

FS-1024MFP/FS-1124MFP Printer Driver

User Guide



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Examples of the operations given in this guide support the Windows 7 printing environment. Essentially the same operations are used for Microsoft Windows Vista, Windows XP, Windows Server 2003, and Windows Server 2008 environments.

User Interface screen captures shown in this guide may differ depending on your printing device.

This user guide and its contents were developed for the 5.1 driver.

Models supported by the KX printer driver

FS-1024MFP

FS-1124MFP

Table of Contents

Chapter 1 Installation

Preparing to Install the Driver	1-1
Selecting an Installation Method	1-1
Upgrading Driver Components	1-2
Express Installation	1-2
Installing in Express Mode	1-2
Custom Installation	1-3
Installing in Custom Mode with a USB Connection using Discover	1-3
Installing in Custom Mode with a USB Connection using Custom Select	1-5
Optional Printer Components	1-6
Installing Optional Printer Components	1-6
The Add Printer Wizard	1-6
Installing a Printer Driver in Windows 7 and Windows Vista	1-6
Installing a Printer Driver in Windows XP	1-7
Printer Driver Settings Access	1-7
Changing the Default Driver Settings	1-7

Chapter 2 Device Settings

Accessing Device Settings	2-1
Device Options	2-2
Setting Device Options	2-2
Memory	2-2
Administrator Settings	2-2
Show Quick Print Tab	2-2
Send Count Information	2-2
Send Application Name	2-3
Administrator Password	2-3
Associate Profile with Application	2-3
Lock Settings	2-4
User Settings	2-5
Identification	2-5
Units	2-5
Language Preference	2-6
PDL (Page Description Language)	2-6
Compatibility Settings	2-6
Media Source Enumeration	2-6
Ignore Application Collation	2-7
Combine Source and Media Type Lists	2-7
Removing a Plug-in	2-7

Chapter 3 Quick Print

Quick Print Options	3-1
Common Printing Options	3-1
Collate	3-2
Manual Duplex Printing	3-2

Multiple Pages per Sheet	3-3
Edit Quick Print	3-3
Profiles	3-4
Selecting a Profile	3-4
Saving a Profile	3-4
Editing a Profile	3-5
Importing a Profile	3-5
Exporting a Profile	3-5
Application Based Printing	3-6

Chapter 4 Basic

Basic Settings	4-1
Source and Media Types	4-2
Print Size and Page Size	4-2
Creating a Custom Page Size	4-3
Printing with Custom Size Pages	4-3
Manual Duplex Printing	4-3
Printing in Manual Duplex Mode	4-4
Collate	4-5
Printing Collated Documents	4-5
Quality	4-5
Print Preview	4-5
Previewing a Print Job	4-5
Kyocera Logo	4-6
Displaying Version Information	4-6
Displaying Plug-in Information	4-6

Chapter 5 Layout

Multiple Pages per Sheet	5-1
Printing Multiple Pages per Sheet	5-1
Scaling	5-2
Setting Scaling on the Page	5-2
Gutter	5-2
Creating a Gutter	5-2
Poster	5-3
Printing a Poster	5-4

Chapter 6 Imaging

Print Quality and Custom Quality	6-1
Selecting Print Quality	6-1
Selecting EcoPrint	6-1
Fonts	6-2
Font Settings	6-2
Selecting Font Settings	6-2
Graphics	6-3
Selecting Graphics Settings	6-3
Pattern Scaling	6-3
Adjusting Grayscale	6-3
Selecting Text and Graphics Effects	6-4

Chapter 7 Advanced

Watermark	7-1
Adding or Editing a Watermark	7-1
Selecting Pages for Watermark	7-2
Configuring Status Monitor	7-3

Setting Status Monitor Preferences	7-4
EMF Spooling	7-5
Selecting EMF Spooling	7-5
Enable Client Profile	7-5
Glossary	iv

1 Installation

A printer driver is an application that manages communication between a printer and your computer. Once installed, the printer driver settings must be configured in the printer **Properties** and **Printing Preferences**.

Note: In Windows operating systems, you must be logged in with administrator rights to install the printer driver.

Preparing to Install the Driver

This section describes the initial steps to take before you install the printer driver, and based on your operating system, the next procedure you can follow.

- 1 Turn on the computer and the printer.

In Windows 7 and Windows Vista with a USB connection, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend you continue with the steps to install the driver for an expanded feature set. In Windows, if the **Found New Hardware Wizard** dialog box appears during the installation process, click **Cancel**. If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.

- 2 Insert the **Product Library CD** into the CD drive.

After the installation wizard begins, the **Main Menu** appears.

Note: If the **Product Library** fails to start after inserting the **Product Library CD** into the CD drive, use Windows Explorer to locate **Setup.exe** on the local drive and double-click to open.

- 3 Click **View License Agreement** to read the license agreement.

- 4 Click **Accept** to proceed.

- 5 To begin the installation, click **Install Software**.

Note: If the **Windows Security** warning dialog box appears at any point during the installation process, click **Install this driver software anyway**.

- 6 The **Installer** wizard appears with several installation methods displayed.

Selecting an Installation Method

You can select **Express Mode** for a USB connection and the installation wizard will discover your printers. You can also select **Custom Mode** for a USB

connection and either manually select your driver or let the installation wizard discover your printer.

Express Mode Installation

Installing in Express Mode on page 1-2

Custom Mode Installation

Installing in Custom Mode with a USB Connection using Discover on page 1-3

Installing in Custom Mode with a USB Connection using Custom Select on page 1-5

Upgrading Driver Components

If the installation wizard detects older driver components, the **Software Component Upgrade** page appears.

- 1 Choose the component to upgrade. Click **Next**.
- 2 Confirm your upgrade settings. To start the upgrade, click **Upgrade**.
- 3 When the upgrade completes, click **Next**. The **Installation Method** page appears.

Express Installation

Express Mode applies to driver installation for a USB connection only. The installation wizard discovers printers that are turned on, and connected by USB. In **Custom Mode**, you are able to select drivers and specify the port.

Installing in Express Mode

This section describes the express installation procedure of the driver software in Windows operating systems.

- 1 Ensure that your printer and computer are turned on and connected by USB.

Note: In Windows 7 and Windows Vista with a USB connection, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend you continue with the steps to install the KX Driver for an expanded feature set. In Windows, if the **Found New Hardware Wizard** dialog box appears during the installation process, click **Cancel**. If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.

- 2 On the **Installation Method** page, click **Express Mode**.
- 3 The **Discover Printing System** page opens, searching for your printing system.
If Discover finds your printing system, select your model from the list and click **Next**.
If Discover does not find your printing system, a message appears. Remove and reinsert the USB, and ensure it is connected properly. Click **Refresh** to retry.

the discovery. If the system still cannot find your printing system, contact your system administrator.

- 4 On the **Printer Settings** page, you can assign a name to your printing system.

Note: With a first time USB connection, the **Printer Settings** page does not appear.

You can also choose to share this printer with others or set this printer as the default printer. Make your selections, and then click **Next**.

- 5 On the **Confirm Settings** page, click **Install** if the settings are correct. Click **Back** to correct the settings.

- 6 The **Installation Completed** page appears displaying the following driver options.

Print a test page

This selection verifies a connection with the printer and creates a print out of the installed driver components.

Enable Status Monitor

The **Status Monitor** displays system status messages on your computer screen during printing tasks. The **Status Monitor** button appears on the **Advanced** tab.

Show Quick Print Tab

This selection lets you define basic print options into group profiles that can be accessed easily. The **Show Quick Print tab** option also appears in the **Administrator Settings** in **Device Settings**.

When the installation completes successfully, click **Finish** to exit the installation wizard and return to the **Product Library CD** menu.

A message may appear if there is a software installation failure.

Click **Finish**, and retry the installation. If the same message appears again, contact your system administrator.

The installation of the printer is now complete. If prompted, restart your computer.

Custom Installation

Custom Mode applies to driver installation for a USB connection. The installation wizard can discover printers that are turned on, and connected by USB, or you can manually select the driver from the drivers that are available. You can specify the printer port you want to install.

Installing in Custom Mode with a USB Connection using Discover

This section describes the custom installation procedure of the driver software in Windows operating systems using a USB connection. With **Discover**, all devices available for the driver installation are found automatically. This is the recommended Custom Mode USB installation method.

- 1 Ensure that your printer and computer are turned on and connected using a USB cable.

Note: In Windows 7 and Windows Vista, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend you continue with the steps to install the KX Driver for an expanded feature set.

- 2 On the **Installation Method** page, select **Custom Mode**.

- 3 The **Discover Printing System** page opens, searching for your printing system. The **Discover** button is automatically selected.

Select your device and click **Next**.

If Discover does not find your printing system, a message appears. Remove and reinsert the USB cable, and ensure it is connected properly. Click **Refresh** to retry the discovery. If the system still cannot find your printing system, contact your system administrator.

- 4 On the **Custom Installation** page, select the driver you want to install from the **Driver** tab, and clear those not intended for installation. Click **Next**.

- 5 On the **Printer Settings** page, you can assign a name to your printing system.

Note: With a first time USB connection, the **Printer Settings** page does not appear.

You can also choose to share this printer with others or set this printer as the default printer. Make your selections, and then click **Next**.

- 6 On the **Confirm Settings** page, click **Install** if the settings are correct. Click **Back** to correct the settings.

Note: If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.

- 7 The **Installation Completed** page appears displaying the following driver options.

Print a test page

This selection verifies a connection with the printer and creates a print out of the installed driver components.

Enable Status Monitor

The **Status Monitor** displays system status messages on your computer screen during printing tasks. The **Status Monitor** button appears on the **Advanced** tab.

Show Quick Print Tab

This selection lets you define basic print options into group profiles that can be accessed easily. The **Show Quick Print tab** option also appears in the **Administrator Settings** in **Device Settings**.

When the installation completes successfully, click **Finish** to exit the installation wizard and return to the **Product Library CD** menu.

A message may appear if there is a software installation failure.

Click **Finish**, and retry the installation. If the same message appears again, contact your system administrator.

The installation of the printer is now complete. If prompted, restart your computer.

Installing in Custom Mode with a USB Connection using Custom Select

This section describes the custom installation procedure of the driver software in Windows operating systems using a USB connection. With the **Custom select** option, you manually select the printing system and printer port to install.

In **Custom mode**, **Custom Select** is not recommended for USB in environments where printing systems are connected and reconnected using USB ports. The **Discover** method provides a more reliable installation path.

- 1 Ensure that your printer and computer are turned on and connected using a USB cable.

Note: In Windows 7 and Windows Vista, a driver installation will be made from the Microsoft Windows Update site if a certified driver is available and the system is connected to the web. We recommend the **Custom Mode** using **Discover** for USB connections to ensure a reliable installation.

- 2 On the **Installation Method** page, select **Custom Mode**.
- 3 The **Discover Printing System** page opens, searching for your printing system. The **Discover** button is automatically selected. Choose **Custom select** and click **Next**.
- 4 The **Printing System** page appears. Select your printing system model from the list and click **Next**. If there is only one driver model, this page does not appear. Proceed to the next step.
- 5 On the **Printer Port** page, select an existing port connected to your printing system. Click **Next**.
- 6 On the **Custom Installation** page, select the driver you want to install from the **Driver** tab, and clear those not intended for installation. Click **Next**.
- 7 On the **Printer Settings** page, you can assign a name to your printing system. You can also choose to share this printer with others or set this printer as the default printer. Make your selections, and then click **Next**.
- 8 On the **Confirm Settings** page, click **Install** if the settings are correct. Click **Back** to correct the settings.

Note: If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.

- 9 The **Installation Completed** page appears displaying the following driver options.

Print a test page

This selection verifies a connection with the printer and creates a print out of the installed driver components.

Enable Status Monitor

The **Status Monitor** displays system status messages on your computer screen during printing tasks. The **Status Monitor** button appears on the **Advanced** tab.

Show Quick Print Tab

This selection lets you define basic print options into group profiles that can be accessed easily. The **Show Quick Print tab** option also appears in the **Administrator Settings** in **Device Settings**.

When the installation completes successfully, click **Finish** to exit the installation wizard and return to the **Product Library CD** menu.

A message may appear if there is a software installation failure.

Click **Finish**, and retry the installation. If the same message appears again, contact your system administrator.

The installation of the printer is now complete. If prompted, restart your computer.

Optional Printer Components

You can expand the functionality of your printer driver by installing optional components from the **Product Library CD** menu > **Advanced Tools** menu.

Installing Optional Printer Components

- 1** On the **Product Library CD** menu > **Advanced Tools** menu, select **Optional Printer Components**.
- 2** Select a printer to install optional components, and click **Next**.
- 3** On all **Select** pages, choose your components, and click **Next**.
- 4** On the **Confirm Settings** page, click **Install** if the displayed settings are correct. Click **Back** to correct any settings.
- 5** The **Printer Components Installation Completed** page appears. Click **Finish**.
When you have completed installing printers and optional components, restart your computer if prompted.

The Add Printer Wizard

The **Add Printer Wizard** displays a series of pages that guide you through printer installation. You are prompted to make installation choices on each page.

Installing a Printer Driver in Windows 7 and Windows Vista

This section describes how to install a printer driver using the **Add Printer Wizard** in Windows 7 and Windows Vista.

- 1 Click **Start** and click **Devices and Printers** (Windows 7), or click **Control Panel** and double-click **Printers** (Windows Vista).
- 2 Click **Add a printer**.
- 3 The **Add Printer Wizard** appears. Click **Add a local printer**. Follow the instructions on each page, and then click **Next** to proceed to the next page.

Note: If the **Windows Security** warning dialog box appears, click **Install this driver software anyway**.

- 4 The last page of the wizard appears with a message that you've successfully added the printer you selected. Installation of the printer driver is now complete. Click **Print a test page** if you want to produce sample print output from the newly installed printer. To close the **Add Printer Wizard**, click **Finish**.

Installing a Printer Driver in Windows XP

This section describes how to install a printer driver using the **Add Printer Wizard** in Windows XP.

- 1 Click **Start** and **Printers and Faxes**.
- 2 Click **Add a printer**.
- 3 The **Add Printer Wizard** appears. Follow the instructions on each page, and then click **Next** to proceed to the next page.

Note: If the **Found New Hardware Wizard** page appears, click **Cancel**. If the **Hardware Installation** warning dialog box appears, click **Continue Anyway**.

- 4 When the **Completing the Add Printer Wizard** page appears, installation of the printer driver is now complete. To close the **Add Printer Wizard**, click **Finish**. If prompted, restart your computer.

Printer Driver Settings Access

The printer driver software can be accessed from the **Print** dialog box of an application, or from **Start**. If accessed from an application, then changes made to driver settings remain in effect until the application ends. If accessed from **Start**, changes are maintained as the default printer settings.

Changing the Default Driver Settings

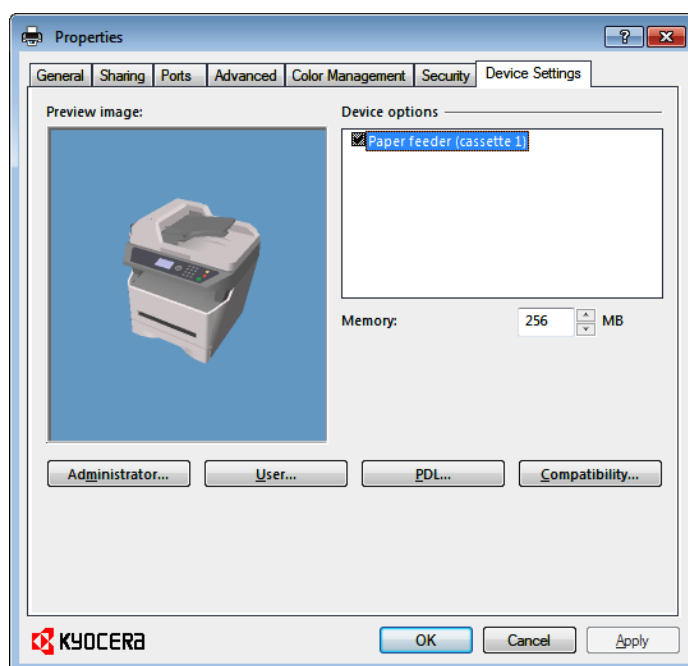
Default driver settings apply to print jobs initiated from any application, but they are overwritten by setting changes made within each application.

- 1 Click **Start** and click **Devices and Printers** (Windows 7), or click **Control Panel** and double-click **Printers** (Windows Vista), or **Printers and Faxes** (Windows XP).
- 2 Right-click on your printing system icon.

- 3** Click **Printing Preferences**.
- 4** In the **Printing Preferences** dialog box, select the desired features in all tabs.
- 5** Click **OK** to save the settings.

2 Device Settings

In **Device Settings**, you can select installed printing system options so the associated features can be used with the printer driver. You can also match the memory setting in the driver with the memory installed in your printing system, which lets the driver manage font downloads more efficiently. Administrator, User, PDL (Page Description Language), and Compatibility settings can also be selected.



Accessing Device Settings

Device Settings can be accessed from **Devices and Printers** (Windows 7), **Printers** (Windows Vista), or **Printers and Faxes** (Windows XP) folder.

- 1 Click **Start** and click **Devices and Printers** (Windows 7), or click **Control Panel** and double-click **Printers** (Windows Vista), or **Printers and Faxes** (Windows XP).
- 2 Right-click the desired printing system model.
- 3 Click **Printer properties** (Windows 7) or **Properties** (Windows Vista, Windows XP).
- 4 Click **Device Settings**.

Device Options

Optional devices extend the capabilities of your printing system for source.

In a client/server environment, this feature is unavailable to a client logged in as a restricted user.

Setting Device Options

You can set the printer driver to match the optional devices installed on your printing system.

- 1 In **Device Settings > Device options**, select the check boxes for all installed devices.
- 2 Click **OK** in the **Properties** dialog box.

Memory

This feature displays the amount of memory in the printing system.

Administrator Settings

Administrator Settings lets you set options, varying by your model, that include controlling accessibility, displaying features in the interface and setting a password to control access to the **Administrator Settings** options.

In a client/server environment, this feature is unavailable to a client logged in as a restricted user.

Show Quick Print Tab

This option lets you control the display of the **Quick Print** tab. You can define basic print options into group profiles that can be accessed quickly and easily.

With a cleared **Show Quick Print tab** check box, the tab does not appear in the **Printing Preferences** dialog box.

To enable this feature, in **Device Settings**, click **Administrator > Show Quick Print tab**.

With a selected **Show Quick Print tab** check box, the tab appears in the **Printing Preferences** dialog box. When you select the **Show Quick Print tab** check box, you can access additional check boxes:

Selecting **Hide other tabs** displays only the **Quick Print** tab to the user.

Selecting **Set Quick Print tab as default** opens to this tab when you access **Printing Preferences**.

Selecting **Hide Edit Quick Print control** prevents users from customizing the **Quick Print** tab.

Send Count Information

This option lets you embed count information in the print job, which can be used by some applications for accounting purposes. Count information includes the number of copies produced as well as manual duplex printing, multiple pages per sheet, color page count, and paper size values.

To enable this feature, in **Device Settings**, click **Administrator > Send Count information**.

Send Application Name

This option lets you send the application name with a print job, so that a different printing process is used for each application. Some third party print accounting programs use this information to calculate print totals based on application type.

To enable this feature, in **Device Settings**, click **Administrator > Send Application name**.

Administrator Password

You can set **Password protect administrator settings** in the **Administrator Settings** dialog box to prevent unauthorized changes in this dialog box. When selected, this setting prompts you to enter a password and confirm the password. This password protection blocks access to all **Administrator Settings** options.

Setting the Administrator Password

You can set a password to prevent unauthorized changes in the **Administrator Settings** dialog box.

- 1 In **Device Settings > Administrator Settings**, select **Password protect administrator settings**.
- 2 In the **Password** dialog box, enter a password, using at least 4 and no more than 16 characters. Reenter the password in **Confirm password** and click **OK**.

Clearing the Administrator Password

You can remove the administrator password.

- 1 In **Device Settings**, click **Administrator**.
- 2 In the **Enter Password** dialog box, type the password and click **OK**.
- 3 In the **Administrator Settings** dialog box, clear the **Password protect administrator settings** check box.
- 4 Click **OK**.

Associate Profile with Application

This option lets you set all printing from each installed application to use the same driver settings as defined in a profile. Before using this feature:

A profile must be created in the **Profiles** dialog box, accessed from any **Printing Preferences** tab.

An association must be created between a profile and an application in the **Application Based Printing** dialog box, accessed from the **Profiles** dialog box.

To enable this feature, in **Device Settings**, click **Administrator > Associate Profile with application**.

Lock Settings

An administrator can specify settings at the tab or feature level in the driver, and then lock them (so that the settings are applied to all print jobs, and changes are restricted). The settings are locked in the **Device Settings > Administrator Settings > Lock Settings** dialog box. For example, you can always choose to print with **EcoPrint**, resulting in cost savings and ecological benefits.

Locking a setting also locks the feature where it appears in other tabs. For example, selecting **Lock Multiple pages per sheet** selects and locks that feature in the **Quick Print** and **Layout** tabs.

The administrator can also set a password that is required to temporarily unlock a feature.

In a client/server environment, this feature is unavailable to a client logged in as a restricted user.

Lock Settings Options

The **Lock Settings** dialog box lists the following driver settings that can be locked so that the settings are applied to all print jobs, and changes are restricted:

Lock EcoPrint

This option locks the current **EcoPrint** setting.

Lock Multiple pages per sheet

This option locks the current **Multiple pages per sheet** setting. The **Pages per sheet** option is not locked.

Lock Profile with Application

This option can help standardize print jobs. It sets all printing from each installed application to use the same driver settings as defined in a profile. The administrator must first make selections in the **Profiles** and **Application Based Profile** dialog boxes. The administrator can then ensure that all print jobs use those settings by locking this feature. Selecting **Lock Profile with Application** also prevents any user changes in the **Application Based Profile** dialog box.

Password settings

The administrator can also set a password that is required to temporarily unlock a feature. If selected, this setting prompts you to enter a password and confirm the password.

When a password is set, the **Unlock** button appears in the driver tabs where the locked features appear. To unlock a feature and change its settings temporarily, click **Unlock** and type the password.

Locking Driver Settings

You can select driver settings to lock, so that the settings are applied to all print jobs.

- 1** In **Device Settings > Administrator Settings**, click **Lock Settings**.
- 2** Select the check box for each driver feature to be locked.
- 3** Select the **Password Settings** check box if you wish to protect the settings with a password, otherwise skip to the next step.

In the **Password Settings** dialog box, type a password of at least 4 but no more than 16 characters. Retype the password in **Confirm password**, and click **OK**.

To unlock the password, clear the **Password Settings** check box. In the **Unlock Password** dialog box, type the password, and click **OK**.

- 4 To save your **Lock Settings** selections, click **OK** at the bottom of the dialog box.

When a password is set, the **Unlock** button appears in driver tabs where the locked features appear. To unlock a feature and change its settings temporarily, click **Unlock** and type the password.

User Settings

User Settings lets you specify user and department names, select the default unit of measure, and change the driver display language.

In a client/server environment, this feature is unavailable to a client logged in as a restricted user.

Identification

Identification lets you identify your print job with a **User name** and **Department** name, up to 31 characters.

Setting User Identification

You can type **User name** and **Department** information.

- 1 In **Device Settings** > **User**, type your preferred name in the **User name** text box.
- 2 Type your department or group name in **Department** text box.
You can type up to 31 characters in the **User name** and **Department** text boxes.
- 3 Click **OK** in the **User Settings** and **Properties** dialog box.

Units

You can set **Inches** or **Millimeters** as the unit of measurement. This is used for the following settings:

Custom page size setting in the **Page Sizes** dialog box in the **Basic** tab.

Spacing setting in the **Watermark Add** and **Edit** dialog boxes in the **Advanced** tab.

Poster settings and **Gutter** settings in the **Layout** tab.

Selecting a Unit of Measurement

You can select a unit for displaying measurements in the user interface.

- 1 In **Device Settings** > **User Settings**, select **Inches** or **Millimeters**.
- 2 Click **OK** in the **User Settings** and **Properties** dialog boxes.

Language Preference

The **Language preference** option specifies the user interface language of **Device Settings** in **Properties** and all tabs of **Printing Preferences**.

Available languages vary depending on your locale and your computer settings.

Setting Language Preference

You can select a user interface language.

- 1 In **Device Settings** > **User Settings**, select the desired language from the **Select language** list.
- 2 Click **OK** in the **User Settings** and **Properties** dialog boxes.

PDL (Page Description Language)

In **GDI compatible mode**, vector graphics are rasterized for printing as bitmap images. Use the **GDI compatible mode** option to improve the output quality of the graphic created by the application.

In a client/server environment, this feature is unavailable to a client logged in as a restricted user.

Compatibility Settings

Compatibility Settings lets you specify media source values, override the application's **Collate** setting, and combine the **Source** and **Media type** lists in the **Basic** tab.

In a client/server environment, this feature is unavailable to a client logged in as a restricted user.

Media Source Enumeration

Media source enumeration supports compatibility for media source values unique to the printer driver, such as those for cassettes or feeders. Your newly installed printer driver maintains identical media source support with the driver it replaces, whether for this driver or one from another manufacturer. If media source macros exist for the older driver, then the alignment of media source values maintains support without the need to change the macros.

Setting Media Sources

Use the **Driver Info** utility (\Utility\Driver Info\DrvInfo.exe) to compare the source values for all installed drivers.

If the values for a given media source differ between printer drivers, you can reassign an enumerated value to create a match between the drivers.

- 1 In **Device Settings** > **Compatibility Settings**, from the **Media source enumeration** list select the paper supply method. The current value is listed in the **Enumerated value** box.
- 2 Type an **Enumerated value** for the media source, and click **Apply**. To align settings with a different driver, this value should align with those in the other driver.
- 3 Click **OK** in the **Compatibility Settings** and **Properties** dialog boxes.

You can restore all the options in **Compatibility Settings** to the default by clicking **Reset**.

Ignore Application Collation

This option bypasses the **Collate** setting in software applications, and gives priority to the printer driver setting.

With the check box selected, the printer driver **Collate** setting is used.

With the check box cleared, the application **Collate** setting is used.

Selecting Printer Driver Collation

You can ignore the collation setting in the application and use the printer driver collation setting.

- 1 In **Device Settings > Compatibility Settings**, select **Ignore application collation**.

- 2 Click **OK** in the **Compatibility Settings** and **Properties** dialog boxes.

You can restore all the options in **Compatibility Settings** to the default by clicking **Reset**.

Combine Source and Media Type Lists

You can change the driver's **Basic** tab so that **Media type** and **Source** are combined into one list, labeled **Source**. In the combined list, Media types are listed first, followed by cassettes and **Manual Feed**.

Creating a Combined Source List

You can combine the **Source** and **Media type** lists in the **Basic** tab to make one **Source** list.

- 1 In **Device Settings > Compatibility Settings**, select **Combine source and media type lists**.

- 2 Click **OK** in the **Compatibility Settings** and **Properties** dialog boxes.

You can restore all the options in **Compatibility Settings** to the default by clicking **Reset**.

Removing a Plug-in

You can remove an installed plug-in from the driver. If removed, the plug-in features do not appear in the driver interface.

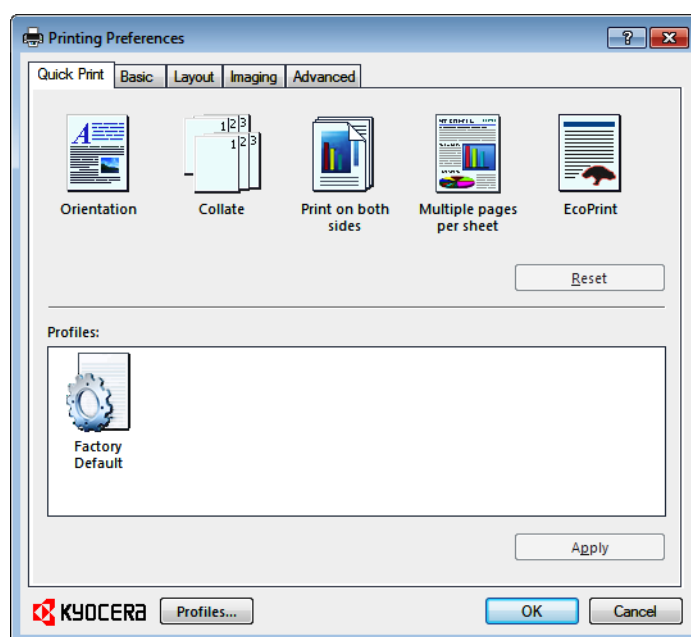
- 1 In **Device Settings**, click **Kyocera logo > Plug-in**.
- 2 Select a plug-in module from the list and click **Delete**, then **Yes**.
- 3 Click **OK** in all dialog boxes.

3 Quick Print

In the **Quick Print** tab, you can apply basic print settings to print jobs. Any **Quick Print** settings can be saved as a group, called a profile, and applied to any print job. Profiles support common printing tasks.

The administrator can set the view of the **Quick Print** tab through the **Installation** process, or **Administrator Settings** in **Properties**.

This chapter can be used as a separate **Quick Print** user guide when KX driver support is controlled by an administrator.



Quick Print Options

You can set one or more print options on the **Quick Print** tab. You can create your own customized view of print options with **Edit Quick Print**. And you can also select from profiles that have been set with predefined options for frequently run print jobs.

Common Printing Options

The upper section of the **Quick Print** tab has several icons that represent the most common options for print jobs. Click on the **Quick Print** icons and check boxes to change settings for the print job. Some of these options also appear on the **Basic**, **Layout**, and **Imaging** tabs.

Orientation

This icon changes between portrait, landscape, portrait rotated, landscape rotated printing formats.

Collate

This icon changes the ordering of the printed pages. The page ordering sequence can either be 123, 123, or 111, 222 and so on.

Print on both sides

This icon changes between manual duplex printing for flipping on the long edge, manual duplex printing for flipping on the short edge, or for not using manual duplex printing.

Multiple pages per sheet

This icon changes between Off, 2, and 4 for the number of pages printed on one sheet. For more than 4 pages per sheet, define these settings in **Layout > Multiple pages per sheet**.

EcoPrint

This icon changes the text and graphics to appear lighter in the printed job. **EcoPrint** does not increase print speed.

Edit Quick Print

This button lets you select the print option icons to display and in what order when you access the **Quick Print** tab. The **Edit Quick Print** button is not available when the driver is accessed from an application's **Print** dialog box.

Any basic print options can be **Reset** to the default values in the **Quick Print** tab. This button only appears when it is accessed from an application's **Print** dialog box.

The following sections describe some of the **Quick Print** tab options in more detail. **Collate** and **Print on both sides (manual duplex)** can also be found in the **Basic** tab. **EcoPrint** can be found in the **Basic** tab and **Imaging** tab.

Multiple pages per sheet can be found in the **Layout** tab. The **Profiles** options are accessed from **Printing Preferences**.

Collate

Collate specifies the order in which the pages of a multiple copy job are printed. With **Collate** selected, the first time the print job is sent to the printing system the data is rendered as page images in the printing system's memory. The remaining job copies are printed from the stored data. This avoids the extra processing involved in sending every copy from the computer to the printing system.

With **Collate** selected, the driver prints the complete job set by set. With **Collate** cleared, it prints each page by set. For example, with **Collate** selected, three copies of a five-page document output as pages one through five in succession, three times.

The printer driver automatically overrides the application's **Collate** setting and uses the printer driver setting. You can use the application's **Collate** setting by clearing the **Ignore application collation** check box in the **Compatibility Settings** dialog box accessed from **Device Settings**.

Manual Duplex Printing

Manual duplex lets you print on both sides of a sheet by ordering the print job so that after the first half of the print job has been printed, the job can be flipped over and fed from the cassette for the second side printing. (In the **Basic** tab, the **Source** option must be set to **Cassette 1**.)

Flip on long edge

Turn the long edge of the page to view the content.

Flip on short edge

Turn the short edge of the page to view the content.

When you select the **Print on both sides (manual duplex)** check box, manual duplex instructions are automatically printed to help guide you through the manual duplex printing process. You can choose to clear this check box when you are familiar with the procedure.

Multiple Pages per Sheet

Multiple pages per sheet prints several pages on a single sheet of paper for the purpose of reviewing the document and conserving paper. The size and readability of the multiple pages decrease as the number of pages per sheet is increased. You can set the arrangement of the pages from the **Layout** tab as well as print borders around each of the pages.

When **Multiple pages per sheet** is selected, **Poster** and **Scaling** are unavailable.

Edit Quick Print

The assortment of icons at the top of the **Quick Print** tab can be customized to include features that you use most often. Any number of icons from 0 to 5 can be displayed. All icons can be removed from view if you want to use only the **Profiles** options in the **Quick Print** tab.

Note: An administrator can hide the **Edit Quick Print** button by selecting **Hide Edit Quick Print control** in **Device Settings > Administrator Settings**. The **Edit Quick Print** button is not available when the driver is accessed from an application's **Print** dialog box.

Editing Quick Print Options

You can select from a limited set of driver features to appear in the **Quick Print** tab.

- 1** Click **Start** and click **Devices and Printers** (Windows 7), or click **Control Panel** and double-click **Printers** (Windows Vista), or **Printers and Faxes** (Windows XP).
- 2** Right-click on the desired printing system model and click **Printing Preferences**.
- 3** Select the **Quick Print** tab.
- 4** Click **Edit Quick Print**.

To add a feature to the **Quick Print** tab, select the feature under **Available controls**, and click the right arrow to move the feature to **Selected controls**. A maximum of 5 features can appear under **Selected controls**.

To remove a feature from the **Quick Print** tab, select the feature under **Selected controls**, and click the left arrow to move the feature to **Available controls**. To use only the **Profiles** in the **Quick Print** tab, move all features to **Available controls**.

Click the up and down arrows to change the position of the features under **Selected controls**. The feature at the top appears on the left in the **Quick Print** tab.

To restore the list to factory default options, click **Reset**.
- 5** After making your selections, click **OK**.

Profiles

In **Profiles**, you can save printer driver settings as a profile. You can select multiple options in any **Printing Preferences** tab, save them to a profile, and use all of them at once when you apply the profile. The profiles list always includes a **Factory Default** profile that returns the driver options to their default settings. The profiles can include **Common Profiles**, which are installed as optional components through the Printer Installation Wizard, and any custom profiles created. A maximum of 26 profiles can be established in one driver, including the **Factory Default** profile. Settings made in **Device Settings** cannot be saved to a profile.

Selecting a Profile

You can select and apply a profile from the **Quick Print** tab or from the **Profiles** dialog box.

Quick Print tab

- 1 From **Profiles**, select a profile.
- 2 Click **Apply**. The side panel displays the options for that profile using an icon and a summary.
- 3 Click **OK**.

Profiles dialog box

- 1 In any of the **Printing Preferences** tabs, click **Profiles**.
- 2 In the **Profiles** dialog box, select a profile.
- 3 Click **Apply**. The side panel displays the options for that profile.
- 4 Click **OK**.

Saving a Profile

The **Save** button lets you create your own profiles. You can select the printing options you want in the driver, then save the driver settings including your customizations as a profile. You can then use that profile to print the same type of print job again without having to reselect all the settings. In **Printing Preferences**, the **Profiles** button appears at the bottom of all the tabs.

- 1 Set the printing options you want for your print job by opening **Printing Preferences** and selecting all your driver settings.
- 2 Click **Profiles > Save**.
- 3 To identify the profile, type a **Name**, select an **Icon**, and type a **Description**.
- 4 Click **OK** to save the profile.

The newly added profile appears in the **Profiles** dialog box.

- 5 Click **Apply** to use the selected profile for the current print job, or click **OK** to close the dialog box.

Note: To reset the printer driver to default settings, select the **Factory Default** profile, and click **Apply**. This clears the settings of a selected profile.

You can remove a profile by selecting it in the **Select profile** list and clicking **Delete**.

Editing a Profile

The **Edit** button lets you make changes to an existing profile. The **Factory Default** profile cannot be edited.

- 1 Click **Profiles**.
- 2 In the **Select profile** section, select the profile to be edited, and click **Edit**.
- 3 Any of the three options can be edited: name, icon and description. Click **OK** to save the edited changes.
The newly edited profile appears in the **Profiles** dialog box.
- 4 Click **Apply** to activate the selected profile to the current print job, or click **OK** to close the dialog box.

Importing a Profile

The **Import** button lets you import a copy of a profile from other printer drivers into your printer driver.

- 1 Click **Profiles > Import**.
- 2 Browse for the existing profile (.KXP), select it, and click **Open**.
A message appears if any of the profile settings in the imported file are unavailable in the existing driver. Select **Yes**, to import the profile, or **No**, to cancel the import.
- 3 If you selected **Yes** in the previous step, the newly imported file appears in the **Profile** dialog box.
- 4 Click **Apply** to use the selected profile for the current print job, or click **OK** to close the dialog box.

Exporting a Profile

The **Export** button lets you export a copy of a profile from your printer driver for use in other printer drivers. The **Factory Default** profile cannot be exported.

- 1 Click **Profiles**.
- 2 In the **Select profile** section, select the profile to be exported, and click **Export**.

- 3 The **Export Profile** dialog box appears. Name and save the profile.
- 4 Click **OK** to close the **Profiles** dialog box.

Application Based Printing

An administrator can associate a profile with an application so that all printing from the application uses the same profile settings. This makes profiles easier to use and ensures consistent printing from an application. For example, a manual duplex profile can be applied to all spreadsheet printing to save paper, or reports in Microsoft Word can be set to print with consistent stapling and print quality.

Associations between profiles and applications can be created at any time in the **Profiles** dialog box. To use the associations in printing, the feature must be turned on in the **Administrator Settings** dialog box, accessed from **Device Settings**.

A maximum of 25 associations can be created in the **Application Based Printing** dialog box, accessed from the **Profiles** dialog box.

In a client/server environment, clients can view details about server associations but cannot change settings or select another profile.

Adding an Association

Once profiles have been created or imported, you can create an association between a profile and an application. Then the application always prints using the associated profile settings.

- 1 In any tab, click **Profiles** to open the **Profiles** dialog box.
- 2 Click **Application** to open the **Application Based Printing** dialog box.
- 3 Click **Add** to open the **Add Association** dialog box.
- 4 Enter a name for the association, to a maximum of 31 characters.
- 5 Under **File name**, enter a valid executable file name (.EXE) for an application that allows printing, or browse to find a file located on your computer.
- 6 Select a profile from the list.
- 7 Click **OK** in the **Add Association** and **Application Based Printing** dialog boxes to create the association.

You can remove an association by selecting it and clicking **Delete**.

Editing an Association

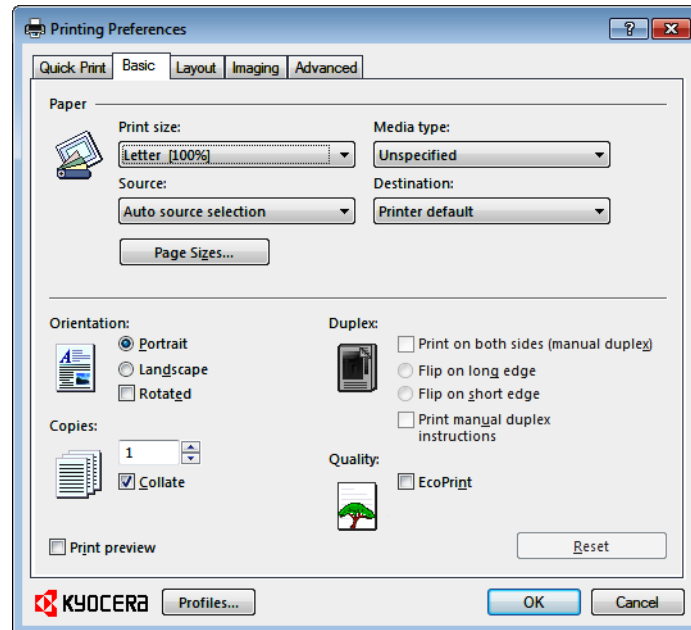
You can change the name, file, and profile for an association.

- 1 In any tab, click **Profiles** to open the **Profiles** dialog box.
- 2 Click **Application** to open the **Application Based Printing** dialog box.

- 3** Select an association to edit and click **Edit** to open the **Edit Association** dialog box.
- 4** Change desired settings under **Association name**, **File name**, or **Profile**.
- 5** Click **OK** in the **Edit Association** and **Application Based Printing** dialog boxes to save the revised association.

4 Basic

In the **Basic** tab, you can specify the most commonly used printer driver settings.



Basic Settings

The **Basic** tab contains several settings for the most commonly used printing tasks.

Print size

This setting sets the size of the area that the printer prints to, regardless of the actual paper size that is used by the printing system.

Source

This setting specifies the cassette or tray that the printing system draws paper from. Unless you are using a custom paper type, you can leave it set to **Auto source selection**.

Media type

This setting selects the **Source** based on the types of media that are specified in the printing system. In general, you can leave it set to **Unspecified**.

Destination

This setting specifies which output tray is used for the print job output.

Page Sizes

This setting should match the page size setting in your application. The printing result is based on the page size specified in this setting. You can also create a custom page size.

Orientation

These settings specify the paper orientation of the print job. If **Rotated** is selected, the print job orientation is rotated 180 degrees.

Copies

This setting specifies the number of copies to print. For collating multiple copies, select **Collate**.

Duplex

These settings enable printing on both sides of a sheet of paper.

Quality

This **EcoPrint** check box makes the entire image, text and graphics, appear lighter in the printed job. This setting does not increase print speed.

Print Preview

This setting lets you view your document before printing.

Note: Some applications may override print settings made in the driver. Usually the application can be set to follow the settings. In Microsoft Word 2007, ensure that **Default tray** in **Options** is set to **Use printer settings**.

Source and Media Types

In the **Basic** tab, **Source** specifies which tray or cassette the printer uses for a printing job. The default is **Auto source selection**, which instructs the printer to search for the media requested by the application or the printer driver. If the selected tray or cassette empties during a print job, then the printer searches for another source, and continues the job.

Media type instructs the printer to search for the type of paper or media that is requested by the application or the printer driver. The choices shown may change depending on the selection in **Source**. If **Auto media selection** is selected, then the printer searches for another tray or cassette using the same media.

Transparencies, labels, and envelopes must be supplied from **Manual Feed**. Ensure the paper is properly loaded by following the instructions outlined in the printing system's *Operation Guide*.

Note: **Source** and **Media type** are separate items in the dialog box, but can be combined using the **Combine source and media type lists** setting in **Compatibility Settings**. If they are combined, **Media type** is not available on the **Basic** tab. To change this setting, open **Device Settings > Compatibility Settings** and clear the **Combine source and media type lists** selection.

Print Size and Page Size

Print Size controls the output page size of the document. To use this setting, ensure that the **Page Sizes** setting matches the page size setting in your application. If the **Print Size** is different from the page size in your application, then each page is enlarged or reduced to match the **Print Size**. The percentage value shown in brackets indicates the size of the **Print Size** setting relative to the **Page Sizes** setting. If the **Page Sizes** does not match the page size setting in the application (the size of the original) then, in most cases the **Print Size** is ignored and the document is printed based on its original size.

You can create a page size with your chosen dimensions for printing on non-standard size paper. You can then save the custom setting to the **Page Sizes** and **Print Size** lists for later selection.

Creating a Custom Page Size

To use custom page sizes, they must be created and added to the **Print size** list. The driver supports a maximum of twenty custom sizes.

- 1 In the **Basic** tab, click **Page Sizes**.
- 2 Click **New**.
- 3 A default custom name appears in the **Name** box. Type a name for your custom page size.
- 4 Type or select values for the height and width. If the height or width value exceeds the allowable limit, it automatically adjusts to the limit after **Apply** or **OK** is clicked.
- 5 When done, click **Apply**.

The custom page size appears in the **Print size** list, which is used for enlarging and reducing the sizes of prints.

To delete a custom page size from the **Page Sizes** dialog box, select the name of the custom page size and click **Delete**.

Printing with Custom Size Pages

You can print on custom-sized pages.

- 1 Load custom-sized paper into the **Manual Feed**.
- 2 In the **Basic** tab, select the name of your custom page size in the **Print Size** list.
- 3 Click **OK** to return to the **Print** dialog box.
- 4 Click **OK** to start printing.

Manual Duplex Printing

Manual duplex lets you print on both sides of a sheet by ordering the print job so that after the first half of the print job has been printed, the job can be flipped over and fed from the cassette for the second side printing. (In the **Basic** tab, the **Source** option must be set to **Cassette 1**.)

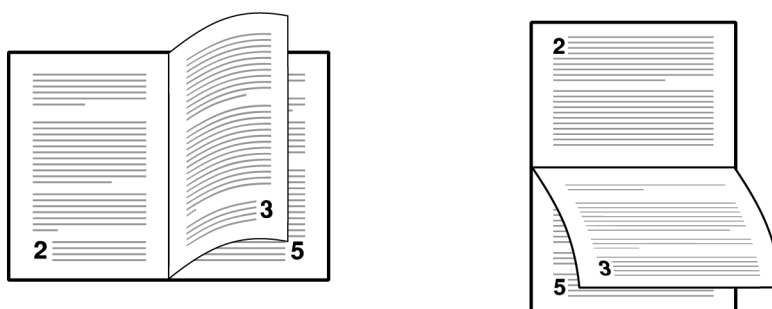
Flip on long edge

Turn the long edge of the page to view the content.

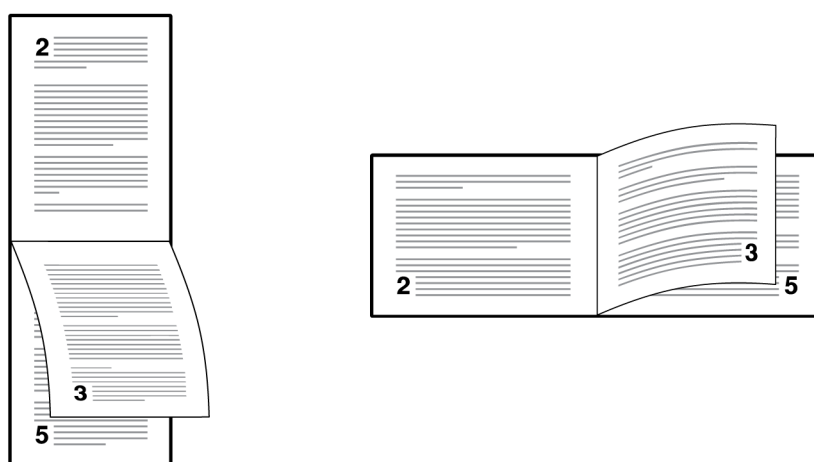
Flip on short edge

Turn the short edge of the page to view the content.

Flip on long edge



Flip on short edge



When you select the **Print on both sides (manual duplex)** check box, manual duplex instructions are automatically printed to help guide you through the manual duplex printing process. You can choose to clear this check box when you are familiar with the procedure.

Printing in Manual Duplex Mode

You can print on both sides of each page.

- 1** In the **Basic** tab, ensure that the **Paper > Source** option is set to **Cassette 1**.
- 2** Select **Print on both sides (manual duplex)**.
- 3** Select either **Flip on long edge** or **Flip on short edge**.
- 4** Initially, the **Print manual duplex instructions** box is automatically selected for you when you access the **Print on both sides (manual duplex)** check box. A one-page instruction sheet prints with your first set of papers guiding you to insert the printed pages back into the cassette to finish printing on the second side of the paper. You can clear this check box when you are familiar with printing in manual duplex mode.
- 5** Click **OK** to return to the **Print** dialog box.

- 6 Click **OK** to start printing.

Collate

Collate specifies the order in which the pages of a multiple copy job are printed. With **Collate** selected, the first time the print job is sent to the printing system the data is rendered as page images in the printing system's memory. The remaining job copies are printed from the stored data. This avoids the extra processing involved in sending every copy from the computer to the printing system.

With **Collate** selected, the driver prints the complete job set by set. With **Collate** cleared, it prints each page by set. For example, with **Collate** selected, three copies of a five-page document output as pages one through five in succession, three times.

The printer driver automatically overrides the application's **Collate** setting and uses the printer driver setting. You can use the application's **Collate** setting by clearing the **Ignore application collation** check box in the **Compatibility Settings** dialog box accessed from **Device Settings**.

Printing Collated Documents

When printing multiple copies of a multiple page document, the printer can assemble the pages of each copy in numerical order.

- 1 In the **Basic** tab, select the **Collate** check box.
- 2 Type or select the number of complete sets of the print job in the **Copies** box. The document page count must not exceed the printer tray capacity.
- 3 Click **OK** to return to the **Print** dialog box.
- 4 Click **OK** to start printing.

Quality

The **Quality** feature, **EcoPrint**, changes toner saturation in the printed job, making the entire print image, including text and graphics, appear lighter. The amount of toner varies based upon your printing system model and the type of data printed (text, graphics, or both). **EcoPrint** is also available in the **Quick Print** and **Imaging** tabs.

To enable this feature in the **Basic** tab, select the **EcoPrint** check box.

Print Preview

After selecting driver settings, you can use **Print preview** to check the print job before you proceed with printing. If you are satisfied with the preview, you can print. Or you can cancel printing if you want to change driver settings.

Previewing a Print Job

You can see a print preview before printing.

- 1 Select desired driver settings in all tabs, or select a profile.

- 2 In the **Basic** tab, select **Print preview**.
- 3 Click **OK** in the **Printing Preferences** and **Print** dialog boxes.
- 4 When the **Print preview** dialog box appears:
 - Click the arrow buttons to view document pages.
 - To close the preview and make additional changes in driver settings before printing, click the “X” button.
 - If you are satisfied with the preview, click the printer button to print the job.

Kyocera Logo

The **Kyocera** logo appears on the bottom portion of any **Printing Preferences** screen or **Device Settings** screen. Click the logo to open the **About** dialog box that displays the driver version number and driver plug-in information.

Displaying Version Information

In **Device Settings** or any tab, click **Kyocera** logo > **Version** to view the following driver information:

File Name

Version

Description

Date

Manufacturer

Comments

To view copyright information, click **Legal Notices**.

Click **OK** to close the driver information dialog boxes.

Displaying Plug-in Information

A plug-in integrates with the printer driver to extend the driver's capabilities.

In **Device Settings** or any tab, click **Kyocera** logo > **Plug-in** to view the following plug-in information:

Module

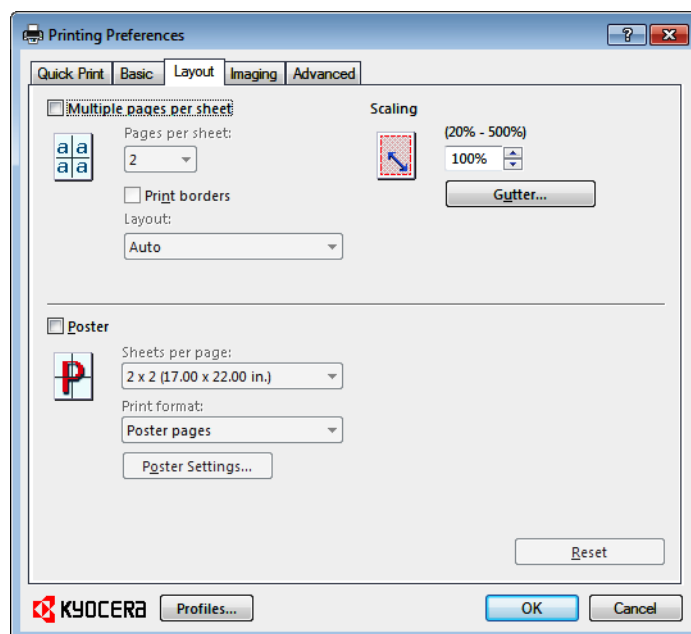
Description

Version

Click **OK** to close the driver information dialog boxes.

5 Layout

In the **Layout** tab, you can arrange document data on printed pages without affecting the original document.



Multiple Pages per Sheet

Multiple pages per sheet prints several pages on a single sheet of paper for the purpose of reviewing the document and conserving paper. The size and readability of the multiple pages decrease as the number of pages per sheet is increased. You can set the arrangement of the pages from the **Layout** tab as well as print borders around each of the pages.

When **Multiple pages per sheet** is selected, **Poster** and **Scaling** are unavailable.

Printing Multiple Pages per Sheet

You can print several pages on a single sheet of paper.

- 1 In the **Layout** tab, select **Multiple Pages per sheet**.
- 2 In **Pages per sheet**, select the number of pages to print on each sheet of paper.
- 3 If you want to print a border around each page, select **Print borders**.
- 4 In the **Layout** list, select the direction the pages should flow.

- 5 Click **OK** to return to the **Print** dialog box.
- 6 Click **OK** to start printing.

Scaling

Scaling increases or decreases text and graphics on a page. You can also select a gutter setting that enlarges the margins to accommodate stapling or hole punch. Scaling is unavailable when **Poster** or **Multiple pages per sheet** is selected.

Setting Scaling on the Page

You can increase or decrease text and graphics on a page.

- 1 In the **Layout** tab, select **Scaling**.
- 2 Type or select a percentage between 20 to 500.
Scaling adjusts proportionately the height and width of the page. A lower percentage reduces the page and a higher percentage enlarges the page.
- 3 Click **OK** to return to the **Print** dialog box.
- 4 Click **OK** to start printing.

Gutter

A gutter creates additional blank space on the left side and at the top of the sheet. It is often used for binding, hole punch or stapling to make a print job easier to read. Increasing the measurements in **Gutter** increases the margins around your text and graphics on the left side, or top of the printed sheet. This creates a larger margin space by shifting the printable area to the right, or down as much as one inch (25.4 mm).

Creating a Gutter

You can increase the margins on the left side and at the top of the printed sheet.

- 1 In the **Layout** tab, click **Gutter**.
- 2 In the **Gutter width** options, type or select a value between 0.20 to 1.00 inches (5.0 to 25.4 mm).
 - Long edge (left)**
This selection modifies the outside margin on the left-side of the page.
 - Short edge (top)**
This selection modifies the outside margin on the top-edge of the page.

Note: Availability of **Gutter** settings varies depending on **Orientation** and **Duplex mode** settings in the **Basic** tab.

- 3 If text extends too close to the edge of the page, select **Reduce image to fit**. The text appears slightly reduced and away from the edge of the page. If text does not extend beyond the page when the gutter increases, clear **Reduce image to fit**.
- 4 Click **OK** to save gutter settings, then click **OK** again to return to the **Print** dialog box.
- 5 Click **OK** to start printing.

Poster

The **Poster** feature lets you create a document to a size that is larger than the paper your printer can support. You can print a poster, or banner, up to 25 times larger than the original document. Segments of the poster document are printed on several sheets of paper and with the assistance of poster settings, you can reassemble the sheets easily to create a poster.

When **Poster** is selected, **Multiple pages per sheet** and **Scaling** are unavailable.

Use **Sheets per page** to select the poster size in relation to the original document size. Each option shows the number of sheets to be printed and the maximum poster size.

Note: The **Sheets per page** displays the unit of measurement in inches or millimeters. You can change the **Units** setting in the **User Settings** dialog box, accessed from **Device Settings**.

Use **Poster Settings** to select options, in any combination to make it easier to create a poster. These options print visual cues on the poster sheets that provide help in cropping and assembling the pages.

Overlap edges

This selection duplicates the edges of document data on adjoining sheets. Poster appearance is improved when the edges overlap slightly. Select the check box, then type or select a value between 0.00 and 1.20 inches (0.0 and 30.4 mm). This option reduces the final poster size slightly.

Print crop marks

This selection prints a border at the edges of each poster sheet. You can crop each sheet on the border before assembling the sheets. This option ensures that data on adjoining sheets matches precisely.

Print assembly marks

This selection prints numbers at the edges of each sheet, matching numbers on adjoining sheets. Assemble each sheet edge to the same numbered edge on another sheet.

Use **Print format** to print a proof sheet, along with the poster, to guide you in assembling the printed poster sheets.

Poster pages

This selection prints all of the sheets to be assembled as a poster.

Proof sheet

This selection prints all the poster pages on one sheet with markings that display the sheet assembly.

Poster pages and proof sheet

This selection prints all poster sheets and a one-page proof sheet.

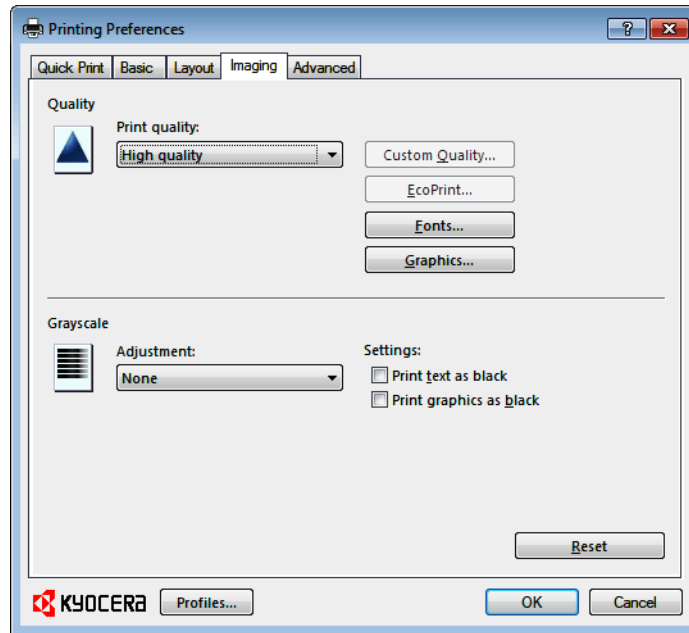
Printing a Poster

You can print a poster.

- 1** In the **Layout** tab, select **Poster**.
- 2** In **Sheets per page**, select the poster size. Each option describes the number of sheets it takes to represent one finished poster page.
- 3** Click **Poster Settings** to select options in any combination. These options ensure a precise assembly of the pages to create the poster.
- 4** In **Print format**, select one of the options for a finished print format.
- 5** Click **OK** to return to the **Print** dialog box.
- 6** Click **OK** to start printing.

6 Imaging

In the **Imaging** tab, you can manage print quality and grayscale settings.



Print Quality and Custom Quality

Print quality lets you set the quality of the print job. **High quality** is the highest printing quality and **Custom Quality** lets you set options that are eco-friendly.

Selecting Print Quality

In the **Imaging** tab, select a **Print quality** from the list.

High quality

Select this setting to print at the highest print quality.

Custom

Custom lets you choose a setting for **EcoPrint**. Selecting **Custom** without **EcoPrint** results in a default setting to the highest print quality.

Kyocera image refinement smooths the edges of text and vector graphics and can be set to **On**, or **Off**.

Selecting EcoPrint

EcoPrint changes toner saturation in the printed job, making the entire print image, including text and graphics, appear lighter. The amount of toner varies based upon your printing system model and the type of data printed (text, graphics, or both). **EcoPrint** is also available in the **Quick Print** and **Basic** tabs.

- 1 In the **Imaging** tab, in the **Print Quality** list, select **Custom**.

- 2 Click **EcoPrint** to open the **EcoPrint** dialog box.
- 3 To start **EcoPrint**, select **On**; to stop it, select **Off**.
- 4 Click **OK** to close the **EcoPrint** dialog box.

Fonts

A computer font is a data file containing a set of glyphs (visual representations of textual elements), characters, or symbols. Common terms for fonts are:

Outline fonts, in contrast to bitmap fonts, are defined as a set of mathematical lines and curves. An outline font is more easily scalable (designed to display and print clearly at any point size) than a bitmap font.

Bitmap fonts define each character as a pattern of pixels (the smallest resolvable rectangular areas of an image). Such fonts are not easily scalable and distort when reduced or enlarged.

TrueType fonts are a type of scalable outline fonts. TrueType has long been the most common format for fonts on Microsoft Windows.

Font Settings

The **Fonts settings** dialog box lets you specify how TrueType fonts are sent to the printing system. The chosen method affects the speed and quality of the print job:

Download as outlines

This method is best suited for large documents or print jobs using multiple fonts and font sizes. Print speeds are faster because of the optimization features in this setting. The repetition of similar font data sent to the printing system is reduced, thereby increasing the print speed. Print speed is not increased when using Asian fonts such as Japanese, Chinese, and Korean, because of the large amount of font information used for these particular fonts.

Download as bitmaps

Downloading fonts as bitmaps provides more detail, however it creates large file sizes. This is best suited for print jobs with user-defined fonts, very small fonts (point size 1-4), or Asian fonts.

Selecting Font Settings

You can specify how TrueType fonts are sent to the printing system.

- 1 In **Imaging > Font Settings**, select one of the methods for sending TrueType fonts.
- 2 Click **OK** to return to the **Print** dialog box.
- 3 Click **OK** to start printing.

Graphics

Graphics are pictorial representations of information. Graphics can be functional (charts, diagrams) or artistic (drawings, photographs). **Graphics Settings** let you select options for your printed graphics.

Selecting Graphics Settings

- 1 In the **Imaging** tab, click **Graphics**.
- 2 In the **Graphics Settings** dialog box, select from the available options, and then click **OK** to save your selections.

Pattern Scaling

Pattern scaling is a feature that can help improve visual compatibility between screen and print output. Graphics objects, such as a shape or a path, often include patterns and fills that are composed of collections of printed dots. A pattern is a planned or random repetition of colors, shapes, lines, values, and textures to create a visual arrangement. A fill is the application of a color or grayscale to a graphics object. If printed patterns and fills do not match the appearance of that on the screen, use **Pattern scaling** to select a different density of printed dots.

In the **Imaging** tab, click **Graphics** to open the **Graphics settings** dialog box and access the **Pattern scaling** settings.

Auto (default setting)

This setting prints patterns and fills to match the on-screen appearance.

Coarse

This setting prints patterns and fills with the fewest number of lines, patterns, or dots.

Medium

This setting prints patterns and fills with a greater number of lines, patterns or dots than the Coarse setting.

Fine

This setting prints patterns and fills with the greatest number of lines, patterns, or dots. Printed patterns and fills may appear more dense than the on-screen appearance.

Adjusting Grayscale

The grayscale adjustment settings change the **Brightness** and **Contrast** of graphics. These settings are useful if graphic images are printing too light, too gray, or too dark. Text remains unaffected.

- 1 In the **Imaging** tab, under **Adjustment**, select **Custom**.
A preview image in the **Adjustment Settings** dialog box illustrates any brightness and contrast changes.
- 2 Drag the **Brightness** slider right to lighten, or left to darken the graphic images of the print job.
You can also change brightness by entering a numeric value in the text box at the right. The brightest setting is +100; the darkest is -100. Zero is the default

mid-level setting. Adjusting brightness is useful when graphic images are printing too dark or too light.

- 3 Drag the **Contrast** slider right or left to increase or decrease the proportion of light to dark in the graphic images of the print job.

A high contrast setting decreases the grayscale spectrum, making light grays lighter and dark grays darker. A low contrast setting increases the grayscale spectrum, making light grays darker and dark grays lighter.

You can also change contrast by entering a numeric value in the text box at the right. The highest contrast setting is +100; the lowest is -100. Zero is the default mid-level setting. Adjusting contrast is useful if graphic images are printing too gray, or too black and white.

- 4 Click **OK** to save your grayscale adjustment settings.

Selecting Text and Graphics Effects

Print text as black

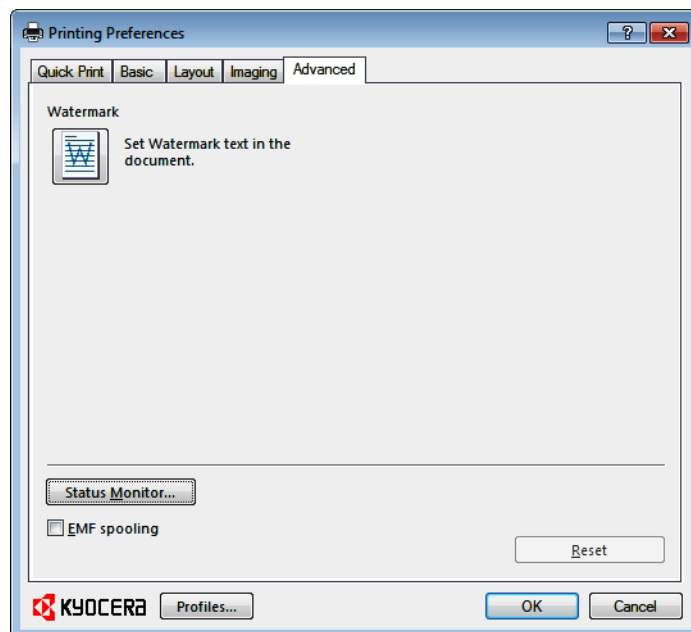
This option prints all color text as black. It produces faster printing of color text by reducing the amount of data sent to the printer. In black and white printers, it increases the detail for light-colored text printed. White text and image colors are unaffected.

Print graphics as black

This option prints all color graphics with black, rather than grayscale. This feature is intended for CAD applications.

7 Advanced

In the **Advanced** tab, you can choose special features that extend the capabilities of the printing system.



Watermark

A watermark is a recognizable image or pattern that can be placed on a page or throughout a document. You can choose one of the standard watermarks or create your own text. The preview area at the left of the dialog box shows how the watermark appears on a page. This is useful for making adjustments to the appearance and location of the watermark.

Adding or Editing a Watermark

You can create a new watermark that displays your chosen text. Any watermark can be edited, though a limited number of options can be changed for default watermarks.

- 1 In the **Advanced** tab, click **Watermark**.
- 2 In the **Watermark** dialog box, click **Add** to create a user defined watermark; or under **Select watermark**, select a default or custom watermark and click **Edit**.
- 3 Under **Watermark name**, type a name, up to 39 characters. A default watermark cannot be renamed.

- 4 Under **Watermark text**, type your preferred text. This option is not available when editing a default watermark.
- 5 Select the desired font, style, and size of the text.
- 6 Select the color of the watermark from the list. The options available are black and shades of gray.
- 7 Select the watermark **Count**, to a maximum of 20. In the **Spacing** spin box, select the distance between two or more watermarks in tenths of an inch or in millimeters.
- 8 Select the **Position** of the watermark with one of the following options.

Centered [default]

This option places the center of the watermark text in the center of the page.

User defined

This option lets you manipulate the x and y coordinate boxes to move the text around the page.

You can also change the position by clicking the position button at the bottom of the preview area. Click and hold as you drag the pointer to move the watermark image.
- 9 Select the **Angle** of the watermark with one of the following options.

Diagonal [default]

This option places the watermark text at the default angle on the page.

User defined

This option lets you type a degree value for the angle. An angle is measured in degrees, from 0 to 360.

You can also change the angle by clicking the angle button at the bottom of the preview area. Click and hold as you drag the pointer to move the watermark image.
- 10 The **Rotate around center** check box at the bottom far right of the dialog box determines the method of rotation for the watermark. You must select **User defined** in both **Position** and **Angle** to enable this option. Select **Rotate around center** to position the watermark text with the center of the text as its axis, and clear it to position the watermark text with the left end of the text as its axis.
- 11 In all dialog boxes, click **OK**.

Selecting Pages for Watermark

The **Page selection** option for **Watermark** lets you choose the location for watermarks in your document.

- 1 In **Advanced > Watermark > Select watermark**, choose a default or custom watermark to print.
- 2 Under **Page selection**, choose pages for printing the watermark:

All pages

This option prints the watermark on each document page.

First page only

This option prints the watermark on the first document page.

All pages except first page

This option prints the watermark on all pages after the first page.

Only on specified pages

This option prints the watermark on page numbers typed in the box.

- 3 In all dialog boxes, click **OK**.

Configuring Status Monitor

The **Status Monitor** displays printing system status messages in the lower right corner of the window during printing. You can start a status monitor for each supported printing system. More than one status monitor can be displayed at one time.

- 1 In the **Advanced** tab, click **Status Monitor**.
- 2 If you want the **Status Monitor** image to appear during a print job, in the **Status Monitor** dialog box, select the **Status Monitor** check box.
- 3 To view the print job status without changing the **Status Monitor** setting, click **Open Status Monitor**.
The **Status Monitor** image appears in the lower right corner of your computer screen.
- 4 Move the pointer over the **Status Monitor** image to display balloon-style status messages containing information about printing system activity and the printer port.
- 5 To display a list of options, right-click the **Status Monitor** icon in the system tray.

Hide the status monitor/Show the status monitor

Switches between hiding and showing the **Status Monitor** image.

Note: You can also hide the **Status Monitor** image by right-clicking on the image, then clicking **Hide the status monitor**, or let the **Status Monitor** close on its own after 5 minutes if there is no printing activity.

Configure

Opens a web browser to display a printer web page.

Note: If your printer is connected with a USB cable, this feature cannot be used. Define settings using the operation panel of the printing system.

Preferences

Opens a dialog box with options for **Status Monitor** sound notification and appearance choices.

www.kyoceramita.com

Opens a web browser to the Kyocera Mita home page.

Exit

Closes the **Status Monitor**.

Setting Status Monitor Preferences

You can configure printing system alerts with accompanying sound or speech in the Status Monitor **Preferences** dialog box. You can also change the appearance of the **Status Monitor** image.

- 1** Right-click the **Status Monitor** icon in the system tray.
- 2** Click **Preferences**.
- 3** Click the **Sound Notification** tab.
- 4** Select the **Enables Event Notification** check box.
- 5** Select an event for a **Status Monitor** alert.
 - Cover open**
 - Paper jam**
 - Add paper**
 - Sleep**
 - Add toner**
 - Toner low**
 - Not connected**
 - Printing**
 - Printing completed**
- 6** In the **Sound Notification** tab you can also add sound or speech to your chosen alert.
 - To add a sound file:
 - Clear the **Use Text to speech** check box.
 - The sound file text box becomes available. Type the location of a sound file (.WAV), or browse to find a file located on your computer.
 - To add speech:
 - Select **Use Text to speech**.
 - Type your preferred text in the text box. The Microsoft Text to Speech utility reads your typed text and plays it back in a spoken voice.
- 7** To change the size, placement, and transparency of the **Status Monitor** image, click the **Appearance** tab.
 - Enlarge window**
 - Select to double the size of the **Status Monitor** image and text balloons.
 - Always on top**

Select to make the **Status Monitor** always appear on top of other open windows.

Transparency

This option adjusts the **Status Monitor** to let a variable amount of background show through the image. Type or select a value from zero to fifty in the box. Higher values create greater transparency. A zero value creates a completely opaque image.

- 8 In the **Preferences** dialog box, click **Apply** to save your settings, click **OK** to save your settings and close the dialog box, or click **Cancel** to close the dialog box without saving any settings.

EMF Spooling

EMF (Enhanced MetaFile) is a spool file format used in printing by the Microsoft Windows operating system. When a print job is sent from an application, it is transferred to the spool file. The application writes to and the printer driver reads from the spool file simultaneously. For multiple or large documents, this quickly returns application control to the user while the printer is still printing the document.

Selecting EMF Spooling

To print with EMF spooling:

- 1 From the **Advanced** tab, select the **EMF Spooling** check box.
- 2 Click **OK** and continue the printing process as usual.

Enable Client Profile

Client profile refers to profile settings saved on a client computer. You have the choice to use your local profiles or the server profiles. This feature is intended for use on the client side (PC side) in a client-server environment.

In the **Advanced** tab, clear the **Enable client profile** check box to select profiles from the server to apply to print jobs created by the driver. Server profiles are read-only.

Select the **Enable client profile** check box for using custom profiles locally in the driver.

Glossary

- A** **Application based printing** An administrator can associate a profile with an application so that all printing from the application uses the same profile settings. This makes profiles easier to use and ensures consistent printing from an application.
- C** **Cassette** A removable plastic tray that holds a supply of paper for input to the printer.
- D** **dpi** Dots per (linear) inch. Measurement that describes the sharpness and clarity of printed text and images. The higher the dpi, the more detail there is in the printed output.
- E** **EcoPrint** Imaging feature that changes toner saturation, making the entire image, text and graphics, appear lighter in the printed job. The actual amount of toner used depends on the printing system mode and the type of data printed (text, graphics, or both). EcoPrint does not increase print speed. This feature is also available in the Quick Print and Basic tabs.
- Edit Quick Print** This feature lets you customize the Quick Print view with your preferred print job options.
- Enable client profile** Client profile refers to profile settings saved on a server and accessed by clients in a client/server environment. This feature in the Advanced tab lets an administrator control and distribute profiles.
- G** **GDI compatible mode** A page description language option that accurately reproduces what is viewed on the screen using the Microsoft Graphical Device Interface (GDI) component to render the document. It generates data in a raster printing format, creating a larger printable file.
- Gutter** Blank space on the left side or top of a printed page that can be increased by scaling down text and graphics. You can punch holes or use a stapler in this space. When used with Manual duplex printing, the enlarged blank space lines up evenly on both sides of the sheet. The larger blank space is created by shifting the printable area to the right or down as much as one inch (25.4 mm).
- K** **Kyocera image refinement (KIR)** Imaging feature that refines the edges of text and vector graphics.
- M** **Manual Feed** Source tray used for labels, transparencies, envelopes, and custom printing media.
- Media source enumeration** A Device Settings option that maintains compatibility for cassettes and feeders between old drivers and new drivers or when moving from one manufacturer to another. Compatibility creates a smooth transition for environments using macros or PRESCRIBE commands to access cassettes and feeders.

Multiple pages per sheet This feature lets you print several pages on a single sheet of paper for the purpose of reviewing the document and conserving paper.

O

Optional Printer Components Optional Printer Components include Common Profiles, and need to be installed separately from the driver installer. They are located on the Product Library CD in the Advanced Tools menu.

P

PDL Page Description Language. This is the language used by your computer to tell the printing device how to print a document. Availability of some printing options depends on the selected PDL.

Poster Layout feature for printing a document in a larger size than the maximum supported by the printer so the cumulative sheets can be assembled as a poster. Use this feature to print a document in a large, eye-catching poster format, up to 25 times larger than the original document size.

Print graphics as black This option prints all color graphics and text with black, rather than grayscale. This feature is intended for CAD applications.

Print preview This feature lets you view your document before you send it to print.

Print text as black Prints all color text as black. It produces faster printing of color print jobs by reducing the amount of data sent to the printer. In black and white printing, it increases the detail for light-colored text printed. White text and image colors are unaffected.

Profile A set of user defined driver settings that are saved as a group. Once saved, you can select a profile by name and apply its settings to a print job without selecting each feature individually.

Q

Quick Print tab The Quick Print tab improves usability by providing an easier way to set print options. You can choose basic settings or a predefined printer profile, rather than having to go to various tabs. Quick Print settings can be captured in a group called a profile. Profiles support common printing tasks, saving you from having to repeatedly select the same settings. The Administrator can set the view of the Quick Print tab through the Installation process, or Administrator Settings in Properties.

S

Status monitor Optional feature that displays printing system status messages in the lower right corner of the window during printing. You can customize the appearance of the status monitor, and determine what messages are displayed and how by selecting preferences and notifications.

T

Transparency A clear plastic, page-sized sheet used as a printing medium.

W

Watermark The Watermark feature is available in the Advanced tab. A watermark is a recognizable image or pattern that can be placed on a page or throughout a document. You can choose one of the standard watermarks or create your own text.

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