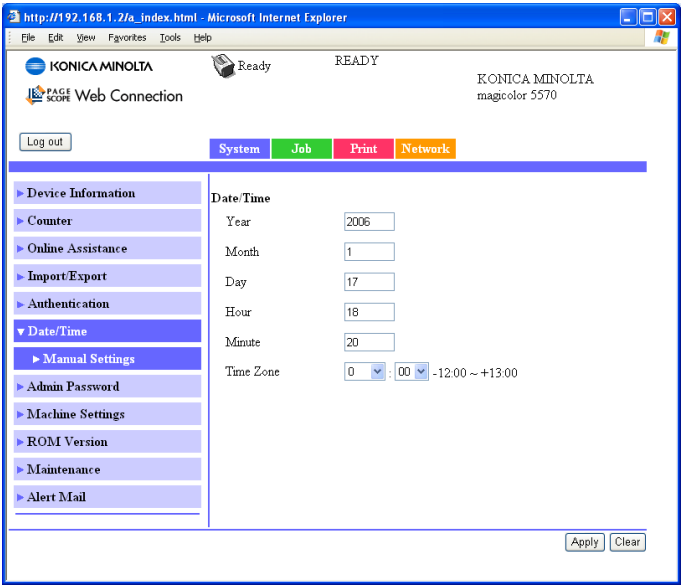
The **System - Authentication - Account Track Registration - New Registration** window allows you to configure the following items.

Item		Description
Account Track Registration	No.	Shows the new account registration number (No.).
	Account Name	Specify the name of the new account. Range: Up to 8 characters Default: [Blank] *An account name that already exists cannot be specified.*
	Account Password	Specify the password of the new account. Range: Up to 8 characters Default: [Blank]
	Retype Account Password	Type in the new password again for confirmation. Range: Up to 8 characters Default: [Blank]

Item		Description
Function Permission	Print	Select whether or not the new account is permitted to print. Choices: Allow, Restrict Default: Allow
Output Permission	Color	Select whether or not the new account is permitted to print in color. Choices: Allow, Economy Print Mode Only, Restrict Default: Allow
	Black	Select whether or not the new account is permitted to print in black and white. Choices: Allow, Restrict Default: Allow
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.
Cancel button		Click to cancel the entered data and return to the **System - Authentication - Account Track Registration** page.

Date/Time

Manual Settings

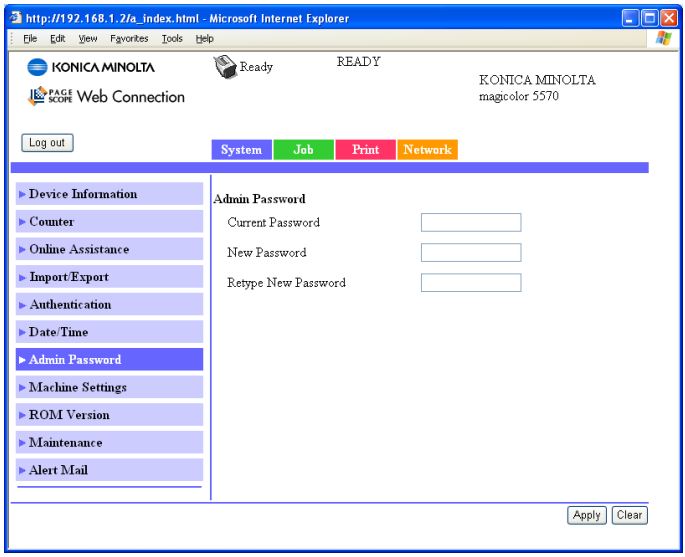


The **System - Date/Time - Manual Settings** window allows you to configure the following items:

Item	Description
Year	Specifies the year for the printer's internal clock. Configuration Menu Equivalent: SYS DEFAULT MENU - CLOCK - DATE
Month	Specifies the month for the printer's internal clock. Configuration Menu Equivalent: SYS DEFAULT MENU - CLOCK - DATE
Day	Specifies the day for the printer's internal clock. Configuration Menu Equivalent: SYS DEFAULT MENU - CLOCK - DATE
Hour	Specifies the hour for the printer's internal clock. Configuration Menu Equivalent: SYS DEFAULT MENU - CLOCK - TIME

Item	Description
Minute	Specifies the minute for the printer's internal clock. Configuration Menu Equivalent: `SYS DEFAULT MENU - CLOCK - TIME`
Time Zone	Specifies the time zone for sending e-mail notifications. Configuration Menu Equivalent: `SYS DEFAULT MENU - CLOCK - TIME ZONE`
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Admin Password



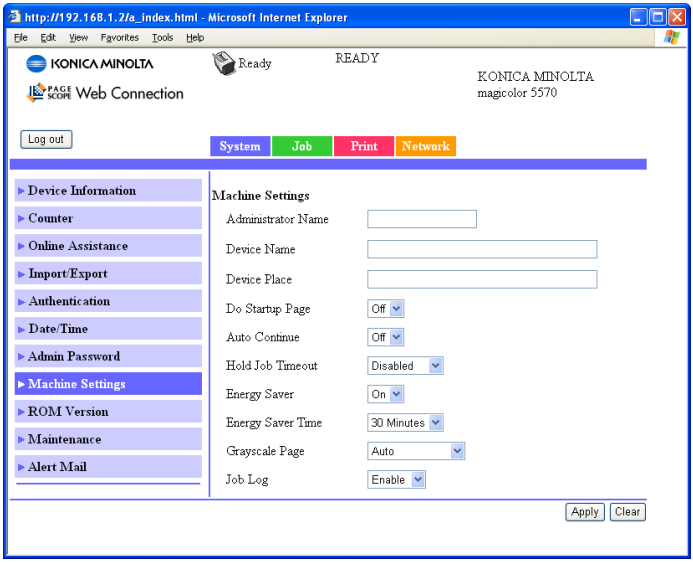
The **System - Admin Password** window allows you to configure the following items:

Item	Description
Current Password	Type in the current password. Range: Up to 16 characters Default: [Blank]
New Password	Sets a new password to enter Administrator Mode. Range: Up to 16 characters Default: [Blank] *Passwords can be set to any string of numbers and letters (uppercase and lowercase) up to 16 characters in length.*

Item	Description
Retype Password	Verifies the new password typed in the **New Password** text box. Range: Up to 16 characters Default: [Blank] *If the password typed in three text boxes doesn't match, the following message displays when you choose the **Apply** button: "Please retype the correct password." Click **OK** button, and then retype the passwords in both text boxes.*
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

If you forget the new password you've assigned, use the printer's `SYS DEFAULT MENU - RESTORE DEFAULTS - RESTORE NETWORK` menu to reset the password (and all other network configuration choices) to administrator.

Machine Settings



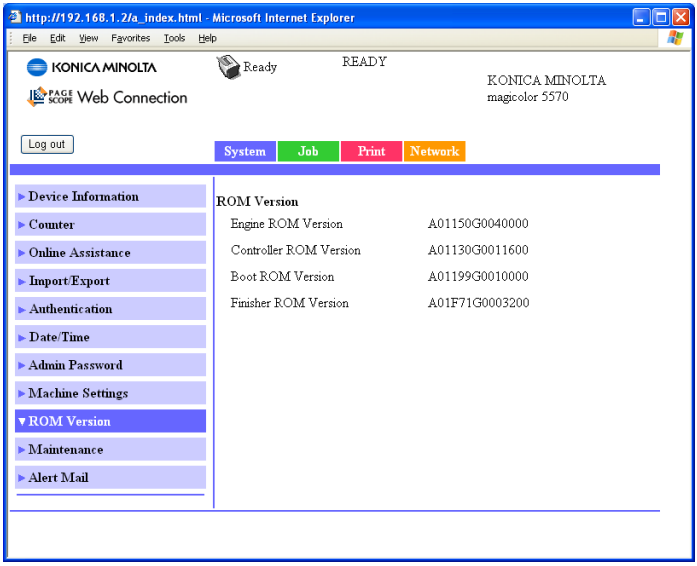
The **System - Machine Settings** window allows you to configure the following items:

Item	Description
Administrator Name	Specifies the name of the administrator for the printer. Range: Up to 255 characters Default: [Blank]
Device Name	Specifies the name of the printer. Range: Up to 255 characters Default: [Blank]
Device Place	Specifies the setup location for the printer. Range: Up to 255 characters Default: [Blank]

Item	Description
Do Startup Page	Selects whether or not a startup page is printed when the printer is turned on. Choices: On, Off Default: Off Configuration Menu Equivalent: `SYS DEFAULT MENU - STARTUP OPTIONS - DO STARTUP PAGE`
Auto Continue	Selects whether or not printing continues if the size or type of paper in the selected paper tray is different from the size or type of paper for the print job. Choices: On, Off Default: Off Configuration Menu Equivalent: `SYS DEFAULT - AUTO CONTINUE`
Hold Job Timeout	Specifies the length of time until print jobs saved on the hard disk are deleted. If Disable is selected, print jobs are not deleted at a specific time. Choices: Disabled, One Hour, Four Hours, One Day, One Week Default: Disabled Configuration Menu Equivalent: `SYS DEFAULT MENU - HOLD JOB TIMEOUT` *This menu item appears only if the optional hard disk drive is installed.*
Energy Saver	If **On** is selected, the machine will enter Energy Saver mode. If **Off** is selected, the machine will not enter Energy Saver mode. Choices: On, Off Default: On Configuration Menu Equivalent: `SYS DEFAULT MENU - ENERGY SAVER`

Item	Description
Energy Saver Time	Specifies the length of time until the machine enters Energy Saver mode. This menu item appears only when **Energy Saver** is set to **On**. Choices: 5 Minutes, 15 Minutes, 30 Minutes, 1 Hours, 3 Hours Default: 30 Minutes Configuration Menu Equivalent: `SYS DEFAULT MENU - ENERGY SAVER TIME`
Grayscale Page	Specify the operation to be performed for black-and-white pages in a job specified for color printing. If **Auto** is selected, printing is automatically performed according to the first page of the job. If **Grayscale Print** is selected, black-and-white printing is automatically performed depending on each page. If **Color Print** is selected, color printing is performed, even for a black-and-white page. Choices: Auto, Grayscale Print, Color Print Default: Auto Configuration Menu Equivalent: `SYS DEFAULT MENU - GRAYSCALE PAGE`
Job Log	Select whether or not the Job Log function is used. Choices: Enable, Disable Default: Disable *This menu item appears only if a hard disk drive or a CompactFlash card is installed.*
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

ROM Version

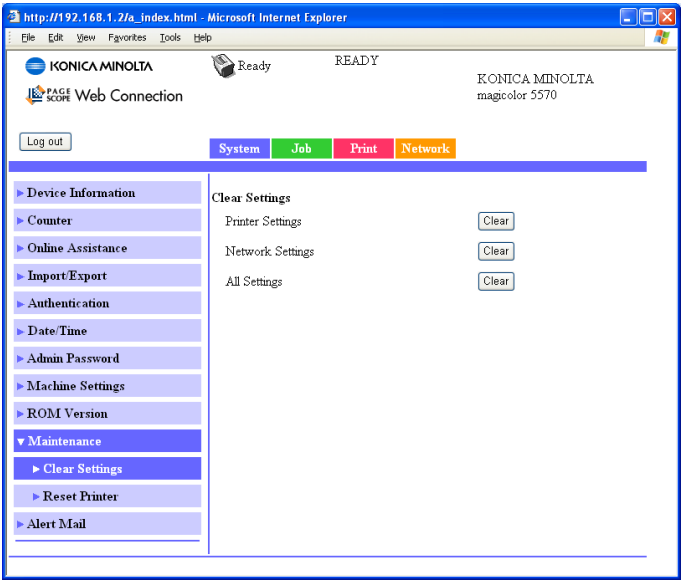


The **System - ROM Version** window provides the following information.

Item	Description
Engine ROM Version	Displays the ROM version of the printer engine.
Controller ROM Version	Displays the ROM version of the printer controller.
Boot ROM Version	Displays the ROM version of the Boot ROM.
Finisher ROM Version	Displays the ROM version of the staple finisher. *This menu item appears only if the optional staple finisher is installed.*

Maintenance

Clear Settings

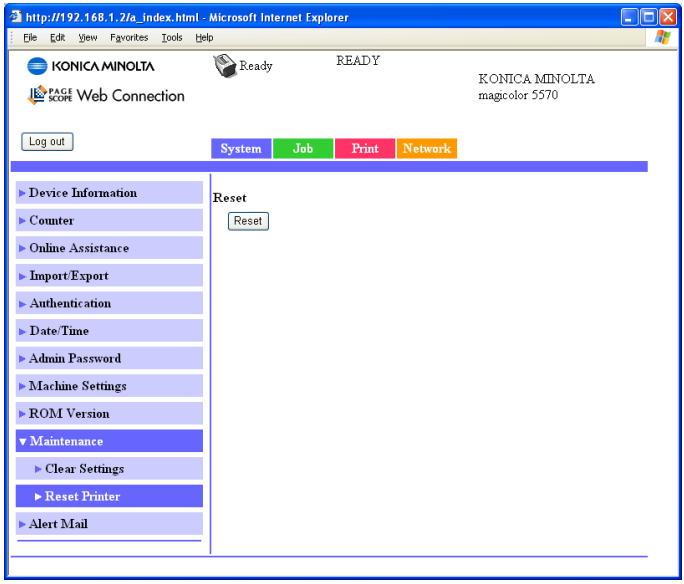


The **System - Maintenance - Clear Settings** page allows you to reset the printer settings to its factory defaults.

Item	Description
Printer Settings	Resets the printer settings to their defaults. Configuration Menu Equivalent: `SYS DEFAULT MENU - RESTORE DEFAULTS - RESTORE PRINTER`
Network Settings	Resets the network settings to their defaults. Configuration Menu Equivalent: `SYS DEFAULT MENU - RESTORE DEFAULTS - RESTORE NETWORK`
All Settings	Resets all settings to their defaults. Configuration Menu Equivalent: `SYS DEFAULT MENU - RESTORE DEFAULTS - RESTORE ALL`

Item	Description
Clear button	When clicked, the message “Is it OK to restore Factory Defaults?” appears. Click **OK** to automatically restart the printer and return the settings to their default values.

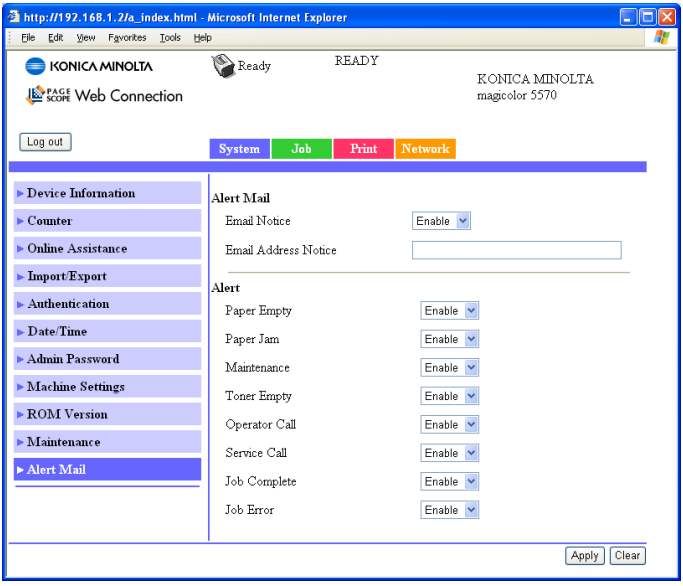
Reset Printer



The **System - Maintenance - Reset Printer** page allows you to reset the printer controller.

Item	Description
Reset button	When clicked, the message “Is it OK to reset the Printer?” appears. Click **OK** to automatically restart the printer.

Alert Mail



The **System - Alert Mail** window allows you to configure the following items:

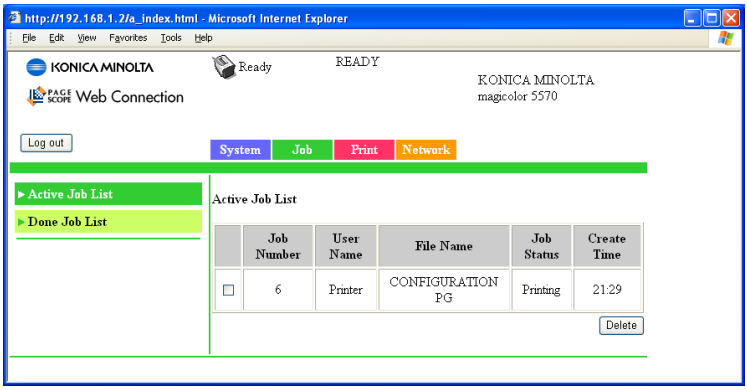
Item		Description
Alert Mail	Email Notice	Specifies whether or not a notification is sent by e-mail when a warning occurs in the printer. Choices: Enable, Disable Default: Enable
	Email Address Notice	Specifies the e-mail address where the notification is sent. Range: Up to 320 characters Default: [Blank]

Item		Description
Alert	Paper Empty	Specifies whether or not a notification is sent when the paper tray runs out of paper. Choices: Enable, Disable Default: Enable
	Paper Jam	Specifies whether or not a notification is sent when a paper misfeed occurs. Choices: Enable, Disable Default: Enable
	Maintenance	Specifies whether or not a notification is sent when the time for a periodic maintenance has been reached. Choices: Enable, Disable Default: Enable
	Toner Empty	Specifies whether or not a notification is sent when the toner is empty. Choices: Enable, Disable Default: Enable
	Operator Call	Specifies whether or not a notification is sent when the operator must be called. Choices: Enable, Disable Default: Enable
	Service Call	Selects whether or not notification is sent to the service representative when a condition occurs that requires servicing. Choices: Enable, Disable Default: Enable
	Job Complete	Specifies whether or not a notification is sent when a print job is completed correctly. Choices: Enable, Disable Default: Enable
	Job Error	Specifies whether or not a notification is sent when a job could not be printed because an error occurred. Choices: Enable, Disable Default: Enable

Item	Description
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Job Page

This page allows you to view the status of current print jobs.

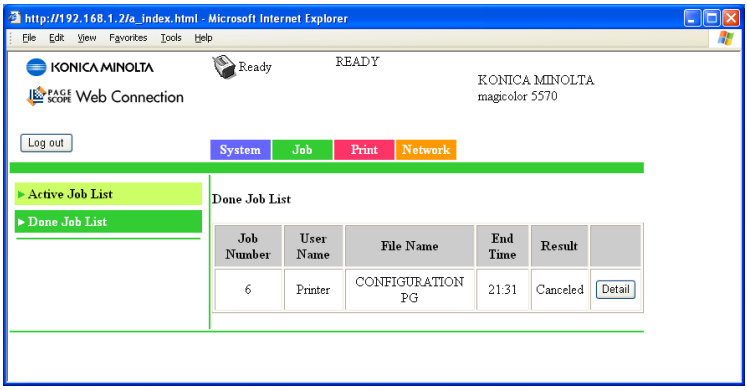


Active Job List (show above)

The **Job - Active Job List** window provides the following information for up to 49 print jobs.

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
Job Status	Displays the current status of the print job (Parsing, Printing, Cancel, Pending or Abort).
Create Time	Displays the time that the job was queued.
Delete button	Deletes the print job(s) whose check boxes in column 1 are checked.

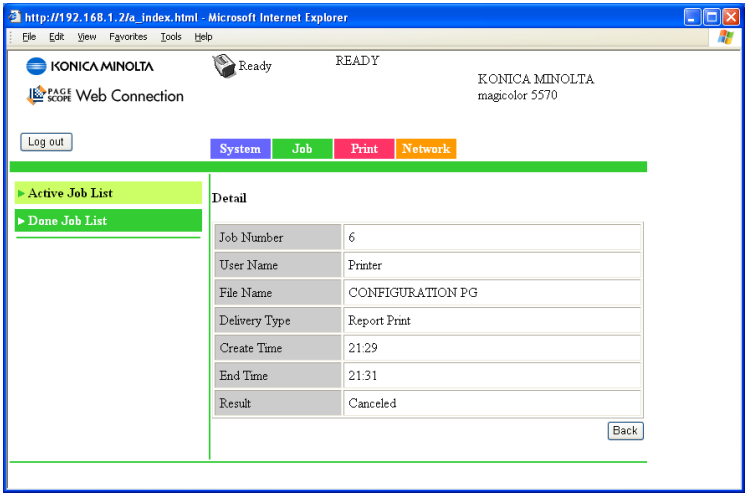
Done Job List



The **Job - Done Job List** window provides the following information for up to 49 print jobs.

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
End Time	Displays the time that printing finished.
Result	Displays the result of the print job (OK, Error, or Canceled).
Detail button	Displays a screen containing details.

Done Job List (Detail)



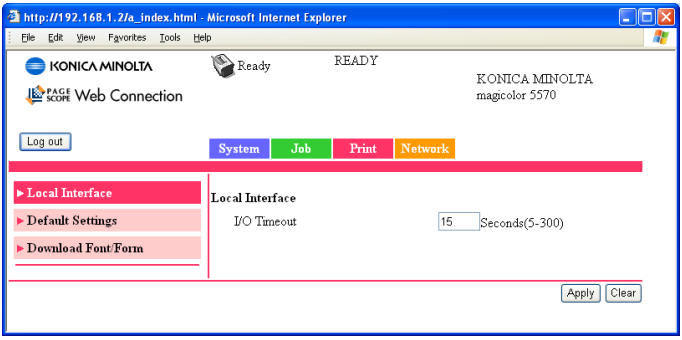
The **Job - Done Job List - Detail** window provides the following information for the selected job.

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
Delivery Type	Displays the delivery method for the job.
Create Time	Displays the time that the job was queued.
End Time	Displays the time that printing finished.
Result	Displays the result of the print job (OK, Error, or Canceled).
Back button	Returns to the previous screen.

Print Page

This page allows more detailed printer settings to be specified.

Local Interface

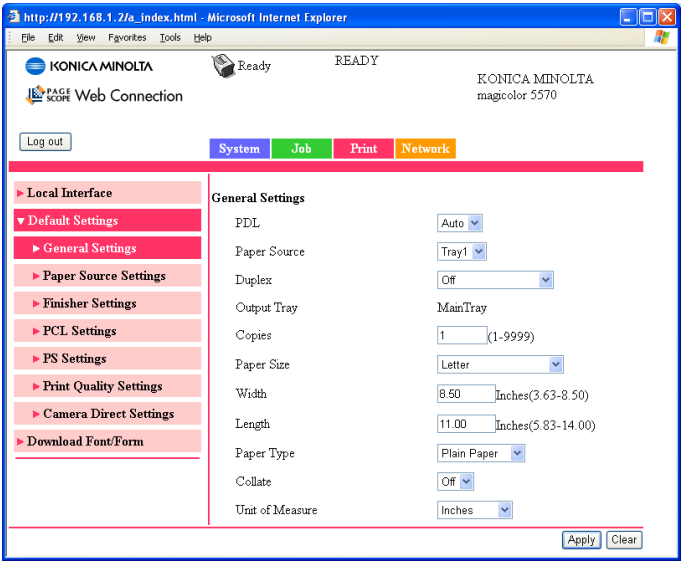


The **Print - Local Interface** window allows you to configure the following items:

Item	Description
I/O Timeout	Specifies the reception timeout (in seconds). Range: 5-300 Default: 15 Configuration Menu Equivalent: `INTERFACE MENU - JOB TIMEOUT`
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Default Settings

General Settings



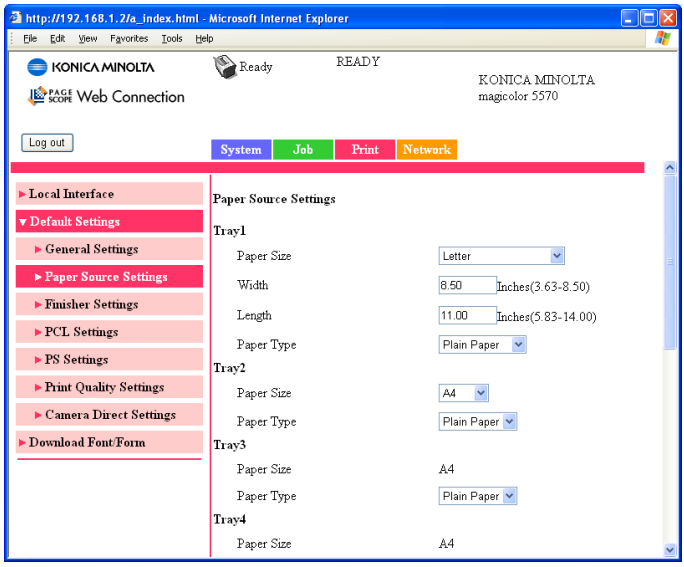
The **Print - Default Settings - General Settings** window allows you to configure the following items:

Item	Description
PDL	Selects default language to be selected. Choices: Auto, PCL, PS Default: Auto Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - DEF. EMULATION`
Paper Source	The paper tray that is normally used can be specified. Choices: Tray1, Tray2, Tray3, Tray4 Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - DEFAULT TRAY` ***Tray3*** *and* ***Tray4*** *appear only if an optional lower feeder unit are installed.*

Item	Description
Duplex	If **Long-Edge Binding** is selected, the pages will be printed on both sides of the paper for long-edge binding. If **Short-Edge Binding** is selected, the pages will be printed on both sides of the paper for short-edge binding. Choices: Off, Short-Edge Binding, Long-Edge Binding Default: Off Configuration Menu Equivalent: `PAPER MENU - DUPLEX` *This menu item appears only if the duplex option is installed.*
Output Tray	Displays the name of the output tray.
Copies	Specifies the default setting for number of copies to be printed. Range: 1-9999 Default: 1 Configuration Menu Equivalent: `PAPER MENU - COPIES`
Paper Size	Specifies the default setting for the size of paper. Configuration Menu Equivalent: `SYS DEFAULT MENU - PAPER - DEFAULT PAPER - PAPER SIZE`
Width	Specifies the paper width when **Paper Size** is set to **Custom Size**. Range: 3.63 - 8.50 (inch) / 92 - 216 (mm) Configuration Menu Equivalent: `SYS DEFAULT MENU - PAPER - DEFAULT PAPER - CUSTOM SIZE`
Length	Specifies the paper length when **Paper Size** is set to **Custom Size**. Range: 5.83 - 14.00 (inch) / 148 - 356 (mm) Configuration Menu Equivalent: `SYS DEFAULT MENU - PAPER - DEFAULT PAPER - CUSTOM SIZE`

Item	Description
Paper Type	Specifies the default setting for the type of paper. Choices: Plain Paper, Recycled, Thick 1, Thick 2, Label, Transparency, Envelope, Postcard, Letterhead, Glossy 1, Glossy 2 Default: Plain Paper Configuration Menu Equivalent: `SYS DEFAULT MENU - PAPER - DEFAULT PAPER - PAPER TYPE`
Collate	If **On** is selected, all pages in a copy of the document can be printed before printing the next copy. If **Off** is selected, all copies of the document are not printed separately. Choices: On, Off Default: Off Configuration Menu Equivalent: `PAPER MENU - COLLATE` *This menu item appears only if a hard disk drive or a CompactFlash card of 1 GB or more is installed.*
Unit of Measure	The unit for specifying the size of custom paper can be specified between inches and millimeters. Choices: Inches, Millimeters Configuration Menu Equivalent: `SYS DEFAULT MENU - PAPER - UNIT OF MEASURE`
Image Rotation	If **On** is selected, the image is rotated 180 degrees before each copy is fed out. If **Off** is selected, the image is not rotated. Choices: On, Off Default: On Configuration Menu Equivalent: `PAPER MENU - IMAGE ROTATION` *This menu item appears only if the optional staple finisher is not installed.*
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Paper Source Settings



The **Print - Default Settings - Paper Source Settings** window allows you to configure the following items:

Item		Description
Tray1	Paper Size	Specifies the setting for the size of paper loaded into Tray 1. Default: Letter (U.S. model) A4 (Other model) Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY1 - PAPER SIZE`
	Width	Specifies the paper width when **Paper Size** is set to **Custom Size**. Range: 3.63 - 8.50 (inch) / 92 - 216 (mm) Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY1 - CUSTOM SIZE`

Item		Description
	Length	Specifies the paper length when **Paper Size** is set to **Custom Size**. Range: 5.83 - 14.00 (inch) / 148 - 356 (mm) Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY1 - CUSTOM SIZE`
	Paper Type	Specifies the setting for the type of paper loaded into Tray 1. Default: Any, Plain Paper, Recycled, Thick 1, Thick2, Label, Transparency, Envelope, Postcard, Letterhead, Glossy 1, Glossy 2 Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY1 - PAPER TYPE`
Tray2	Paper Size	Specifies the setting for the size of paper loaded into Tray 2. Default: Letter (U.S. model) A4 (other model) Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY2 - PAPER SIZE`
	Paper Type	Specifies the setting for the type of paper loaded into Tray 2. Default: Any, Plain Paper, Rycycled Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY2 - PAPER TYPE`

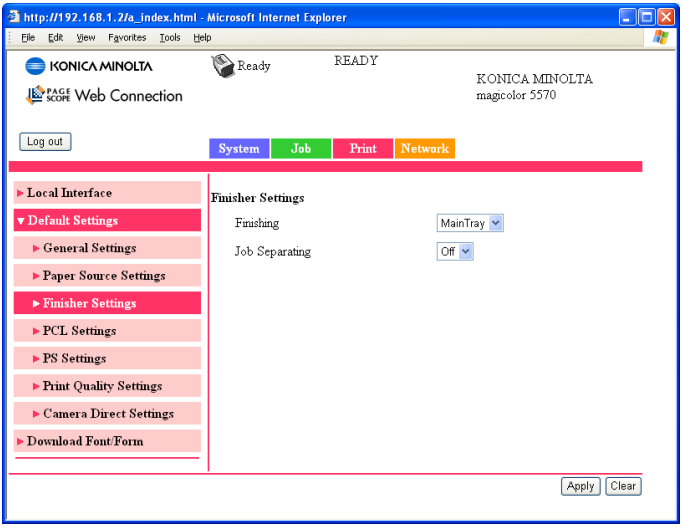
Item		Description
Tray3 This item appears only if the optional lower feeder unit is installed.	Paper Size	Displays the setting for the size of paper loaded into Tray 3. Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY3 - PAPER SIZE`
	Paper Type	Specifies the setting for the type of paper loaded into Tray 3. Default: Any, Plain Paper, Rycycled Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY3 - PAPER TYPE`
Tray4 This item appears only if the optional lower feeder unit is installed.	Paper Size	Displays the setting for the size of paper loaded into Tray 4. Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY4 - PAPER SIZE`
	Paper Type	Specifies the setting for the type of paper loaded into Tray 4. Default: Any, Plain Paper, Rycycled Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY4 - PAPER TYPE`

Item		Description
Tray Chaining	Tray Chaining	If **Enable** is selected and the specified paper tray runs out of paper during printing, a paper tray loaded with paper of the same size is automatically selected so printing can continue. If **Disable** is selected and the specified paper tray runs out of paper, printing stops. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY CHAINING`
Tray Mapping	Tray Mapping Mode	Select whether or not the Tray Mapping function is used. Choices: On, Off Default: Off Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY MAPPING - TRAY MAPPING MODE`
	Logical Tray 0-9	Select the tray that is used for printing when a print job is received from another manufacturer's printer driver. The default setting for **LogicaL Tray 1** is **Physical Tray1**. The default setting for all other trays is **Physical Tray2**. Choices: Physical Tray1, Physical Tray2, Physical Tray3, Physical Tray4 Configuration Menu Equivalent: `PAPER MENU - PAPER SOURCE - TRAY MAPPING - LOGICAL TRAY0-9` *Physical Tray3 and Physical Tray4 appear only if an optional lower feeder unit is installed.*
Apply button		Applies the configuration settings for this window.

Item	Description
Clear button	Resets all configuration settings to previous values.

Finisher Settings

This page appears only if the optional staple finisher is installed.

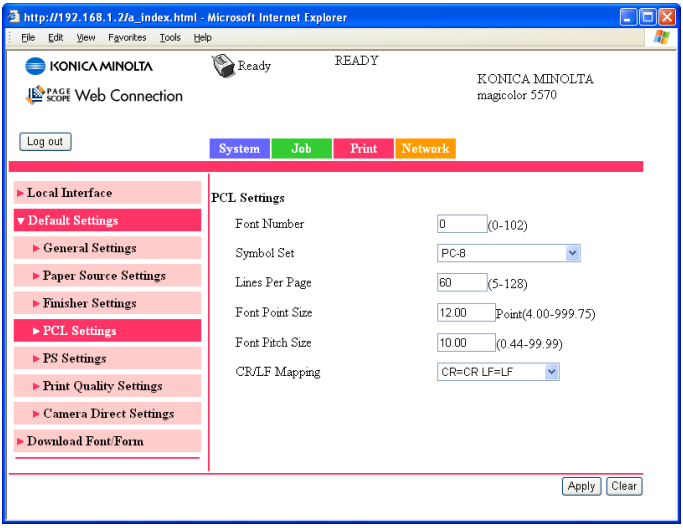


The **Print - Default Settings - Finisher Settings** window provides the following information.

Item	Description
Finishing	When **Sub Tray** is selected, the paper is fed to the sub output tray. When **Main Tray** is selected, the paper is fed to the main output tray. When **Offset** is selected, the paper is fed to the main output tray with each copy slightly shifted. When **Stapling** is selected, each copy is stapled and fed to the main output tray. Choices: Sub Tray, Main Tray, Offset, Stapling Default: Main Tray Configuration Menu Equivalent: `PAPER MENU - FINISHING`

Item	Description
Job Separating	The paper is fed to the main output tray with each print job slightly shifted. Choices: On, Off Default: Off Configuration Menu Equivalent: PAPER MENU - JOB SEPARATION
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

PCL Settings

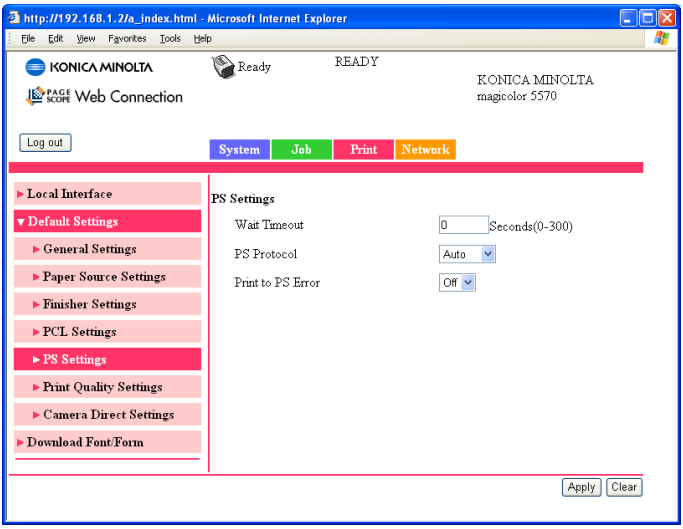


The **Print - Default Settings - PCL Settings** window allows you to configure the following items:

Item	Description
Font Number	Sets the default font in the PCL language. Range: 0 - 102 Default: 0 Configuration Menu Equivalent: SYS DEFAULT MENU - EMULATION - PCL - FONT SOURCE - FONT NUMBER

Item	Description
Symbol Set	Selects the symbol set used with the PCL language. Default: PC-8 Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - PCL - FONT SOURCE - SYMBOL SET`
Lines Per Page	Selects how many lines are in a page in PCL language. Range: 5 - 128 Default: 60 Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - PCL - LINES PER PAGE`
Font Point Size	Sets the font size in the PCL language. Range: 4.00 - 999.75 Default: 12.00 Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - PCL - FONT SOURCE - POINT SIZE`
Font Pitch Size	Sets the font pitch in the PCL language. Range: 0.44 - 99.99 Default: 10.00 Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - PCL - FONT SOURCE - PITCH SIZE`
CR/LF Mapping	Selects CR/LF code definition in PCL language. Choices: CR=CR LF=LF, CR=CRLF LF=LF, CR=CR LF=LFCR, CR=CRLF LF=LFCR Default: CR=CR LF=LF Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - PCL - CR/LF MAPPING`
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

PS Settings

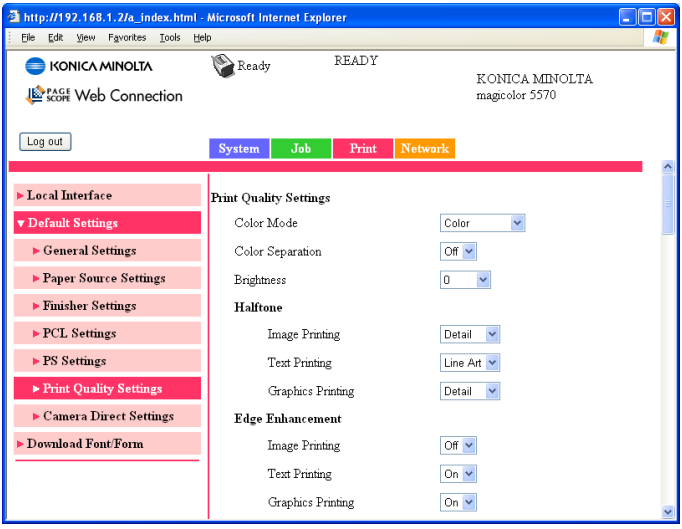


The **Print - Default Settings - PS Settings** window allows you to configure the following items:

Item	Description
Wait Timeout	Sets Postscript timeout. “0” means that no time-out control is effective. Range: 0 - 300 (in seconds) Default: 0 Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - POSTSCRIPT - WAIT TIMEOUT`
PS Protocol	Specifies the PS protocol. Choices: Auto, Normal, Binary Default: Auto Configuration Menu Equivalent: `SYS DEFAULT MENU - EMULATION - POSTSCRIPT - PS PROTOCOL`

Item	Description
Print to PS Error	Specifies whether or not error printing is performed. Choices: On, Off Default: Off Configuration Menu Equivalent: SYS DEFAULT MENU - EMULATION - POSTSCRIPT - PS ERROR PAGE
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Print Quality Settings



The **Print - Default Settings - Print Quality Settings** window allows you to configure the following items:

Item		Description
Print Quality Settings	Color Mode	If **Color** is selected, the pages are printed in full color. If **Monochrome** is selected, the pages are printed in black and white. Choices: Color, Monochrome Default: Color Configuration Menu Equivalent: QUALITY MENU - COLOR MODE

Item		Description
	Color Separation	If **On** is selected, color separation is performed. If **Off** is selected, color separation is not performed. Choices: On, Off Default: Off Configuration Menu Equivalent: QUALITY MENU - COLOR SEPARATION
	Brightness	Specifies the brightness of the printed image. Choices: +15%, +10%, +5%, 0, -5%, -10%, -15% Default: 0 Configuration Menu Equivalent: QUALITY MENU - BRIGHTNESS
	Halftone (Image/ Text/Graphics Printing)	Specifies how halftones are reproduced. If **Line Art** is selected, halftones are reproduced with high precision. If **Detail** is selected, halftones are reproduced with detail. If **Smooth** is selected, halftones are reproduced with smoothness. Choices: Line Art, Detail, Smooth Default: Detail (Image/Graphics) Line Art (Text) Configuration Menu Equivalent: QUALITY MENU - HALFTONE - IMAGE/TEXT/GRAPHICS PRINTING

Item		Description
	Edge Enhancement (Image/Text/Graphics Printing)	Select whether image/text/graphics edges are emphasized. If **On** is selected, the edges are emphasized. If **Off** is selected, the edges are not emphasized. Choices: On, Off Default: Off (Image) On (Text / Graphics) Configuration Menu Equivalent: `QUALITY MENU - EDGE ENHANCEMENT –IMAGE/ TEXT/GRAPHICS PRINTING`
	Edge Strength	Select the desired amount that edges are emphasized. If **Off** is selected, the edges are not emphasized. If **Low** is selected, the edges are slightly emphasized. If **Middle** is selected, the edges are emphasized by an average amount. If **High** is selected, the edges are highly emphasized. Choices: Off, Low, Middle, High Default: Middle Configuration Menu Equivalent: `QUALITY MENU - EDGE STRENGTH`

Item		Description
	Economy Print Mode	Select whether to print graphics with a reduced density by reducing the amount of toner that is used. When Economy Print Mode is enabled, the amount of toner used is reduced when printing many drawings. Choices: On, Off Default: Off Configuration Menu Equivalent: `QUALITY MENU - ECONOMY PRINT` *If **Glossy Mode** is set to **On**, the amount of toner used is not reduced when printing, even if **On** was selected for this menu.*
	Glossy Mode	Select whether to relax the limitations on the amount of toner used in order to widen the color reproduction range and produce glossy prints. Choices: On, Off Default: Off Configuration Menu Equivalent: `QUALITY MENU - GLOSSY MODE` *If **On** is selected, the amount of toner used is not reduced when printing, even if **Economy Print Mode** is set to **On**.*
PCL Settings	Contrast	Specifies the contrast of the image. Choices: +15%, +10%, +5%, 0, -5%, -10%, -15% Default: 0 Configuration Menu Equivalent: `QUALITY MENU - PCL SETTING - CONTRAST`

Item		Description
	Image/Text/ Graphics Printing (Source)	Specifies the color space for RGB data. Choices: Device Color, sRGB Default: sRGB Configuration Menu Equivalent: `QUALITY MENU - PCL SETTING - IMAGE/TEXT/ GRAPHICS PRINTING - RGB SOURCE`
	Image/Text/ Graphics Printing (Intent)	Specifies the color intent to be used on conversion RGB to CMYK by printer. Choices: Vivid, Photographic Default: Photographic (Image) Vivid (Text/Graphics) Configuration Menu Equivalent: `QUALITY MENU - PCL SETTING - IMAGE/TEXT/ GRAPHICS PRINTING - RGB INTENT`
	Image/Text/ Graphics Printing (Gray Treatment)	Specifies the method to reproduce RGB black and gray. Choices: Composite Black, Black and Gray, Black Only Default: Composite Black (Image) Black and Gray (Text/Graphics) Configuration Menu Equivalent: `QUALITY MENU - PCL SETTING - IMAGE/TEXT/ GRAPHICS PRINTING - RGB GRAY`

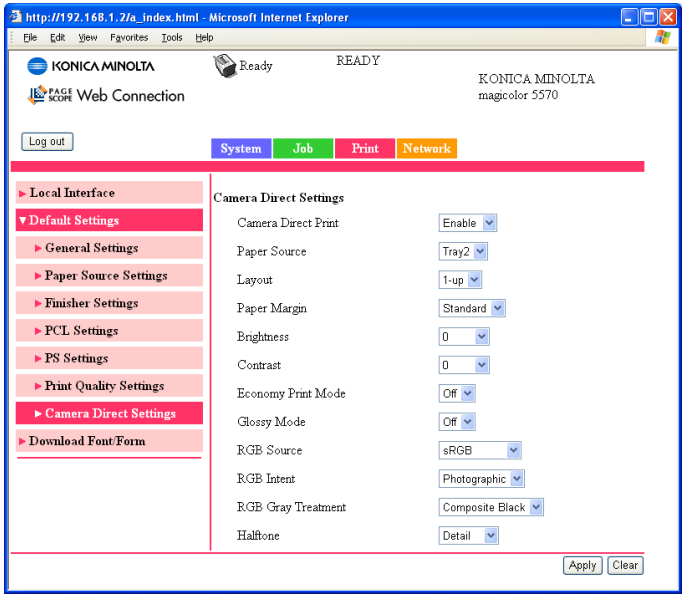
Item		Description
PS Settings	Image/Text/ Graphics Printing (RGB Source)	Specifies the color space for RGB data. Choices: Device Color, sRGB, AppleRGB, AdobeRGB1998, ColorMatchRGB, BlueAdjustRGB, Custom Profile Default: sRGB Configuration Menu Equivalent: `QUALITY MENU - PS SETTING - IMAGE/TEXT/ GRAPHICS PRINTING - RGB SOURCE`
	Image/Text/ Graphics Printing (RGB Intent)	Specifies the color intent to be used on conversion RGB to CMYK by printer. Choices: Vivid, Photographic, Relative Color, Absolute Color Default: Photographic (Image) Vivid (Text/Graphics) Configuration Menu Equivalent: `QUALITY MENU - PS SETTING - IMAGE/TEXT/ GRAPHICS PRINTING - RGB INTENT`
	Image/Text/ Graphics Printing (RGB Gray Treatment)	Specifies the method to reproduce RGB black and gray. Choices: Composite Black, Black and Gray, Black Only Default: Composite Black (Image) Black and Gray (Text/Graphics) Configuration Menu Equivalent: `QUALITY MENU - PS SETTING - IMAGE/TEXT/ GRAPHICS PRINTING - RGB GRAY`

Item		Description
	Image/Text/ Graphics Printing (Destination Profile)	Specifies the ICC destination profile to be used for printed output. Choices: Auto, Custom Profile Default: Auto Configuration Menu Equivalent: `QUALITY MENU - PS SETTING - IMAGE/TEXT/ GRAPHICS PRINTING - DESTINATION PROF`
	Simulation (Profile)	Specifies the specific ICC simulation profile to be used for printed output. Choices: None, SWOP, Euroscale, CommercialPress, TOYO, DIC, Custom Profile Default: None Configuration Menu Equivalent: `QUALITY MENU - PS SETTING - SIMULATION - SIMULATION PROF`
	Simulation (Intent)	Specifies the simulation intent to be used for simulation printing. Choices: Relative Color, Absolute Color Default: Relative Color Configuration Menu Equivalent: `QUALITY MENU - PS SETTING - SIMULATION - SIMULATION INTENT`
	Simulation (CMYK Gray Treatment)	Specifies the method to reproduce CMYK black and gray for simulation printing. Choices: Composite Black, Black and Gray, Black Only Default: Composite Black Configuration Menu Equivalent: `QUALITY MENU - PS SETTING - SIMULATION - CMYK GRAY`

Item		Description
Calibration Settings	Tone Calibration	If **On** is indicated, image adjustments are applied. If **Off** is indicated, image adjustments are not applied. Choices: On, Off Default: On Configuration Menu Equivalent: `QUALITY MENU - CALIBRATION - TONE CALIBRATION`
	Cyan/Magenta/ Yellow/Black Density (Highlight)	Specifies the density of the highlight color. Choices: +3, +2, +1, 0, -1, -2, -3 Default: 0 Configuration Menu Equivalent: `QUALITY MENU - CALIBRATION - CMYK DENSITY - CYAN/ MAGENTA/YELLOW/BLACK - HIGHLIGHT`
	Cyan/Magenta/ Yellow/Black Density (Middle)	Specifies the density of the middle color. Choices: +3, +2, +1, 0, -1, -2, -3 Default: 0 Configuration Menu Equivalent: `QUALITY MENU - CALIBRATION - CMYK DENSITY - CYAN/ MAGENTA/YELLOW/BLACK - MIDDLE`
	Cyan/Magenta/ Yellow/Black Density (Shadow)	Specifies the density of the shadow color. Choices: +3, +2, +1, 0, -1, -2, -3 Default: 0 Configuration Menu Equivalent: `QUALITY MENU - CALIBRATION - CMYK DENSITY - CYAN/ MAGENTA/YELLOW/BLACK - SHADOW`
Apply button		Applies the configuration settings for this window.

Item	Description
Clear button	Resets all configuration settings to previous values.

Camera Direct Settings



The **Print - Default Settings - Camera Direct Settings** allows you to configure the following items:

Item	Description
Camera Direct Print	If **Enable** is selected, camera direct printing is enabled. If **Disable** is selected, camera direct printing is disabled. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `INTERFACE MENU - CAMERA DIRECT`
Paper Source	Specifies the tray that is used for camera direct printing. Choices: Tray1, Tray2, Tray3, Tray4 Default: Tray2 Configuration Menu Equivalent: `CAMERA DIRECT - PAPER SOURCE` ***Tray3*** *and* ***Tray4*** *appear only if the optional lower feeder units are installed.*
Layout	Specifies the number of images printed on a single sheet of media. If **1-up** is selected, only one image will be printed on a single sheet of media. Choices: 1-up, 2-up, 3-up, 4-up, 6-up, 8-up Default: 1-up Configuration Menu Equivalent: `CAMERA DIRECT - LAYOUT`
Paper Margin	Specifies the size of the media margins (area that is not printed in). If **Standard** is selected, the standard media margin size is specified. If **Minimum** is selected, the media margins are reduced. Choices: Standard, Minimum Default: Standard Configuration Menu Equivalent: `CAMERA DIRECT - PAPER MARGIN`
Brightness	Specifies the brightness of the printed image. Choices: -15%, -10%, -5%, 0, +5%, +10%, +15% Default: 0 Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - BRIGHTNESS`

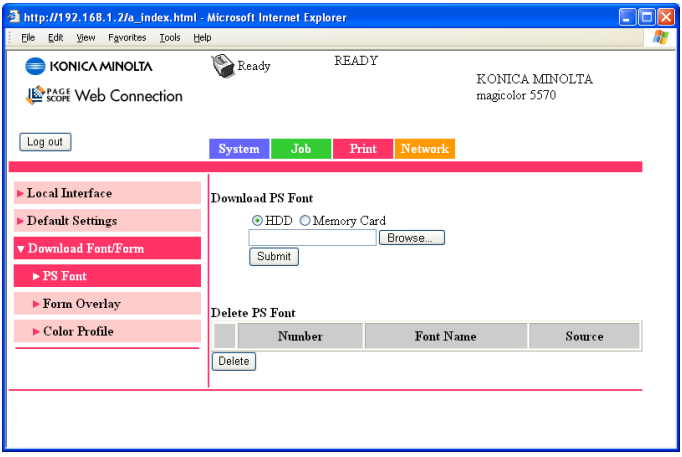
Item	Description
Contrast	Specifies the contrast of the image. Choices: -15%, -10%, -5%, 0, +5%, +10%, +15% Default: 0 Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - CONTRAST`
Economy Print Mode	Select whether to print graphics with a reduced density by reducing the amount of toner that is used. When Economy Print Mode is enabled, the amount of toner used is reduced when printing many drawings. Choices: On, Off Default: Off Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - ECONOMY PRINT` *If **Glossy Mode** is set to **On**, the amount of toner used is not reduced when printing, even if **On** was selected for this menu.*
Glossy Mode	Select whether to relax the limitations on the amount of toner used in order to widen the color reproduction range and produce glossy prints. Choices: On, Off Default: Off Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - GLOSSY MODE` *If **On** is selected, the amount of toner used is not reduced when printing, even if **Economy Print Mode** is set to **On**.*
RGB Source	Specifies the color space for RGB image data. If **Device Color** is selected, the device profile of this printer is used. Choices: Device Color, sRGB Default: sRGB Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - RGB SOURCE`

Item	Description
RGB Intent	Specifies the characteristic applied when converting RGB image data to CMYK data. If **Vivid** is selected, a vivid output is produced. If **Photographic** is selected, a brighter output is produced. Choices: Vivid, Photographic Default: Photographic Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - RGB INTENT`
RGB Gray Treatment	Specifies how black and grays are reproduced in RGB image data. If **Composite Black** is selected, black is reproduced using the CMYK colors. If **Black And Gray** is selected, black and gray are reproduced using black only. If **Black Only** is selected, black is reproduced using only black. Choices: Composite Black, Black And Gray, Black Only Default: Composite Black Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - RGB GRAY`
Halftone	Specifies how halftones are reproduced. If **Line Art** is selected, halftones are reproduced with high precision. If **Detail** is selected, halftones are reproduced with detail. If **Smooth** is selected, halftones are reproduced with smoothness. Choices: Line Art, Detail, Smooth Default: Detail Configuration Menu Equivalent: `CAMERA DIRECT - IMAGE QUALITY - HALFTONE`
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Download Font/Form

This page appears only if a hard disk drive or a CompactFlash card is installed.

PS Font



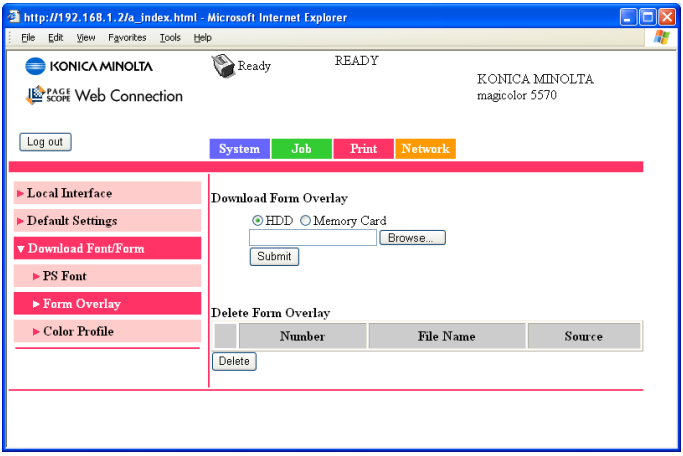
The printer must have the optional hard disk to use the PS Font parameters described below.

The **Print - Download Font/Form - PS Font** window allows you to configure the following items:

Item		Description
Download PS Font	Radio button	Specifies the download destination (HDD/ Memory Card) of the font.
	Text box	Specifies the file name for the PostScript font to be downloaded.
	Browse button	Displays a dialog box for browsing to the PostScript font file.
	Submit button	Sends the specified PostScript font file to the printer.
Delete PS Font	Check box	Select the check box of the font to be deleted, and then click **Delete** to delete the selected font from the printer.
	Number	Displays the control number of the font.
	Font Name	Displays the name of the fonts.
	Source	Displays the storage source of the font.

Item	Description
Delete button	Deletes the PostScript font file(s) whose check boxes the left end are checked.

Form Overlay

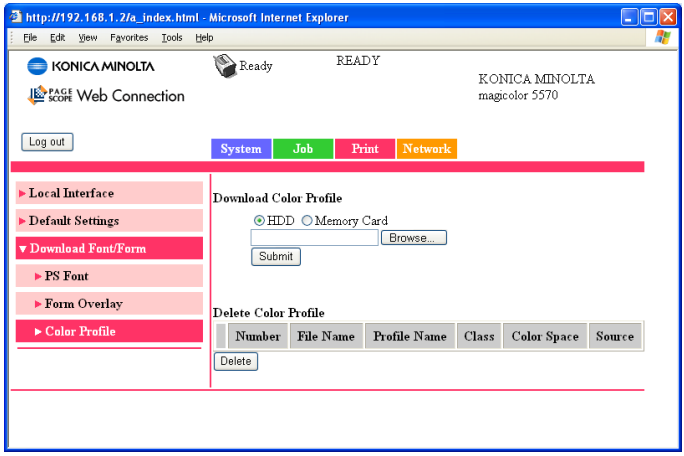


The **Print - Download Font/Form - Form Overlay** window allows you to configure the following items:

Item		Description
Download Form Overlay	Radio button	Specifies the download destination (HDD/ Memory Card) of the form overlay file.
	Text box	Specifies the file name for the form overlay to be downloaded.
	Browse button	Displays a dialog box for browsing to the form overlay file.
	Submit button	Sends the specified form overlay file to the printer.
Delete Form Overlay	Check box	Select the check box of the form overlay file to be deleted, and then click **Delete** to delete the selected form overlay from the printer.
	Number	Displays the control number of the overlay.
	File Name	Displays the name of the overlays.

Item		Description
	Source	Displays the storage source of the form overlay.
Delete button		Deletes the PostScript font file(s) whose check boxes the left end are checked.

Color Profile



The **Print - Download Font/Form - Color Profile** window allows you to configure the following items:

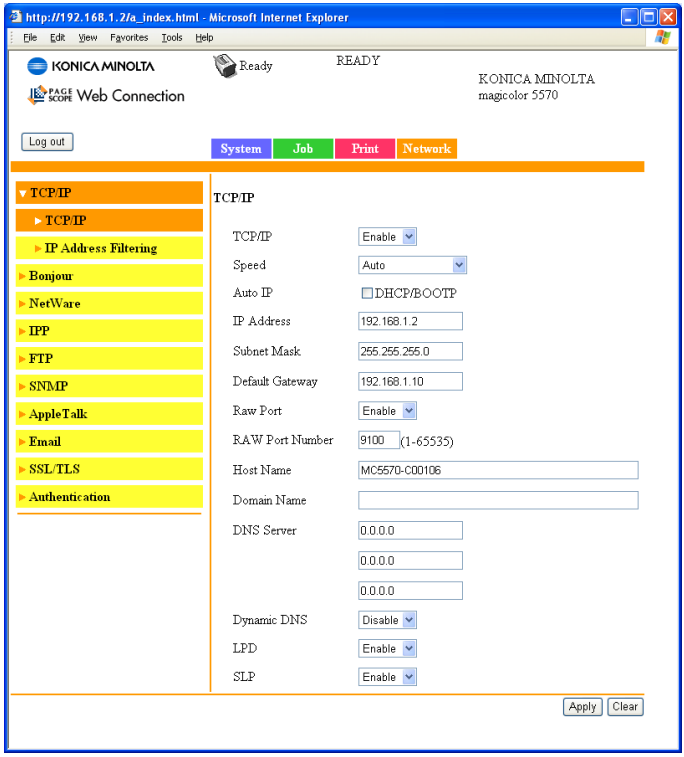
Item		Description
Download Color Profile	Radio button	Specifies the download destination (HDD/ Memory Card) of the color profile.
	Text box	Specifies the file name for the color profile to be downloaded.
	Browse button	Displays a dialog box for browsing to the color profile file.
	Submit button	Sends the specified color profile file to the printer.
Delete Color Profile	Check box	Select the check box of the color profile file to be deleted, and then click **Delete** to delete the selected color profile from the printer.
	Number	Displays the control number of the color profile.
	File Name	Displays the name of the color profile.

Item		Description
	Profile Name	Displays the name of the color profile.
	Class	Displays the type of color profile.
	Color Space	Displays the color space for the color profile.
	Source	Displays the storage source of the color profile.
Delete button		Deletes the PostScript font file(s) whose check boxes the left end are checked.

When Download Manager is being used, long file names cannot be specified for downloaded form overlays or color profiles. Make sure that file names comply with the 8.3 format (MS-DOS file name format). In addition, file names consisting of a maximum of 31 characters can be specified with the printer driver.

Network Page

This page allows you to configure network settings. For more information on these protocols, see chapter 6, “Network Printing.”



TCP/IP

TCP/IP (shown above)

The **Network - TCP/IP - TCP/IP** window allows you to configure the following items. For more information on these TCP/IP, see chapter 6, “Network Printing.”

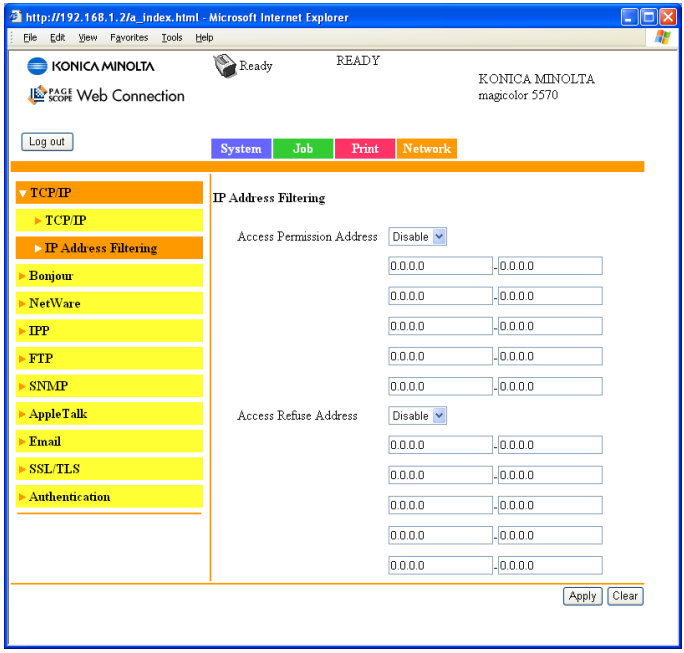
Item	Description
TCP/IP	Sets whether or not to use TCP/IP. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - TCP/IP - ENABLE`

Item	Description
Speed	Specifies the operating mode and speed for Ethernet. Choices: Auto, 10Base-T(Half), 10Base-T(Full), 100Base-TX(Half), 100Base-TX(Full), 1000Base-T(Full) Default: Auto Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - SPEED/DUPLEX`
Auto IP	Specifies the automatic assigning method for the printer IP address. Choices: DHCP/BOOTP Default: Checked Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - TCP/IP - DHCP/BOOTP`
IP Address*	Sets the printer's IP address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 *If the specified IP address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value.* Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - TCP/IP - IP ADDRESS`
Subnet Mask*	Sets the printer's subnet mask address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 *If the specified subnet mask address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value.* Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - TCP/IP - SUBNET MASK`

Item	Description
Default Gateway*	If a router is used on the network, sets the router's address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 *If the specified router address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value.* Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - TCP/IP - DEFAULT GATEWAY`
Raw Port	Select whether or not RAW port is used. Choices: Enable, Disable Default: Enable
RAW Port Number	Identifies the number of the printer's RAW port. Choices: 1 - 65535 Default: 9100
Host Name	Specifies the host name. Range: Up to 63 characters Default: MC5570-xxxxxx MC5550-xxxxxx *xxxxxx displays six last digits of the MAC address in hexadecimals.*
Domain Name	Specifies the domain name. Range: Up to 63 characters Default: [Blank]
DNS Server	Specifies the DNS server. Up to three can be registered. Default: 0.0.0.0
Dynamic DNS	Select whether or not Dynamic DNS is used. Choices: Enable, Disable Default: Disable
LPD	Select whether or not LPD is used. Choices: Enable, Disable Default: Enable

Item	Description
SLP	Select whether or not SLP is used. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.
* Always enter these addresses without leading zeros. For example, 131.011.010.001 should be entered as 131.11.10.1.	

IP Address Filtering



The **Network - TCP/IP - IP Address Filtering** page allows you to specify the IP address and limitations for accessing the printer.

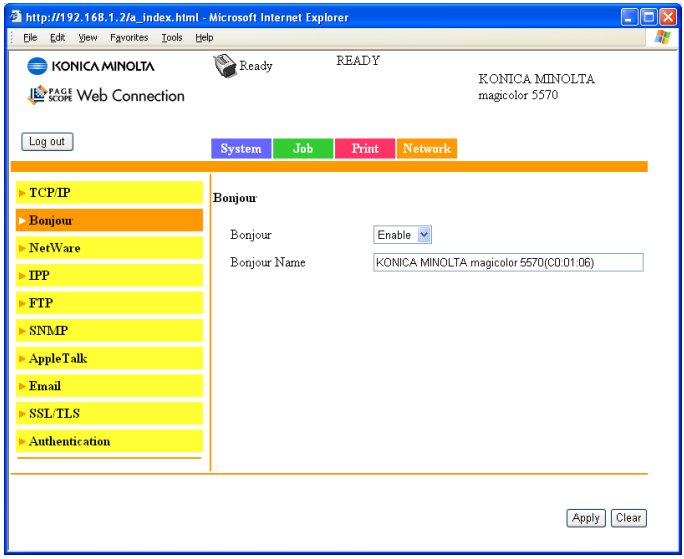
The settings described below are not applied to the DNS server and DHCP server.

*If the range of permitted IP addresses in **Access Permission Address** overlaps the range of refused IP address in **Access Refuse Address**, the refuse setting of **Access Refuse Address** is given priority.*

Item	Description
Access Permission Address	If **Enable** is selected, the range of IP addresses permitted access to the printer can be specified. A maximum of five ranges of permitted IP addresses can be specified. In addition, access from an IP address out of the specified range is prohibited. If **Disable** is selected, the permitted access setting is disabled. Choices: Enable, Disable Default: Disable

Item	Description
Range of IP address permitted access	Specify the range of IP addresses permitted access to the printer. Type the IP address at the beginning of the range into the box on the left, and the IP address at the end of the range into the box on the right. Range: 0-255 for each xxx triplet Default: 0.0.0.0 *To specify a single IP address, type the same IP address into both the box for the starting IP address and for the ending IP address, or type "0.0.0.0" into the box for either the starting IP address or the ending IP address.* *If the starting IP address is larger than the ending IP address, the setting is not applied.*
Access Refuse Address	If **Enable** is selected, the range of IP addresses refused access to the printer can be specified. A maximum of five ranges of refused IP addresses can be specified. If **Disable** is selected, the refused access setting is disabled. Choices: Enable, Disable Default: Disable
Range of IP address refused access	Specify the range of IP addresses refused access to the printer. Type the IP address at the beginning of the range into the box on the left, and the IP address at the end of the range into the box on the right. Range: 0-255 for each xxx triplet Default: 0.0.0.0 *To specify a single IP address, type the same IP address into both the box for the starting IP address and for the ending IP address, or type "0.0.0.0" into the box for either the starting IP address or the ending IP address.* *If the starting IP address is larger than the ending IP address, the setting is not applied.*
Apply button	Applies the configuration settings in this page.
Clear button	Resets all configuration settings to previous values.

Bonjour

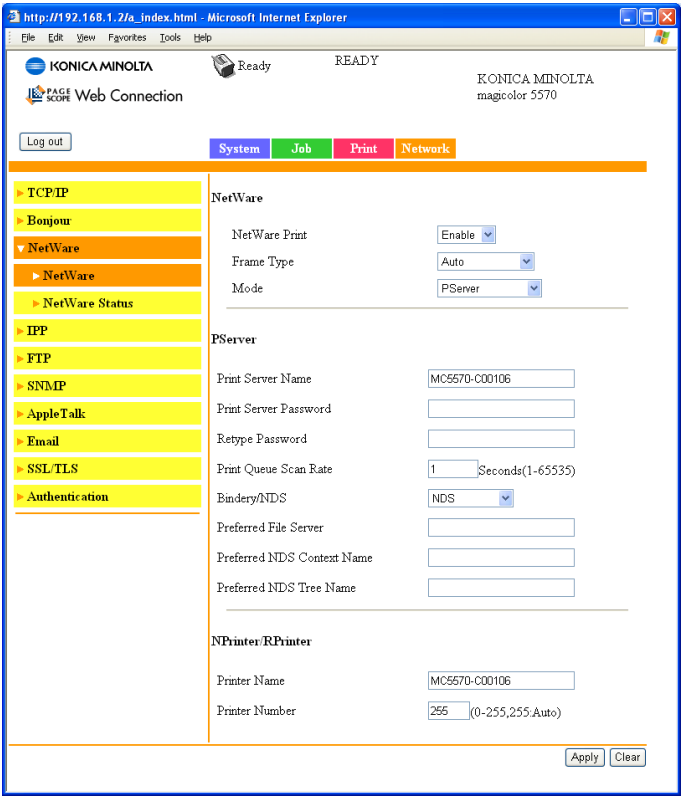


The **Network - Bonjour** page allows you to configure the following items.

Item	Description
Bonjour	Select whether to enable or disable the Bonjour function. Choices: Enable, Disable Default: Enable
Bonjour Name	Specify the Bonjour name for the printer. Range: Up to 63 characters Default: KONICA MINOLTA magicolor 5570(xx:xx:xx) KONICA MINOLTA magicolor 5550(xx:xx:xx) *"xx:xx:xx" refers to the last six digits of the MAC address (in hexadecimal).*
Apply button	Applies the configuration settings in this page.
Clear button	Resets all configuration settings to previous values.

NetWare

NetWare



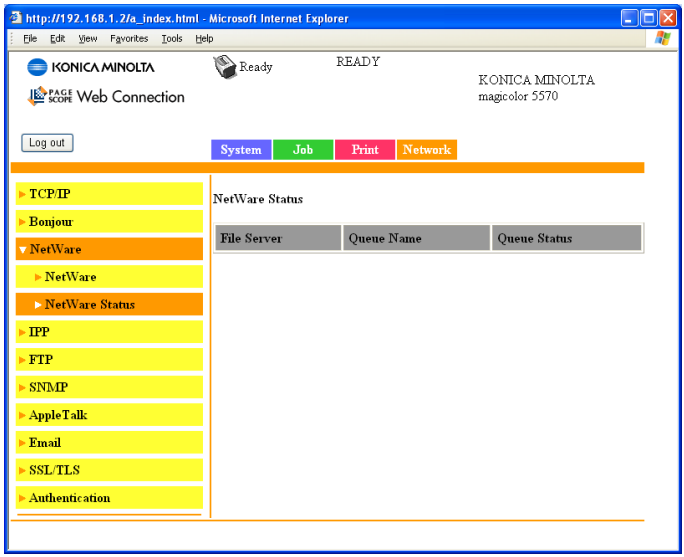
The **Network - NetWare - NetWare** window allows you to configure the following items:

Item		Description
NetWare	NetWare Print	Enables or Disables the NetWare print option. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - NETWARE - ENABLE`

Item		Description
	Frame Type	Specifies the Frame Type. Choices: Auto, Ethernet802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP Default: Auto
	Mode	Specifies the NetWare Configuration mode. Choices: Disable, PServer, NPrinter/ RPrinter Default: PServer
PServer	Print Server Name	Sets the Print Server Name for the printer. Range: Up to 63 characters Default: MC5570-xxxxxx MC5550-xxxxxx *xxxxxx displays six last digits of the MAC address in hexadecimals.*
	Print Server Password	Sets the Print Server password. Range: Up to 31 characters Default: [Blank]
	Retype Password	Verifies the new password typed in the Print Server Password text box. Range: Up to 31 characters Default: [Blank]
	Print Queue Scan Rate	Sets the number of the queue scan interval. Range: 1 - 65535 (Seconds) Default: 1
	Bindery/NDS	Specifies the bindery options. Choices: NDS, Bindery/NDS, Bindery Default: NDS
	Preferred File Server	Sets the Preferred File Server for the printer. Range: Up to 47 characters Default: [Blank]

Item		Description
	Preferred NDS Context Name	Sets the Preferred NDS Context for the printer. Range: Up to 191 characters Default: [Blank]
	Preferred NDS Tree Name	Sets the Preferred NDS Tree for the printer. Range: Up to 63 characters Default: [Blank]
NPrinter/ RPrinter	Printer Name	Sets the printer's name. Range: Up to 63 characters Default: MC5570-xxxxxx MC5550-xxxxxx *xxxxxx displays six last digits of the MAC address in hexadecimals.*
	Printer Number	Sets the Printer Number. Range: 0 - 255 Default: 255
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

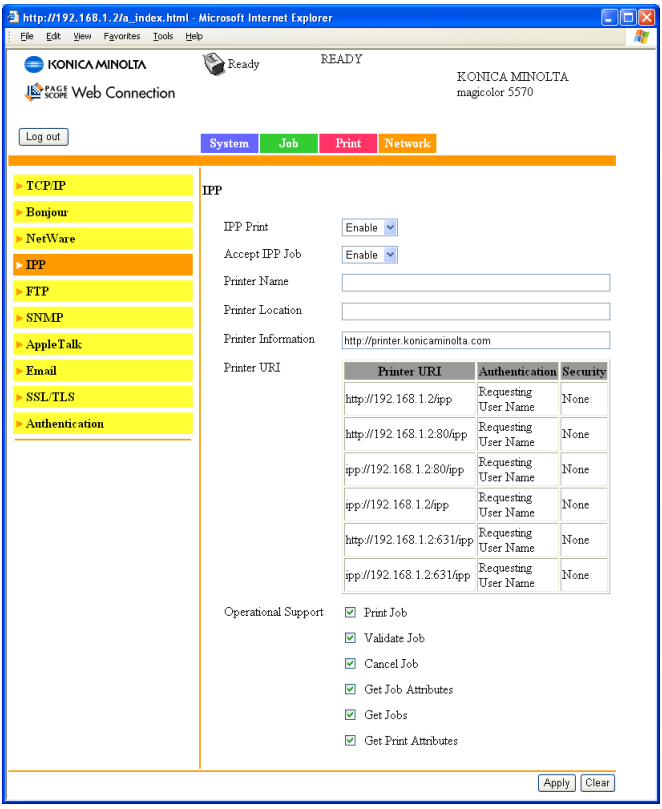
NetWare Status



The **Network - NetWare - NetWare Status** window allows you to configure the following items:

Item	Description
File Server	Identifies current NetWare File Server.
Queue Name	Identifies current NetWare queue name.
Queue Status	Identifies current NetWare status.

IPP



The **Network - IPP** window allows you to configure the following items. For details on IPP, refer to chapter 6, “Network Printing.” In order to apply the settings, the printer must be turned off, then on again after the setting is specified.

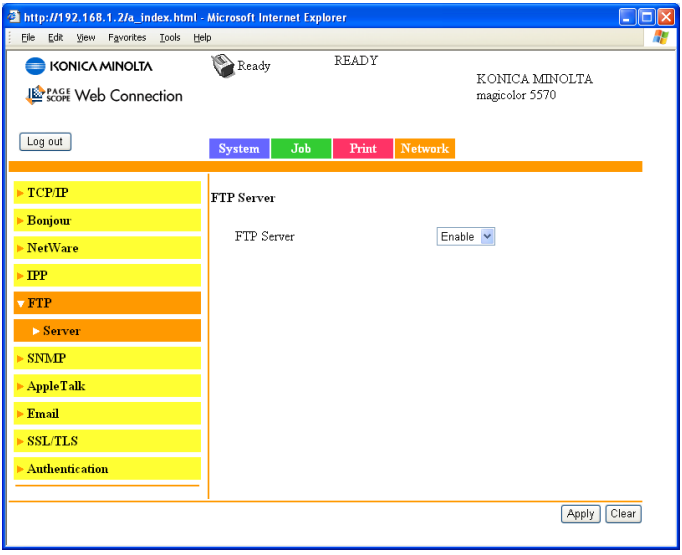
Item	Description
IPP Print	Sets whether or not to use IPP. Choices: Enable, Disable Default: Enable
Accept IPP Job	Sets whether or not to accept IPP Job. Choices: Enable, Disable Default: Enable
Printer Name	Sets the printer’s name. Range: Up to 127 characters Default: [Blank]

Item	Description
Printer Location	Sets the printer's location. Range: Up to 127 characters Default: [Blank]
Printer Information	Specifies the printer information. Range: Up to 127 characters Default: [Blank]
Printer URI	Specifies the printer's Uniform Resource Identifier (URI), authentication, and security. Range: Non-configurable Defaults: ■ http://<IP_address>/ipp RequestingUserName None ■ http://<IP_address>:80/ipp RequestingUserName None ■ ipp://<IP_address>:80/ipp RequestingUserName None ■ http://<IP_address>:631/ipp RequestingUserName None ■ ipp://<IP_address>/ipp RequestingUserName None ■ ipp://<IP_address>:631/ipp RequestingUserName None ■ https://<IP_address>/ipp RequestingUserName None ■ http://<IP_address>:443/ipp RequestingUserName None ■ https://<IP_address>:443/ipp RequestingUserName None *"https://<IP_address>/ipp", "http://<IP_address>:443/ipp" and "https://<IP_address>:443/ipp" appear only if the SSL/TLS settings are enabled.*

Item		Description
Operational Support	Print Job	If this check box is selected, Print Job is enabled. Default: Checked
	Validate Job	If this check box is selected, Validate Job is enabled. Default: Checked
	Cancel Job	If this check box is selected, Cancel Job is enabled. Default: Checked
	Get Job Attributes	If this check box is selected, Get Job Attribute is enabled. Default: Checked
	Get Jobs	If this check box is selected, Cancel Job is enabled. Default: Checked
	Get Print Attributes	If this check box is selected, Get Printer Attribute is enabled. Default: Checked
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

FTP

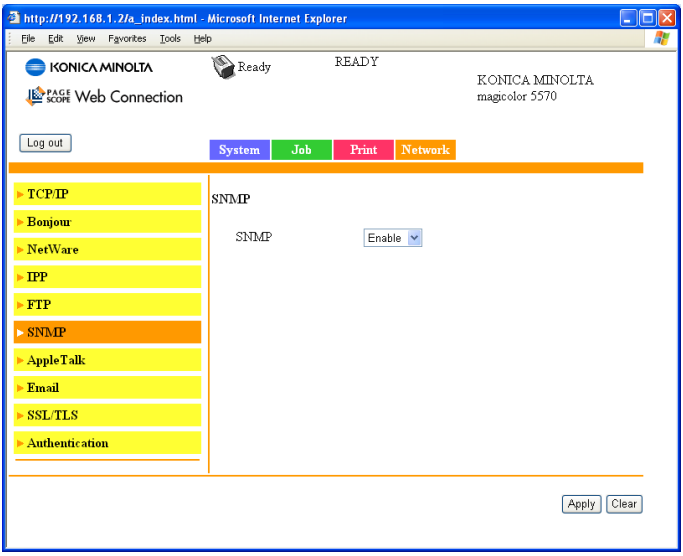
Server



The **Network - FTP - Server** window allows you to configure the following items:

Item	Description
FTP Server	Enables or Disables the FTP server. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

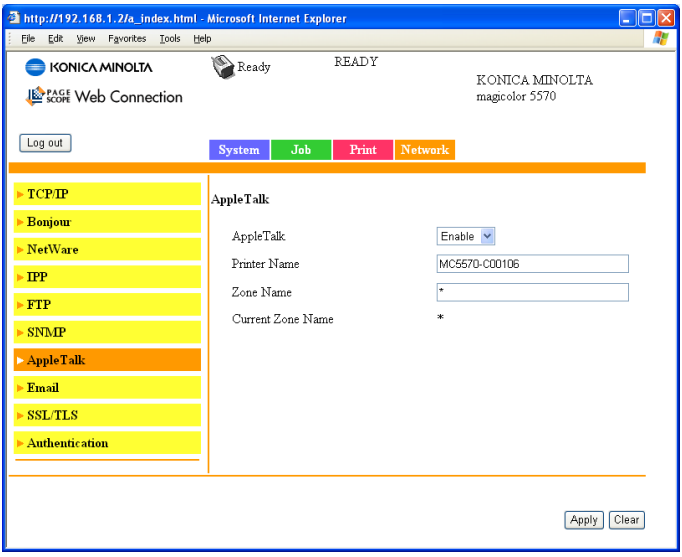
SNMP



The **Network - SNMP** window allows you to configure the following items:

Item	Description
SNMP	If **Enable** is selected, SNMP is enabled. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

AppleTalk



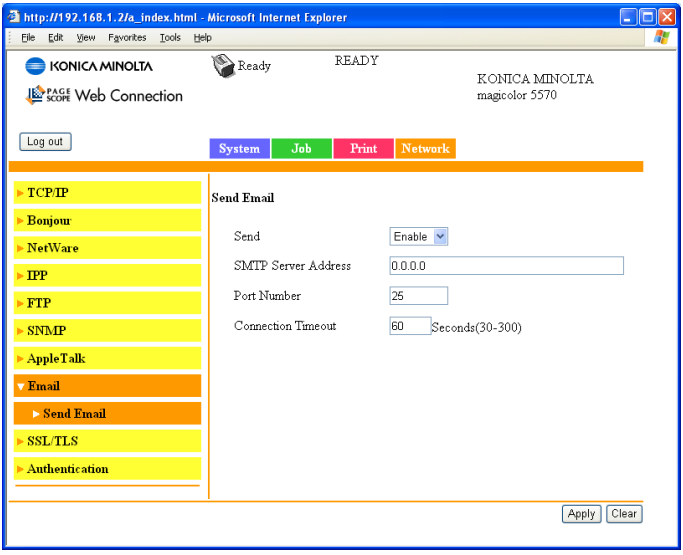
The **Network - AppleTalk** window allows you to configure the following items:

Item	Description
AppleTalk	If **Enable** is selected, AppleTalk is enabled. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `INTERFACE MENU - ETHERNET - APPLE TALK - ENABLE`
Printer Name	Sets the printer name. Range: Up to 31 characters Default: MC5570-xxxxxx MC5550-xxxxxx *xxxxxx displays six last digits of the MAC address in hexadecimals.*
Zone Name	Sets the Zone Name. Range: Up to 31 characters Default: *
Current Zone Name	Identifies the current zone name.

Item	Description
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Email

Send Email



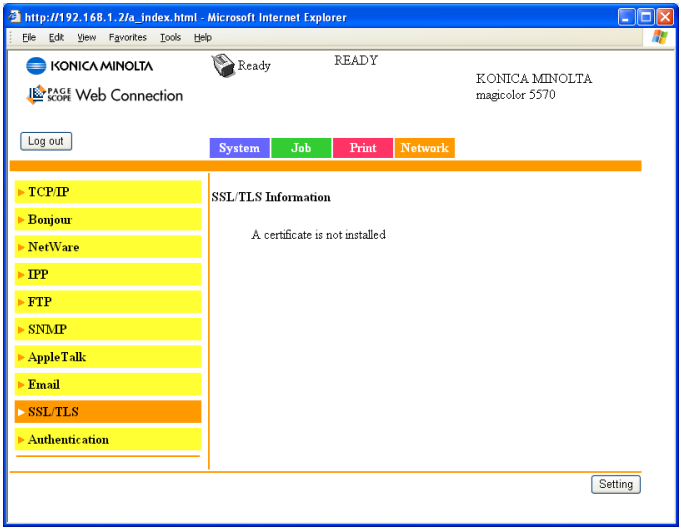
The **Network - Email - Send Email** window allows you to configure the following items:

Item	Description
Send	If **Enable** is selected, sending Email is enabled. Choices: Enable, Disable Default: Enable
SMTP Server Address	Specifies the address of the mail transmission server. Range: Up to 255 characters Default: 0.0.0.0

Item	Description
Port Number	Specifies the port number of the mail transmission server. Range: 1 - 65535 Default: 25
Connection Timeout	Specifies the amount of time until the connection times out when sending e-mail. Range: 30 - 300 (seconds) Default: 60
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

SSL/TLS

SSL/TLS Information

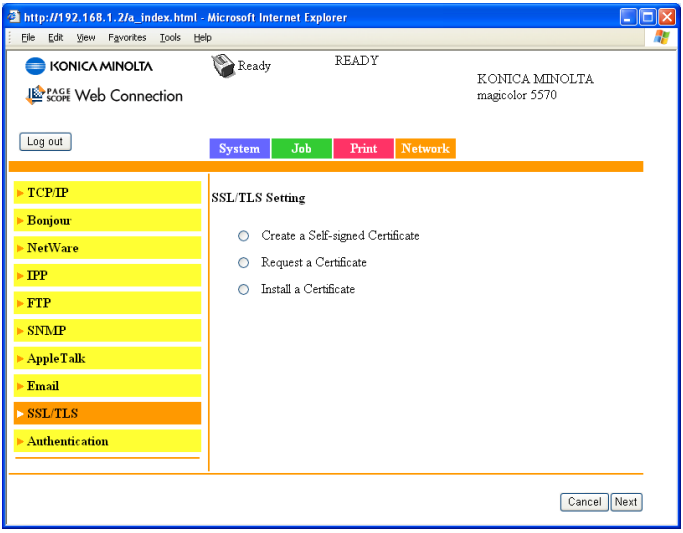


The **Network - SSL/TLS - SSL/TLS Information** page allows you to specify SSL/TLS settings.

*As a default, SSL/TLS is not installed. Click **Setting** to create a certificate and specify the SSL settings.*

Item	Description
Setting button	Displays the **SSL/TSL Setting** page.

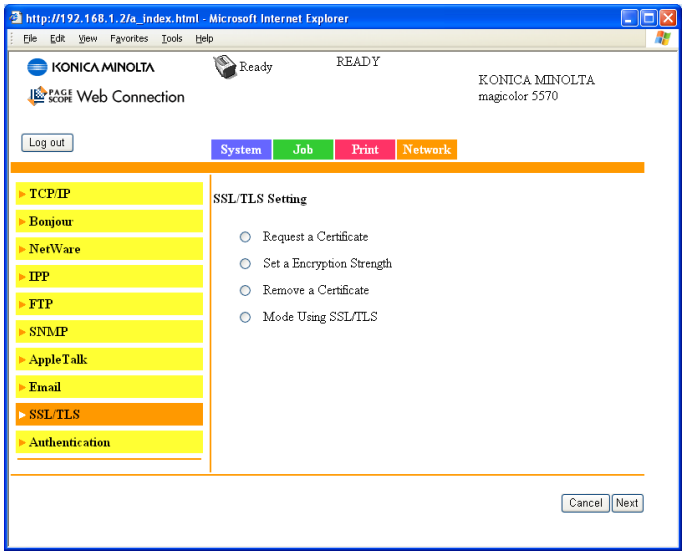
SSL/TLS Setting (When a certificate is not installed)



The **Network - SSL/TLS - SSL/TLS Setting** page allows you to select the following SSL/TLS settings that appear.

Item	Description
Create a self-signed Certificate	Creates a self-signed certificate.
Request a certificate	Creates data for requesting that a certificate be issued from a certificate authority.
Install a certificate	Installs the certificate issued by the certificate authority.
Next button	Click to display the selected page.
Cancel button	Click to cancel the entered data and return to the **Network - SSL/TLS - SSL/TLS Information** page.

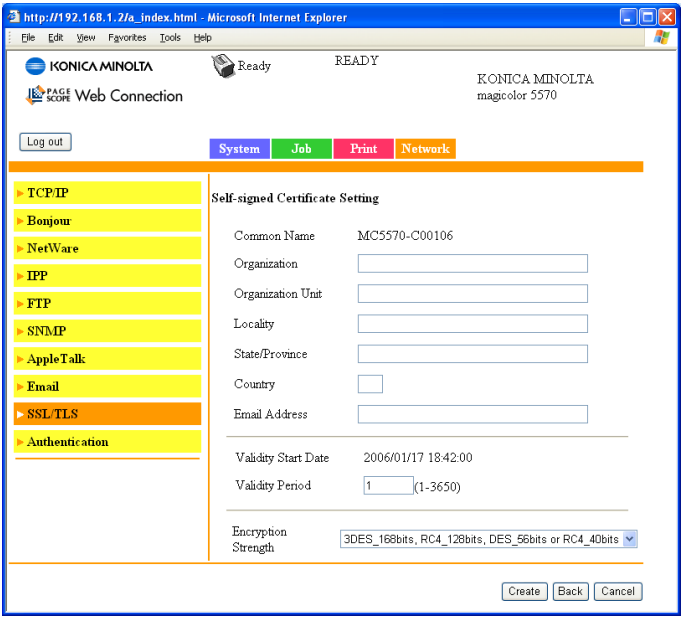
SSL/TLS Setting (When a certificate is installed)



The **Network - SSL/TLS - SSL/TLS Setting** window allows you to select the following SSL/ TLS settings that appear.

Item	Description
Request a certificate	Creates data for requesting that a certificate be issued from a certificate authority.
Set a Encryption Strength	Specifies the encryption level. In addition, SSL/TLS can be disabled.
Remove a certificate	Removes the certificate.
Mode Using SSL/TLS	Specifies the SSL transmission mode.
Next button	Click to display the selected page.
Cancel button	Click to cancel the entered data and return to the **Network - SSL/TLS - SSL/TLS Information** page.

Self-signed Certificate Setting

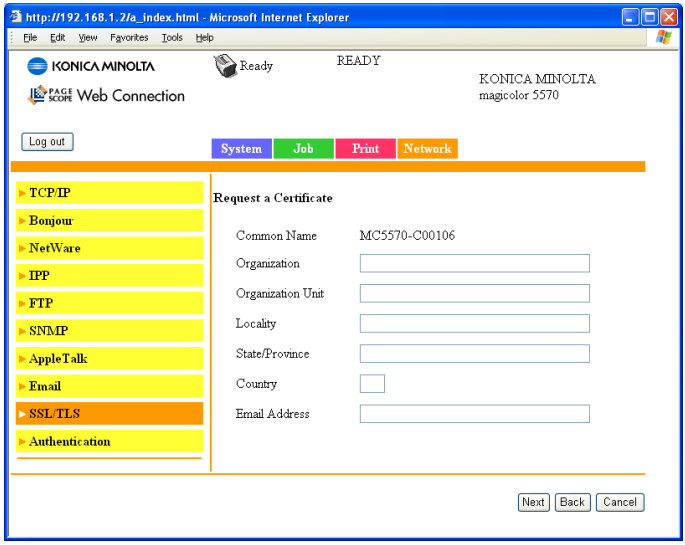


The **Network - SSL/TLS - Self-signed Certificate Setting** page allows you to create a certificate and specify SSL settings.

Item	Description
Common Name	Identifies the Common Name for the printer, to be used in creation of an SSL Certificate. It is comprised of “Printer Host Name.DNS Server”. If DNS Server is un-available, only the host name is used as Common Name. *This text is read-only.*
Organization	Specify the name of the group or organization. Range: Up to 63 characters Default: [Blank]
Organization Unit	Specify the name of the post. Range: Up to 63 characters Default: [Blank]

Item	Description
Locality	Specify the name of the municipality. Range: Up to 127 characters Default: [Blank]
State/Province	Specify the name of the state or province. Range: Up to 127 characters Default: [Blank]
Country	Specify the name of the country as a country code regulated by ISO03166. Range Up to 2 characters Default: [Blank]
Email Address	Specify the e-mail address. Range: Up to 127 characters Default: [Blank]
Validity Start Date	Displays the current time.
Validity Period	Specify the period of validity. Range: 1 - 3650 (day) Default: [Blank]
Encryption Strength	Specify the encryption level. Choices: -3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits -RC4_128bits, DES_56bits or RC4_40bits -DES_56bits or RC4_40bits Default: 3DES_168bits,RC4_128bits, DES_56bits or RC4_40bits
Create button	Creates the self-signed certificate. *A few minutes are needed in order to create the certificate.*
Back button	Click to return to the **Network - SSL/TLS - SSL/TLS Setting** page.
Cancel button	Click to cancel the entered data and return to the **Network - SSL/TLS - SSL/TLS Information** page.

Request a certificate

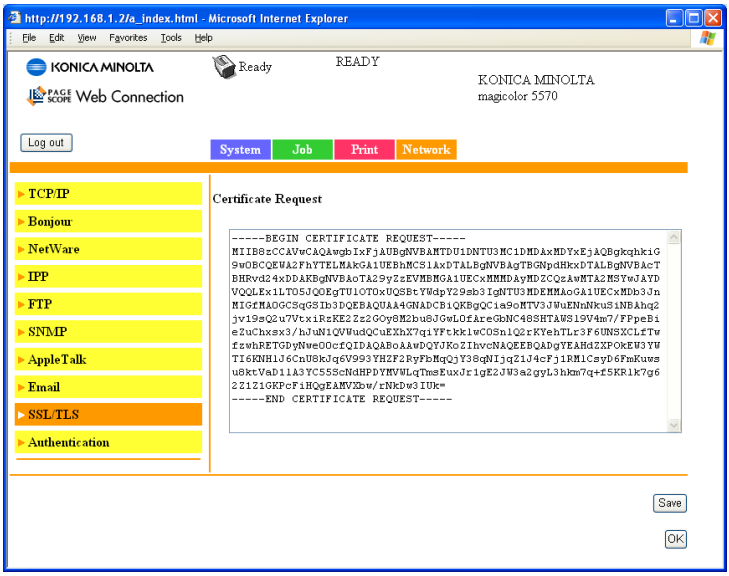


The **Network - SSL/TLS - Request a Certificate** page allows you to configure the following items:

Item	Description
Common Name	Identifies the Common Name for the printer, to be used in creation of an SSL Certificate. It is comprised of “Printer Host Name.DNS Server”. If DNS Server is un-available, only the host name is used as Common Name. *This text is read-only.*
Organization	Specifies the name of the group or organization. Range: Up to 63 characters Default: [Blank]
Organization Unit	Specifies the name of the post. Range: Up to 63 characters Default: [Blank]
Locality	Specifies the name of the municipality. Range: Up to 127 characters Default: [Blank]

Item	Description
State/Province	Specifies the name of the state or province. Range: Up to 127 characters Default: [Blank]
Country	Specify the name of the country as a country code regulated by ISO03166. Range: Up to 2 characters Default: [Blank]
Email Address	Specify the e-mail address. Range: Up to 127 characters Default: [Blank]
Next button	Click to create data for requesting that a certificate be issued.
Back button	Click to return to the **Network - SSL/TLS - SSL/ TLS Setting** page.
Cancel button	Click to cancel the entered data and return to the **Network - SSL/TLS - SSL/TLS Information** page.

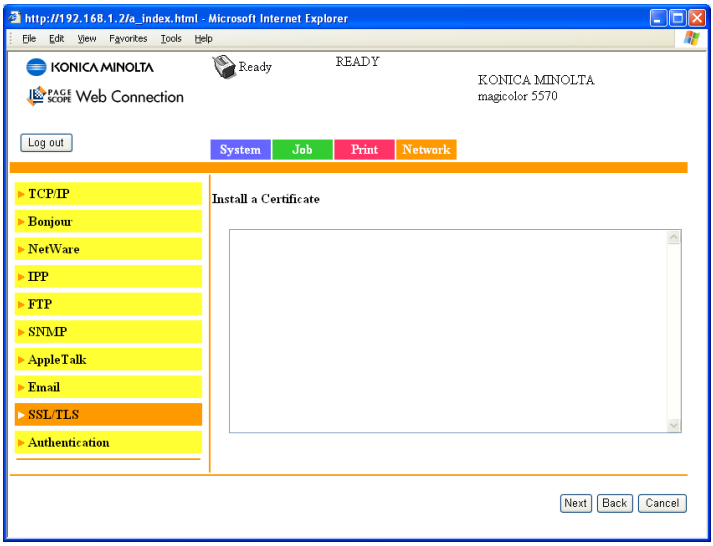
Certificate Request



The **Network - SSL/TLS - Certificate Request** page displays the data that will be submitted to the certificate authority to request that a certificate be issued.

Item	Description
Certificate Request	Displays the data that should be submitted to the certificate signing authority. This is called CSR (Certificate Signing Request). This data is to be submitted to the certificate signing authority by the user.
Save button	Click to save the data for requesting the certificate with the specified name.
OK button	Click to return to the **Network - SSL/TLS - SSL/TLS Setting** page.

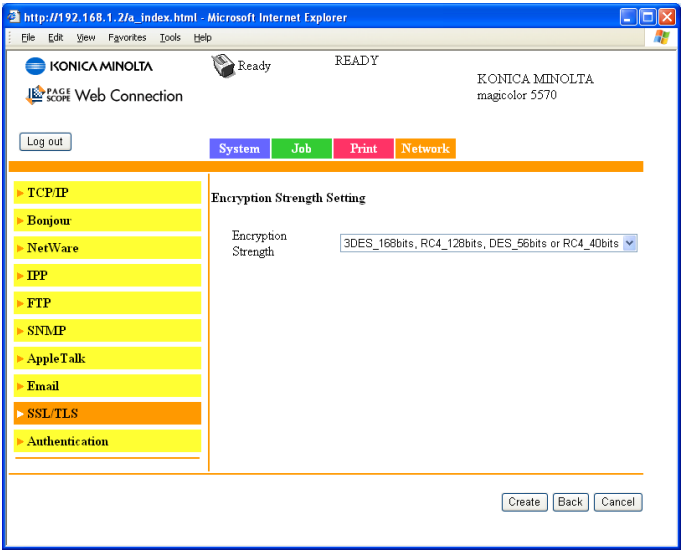
Install a Certificate



The **Network - SSL/TLS - Install a Certificate** page allows you to install the certificate issued by the certificate authority.

Item	Description
Install a Certificate	Signed CSR (Certificate Signing Request) should be pasted to this text area.
Next button	Click to display the **Network - SSL/TLS - Encryption Strength Setting** page.
Back button	Click to return to the **Network - SSL/TLS - SSL/TLS Setting** page.
Cancel button	Click to cancel the entered data and return to the **Network - SSL/TLS - SSL/TLS Information** page.

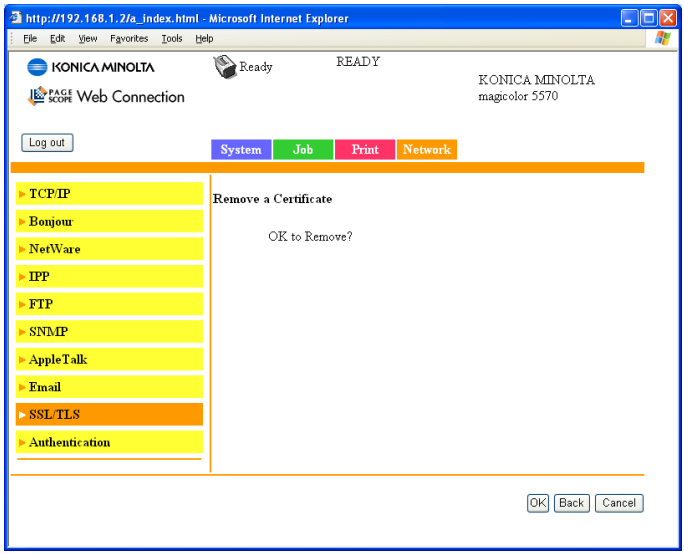
Encryption Strength Setting



The **Network - SSL/TLS - Encryption Strength Setting** page allows you to specify the encryption level.

Item	Description
Encryption Strength	Specify the encryption level. Choices: ■ 3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits ■ RC4_128bits, DES_56bits or RC4_40bits ■ DES_56bits or RC4_40bits Default: 3DES_168bits,RC4_128bits, DES_56bits or RC4_40bits
Create button	Click to specify the encryption level. If the **Network - SSL/TLS - Install a Certificate** page was previously displayed, the certificate is installed.
Back button	Click to return to the **Network - SSL/TLS - SSL/TLS Setting** page.
Cancel button	Returns to the previous screen.

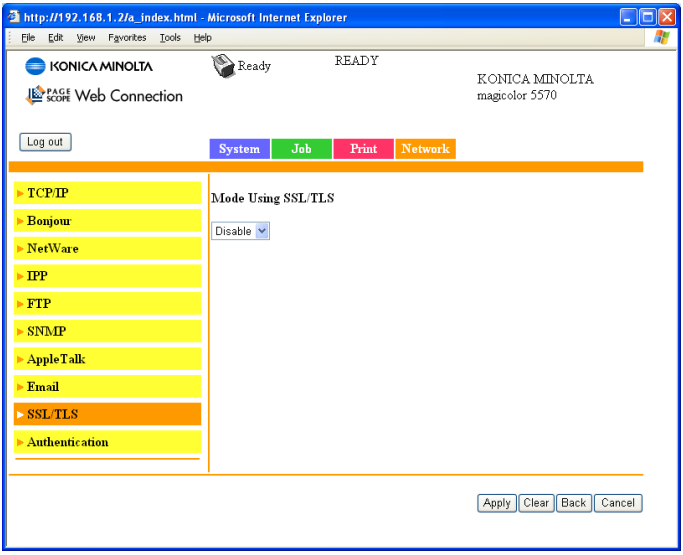
Remove a Certificate



The **Network - SSL/TLS - Remove a Certificate** page allows you to delete the installed certificate.

Item	Description
OK button	Click to display a confirmation message. Click **OK** in the confirmation message to delete the certificate.
Back button	Click to return to the **Network - SSL/TLS - SSL/TLS Setting** page.
Cancel button	Click to return to the **Network - SSL/TLS - SSL/TLS Information** page.

Mode Using SSL/TLS

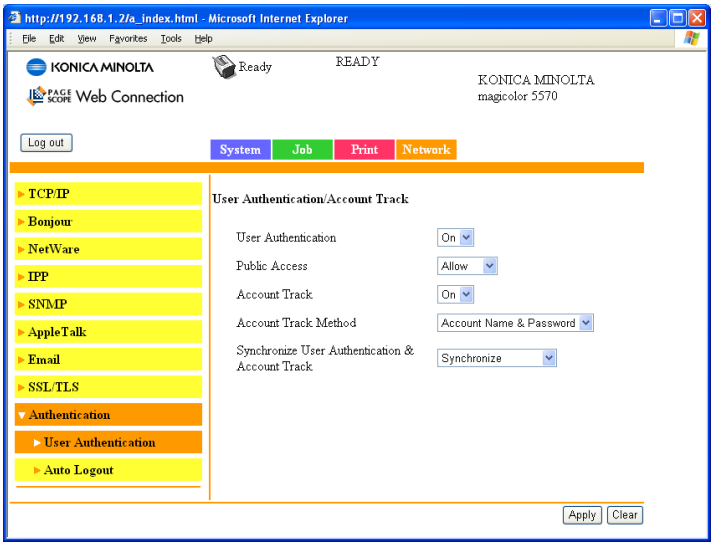


The **Network - SSL/TLS - Mode Using SSL/TLS** page allows the SSL transmission mode to be specified.

Item	Description
Mode using SSL/TLS	Selects the SSL transmission mode. Choice: Disable, Enable Default: Disable
Apply button	Click to apply the setting specified beside “Mode using SSL/TLS”.
Clear button	Resets all configuration settings to previous values.
Back button	Click to return to the **Network - SSL/TLS - SSL/TLS Setting** page.
Cancel button	Click to return to the **Network - SSL/TLS - SSL/TLS Information** page.

Authentication

User Authentication



The **Network - Authentication - User Authentication** page allows you to specify user authentication settings.

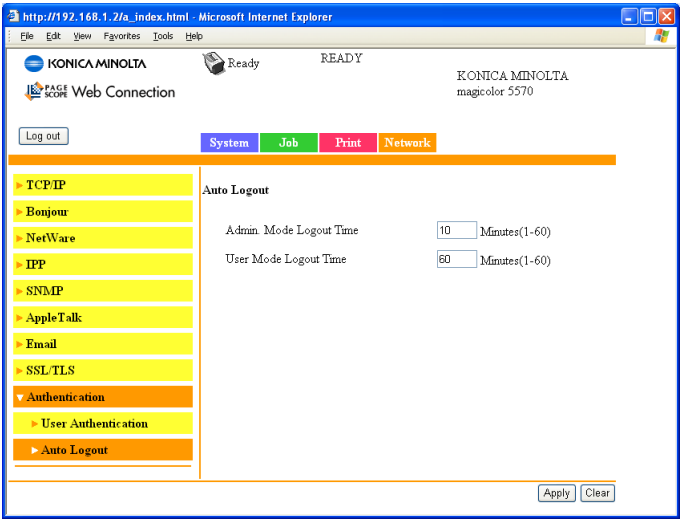
This page appears only if a hard disk drive or a CompactFlash card is installed.

*When **User Authentication** or **Account Track** is set to **On** and **Public Access** is set to **Restrict** on this page, printing is not possible except from a host where authentication settings can be specified (Windows printer driver or PageScope Direct Print). In addition, resources (fonts, color profiles and form overlays) can no longer be downloaded and firmware can no longer be updated.*

Item	Description
User Authentication	Select whether or not user authentication is performed. Choices: On, Off Default: Off

Item	Description
Public Access	Select whether or not logon as a Public user is permitted when authentication settings have been specified. Choices: Allow, Restrict Default: Allow
Account Track	Select whether or not account authentication is performed. Choices: On, Off Default: Off
Account Track Method	Specify the account track authentication method. Choices: Account Name & Password, Password Only Default: Account Name & Password
Synchronize User Authentication & Account Track	Select whether or not user authentication and account track settings are to be synchronized. Choices: Synchronize, Do Not Synchronize Default: Synchronize
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Auto Logout



Network - Authentication - Auto Logout window allows you to configure the following items.

Item	Description
Admin. Mode Logout Time	Specify the length of time to automatically log off from Administrator mode. Range: 1 - 60 (Minutes) Default: 10
User Mode Logout Time	Specify the length of time to automatically log off from User mode. Range: 1 - 60 (Minutes) Default: 10
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

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