# CentreWare Internet Services Setup and User Guide

Version 2.0

### Xerox Corporation

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### Introduction

CentreWare Internet Services is an interactive service that uses Internet technology to extend the capabilities of your DocuPrint printer using Internet technology. An HTTP server application developed by Xerox is resident on your network-enabled DocuPrint printer. This HTTP server provides access to advanced services for the installation, configuration, and management of your DocuPrint printer.

The features of CentreWare Internet Services can be accessed through client-resident software interfaces such as Netscape Navigator or Microsoft Explorer version 3.x, or later, browsers. A browser allows users access to a DocuPrint printer on a network via the HTTP server by using the TCP/IP protocol.

You can gain access to the DocuPrint printer from a workstation by entering the printer's IP address as the URL (Universal Resource Locator) in your browser's *Address* or *Location* field. You can monitor the status of the DocuPrint printer, print documents, check or change the printer's configuration and default settings, and access online assistance.

CentreWare Internet Services also provides System Administrators with a faster and more efficient method of installing and upgrading software on a DocuPrint printer. Additionally, a System Administrator and other users gain access to a vast amount of supporting information available on the Internet.

### Who Should Use This Guide?

Users who want to perform tasks such as printing a file, and System Administrators who want to establish and modify DocuPrint printer settings can effectively use this guide.

## **Users** Users without System Administration rights can perform the following activities using Internet Services:

- Use the M@iLinX capability (if available and configured) to distribute print jobs to multiple e-mail addresses and printers
- Check printer status information
- Print jobs using Internet Services
- Access Help and Documentation information for your printer.

**System Administrators** System Administrators will require information that users will not. For example, a user might only want to know how to print a document using Internet Services. A System Administrator will need to access information in all of the chapters of this document, to initially select options, and change others as desired.

> To perform administrative tasks, you must have access to your network and possess System Administrator (Admin) rights for the DocuPrint printer. In addition, you should refer to the User and System Administration documentation, both hardcopy and online, for more information pertaining to your printer. You may also need information from sources provided by network and client workstation vendors.

#### Who Should Use This Guide?

System Administrators with proper *Admin* rights can perform the following activities using Internet Services:

- Use the M@iLinX capability (if available and configured) to distribute print jobs to multiple e-mail addresses and printers. A System Administrator can also set up the printer to send e-mail to certain addresses when certain events occur, such as a Consumable option needs to be replaced or Service is needed on the printer.
- Configure the printer
- Check printer status information
- Access maintenance information such as error logs and diagnostics information
- Print test patterns
- Print jobs using Internet Services
- Customize your printer for use with Internet Services
- Access Help and Documentation information for your printer.

### What is Internet Services?

Internet Services provides a means of accessing your DocuPrint laser printer's device management and printing features over the Internet/Intranet. Along with general user tasks, many System Administration functions can be performed, allowing faster and easier set up and control of the DocuPrint printer.

The Internet Services interface that appears once you have gained access to it using your browser is divided into the following application pages, or tabs:

- Print
- Status
- Properties
- Maintenance
- Assistance.

The following table provides a quick overview of the application pages and their primary uses.

Application Page / Tab	Primary Purpose
Print	Submit a file for printing.
Status	Access General, Consumable, and Configuration status information.
Properties	View and set imaging, print, and multi-national parameters for the DocuPrint printer.
Maintenance	View a list of active and past device faults, diagnostics information, and print test patterns on the DocuPrint printer.
Assistance	View and access printer registration, product home page, software upgrade and other links that provide additional DocuPrint printer information and assistance.

**DocuPrint Printer Internet Services Overview** 

#### What is Internet Services?

# **Print Page** Print-ready documents can be submitted for printing from Internet Services via the *Print* page, or tab.

PostScript, PCL, or plain text print-ready files can be sent to the DocuPrint printer. You can also download a DocuPrint printer-resident print job such as a font list (PCL or PostScript), configuration sheet, or menu map.

## **Status Page** The *Status* page, or tab, provides the following information about your DocuPrint printer:

- General status information such as paper tray contents and page counts
- Consumable information that includes toner, cartridge and the current status of other replaceable units
- Configuration status information such as current software versions, available memory, print description languages, and the status of other installed options.

### **Properties Page**

Many parameters that affect how the DocuPrint printer operates can be viewed and modified using the *Properties* page, or tab. Users can view the settings contained within the *Properties* page, but only System Administrators can modify them. A System Administrator's user name and password is required when settings are applied in the *Properties* pages.

Some of the many options that can be accessed by System Administrators are listed here:

- Imaging default settings
- Settings for DocuPrint Control Panel and browser languages
- Print default settings
- Ethernet, Parallel Port, and Serial Port options
- Settings for NetWare, TCP/IP, AppleTalk, and other network protocols
- Settings and options for M@iLinX (if available and configured)

What is Internet Services?

- PCL and PostScript options
- The ability to clone settings from one DocuPrint printer to another.

The *Properties* page of Internet Services contains a great deal of information, and many options and fields. Use the *Index* icon, located at the top of Internet Services pages, to locate the item or information you desire.

### **Maintenance Page**

The *Maintenance* page, or tab, provides access to information and functions that can help resolve problems with the DocuPrint printer. These include:

- A listing of any active and past faults generated by the DocuPrint printer
- M@iLinX (if available and configured) log information, and alert and print statistics
- Diagnostics data, including general, adjustment, process control status, density rate setpoint, toner concentration, and process voltage information
- The ability to print printer-resident test patterns.

### Assistance Page

The *Assistance* page, or tab, provides a listing of links to websites that can be accessed directly from this page. These include:

- The ability to register the DocuPrint printer
- A link to your DocuPrint printer product home page, or pages
- · Links to printer driver and printer software upgrade sites
- Links to other sites that provide additional DocuPrint printer assistance.

### **Navigating in Internet Services**

This section explains how to perform tasks over the Internet / Intranet. It explains the Internet Services user interface and how it operates. The primary interface components are:

- · Pages and Frames
- Page Buttons.

**Pages and Frames** When you use your browser to access the DocuPrint printer's embedded HTTP server, the DocuPrint printer's home page appears. The home page lists the five major application areas that you can access to view or make settings on your DocuPrint printer.

Clicking on an application area link displays its page.

Each application area has a tab associated with it. Clicking on the tab also displays the desired page.

Internet Services pages are divided into a left and right frame. The left frame contains DocuPrint printer status information, including the name, location, IP Address, and whether the printer is currently online. On the *Properties* pages, information in the left frame is shown in tree, or directory/folder, format. Clicking on the plus (+) sign will expand the tree, while clicking on the minus sign (-) collapses the tree.

You can also use the *Index* icon, located at the top of Internet Services screens, to locate the item or information you desire.

#### Navigating in Internet Services

# **Page Buttons** The table below lists buttons that are available on the Internet Services pages and frames.

Button	Action
Apply New Properties	Apply new settings or modifications and update the printer.
Browse	Access network or local directory paths.
Device Home	Access the DocuPrint printer home page.
Device (Printer) Index	Access the Internet Services index for topics associated with the DocuPrint printer.
Help	Access the Internet Services Help system.
Refresh Status	Update the page with the latest printer status information.
Restore Properties	Return the settings to their last saved values.
Submit Print Job	Submit a job for processing and printing on the DocuPrint printer.

Internet Services Page Buttons

# Where To Get Support

Help	Help is provided with Internet Services. You can access this online help by using the <i>Help</i> button and <i>Assistance</i> fields within Internet Services.
Internet Support	Visit the Xerox Network Laser Printers website on the Internet at <i>www.xerox.networkprinters.com</i> . This site contains product and support information, and the latest announcements of updates and new releases.
<b>Telephone Support</b>	For additional assistance on both your DocuPrint printer and Internet Services, call your Xerox Representative or refer to the support documentation you received with your printer.
	Locate your DocuPrint printer serial number, and record it in the space below so you have it on hand when you call.
DocuPrint Printer Serial Number:	

Where To Get Support



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Introduction

### Introduction

CentreWare Internet Services is easy to set up. Once the DocuPrint printer is configured, has an IP address, and its embedded HTTP server is enabled (the default setting), an Internet/Intranet browser can access the DocuPrint printer's home page.

This chapter discusses how to configure the DocuPrint printer and your browser for use with Internet Services.

### **Internet Services Setup Procedure**

Before you can use Internet Services, you must first:

- 1. Configure the DocuPrint printer with TCP/IP.
- 2. Set up a browser to use Internet Services.
- 3. Access Internet Services to make sure that both the printer and Internet Services are configured properly.

#### Step 1. Configure the DocuPrint Printer with TCP/IP

To set up a DocuPrint printer for Internet/Intranet access:

1. Configure an IP address for the DocuPrint printer on your network. If you do not know the IP address of the printer, the following information can help determine it.

### Determining an IP Address

- If you are using DHCP (<u>Dynamic Host Resolution</u> <u>Protocol</u>), the IP Address is assigned automatically by a DHCP server that resides on the same subnet as your printer. Make sure that *DHCP* is set as the Address Resolution on your printer. Go the to the DHCP server and configure it with the IP address information you want to assign to your printer. Use the documentation supplied with your server software, if needed.
- If you are using BootP / RARP, go the to the RARP server and configure the server with the IP Address you want assigned to your printer. Make sure that *BootP* / *RARP* is set as the Address Resolution on your printer.
- 2. Enable the embedded HTTP server at the printer's Control Panel. (Note that the HTTP server is enabled by default and only needs to be enabled if is has previously been disabled.)

Refer to the System Administration documentation for your DocuPrint printer if you need additional information on accessing or entering the IP address, or enabling the printer's embedded HTTP server for your printer.

#### Step 2. Set up the Browser

You can use Internet Services on any workstation that has a browser (Netscape Navigator or Microsoft Internet Explorer version 3.x or later) with access to the Internet/Intranet.

Browser setup consists of the following actions:

- 1. Install the browser software on your workstation(s).
- 2. Configure the browser to access the Internet/Intranet.

For further information on installing a Netscape Navigator or Microsoft Internet Explorer browser, and available settings and options, refer to your Netscape or Microsoft documentation.

#### Step 3. Access Internet Services

When you enter Internet Services, you access the DocuPrint printer home page, which is the starting point for the application. From the home page, you can access other pages in the application.

To access the DocuPrint printer using Internet Services:

- 1. Type in the DocuPrint printer IP address in your browser's *URL*, *Address*, or *Location* field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
- 2. From the Internet Services home page, click one of the tabs or a specific item in the directory tree that corresponds to the area you want to access.
- 3. Once you have accessed Internet Services, you can designate it as a Bookmark in your browser or add it as a Favorite, and can then access it more quickly. If you are using Windows 95, 98, or NT, you can also place a shortcut on your desktop.



# Installing and Configuring Xerox M@iLinX

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### Introduction

Using the Internet Printing Protocol (IPP), and e-mail send and receive capabilities, you can submit jobs to a DocuPrint printer, regardless of its location, if you know the printer's address.

Xerox M@iLinX runs on Windows 95/98 and on Windows NT version 4.0 and later.

Note that M@iLinX and all of its fields and options are not available on every model of DocuPrint printer.

### M@iLinX Print Description

This feature allows the printer to print jobs that are submitted using the M@iLinX protocol. The printer acts as a mail client and retrieves the jobs from a POP3 server.

This feature allows for the distribution of jobs to multiple e-mail addresses.

When enabled, a reply message is sent upon the successful completion, or failure, of the incoming print job.

### M@iLinX Alert (Notify) Description

This feature allows the System Administrator to set up the printer to send e-mail to specified addresses when certain events occur, such as:

- A Consumable option needs to be replaced or Service is needed on the printer (Consumable or Service Notification)
- A specific interval has been reached (Periodic Notification)
- When a requested Settings Notification is requested by an incoming mail message
- When a Job is completed (a success or a failure).

In other words, a System Administrator can monitor a large number of printers in this way. The printers can be geographically separated, even with firewalls between the printer and e-mail recipients.

### User Benefits Print and Distribute

Using the Xerox M@iLinX-enabled driver, users can send documents to several printers at the same time with a single mouse click. By entering the e-mail address of each destination printer, a job can be sent to all of the printers by using the *print* feature of your software application.

An e-mail reply can also be sent back to the user when each printer receives the job, assuring the sender that the document successfully reached its destinations.

#### **Collaborate More Efficiently**

Sometimes it is difficult to share a document when you and your colleagues or customers have different software applications, or even different versions of the same software. For example, you have probably received an important e-mail with an attachment that you cannot open.

Using your DocuPrint printers, you can print directly to a printer in another location, avoiding software compatibility problems, overnight shipping charges, and saving time.

#### **Reduce Fax Usage**

By allowing remote users to print directly using this e-mail capability, you can drastically reduce your dependence on fax technology. Instead of printing a document and then faxing it (and diminishing the quality of its appearance), users can now print directly to one or more remote printers in one step.

#### **Remote Usage**

You can simply e-mail your print job to a Xerox printer at an office without being connected to the company network. Your job can be waiting in the printer's output tray when you, or the person you sent the job to, arrives at the office. If confidentiality is a concern, the Secure Print feature will delay the printing of the document until a necessary password is entered at the printer's Control Panel.

### System Administrator Benefits

#### **Remote Installation**

Through the power of e-mail Distribution Lists, you can install a new font or form on several printers simultaneously by attaching the file to a single e-mail message. Similarly, printer firmware upgrades can be installed more efficiently by e-mailing an update to multiple printers at the same time.

#### **Remote Monitoring**

Xerox printers that can use the M@iLinX technology may be configured to send e-mail alerts. For example, when a printer runs out of toner or needs service, it will automatically send an e-mail message to one or more System Administrators. You can configure a printer to send a periodic report, or even request one on demand by sending an e-mail to the printer. In all of these cases, the amount of detail and information included in the e-mail reports is fully configurable, so you get only the information that you need.

#### Security

Optional password protection allows restrictions to be placed on access to a printer. By assigning an e-mail password, only designated users will be able to print via e-mail. So there is no compromise to your existing security measures.

If the printer receives an e-mail with an incorrect password, it will reply to the sender that the job was rejected. This capability can also be combined with the Secure Print feature to ensure that confidential documents are released only when a password is entered correctly at the printer.

### **M@iLinX Installation Overview**

Most of this chapter details the steps required to install and configure your printer, server, and clients to use the M@iLinX capabilities of your printer.

Note that while, most often, this installation will be performed by a System Administrator, users can install the Xerox M@iLinX capability on a workstation (refer to Step 1 below). A System Administrator can then complete the needed configuration steps. See your System Administrator if you have questions regarding your role in the M@iLinX installation process.

### M@iLinX Installation and Setup Summary

A summary of the main steps in the M@iLinX installation process is provided below.

Note that more detailed information on M@iLinX setup fields is provided in *Chapter 4, Configuring Your Printer Using Internet Services*.

Use the *Index* icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.

- 1. From the CD ROM that includes the M@iLinX Setup Utility, run the *setup.exe* program that will install the Xerox M@iLinX utility.
- 2. Set up M@iLinX Print options. This step consists of the following actions:
  - Make sure that the client workstation has a mail program loaded and configured on it.
  - Create a POP3 account on your local mail server.
  - Set up the printer to attach to the POP3 server. Refer to the subsection titled *M@iLinX Server M@iLinX Print*, located in the *Administration M@iLinX Options* section of *Chapter 4* for additional information.
  - Set up SMTP Server options. Refer to the subsection titled M@iLinX Server - M@iLinX Alert (Notify), located in the Administration M@iLinX Options section of Chapter 4 for more information. If you do not know the SMTP Server IP Address, use the ping function from your PC.

- Set M@iLinX Print preferences. Refer to the subsection titled M@iLinX Server M@iLinX Print, located in the Administration M@iLinX Options section of Chapter 4 for more information.
- 3. Set up M@iLinX Alert (Notify) options. This step consists of the following actions:
  - If you did not do so in the previous step, set up SMTP Server options. Refer to the subsection titled *M@iLinX Server - M@iLinX Alert (Notify)*, located in the *Administration M@iLinX Options* section of *Chapter 4* for more information. If you do not know the SMTP Server IP Address, use the ping function from your PC.
  - Set up Notification preferences. Refer to the subsection titled *M@iLinX Alert (Notify)*, located in the *Administration M@iLinX Options* section of *Chapter 4*. Choose settings for any of the options that appear on this page, including:
    - Periodic Notification
    - Event Notification
    - Recipient Group Addresses
    - Recipient Group Preferences Notification
    - Recipient Group Preferences Attachments
    - Requested Settings Notification.

### **M@iLinX Installation Steps**

The Xerox M@iLinX Setup utility (*setup.exe*) allows you to install, upgrade and remove the Xerox M@iLinX utility. The utility is implemented in one *dll* file named *xrxmail.dll*. The User Interface for the installation consists of two radio buttons that are used to select desired options, and a progress window.

### **First Time Installation**

For a first time installation of the Xerox M@iLinX utility:

- 1. From the CD ROM that includes the M@iLinX Setup Utility, run the *setup.exe* program that will install the Xerox M@iLinX utility.
- 2. Select the *Install / Upgrade Mail Port* radio button and click on *OK*.
- 3. At the end of the install process, a completion message will be displayed.
- 4. There are four main steps needed to complete the installation and setup process. These are:
- Install the Print Driver
- Add a M@iLinX Port
- Configure the M@iLinX Port
- Test the Installation
- 5. Continue with the appropriate information of the next section titled *Install the Print Driver*. Choose *Windows 95/98* or *Windows NT*, depending on the operating system you are using.

### **Install the Print Driver**

### **Windows 95/98**

To install the print driver, perform the following steps:

- 1. Click on the *Start* menu, select *Settings* and then select *Printers*.
- 2. Double-click on *Add Printer* or access the *Properties* of the printer to which you would like to attach the new M@iLinX port. If you select *Add Printer*, the Add Printer Wizard will lead you through the process of installing and configuring your printer.
- 3. Add a *Local printer* and select the appropriate printer driver for the Xerox M@iLinX-enabled printer that you are installing.
- Select any local port (such as LPT1) for the printer port, or a Xerox M@iLinX port if you have already created a M@iLinX port.
- 5. Enter the printer name that you want assigned to the printer.
- 6. When prompted to print a test page, select the *No* radio button. Click on the *Finish* button to complete the creation of the new printer and the installation of the print driver.
- 7. Continue with the *Windows 95/98* subsection of the *Add a M@iLinX Port* section of this chapter.

Windows NT To install the print driver, perform the following steps:

- 1. Click on the *Start* menu, select *Settings* and then select *Printers*.
- 2. Double-click on *Add Printer* or access the *Properties* of the printer to which you would like to attach the new M@iLinX port. If you select *Add Printer*, the Add Printer Wizard will lead you through the process of installing and configuring your printer.

- 3. Select the My Computer radio button.
- Select any local port (such as LPT1) for the printer port, or a Xerox M@iLinX port if you have already created a M@iLinX port.
- Select the appropriate printer driver for the Xerox M@iLinX-enabled printer that you are installing.
- 6. Enter the printer name that you want assigned to the printer.
- 7. Choose whether you want this printer to be shared with other network users. Select either the *Shared* or *Not Shared* radio button.
- 8. When prompted to print a test page, select the *No* radio button. Click on the *Finish* button to complete the creation of the new printer and the installation of the print driver.
- 9. Continue with the *Windows NT* subsection of the *Add a M@iLinX Port* section of this chapter.

### Add a M@iLinX Port

### **Windows 95/98**

The M@iLinX port is used to send the output of the print driver to the designated printer using e-mail. This can only occur if the printer has an e-mail address.

- 1. Right click on the desired (usually the newly installed) printer in the *Printers* folder, and then select *Properties*.
- 2. Select the Details tab and then select the Add Port button.
- 3. Select the *Other* radio button from the *Add Port* dialog window.
- 4. Select Xerox Mail Port. Then select the OK button.
- 5. Enter the name you wish to assign to this port in the *Enter mail port name* field of the *Add Mail Port* window and then click on *OK*. You can enter any name you wish but it must be unique among ports installed on your system. This includes names assigned to ports created by other port monitors.
- 6. The M@iLinX utility will display an error message if the port name is not unique. The maximum length allowed for this port is 100 characters. (Note that the spooler maximum name length may be less than 100 characters.)
- 7. Continue with the *Windows 95/98* subsection of the *Configure the M@iLinX Port* section of this chapter.

Windows NT The M@iLinX port is used to send the output of the print driver to the designated printer using e-mail. This can only occur if the printer has an e-mail address.

- 1. Right click on the desired (usually the newly installed) printer in the *Printers* folder, and then select *Properties*.
- 2. Select the *Ports* tab and then select the *Add Port* button.
- 3. From the list of Available Printer Ports, select *Xerox Mail Port*. Then select the *New Port* button.

- 4. Enter the name you wish to assign to this port in the *Enter mail* port name field of the *Add Mail Port* window and then click on *OK*. You can enter any name you wish but it must be unique among ports installed on your system. This includes names assigned to ports created by other port monitors.
- 5. The M@iLinX utility will display an error message if the port name is not unique. The maximum length allowed for this port is 100 characters. (Note that the spooler maximum name length may be less than 100 characters.)
- 6. Continue with the *Windows NT* subsection of the *Configure the M@iLinX Port* section of this chapter.

### **Configure the M@iLinX Port**

### Windows 95/98

The *Xerox Mail Port Configuration* dialog window will now be displayed.

- 1. The *Timeout Setting* allows you to set the maximum time to wait for a response from the mail server. The default is 2 minutes and is adequate for most situations. Set the value as desired with a value from 1 to 10 minutes.
- 2. You are presented with a choice whether to *Select recipients at print time*, or you want a fixed destination for your print jobs (if you will be sending a job, or jobs, to the same destination repeatedly).
- 3. Leaving this *Select recipients at print time* field unchecked selects the *Static* operation. In the *Static* mode, the selected recipients, subject, password and coversheet message are set up once and used for all documents e-mailed through this port. This *Static* mode should be used if you are planning to share the printers that are attached to this port.
- 4. Selecting the *Select recipients at print time* checkbox in the *Xerox Mail Port Configuration* dialog window enables the *Dynamic* mode. In this mode, as its name implies, recipient selection is dynamic. When a document is about to be e-mailed, you are prompted with the *Xerox Mail Port Recipient Setup* dialog window.
- 5. If you checked the Select recipients at print time checkbox, you would complete the Enter your return e-mail address and the Enter your SMTP mail server name or IP address and click OK. The Xerox Mail Port Recipient Setup dialog window will be presented at the time a document is about to be e-mailed. However, for a first time installation, continue with Step 6.
- 6. Click on the *Recipient setup* button.
- 7. For the destination printer, use the *To:* field to enter a friendly (easily remembered) name for the recipient.

- 8. Use the *E-Mail Address* field to input the e-mail address for the destination printer.
- 9. Select the Add ---> button to add this destination to the Port Configuration Recipient List. If the Add new recipients to address book checkbox is selected when the Add---> button is selected, the recipient will also be added to the Address Book.
- 10. Repeat Steps 7, 8 and 9 to enter additional destination printers, or create a Distribution List.
- 11. To remove entries from the *Port Configuration Recipient List*, select the desired entry and then select the *Remove* button.
- 12. The *Subject* field allows you to enter a document subject, or you can check the *Use document name* checkbox to use the name of the document as the subject.
- 13. The *Password* field allows you to enter a password that is used to print documents on password-protected printers. The maximum password length allowed is 20 characters.
- 14. Note that if you are sending documents to a person's mailbox, the password will be displayed in brackets [password] and be appended to the *Subject* field of the message.
- 15. The *Cover Sheet Message* field allows you to enter a message that will be printed on the cover sheet of your print job. For example, you might want to use a message similar to *Please deliver to Jane Doe*.
- 16. When finished making selections, click the *OK* button located at the bottom of the *Xerox Mail Port Recipient Setup* dialog window.
- 17. The *Xerox Mail Port Configuration* screen will be displayed again.

#### Configure the M@iLinX Port

- 18. In the *Enter your return e-mail address* field, enter the e-mail address of the person whom you want to receive response messages from the printer (usually yourself). If the M@iLinX port is being used by a shared print server, this could be the address of an administrative e-mail account. If it is a local unshared print server, enter your own address. The maximum allowed address length is 100 characters.
- 19. In the Enter your SMTP mail server name or IP address field, enter the name or IP address of your SMTP mail server. The M@iLinX port will use DNS or WINS to resolve the name into an IP Address. If no name resolution services are available, you also have the option of entering the IP Address directly. The maximum allowed address length is 100 characters.
- 20. If you do not know the IP address of your SMTP server, check to see how your mail tool has been configured.
- 21. Select *OK* after entering the SMTP mail server name or IP address.
- 22. Note that configuration settings may be different for each M@iLinX port. Also, no error checking is performed on the values entered at this time. If any addresses are incorrect, they will be reported at print time.
- 23. Close any dialog windows that are still open.
- 24. Continue with the next section titled Test the Installation.

#### Windows NT

The *Xerox Mail Port Configuration* dialog window will now be displayed.

- 1. The *Timeout Setting* allows you to set the maximum time to wait for a response from the mail server. The default is 2 minutes and is adequate for most situations. Set the value as desired with a value from 1 to 10 minutes.
- 2. You are presented with a choice whether to *Select destination at print time*, or you want a fixed destination for your print jobs (if you will be sending a job, or jobs, to the same destination repeatedly).

- 3. Leaving this *Select destination at print time* field unchecked selects the *Static* operation. In the *Static* mode, the selected recipients, subject, password and coversheet message are set up once and used for all documents e-mailed through this port. This *Static* mode should be used if you are planning to share the printers that are attached to this port.
- 4. Selecting the *Select destination at print time* checkbox in the *Xerox Mail Port Configuration* dialog window enables the *Dynamic* mode. In this mode, as its name implies, recipient selection is dynamic. When a document is about to be e-mailed, the Mail Port prompts you with the *Xerox Mail Port Recipient Setup* dialog window.
- 5. If you checked the Select recipients at print time checkbox, you would complete the Enter your return e-mail address and the Enter your SMTP mail server name or IP address and click OK. The Xerox Mail Port Recipient Setup dialog window will be presented at the time a document is about to be e-mailed. However, for a first time installation, continue with Step 6.
- 6. Click on the *Recipient destination* button.
- 7. From the Xerox Mail Port Setup window, select the *Modify* button.
- 8. For the destination printer, use the *To:* field to enter a friendly (easily remembered) name for the recipient.
- 9. Use the *E-Mail Address* field to input the e-mail address for the destination printer.
- 10. Select the Add ---> button to add this destination to the Destination List. If the Add new destination to address book checkbox is selected when the Add---> button is selected, the recipient will also be added to the Address Book.
- 11. Repeat Steps 8, 9 and 10 to enter additional destination printers.

- 12. To remove entries from the *Destination List*, select the desired entry and select the *Remove* button.
- 13. When finished making selections, click the *OK* button located at the bottom of the *Xerox Mail Port Destination Setup* dialog window.
- 14. From the Xerox Mail Port Setup window, you can use the Subject field to enter a document subject. Or you can check the Use document name checkbox to use the name of the document as the subject.
- 15. The *Password* field allows you to enter a password that is used to print documents on password-protected printers. The maximum password length allowed is 20 characters.
- 16. Note that if you are sending documents to a person's mailbox, the password will be displayed in brackets [*password*] and be appended to the *Subject* field of the message.
- 17. The *Cover Sheet Message* field allows you to enter a message that will be printed on the cover sheet of your print job. For example, you might want to use a message similar to *Please deliver to Jane Doe*. Select *OK* when finished.
- 18. The Xerox Mail Port Configuration screen will be displayed again.
- 19. In the *Enter your return e-mail address* field, enter the e-mail address of the person whom you want to receive response messages from the printer (usually yourself). If the M@iLinX port is being used by a shared print server, this could be the address of an administrative e-mail account. If it is a local unshared print server, enter your own address. The maximum allowed address length is 100 characters.
- 20. In the *Enter your SMTP mail server name or IP address* field, enter the name or IP address of your SMTP mail server. The M@iLinX port will use DNS or WINS to resolve the name into an IP Address. If no name resolution services are available, you also have the option of entering the IP Address directly. The maximum allowed address length is 100 characters.

- 21. If you do not know the IP address of your SMTP server, check to see how your mail tool has been configured.
- 22. Select *OK* after entering the SMTP mail server name or IP address.
- 23. Note that configuration settings may be different for each M@iLinX port. Also, no error checking is performed on the values entered at this time. If any addresses are incorrect, they will be reported at print time.
- 24. Close any dialog windows that are still open.
- 25. Continue with the next section titled Test the Installation.
# **Test the Installation**

You are now ready to send a print job to M@iLinX-enabled printers.

- 1. Right click on the desired (usually the newly installed) printer in the *Printers* folder, and then select *Properties*.
- 2. Click on the General tab.
- 3. Click on the Print Test Page button.
- 4. If your print job did not reach its destination, repeat the installation process. If your job printed as desired, you have successfully completed the installation.
- 5. Continue with the appropriate subsection of the next section of this chapter titled *Editing the Address Book*. Choose *Windows* 95/98 or *Windows NT*. This section contains information that will prove very helpful when adding, removing and modifying recipient addresses. It also enables the creation and modification of Distribution Lists.

# **Editing the Address Book**

The Xerox Mail Port Address Book dialog window allows you to add, remove and modify recipient addresses. It also enables the creation and modification of Distribution Lists.

The Address Book is stored in a file on your PC named *XmpAddr.xab* (or *XmpAddr.ini*, depending on the version of software you are using), and resides in the *Windows\System* directory on Windows 95\98 and in the *Windows\System32* directory on Windows NT.

Once an Address Book has been created, it can be used on other computers by copying it to the appropriate *System* directory.

#### **Windows 95/98**

- To access the Address Book:
  - 1. Click the *Recipient setup* button located in the *Xerox Mail Port Configuration* dialog window.
  - Click the *Edit* button. The Xerox Mail Port Address Book dialog window appears.

#### **Adding or Updating Recipients**

To add or update a recipient, from the *Xerox Mail Port Address Book* window:

- 1. Enter the desired *Recipient Name* and the associated *E-Mail Address*.
- Select the Add/Update button. The address will be added to the Recipients list.

#### **Creating or Updating a Distribution List**

To create a Distribution List:

1. From the *Xerox Mail Port Address Book* window, enter the desired *Recipient Name*, *E-Mail Address*, and *Distribution List Name* and then select the *Add* button. The new Distribution List will be added to the *Distribution Lists* window.

#### Editing the Address Book

- 2. To update an existing Distribution List, highlight it in the *Distribution Lists* window. Then enter additional *Recipient Name* and *E-Mail Addresses* as desired, and click on the *Add* button.
- 3. To remove a recipient, select the desired name from the window and click the *Remove* button.
- 4. Select OK when finished.

To access the Address Book:

#### Windows NT

- 1. Click the *Destination setup* button located in the *Xerox Mail Port Configuration* dialog window.
- 2. Click the *Modify* button. The *Xerox Mail Port Destination* dialog window appears.

#### **Adding or Updating Recipients**

To add or update a recipient, from the *Xerox Mail Port Destination Setup* window:

- 1. Click the New Address button.
- 2. Enter the desired Recipient Name in the *To:* field and the associated *E-Mail Address*.
- 3. Select the *Add/Update* button. The address will be added to the *Address Book*.

#### **Creating or Updating a Distribution List**

To create a Distribution List:

- 1. From the *Xerox Mail Port Destination Setup* window, select the *New Distribution List* button.
- 2. Add the *Distribution List* name and select names from the *Address Book* list and click the *Add* button after selecting each name.
- 3. To remove a Destination List, select the desired name from the window and click the *Remove* button.
- 4. Select OK when finished.

# **Printing a Document**

#### **Windows 95/98**

To print a document using the Xerox M@iLinX port, perform the following steps:

- 1. If your System Administrator has already set up the M@iLinX port, simply select the configured M@iLinX printer as the destination for your print job.
- 2. See your System Administrator if a M@iLinX port has not yet been set up, or refer to the installation and configuration information earlier in this chapter.
- 3. If the *Select recipients at print time* checkbox in the *Xerox Mail Port Configuration* dialog window was selected when the M@iLinX port was set up, the *Xerox Mail Port Recipient Setup* dialog window will be presented at the time a document is about to be printed (e-mailed). You will need to select the recipients from an existing address book or enter the e-mail address or addresses of the recipients.
- 4. If the *Select recipients at print time* checkbox in the Xerox Mail Port Configuration dialog window was *not* selected when the M@iLinX port was set up, the print (e-mail) job will be sent to the recipients that were chosen when the M@iLinX port was set up.

# Windows NT To print a document using the Xerox M@iLinX port, perform the following steps:

- 1. If your System Administrator has already set up the M@iLinX port, simply select the configured M@iLinX printer as the destination for your print job.
- 2. See your System Administrator if a M@iLinX port has not yet been set up, or refer to the installation and configuration information earlier in this chapter.

#### Printing a Document

- 3. If the *Select destination at print time* checkbox in the *Xerox Mail Port Configuration* dialog window was selected when the M@iLinX port was set up, the *Xerox Mail Port Setup* dialog window will be presented at the time a document is about to be printed (e-mailed). You will need to know the e-mail address or addresses of the destination.
- 4. If the *Select destination at print time* checkbox in the *Xerox Mail Port Configuration* dialog window was *not* selected when the M@iLinX port was set up, the print (e-mail) job will be sent to the recipients that were chosen when the M@iLinX port was set up.

# **Upgrade the M@iLinX Port**

#### Windows 95/98

On Windows 95/98, if a M@iLinX port is already installed and you wish to upgrade the software:

- The installation process must first stop the print spooler in order to copy the updated files to the *Windows\System* directory. This is necessary because the M@iLinX port runs as an extension to the print spooler, and the operating system will not allow the file to be removed while the spooler is executing.
- 2. From the CD ROM that includes the M@iLinX setup utility, run the *setup.exe* program.
- 3. Select the *Install / Upgrade Mail Port* radio button and click on *OK*.
- 4. The installation process will copy the updated files to the *Windows\System* directory.
- 5. Before the installer stops the spooler, it presents you with a message providing a choice to continue or cancel the upgrade. During the upgrade process, the progress window displays the status of the spooler shutdown and startup process.
- 6. A completion message is presented at the end of the upgrade process.
- 7. You will need to restart your PC in order for the upgrade to take effect.

Windows NT On Windows NT, if a M@iLinX port is already installed and you wish to upgrade the software:

1. The installation process must first stop the print spooler in order to copy the updated files to the *Windows\System32* directory. This is necessary because the M@iLinX port runs as an extension to the print spooler, and the operating system will not allow the file to be removed while the spooler is executing.

#### Upgrade the M@iLinX Port

- 2. From the CD ROM that includes the M@iLinX setup utility, run the *setup.exe* program.
- 3. Select the *Install / Upgrade Mail Port* radio button and click on *OK*.
- 4. The installation process will copy the updated files to the *Windows\System* directory.
- 5. Before the installer stops the spooler, it presents you with a message providing a choice to continue or cancel the upgrade. During the upgrade process, the progress window displays the status of the spooler shutdown and startup process.
- 6. A completion message is presented at the end of the upgrade process.
- 7. You will need to restart your PC in order for the upgrade to take effect.

# Remove a M@iLinX Port

Port

# Remove a M@iLinX

To remove the M@iLinX port:

- 1. From the CD ROM that includes the M@iLinX setup utility, run the *setup.exe* program.
- 2. Select *Remove Mail Port* from the Xerox Mail Port Setup utility dialog window.
- 3. In order to successfully remove the M@iLinX utility, all printers must first be disconnected from M@iLinX ports. If they are not, the *setup* program will present you with the following message:

Could not remove the Xerox Mail Port. Xerox mail ports are still in use. First disconnect the printers from the ports and run setup again.

4. This is, by necessity, a manual operation because the spooler manages which ports are assigned to printers. It will not allow the M@iLinX port to be removed until all ports are no longer in use. Once the M@iLinX port is removed, all files and registry settings will also be deleted.



# 4 Configure Your Printer Using Internet Services **Using Internet Services**

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# Introduction

This chapter provides information on all of the fields that can be set up, or changed, using Internet Services. It is divided into two main sections, both of which are accessed from the *Properties* page, or tab, of Internet Services:

- Quick Setup This information is used to access only the settings that are necessary to use Internet Services and your DocuPrint printer efficiently. Not all of the settings that are contained in the Full Setup section of this chapter are listed in this Quick Setup section.
- Full Setup Full Setup (or *Administration*) provides access to all of the setup options available with your DocuPrint printer and Internet Services.

*Clone* options are also accessed through the *Properties* page, and are discussed in this chapter as well.

Quick Setup

# **Quick Setup**

### Introduction

The primary function of Quick Setup is to access and enter the minimum amount of information required to properly set up the DocuPrint printer. Note that not all of the settings available through *Properties / Administration* are accessible through Quick Setup.

Set up the fields listed below as desired. After the initial set up is completed, use the information in this section as a reference, as needed.

Also, note that some settings will not take effect until the DocuPrint printer is restarted.

### Accessing Quick Setup options

To access Quick Setup options:

- 1. Type in the DocuPrint printer IP address in your browser's *URL*, *Address*, or *Location* field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
  - 2. From the Internet Services home page, click on Properties.
  - 3. From the *Properties* page, select the *quick setup* radio button.

Use the *Index* icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.

## Quick Setup General options

The following options are accessed by clicking on the *General* selection, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### Multinational

The *Multinational* fields can be used to view and change settings and options such as:

- <u>Panel Language</u> Select the desired language that you want to appear on the DocuPrint printer Control Panel.
- <u>Browser Language</u> Choose either *Automatic (Browser Specified)* or the language you want your browser to use. The *Automatic* setting allows the user to specify the language used in the Browser. This enables different users to use different languages to browse. If the *Same as panel* option is chosen, the *Automatic* option is disabled and the language you selected in the *Panel Language* field will be used for the Browser as well.

Quick Setup

## Quick Setup Protocols options

The following options are accessed from the *Protocols* folder, or sub-menu, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

The *Protocols* fields are used to view and change settings and options for Protocols such as:

- <u>AppleTalk</u>
- <u>NetBEUI</u>
- <u>NetWare</u>
- $\underline{\text{TCP} / \text{IP}}$
- <u>SNMP</u>

# Quick Setup Profile options

The following options are accessed from the *Profile* folder, or sub-menu, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Standard Profile - Printer Identification**

The *Printer Identification* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>System Name (SNMP)</u> This is the name used in the Printer Status Panel. A maximum of 32 characters can be entered.
- <u>System Location (SNMP)</u> This is the location used in the Printer Status Panel. A maximum of 255 characters can be entered.

#### **Standard Profile - Home Server**

The *Home Server* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>Home Server Name</u> This is the name associated with the optional *Home Server Button* that appears in the header (in the upper left portion) of Internet Services pages. You can name this button anything you choose, so long as it does not exceed 40 characters. If this field is left blank, the *Home Server Button* will not appear in the header.
- <u>Home Server URL</u> This is the URL associated with the optional *Home Server Button* that appears in the header (in the upper left portion) of Internet Services pages. A maximum of 90 characters can be entered. This field is used to link to a tool such as Web Jet Admin, Printer Web, or any other page that contains a list of printers and links to them.

## Quick Setup Security options

The following options are accessed by clicking on the *Security* selection, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Password (User Name = Admin)**

Use the *Password* fields of *Security* to view and change settings and options such as:

- <u>Password</u> Enter the password that will be used to control System Administrator access that allows settings to be modified using Internet Services.
  - If the *Password* field is left blank (the default setting), there will be no restrictions to prevent any user from making changes to the DocuPrint printer settings.
  - If a password is set, a user will be prompted to enter a *User* name and the proper *Password* before being able to make changes to DocuPrint printer settings.
  - A maximum of 20 characters can be entered.

 <u>Verify Password</u> - This field is used to verify the password entered in the *Password* field (see above). A maximum of 20 characters can be entered.

#### Security Lockouts

Use the *Security Lockouts* fields of *Security* to view and change settings and options such as:

• <u>Control Panel Locked</u> - This checkbox is used to lockout any input at the DocuPrint printer's Control Panel.

## Quick Setup Control option

The following option is accessed by clicking on the *Control* selection, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

• <u>Reset Printer</u> - This option needs to be selected if any network parameters have been modified in the current browser session. If you do not check the *Reset Printer* checkbox, some changes you have made may not take effect.

After selecting the checkbox, click on the *Submit Action* button. This will reset the DocuPrint printer so modifications you have made will take effect. When you reset the printer, your browser will immediately lose communication with the DocuPrint printer.

Introduction	Full Setup ( <i>Administration</i> ) provides access to all of the setup options available with your DocuPrint printer and Internet Services, as opposed to Quick Setup, which is used to access and enter the minimum amount of information required to properly set up the DocuPrint printer.
Accessing Full Setup options	<ul> <li>To access <i>Full Setup (Administration)</i> options:</li> <li>1. Type in the DocuPrint printer IP address in your browser's <i>URL, Address</i>, or <i>Location</i> field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.</li> </ul>
	<ol> <li>From the Internet Services home page, click on <i>Properties</i>.</li> <li>From the <i>Properties</i> page, select the <i>administration</i> radio button.</li> </ol>

Use the *Index* icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.

## Administration General Properties options

The following options are accessed by clicking on the *General* selection, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Input Policy**

Use the *Input Policy* fields to view and change settings and options such as:

- Page Policy
- <u>Page Time-out</u>

#### **Startup Page**

Use the *Startup Page* fields to view and change settings and options such as:

<u>Print Startup Page</u>

#### **Imaging Defaults**

The *Imaging Defaults* options instruct the printer to use, or not use, imaging options available on your printer. For more information on these options, refer to your printer documentation. Select options such as:

- <u>Edge to-Edge Printing</u>
- Draft Mode
- Edge Smoothing
- <u>Color Mode</u>
- Black Overprint
- <u>Halftone Type</u>
- Quad Dot
- <u>Smooth Screen</u>

- <u>1200 Image Quality</u>
- Enhanced Alignment
- Fast Black
- Process Black Graphics

#### **Print Defaults**

Use these options to select the default settings that will be used when printing jobs. These include such options as:

- Paper Size
- Paper Type
- Print Quantity / Copies (1..999)

#### **Output Defaults**

Use the fields in this area to make the default settings for such options as the *Output Bin* and if you want the *Output Offset*.

#### Timing

Timing options include settings like:

- Power Saver Delay
- <u>Manual Feed Time-out</u>
- Hold Job Time-out

#### Multinational

The *Multinational* fields can be used to view and change settings and options such as:

- <u>Panel Language</u> Select the desired language that you want to appear on the DocuPrint printer Control Panel.
- <u>Browser Language</u> Choose either *Automatic (Browser Specified)* or the language you want your browser to use. The *Automatic* setting allows the user to specify the language used in the Browser. This enables different users to use different languages to browse. If the *Same as panel* option is chosen, the *Automatic* option is disabled and the language you selected in the *Panel Language* field will be used for the Browser as well.

## Administration Paper options

The following options are accessed from the *Paper* folder, or sub-menu, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Input Trays**

Use the fields in this area to set options such as:

<u>Tray Sequence</u>

#### **Paper Size**

Use the fields in this area to view, and, where allowed, set the paper sizes in each trays located in the printer.

#### **Paper Types**

Use the fields in this area to select the paper type to be used in each of the printer's trays.

#### **Custom Paper Size**

Use the fields in this area to select the Custom Paper Size to be used in each of the printer's trays.

## Administration Disk Files options

The following options are accessed by clicking on the *Disk Files* selection, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Disk Directory**

The *Disk Directory* field displays the names of the files located on the printer's hard drive.

#### **Disk State**

Use the fields in this area to view, and, where allowed, set options such as:

- <u>Hard Disk Size</u> This field displays the printer's hard disk size in MegaBytes.
- <u>Hard Disk Free</u> This field displays the amount of the printer's free hard disk size in MegaBytes.
- <u>Disk Locked</u> Check this checkbox if you want to lock the DocuPrint printer's hard disk drive.

#### **Disk Action**

Disk Action fields include such options as:

- <u>Initialize Disk (Deletes All Files)</u> Check this checkbox if you want to delete all files on the DocuPrint printer's hard disk drive.
- <u>Format Disk</u> Check this checkbox if you want to re-format the printer's hard disk drive.
- <u>Delete File</u> Choose the file, or files, from the list that you want to delete from the printer hard disk drive. If <----> characters are displayed, this indicate that there are no files available to delete.

## Administration Interfaces options

The following options are accessed from the *Interfaces* folder, or sub-menu, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

The *Interfaces* fields are used to view and change settings and options for Interfaces such as:

- <u>Ethernet</u> Note that this *Ethernet* page will not be accessible if a Token Ring Card is installed.
- <u>Token Ring</u> Note that this *Token Ring* page will not be accessible if Ethernet is being used.
- Parallel Port
- <u>Serial Port</u>

### Administration Protocols options

The following options are accessed from the *Protocols* folder, or sub-menu, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

The *Protocols* fields are used to view and change settings and options for Protocols such as:

- <u>AppleTalk</u>
- <u>DLC / LLC</u>
- <u>NetBEUI</u>
- <u>NetWare IPX</u>
- <u>TCP / IP</u>
- <u>SNMP</u>

- HTTP
- IPP (Internet Printing Protocol)

Be sure to set the IPP Client Mode. Choose from:

- IETF Standard
- Microsoft Specific solution

- *Automatic*, which attempts to work with both the IETF ("Internet Engineering Task Force") Standard and the Microsoft Specific standard.

Under the *Installation* heading, click on the *Internet Printing Installation* link. This link will provide access to important information on incorporating IPP support into DocuPrint printing.

## Administration M@iLinX options

The following options are accessed from the M@iLinX folder, or sub-menu, located on the left frame of the Internet Services page. Note that M@iLinX and all of its fields and options are not available on every model of DocuPrint printer.

#### M@iLinX Server - Printer

Use the *Printer* fields to set up your printer for use with M@iLinX options. These fields include:

- <u>E-Mail Address</u> This is a POP3 account e-mail address and is limited to a maximum length of 90 characters. This must be a valid e-mail address.
- <u>Reply Address</u> This optional field specifies where responses to outgoing e-mail should be sent. This allows problem reports from mail servers to be sent to an alternate location, rather than being printed. A maximum of 90 characters is allowed.

#### M@iLinX Server - M@iLinX Alert (Notify)

Use the *M@iLinX Alert (Notify)* fields to set up your server for use with M@iLinX options. These fields include:

- <u>Enable</u> Check this checkbox to enable the sending of alerts and notifications.
- <u>SMTP Server IP Address</u> This field should be entered in a *xxx.xxx.xxx* format. If you do not know the address of the SMTP Server, use the *ping* function from your PC.
- <u>Message Format</u> Select the Message Format. Choose from:
  - MIME, Plain Text
  - MIME, HTML.
  - Note that HTML messages generally have richer formatting capabilities, but they require an HTML-capable e-mail reader.

#### M@iLinX Server - M@iLinX Print

Use the M@iLinX Print fields to set up your server for use with M@iLinX options. These fields include:

- <u>Enable</u> Check this checkbox to enable the reception of e-mail print jobs and requests.
- <u>POP3 Server IP Address</u> Enter this information in a *xxx.xxx.xxx* format. If you do not know the address of the POP3 Server, use the *ping* function from your PC.
- <u>User Name</u> Enter the POP3 account User Name. A maximum of 20 characters can be entered.
- <u>Password</u> Enter the POP3 account Password. A maximum of 32 characters can be entered.
- <u>Verify Password</u> This field serves as Password Verification and should match the information entered in the *Password* field. A maximum of 32 characters can be entered.
- <u>Polling Interval (1..60)</u> Enter the interval at which the POP3 server will be checked for new messages. Enter a value from 1 to 60 minutes.
- <u>Message Format</u> This read-only field displays whether the Message Format is Plain Text with MIME Attachments, which can be Plain Text or Print Ready documents (such as PostScript or PCL).

#### M@iLinX Alert (Notify) - Periodic Notification

Use the *M@iLinX Alert (Notify)* - *Periodic Notification* fields to set *Periodic Notification* options. These fields include:

- <u>Interval (1..365)</u> Set the interval between the generation of periodic notifications. Choose a value from 1 to 365 days.
- <u>Next Notification (0.00..365.00)</u> Set the number of days until the next periodic notification. Choose a value from 0 to 365 days. Note that this value must be less than or equal to the value entered in the *Interval* field.

#### M@iLinX Alert (Notify) - Event Notification

• <u>Lockout Interval (0..24)</u> - This value prevents duplicate notifications from being sent within the specified period. Set a value from 0 to 24 hours. This *Lockout Interval* does not effect the *Periodic Notification* settings (see above).

#### M@iLinX Alert (Notify) - Recipient Group Addresses

Use these fields to set M@iLinX *Recipient Group Addresses*. These fields include:

- <u>Recipient Group 1 E-Mail Address</u> Enter the Recipient Group E-Mail Address or addresses. Multiple addresses are separated by a comma. The entry must not exceed 90 characters and must contain valid e-mail addresses.
- <u>Recipient Group 2 E-Mail Address</u> Enter the Recipient Group E-Mail Address or addresses. Multiple addresses are separated by a comma. The entry must not exceed 90 characters and must contain valid e-mail addresses.
- <u>Recipient Group 3 E-Mail Address</u> Enter the Recipient Group E-Mail Address or addresses. Multiple addresses are separated by a comma. The entry must not exceed 90 characters and must contain valid e-mail addresses.

# M@iLinX Alert (Notify) - Recipient Group Preferences - Notification

Make the following settings for each of the three recipient Group Addresses you set up in the *Recipient Group Addresses* fields. (See above.)

- <u>Periodic Notification</u> This field enables Periodic Notifications for the selected group, or groups. The cause of the Notification and the Printer Identity will be sent along with the Attachments when the *Period* expires.
- <u>Service Notification</u> This field enables Service Notifications for the selected group, or groups. The cause of the Notification, the Printer Identity, and the Information on the Internet Services' Maintenance / Logs and Maintenance / Diagnostic pages will be sent along with the Attachments when the *Service* event occurs.
- <u>Consumable Notification</u> This field enables Consumable Notifications for the selected group, or groups. The cause of the Notification, the Printer Identity, and the Information on the Internet Services' Status / Consumables page will be sent along with the Attachments when the *Consumable* event occurs.
- <u>Paper Notification</u> This field enables Paper Notifications for the selected group, or groups. The default value is *Disabled*. The cause of the Notification, the Printer Identity, and the Information on the Internet Services' Status / General page will be sent along with the Attachments when the *Paper* event occurs.

# M@iLinX Alert (Notify) - Recipient Group Preferences - Attachments

Make the following settings for each of the three *Recipient Group Addresses* you set up in the *Recipient Group Addresses* fields earlier.

- <u>Status Information</u> Attach Status Information for the selected groups. This information appears on the Internet Services' Status / General page.
- <u>Consumable Information</u> Attach Consumable Information for the selected groups. This information appears on the Internet Services' Status / General page.
- <u>Configuration Information</u> Attach Configuration Information for the selected groups. This information appears on the Internet Services' Status / Configuration page.
- <u>Maintenance Information</u> Attach Maintenance Information for the selected groups. This information appears on the Internet Services' Maintenance / Logs and Maintenance / Diagnostics pages.
- <u>Properties Information</u> Attach *Properties* Information for the selected groups. This field is only enabled when the *Message Format* field on the M@iLinX Server / M@iLinX Alert (Notify) page is set to *MIME*, *HTML*. This information appears on the Internet Services' Properties / Administration pages.

#### M@iLinX Alert (Notify) - Requested Settings Notification

<u>Enable</u> - Check this checkbox to enable the Requested Settings Notification capability. The Requested Settings Notification is requested by e-mailing a message to the printer with a subject of *REQUEST SETTINGS*. The settings will then be returned to the sender's e-mail address. The message format used is MIME, HTML.

To specify the language of the report, the *REQUEST SETTINGS* string can optionally be followed by a 2 character string as listed.

#### M@iLinX Print - Job Response Notification

Use the *M*@*iLinX Print - Job Response Notification* fields to set *Job Response Notification* options. These fields include:

- <u>Enable</u> Check the checkbox to enable Job Response Notifications that will be sent to the originator of all incoming e-mail messages.
- <u>Attach Configuration Information</u> Check the checkbox to enable the ability for the printer configuration to be included in the response message.

#### M@iLinX Print - Security

Use the *M*@*iLinX Print* - *Security* fields to set *Security* options. These fields include:

- <u>Password</u> Enter the optional Password that is blank by default. A maximum of 20 characters can be entered.
  - When the Password is set, only incoming M@iLinX jobs with a correct Password will be printed. When the Password is left blank, all incoming M@iLinX jobs will be printed, whether they contain a Password or not.
  - The Password for incoming M@iLinX jobs is placed at the start of the Subject line. Note that it is enclosed in square brackets ([]). The Password does not apply to the Requested Settings Notification.

*CAUTION*: For printers in e-mail distribution lists, use of this Password is not recommended unless all printers have the same Password.

• <u>Verify Password</u> - This field is used to verify the password entered in the *Password* field above. A maximum of 20 characters can be entered.

#### M@iLinX Test - M@iLinX Alert

*M@iLinX Test - M@iLinX Alert* fields are used to test various *M@iLinX* Alert features. These include:

- <u>Test</u> Select the desired Test. Choose from options such as:
  - Periodic Notification
  - Service Notification
  - Consumable Notification
  - Paper Notification
  - Loopback Notification.

The Loopback Notification test is used to verify that the M@iLinX settings, internal mail system, and external mail system are all working properly. This Loopback Notification test requires that both the M@iLinX Alert (Notify) and M@iLinX Print options have been enabled on the M@iLinX Server page.

This Loopback Notification test works by sending the notification to the SMTP server, with the destination set to the e-mail address of the printer. The notification will be sent by the mail system to the POP3 server. The printer polls the POP3 server and will retrieve the notification and then print it.

• <u>Send Mail Now</u> - This button is used to e-mail the selected notification to the *Recipient Group Addresses* specified on the *M@iLinX Alert (Notify)* page.

#### M@iLinX Test - M@iLinX Print

*M@iLinX Test - M@iLinX Print* fields are used to test various *M@iLinX Print* features. These include:

- <u>POP3 Server Polls</u> The value in this read-only field indicates how many times the POP3 server has been polled. This number should increase by one each time the *Receive Mail Now* button is pressed.
- <u>Messages Accepted</u> This field will list the number of messages that have been accepted.
- <u>Receive Mail Now</u> This button is used to poll the POP3 server to retrieve any new e-mail.

## Administration Emulations options

The following options are accessed from the *Emulations* folder, or sub-menu, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Emulations - Sensing - Print Description Languages**

For the following fields, choose the Print Description Language (such as PostScript or PCL) for each of the Interfaces or Protocols that you will be using.

- Parallel Port
- Serial Port
- <u>AppleTalk</u>
- <u>Appsockect (IP Direct)</u>
- <u>DLC / LLC</u>
- <u>HTTP</u> Port
- <u>LPR / LPD</u>
- <u>NetBEUI</u>
- <u>NetWare</u>
- M@iLinX Print
- <u>IPP</u>

#### **Emulations - Sensing - PostScript Binary**

For the following fields, check the checkbox to enable PostScript Binary for each of the Interfaces or Protocols that you will be using.

- Parallel Port
- Serial Port
- AppleTalk
- Appsocket (IP Direct)

- <u>DLC / LLC</u>
- <u>HTTP</u> Port
- <u>LPR / LPD</u>
- <u>NetBEUI</u>
- <u>NetWare</u>
- <u>M@iLinX Print</u>
- <u>IPP</u>

#### **Emulations - PCL**

These fields are used to set PCL options for your printer. Options include:

- <u>Version</u> This is a read-only field and will display the version of PCL being used.
- <u>Orientation</u> Choose either *Portrait* or *Landscape*.
- <u>Line Termination</u> Select *Off* or LF = CR / LF.
- Font Number (0..50) Choose a value from 0 to 50.
- <u>Point Size (4..999.75)</u> Select a value from 4 to 999.75. Note that this value will not apply to Fixed Pitch Fonts.
- <u>Font Pitch (.44..99.90)</u> Select a value from 4 to 99.90. This value will not apply to Proportional Fonts.
- Form Length (5..128) Select a value from 5 to 128.
- <u>Symbol Set</u> Select the Symbol Set you want to use from the drop-down menu.

#### **Emulations - Adobe PostScript**

These fields are used to set Adobe PostScript options for your printer. Options include:

- <u>Version</u> This is a read-only field and will display the version of PostScript being used.
- <u>Print Errors</u> Check this checkbox to enable the printing of PostScript errors.
- <u>PostScript Binary</u> Check this checkbox to enable the use of PostScript Binary for the Interface or Protocol that you will be using.

# Administration Profile options

The following options are accessed from the *Profile* folder, or sub-menu, located on the left frame of the Internet Services page.

#### **Standard Profile**

To access the *Standard Profile* fields discussed below, click on *Standard*, located in the *Profile* folder on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Standard Profile - Printer Identification**

The *Printer Identification* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>System Name (SNMP)</u> This is the name used in the Printer Status Panel. A maximum of 32 characters can be entered.
- <u>System Location (SNMP)</u> This is the location used in the Printer Status Panel. A maximum of 255 characters can be entered.
- <u>Serial Number</u> This read-only field contains the Serial Number of the printer.

#### **Standard Profile - Customization**

The *Customization* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>Company Home URL</u> This URL is used for the link associated with the Company Logo in the footer of Internet Services pages. The default value is *http://www.xerox.com*. This field is limited to 90 characters.
- <u>Company Logo URL</u> The image displayed in the Company Logo area in the lower left portion of the footer of Internet Services pages is indicated by this field. When this field is blank, the default image is displayed. Note that this field can be used to point to an external URL so that any logo can be displayed in the footer. This field is limited to 90 characters.
- <u>Display Copyright</u> Check this checkbox to display the copyright information that us displayed in the footer of Internet Services pages.
- <u>Use Java</u> Check this checkbox to enable the use of Java. This field can be helpful if there are problems running Java in a particular environment. Note that when Java is switched off, the Navigation Tree (the directory structure located on the left side of the Internet Services pages) is displayed in its static, non-collapsible version.
- <u>Use JavaScript</u> Check this checkbox to enable the use of JavaScript. This field can be helpful if there are problems running Java in a particular environment. When this setting is unchecked, or off, the *Refresh Status* button will not appear, the *Help* button no longer opens a separate window, the *Print* buttons are replaced by standard buttons, and *Automatic refresh* is disabled.
- <u>DocuPrint Product Home URL</u> This is the URL associated with the *Printer Home* page and is used for the link associated with the picture of the printer that is displayed on Internet Services pages. This field is limited to 90 characters.
- <u>CentreWare Internet Services Home URL</u> This is the URL associated with the Internet Services home page and is used for the link associated with the Internet Services logo that appears in the header. of Internet Services pages. This field is limited to 90 characters.

#### **Standard Profile - Home Server**

The *Home Server* area of *Standard Profile* can be used to view and change settings and options such as:

• <u>Home Server Name</u> - This is the name associated with the optional *Home Server Button* that appears in the header (in the upper left portion) of Internet Services pages. You can name this button anything you choose, so long as it does not exceed 40 characters. If this field is left blank, the *Home Server Button* will not appear in the header.

<u>Home Server URL</u> - This is the URL associated with the optional *Home Server Button* that appears in the header (in the upper left portion) of Internet Services pages. A maximum of 90 characters can be entered. This field is used to link to a tool such as Web Jet Admin, Printer Web, or any other page that contains a list of printers and links to them.

#### **Standard Profile - Documentation References**

The *Documentation References* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>User Documentation URL</u> This is the URL associated with the printer's user documentation. The link is found on the *Help* page and will not appear if this URL field is blank. This field is limited to 90 characters in length.
- <u>Technical Documentation URL</u> This is the URL associated with the printer's technical documentation. The link is found on the *Help* page and will not appear if this URL is blank. This field is limited to 90 characters in length.

#### **Standard Profile - Printer Registration**

The *Printer Registration* area of *Standard Profile* can be used to view and change settings and options such as:

• <u>Registration URL</u> - This is the URL associated with the registration of the printer or Subscription Services. The link is found on the *Assistance* page and is limited to 90 characters in length.

#### **Standard Profile - Software Upgrades**

The *Software Upgrades* area of *Standard Profile* can be used to view and change settings and options such as:

• <u>Printer Drivers / Client URL</u> - Use this link to locate the latest printer drivers for your DocuPrint printer. The link is found on the *Assistance* page under *Software Upgrades* and is limited to 90 characters in length.

- <u>Internet Services Server Software URL</u> This is the URL associated with the Printer Web or other server-based software This field is limited to 90 characters in length.
- <u>Printer URL</u> Use this link to locate the latest software version for your DocuPrint printer. The link is found on the *Assistance* page under *Software Upgrades* and is limited to 90 characters in length.

#### **Standard Profile - Browser Software**

The *Browser Software* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>Internet Explorer URL</u> Use this link go to the home page of Internet Explorer. This field is limited to 90 characters in length.
- <u>Netscape Navigator URL</u> Use this link go to the home page of Netscape Navigator. This field is limited to 90 characters in length.

Full Setup

## Custom Profile

To access the *Custom Profile* fields discussed below, click on *Custom*, located in the *Profile* folder on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Custom Profile - Help Category 1 and Help Category 2**

The information that follows applies to both *Help Category 1* and *Help Category 2*. Use *Help Category 1* for one link, and *Help Category 2* for a second link, if desired.

The *Help Category* areas of *Custom Profile* can be used to view and change settings and options such as:

- <u>Category Name</u> This is the name of a Custom category that appears on the Help page. It can be used to link to a Help Desk, Technical Support, or Service Organization, for example. If this field is blank, the entry does not appear on the Help page. This field is limited to 40 characters in length.
- <u>Tel No</u> This is an abbreviation for *Telephone Number*, and is an optional field that contains a telephone number for the Help Desk, Technical Support, or Service Organizations specified in the *Category Name* field (see above). This field is limited to 20 characters in length.
- <u>URL</u> This is the optional URL that is associated with the *Category Name*. If the URL field is blank, the *Category Name* does not contain a link. If there is a URL, the *Category Name* becomes a link to an Internet location. This field is limited to 90 characters in length.

#### Custom Profile - Assistance Category 1, 2, 3, 4

The information that follows applies to *Assistance Category 1, 2, 3* and 4. Use *Assistance Category 1* for one link, and *Assistance Category 2, 3*, and 4 for additional links, as needed.

The Assistance Category areas of Custom Profile can be used to view and change settings and options such as:

- <u>Category Name</u> This is the name of a custom category that appears on the Internet Services' *Assistance* page, under *Assistance Links*. It can be used to link to a Help Desk, Technical Support, or Service Organizations. If this field is blank, the entry does not appear on the *Assistance* page. This field is limited to 40 characters in length.
- <u>Tel No</u> This is an abbreviation for *Telephone Number*, and is an optional field that contains a telephone number associated with the *Category Name* (see above). This field is limited to 20 characters in length.
- <u>URL</u> This is an optional URL that is associated with the *Category Name* field (see above). If there is a URL specified in this field, a link for the *Category Name* is established for an Internet location. If the URL field is blank, the *Category Name* does not contain a link. This field is limited to 90 characters in length.

Full Setup

## Administration Security options

The following options are accessed by clicking on the *Security* selection, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Password** (User Name = Admin)

Use the *Password* fields of *Security* to view and change settings and options such as:

 <u>Password</u> - Enter the password that will be used to control System Administrator access that allows settings to be modified using Internet Services.

If the *Password* field is left blank (the default setting), there will be no restrictions to prevent any user from making changes to the DocuPrint printer settings.

If a password is set, a user will be prompted to enter a *User name* and the proper *Password* before being able to make changes to DocuPrint printer settings. A maximum of 20 characters can be entered.

• <u>Verify Password</u> - This field is used to verify the password entered in the *Password* field (see above). A maximum of 20 characters can be entered.

#### Security Lockouts

Use the *Security Lockouts* fields of *Security* to view and change settings and options such as:

• <u>Control Panel Locked</u> - This checkbox is used to lockout any input at the DocuPrint printer's Control Panel.

## Administration Control options

The following options are accessed by clicking on the *Control* selection, located on the left frame of the Internet Services page. Note that not all fields and options are available on every model of DocuPrint printer.

• <u>Reset Printer</u> - This option needs to be selected if any network parameters have been modified in the current browser session. If you do not check the *Reset Printer* checkbox, some changes you have made may not take effect.

After selecting the checkbox, click on the *Submit Action* button. This will reset the DocuPrint printer so modifications you have made will take effect. When you reset the printer, your browser will immediately lose communication with the DocuPrint printer.

- <u>Cancel Current Job</u> Check this checkbox to cancel the current job being sent to the printer.
- <u>Delete Secure Jobs</u> Check this checkbox to delete secure jobs and prevent them from being sent to the printer.
- <u>Reset Factory Defaults</u> Check this checkbox to reset all DocuPrint printer settings to their default values.
- <u>Reset Network Defaults</u> Check this checkbox to reset all network settings to their default values.
- <u>Default</u> Choose the default setting for all measurements set in the *Properties* area of Internet Services. For example, *inches* is used most often in the United States, while *millimeters* is most often used in Europe and the rest of the world.
- <u>Reset CRU</u> Choose a CRU (Customer Replaceable Unit) that you want to reset from the drop-down menu.
- <u>Reset Printer</u> Check this checkbox to reset (or restart) the DocuPrint printer.

Clone

# Clone

Introduction	The primary function of options available through the <i>Clone</i> radio button choice (accessed through the <i>Properties</i> page) is to enable you to copy settings you have already made to another DocuPrint printer. This can save you time and ensure that your printers are setup similarly.
Accessing Clone options	To access <i>Clone</i> options:
	1. Type in the DocuPrint printer IP address in your browser's <i>URL</i> , <i>Address</i> , or <i>Location</i> field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
	2. From the Internet Services home page, click on <i>Properties</i> .
	3. From the <i>Properties</i> page, select the <i>clone</i> radio button.
	Use the <i>Index</i> icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.
<b>Clone All Properties</b>	The following options are accessed by clicking on the <i>Clone All</i> selection, located on the left frame of the Internet Services page. Use these fields to copy all settings used on a printer currently in use to another, new printer. Note that not all fields and options are available on every model of DocuPrint printer.
	Clone All - Destination Printer
	The Destination Printer fields are used to make settings such as the

The *Destination Printer* fields are used to make settings such as the name, location, and IP Address of the destination printer.

## **Clone Profile Properties**

The following options are accessed by clicking on the *Clone Profile* selection, located on the left frame of the Internet Services page. Use these fields to copy only the *Profile* settings used on a printer currently in use to another, new printer. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Clone Profile - Destination Printer**

The *Destination Printer* fields are used to make settings such as the name, location, and IP Address of the destination printer.

Clone



# 5 Checking the DocuPrint Printer Status

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The status of the DocuPrint printer can be viewed using Internet Services. The *Status* page, or tab, is used to access the following information:

- Tray information, including the size, medium, and capacity of each tray
- Page Counts
- Running Times
- Polling Intervals
- Consumable information, such as toner and maintenance items
- Configuration information, including software version information, memory allocation, and Print Description Languages being used.

Note that almost all of the *Status* information fields are read-only. In other words, they provide information only. Changes to current settings cannot be made from these read-only *Status* fields.

# **Accessing Status information**

To access Status information:

- 1. Type in the DocuPrint printer IP address in your browser's *URL*, *Address*, or *Location* field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
- 2. From the Internet Services home page, click on Status.
- 3. From the *Status* page, select the desired radio button. Choose from:
- general
- consumables
- configuration.

Use the *Index* icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.

## **Status General options**

The following options are accessed by clicking on the *general* radio button from the *Status* page of Internet Services. Note that not all fields and options are available on every model of DocuPrint printer.

#### Input / Paper Trays

These fields will provide the information for each of the trays installed in the printer, such as:

- The *Size* of the paper or other medium, measured by the tray
- The *Media* currently loaded in the tray
- The current *Capacity* of each tray. This will be displayed as *Full*, *Empty*, or some value in between.

Note that *Size* and *Capacity* information is not provided if the tray is not inserted properly in the printer.

### **Output Bins**

This area of the *Status* page will list each of the *Output Bins* installed on the printer, such as the *Face Down Bin* or *Finisher Bin* 1. It will also list the current *Level* of each bin. This will be displayed as *Full*, *Empty*, or some value in between.

#### **Page Counts**

This area of the *Status* page provides a *Total Page Count*, as well as the number of impressions printed for each color toner.

#### **Running Time**

These fields list the amount of days and hours that the printer has been running since it was first, and last, powered up.

#### **Polling Interval**

In these fields you can view, or set, the number of minutes between automatic Refreshes. You can also set the fields on the *Status* page to automatically refresh.

# Status Consumables options

The following options are accessed by clicking on the *consumables* radio button from the *Status* page of Internet Services. Note that not all fields and options are available on every model of DocuPrint printer.

#### Consumables

The *consumables* area of the *Status* page lists all of the consumables used with your printer, and their status. This includes items such as toners, the Oil Kit, and whether the Toner Collector is *Empty* or *Full*.

#### **Maintenance Items**

The *Maintenance Items* area of the *Status* page displays information on Developer Cartridges, the Print Drum, and the Fuser. This information is displayed as a percentage remaining before these items need to be replaced.

#### Accessing Status information

# Status Configuration options

The following options are accessed by clicking on the *configuration* radio button from the *Status* page of Internet Services. Note that not all fields and options are available on every model of DocuPrint printer.

#### **Version Information**

The *Version Information* listed here can be useful when troubleshooting or calling Xerox for service. *Version Information* is provided for the such items as:

- Machine Model
- Software Version
- Engine Software Version
- Software Part Number
- Serial Number.

#### Memory

As with the *Version Information*, *Memory* information provided here can be useful when troubleshooting or calling Xerox for service. *Memory* information is provided for the following:

- RAM Size (in MegaBytes)
- Base (Onboard) RAM (in MegaBytes)
- Bank 0 (in MegaBytes). This field also provides information on whether RAM or Flash is installed in the Bank.
- Bank 1 (in MegaBytes). This field also provides information on whether RAM or Flash is installed in the Bank. Information is also provided for Bank 2, Bank 3 etc., as applicable.

- System Memory (in MegaBytes)
- PCL Memory (in MegaBytes)
- PostScript Memory (in MegaBytes)
- Compressed Page Memory (in MegaBytes).

#### **Print Description Languages**

These fields will inform you whether the PCL and Adobe PostScript Print Description Languages are installed, and if so, their version numbers.

### **Options Installed**

The *Options Installed* area provides a list of all of the options that are installed on your DocuPrint printer. These include such options as a Token Ring Card and a Serial Port.

Accessing Status information



# Maintaining Your Printer with Internet Services

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*Maintenance* information for the DocuPrint printer can be viewed using Internet Services. The *Maintenance* page, or tab, is used to access the following options:

- *logs / error log* (such as active and past printer faults)
- *diagnostics* information
- the ability to *print test patterns*.

## Accessing Maintenance information

To access Maintenance information:

- 1. Type in the DocuPrint printer IP address in your browser's *URL*, *Address*, or *Location* field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
- 2. From the Internet Services home page, click on Maintenance.
- 3. From the *Maintenance* page, select the desired radio button. Choose from:
- logs / error log
- diagnostics
- print test patterns.

Use the *Index* icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.

## Maintenance Logs / Error Log options

The following options are accessed by clicking on the *logs* or *error log* radio button from the *Maintenance* page of Internet Services.

All of the *logs / error log* fields described below are read-only. They provide fault status and fault history information for the DocuPrint printer.

Note that not all fields and options are available on every model of DocuPrint printer.

### Active Faults (More important at Top)

This area provides a description of current, or active, DocuPrint printer faults. The more urgent, or important, faults are listed first.

#### **Fault History**

This area provides a description of past DocuPrint printer faults.

#### M@iLinX Log (Alert and Print)

If M@iLinX is available as an option with your DocuPrint printer and the M@iLinX Alert (Notify) or M@iLinX Print (or both) options have been enabled, this area of the Maintenance page will list the most recent M@iLinX events that have occurred.

Use this information to track M@iLinX activity. Information included in the M@iLinX Log includes:

- the destination e-mail address for a message sent by the printer
- the source e-mail address for a message received by the printer
- the *Subject* line from the sent or received message. If the *Subject* line is blank, this field will be blank. Also, passwords are not displayed.
- the *Status* of the event
- the amount of time since the event occurred.

#### M@iLinX Alert Statistics (Notify)

#### **Notification Summary**

If M@iLinX is available as an option with your DocuPrint printer and the *M@iLinX Alert (Notify)* option has been enabled, you can access the following Notification information:

- the number of event notification e-mail messages sent
- the number of periodic notification e-mail messages sent
- the number of support provider notification e-mail messages sent
- the number of requested settings notifications sent
- the number of job response notifications sent
- the number of loopback notifications sent
- the total number of messages sent. This number is equal to the sum of all the notification summary counters.

#### M@iLinX Alert Statistics (Notify)

#### Send Failure Summary

If M@iLinX is available as an option with your DocuPrint printer and the M@iLinX Alert (Notify) option has been enabled, you can use this area of the Maintenance page to check on any unsuccessful attempts at sending a Notification.

This area of the Maintenance page will list:

- the number of unsuccessful attempts at sending an *Event Notification*. There is a maximum of three attempts per notification.
- the number of unsuccessful attempts at sending a *Periodic Notification*. There is a maximum of three attempts per notification.
- the number of unsuccessful attempts at sending a *Support Provider Notification*. There is a maximum of three attempts per notification.

- the number of unsuccessful attempts at sending a *Requested Setting Notification*. There is a maximum of three attempts per notification.
- the number of unsuccessful attempts at sending a *Job Response Notification*. There is a maximum of three attempts per notification.
- the number of unsuccessful attempts at sending a *Loopback Notification*. There is a maximum of three attempts per notification.
- the total number of Mail Send failures. This number is equal to the sum of all the notification failure counters.

#### M@iLinX Alert Statistics (Notify)

#### **Error Summary**

If M@iLinX is available as an option with your DocuPrint printer and the *M@iLinX Alert (Notify)* option has been enabled, you can access Error Summary information. This information can be very helpful in troubleshooting and in anticipating, and preventing, M@iLinX errors.

For example, if there are several failures caused by the SMTP server aborting or not responding, this would indicate a potential problem with the server.

This area of the Maintenance page will provide:

- the number of failures due to an invalid destination address
- the number of failures due to TCP errors
- the number of failures when attempting to connect to the SMTP server
- the number of failures caused by the SMTP server aborting a request

- the number of failures due to the SMTP server not responding
- the number of uncategorized internal errors. This value should always be 0.
- a button that sets all *M@iLinX Alert Statistics* values to 0.

Note that for all of the above fields, the maximum count is 100. If a field's value is larger than 100, it will appear as > 100.

#### **M@iLinX Print Statistics**

#### Message Summary

If M@iLinX is available as an option with your DocuPrint printer and the M@iLinX Print option has been enabled, Message Summary information provides a quick, at-a-glance, review of M@iLinX usage.

This can inform you whether M@iLinX features are being used more, or less frequently, and if there are potential problems such as an increased number of messages being rejected because of invalid passwords.

This area of the Maintenance page will list:

- the number of times the PO3 server has been polled. This value is stored in RAM so it is cleared on every printer power-up or reset.
- the number of incoming e-mail messages processed
- the number of incoming e-mail messages rejected by the printer for reasons such as an invalid password, or requested settings are disabled.

#### **M@iLinX Print Statistics**

#### **Receive Failure Summary**

If M@iLinX is available as an option with your DocuPrint printer and the *M@iLinX Print* option has been enabled, Receive Failure Summary information provides a summary of problems experienced when attempting to retrieve messages.

This area of the Maintenance page will list:

- the number of times the printer was unable to successfully logon to the POP3 server
- the number of times the printer was unable to retrieve a status of messages stored on the POP3 server
- the number of times the printer was unable to successfully retrieve a message from the POP3 server, or a problem with Processing the Message due to a Document Format Error.
- the number of times the printer was unable to successfully delete a message from the POP3 server
- the number of times the printer was unable to successfully logoff the POP3 server
- the total number of Mail Receive failures. This number is equal to the sum of all the notification failure counters.

#### **M@iLinX Print Statistics**

#### **Error Summary**

If M@iLinX is available as an option with your DocuPrint printer and the *M@iLinX Print* option has been enabled, you can access Error Summary information. This information can be very helpful in troubleshooting and in anticipating, and preventing M@iLinX errors.

For example, if there are several failures caused by errors returned by the POP3 server, this would indicate a potential problem with the server.

Error Summary information includes:

- the number of failures due to TCP errors
- the number of failures due to errors returned by the POP3 server
- the number of messages that contained more attachments than could be interpreted
- the number of messages that were rejected by the printer due to PDL errors
- the number of uncategorized errors. This value should always be 0
- a button that sets all *M@iLinX Print Statistics* values to 0.

Note that for all of the M@iLinX Print Statistics fields discussed above, the maximum count is 100. If a field's value is larger than 100, it will appear as > 100.

## Maintenance Diagnostics options

The following options are accessed by clicking on the *diagnostics* radio button from the *Maintenance* page of Internet Services.

Note that not all fields and options are available on every model of DocuPrint printer.

#### **Test Modes**

This area is used to enable the desired Test Mode.

#### General

General fields of the diagnostics area provide information such as:

- the total number of pages generated by the printer, including jammed pages
- the current relative humidity value
- the current temperature value
- the current temperature of the printer fuser.

#### Adjustments

Using the fields in the Adjustments section of the *diagnostics* area, you can perform adjustments such as:

- the Top Margin
- the Left Margin
- the Cleaning Cycle
- enabling or disabling the TC (Toner Concentration) Patch Control
- the Transparency Mode
- enabling or disabling the Cyclic Toneup.

#### **Process Control Status**

The *Process Control Status* fields are read-only and provide status information on toners and calibration.

#### **Density Rate Setpoints**

The Density Rate Setpoints fields are read-only and provide information on toner setpoints.

#### **Toner Concentration (TC)**

The *Toner Concentration fields* are read-only and provide information on the toner values such as:

- Toner Concentration Setpoints
- Toner Concentration Control Points
- Toner Concentration Values
- Toner Concentration Deltas.

#### **Process Voltage**

The *Process Voltage* fields displays information, in volts, on information such as the following:

- Paper Transfer Bias
- Transparency Transfer Bias
- Black Developer Bias
- Cyan Developer Bias
- Magenta Developer Bias
- Yellow Developer Bias.

## Maintenance Print Test Patterns options

The following options are accessed by clicking on the *print test patterns* radio button from the *Maintenance* page of Internet Services.

Once you select the Test Pattern that you want to print, you must press the *Print* button to send the test pattern to the printer. These test patterns can be printed multiple times, as specified in the *Quantity* (1...999) field.

Note that not all fields and options are available on every model of DocuPrint printer.

#### **Print Test Patterns**

Test Pattern - Choose the Test Pattern that you want to print.

<u>Quantity (1...999)</u> - Select the number of copies of the Test Pattern that you want to print. Choose a number from 1 to 999.

<u>Tray</u> - Select the *Tray* from which you want to print the Test Pattern.



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This chapter discusses the *Print* page, or tab, which provides a way of downloading a file to the DocuPrint printer and printing printer-resident pages.

Remember that print options are also available using M@iLinX Print features. M@iLinX Print options are discussed in *Chapter 3*, *Installing and Configuring Xerox M@iLinX*.

## **Accessing Print options**

To access *Print* options:

- 1. Type in the DocuPrint printer IP address in your browser's *URL*, *Address*, or *Location* field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
- 2. From the Internet Services home page, click on Print.
- 3. From the *Print* page, select the desired radio button. Choose from:
  - file download
- standard pages

Use the *Index* icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.

### **File Download**

From the *Print* page of Internet Services, select the *file download* radio button.

<u>File</u> - Select the file that you want to print and then press the *Print* button. Note that this *Print* button will appear only if JavaScript has been enabled. If JavaScript has not been enabled, an HTML button will be visible. The file to be downloaded to the printer must be in one of the following formats:

- Plain Text
- PostScript
- PCL.

Note that the file name you enter must not exceed 255 characters in length. Normally, it is quicker to use the *Browse* button to locate the file you want to print.

## **Standard Pages**

From the *Print* page of Internet Services, select the *standard pages* radio button.

Using this feature, you can print a standard page that is resident on the printer. These *Standard Pages* can be very helpful in troubleshooting, or for reference. For example, you may want to generate a Menu Map to help you navigate through the printer's menus that are accessed at the printer's Control Panel.

Select the *Standard Page* that you want to print and then press the *Print* button. Note that this *Print* button will appear only if JavaScript has been enabled. If JavaScript has not been enabled, an HTML button will be visible. Choose one of the following *Standard Pages*:

<u>Quantity (1...999)</u> - Select the number of pages that you want to print. Choose a number from 1 to 999.

<u>Tray</u> - Select the *Tray* from which you want to print.



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The information contained in this chapter should be used to customize your printer for use with Internet Services. It focuses on two areas of the *Properties* page, or tab, of Internet Services:

- Profile / Standard
- Profile / Custom.

To access Administration Standard Profile options:

## Accessing Administration Standard Profile options

- 1. Type in the DocuPrint printer IP address in your browser's *URL*, *Address*, or *Location* field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
- 2. From the Internet Services home page, click on Properties.
- 3. From the *Properties* page, select the *administration* radio button.
- 4. Select *Standard* from the *Profile* area of the Properties / Administration page, and scroll down to access the *Customization* fields discussed below.

Use the *Index* icon, located at the top of Internet Services pages, to quickly locate an item or information you desire.
#### **Standard Profile**

Note that not all of the fields and options discussed below are available on every model of DocuPrint printer.

#### Customization

The *Customization* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>Company Home URL</u> This URL is used for the link associated with the Company Logo in the footer of Internet Services pages. The default value is *http://www.xerox.com*. This field is limited to 90 characters.
- <u>Company Logo URL</u> The image displayed in the Company Logo area in the lower left portion of the footer of Internet Services pages is determined by this field. When this field is blank, the default image is displayed. Note that this field can be used to point to an external URL so that any logo can be displayed in the footer. This field is limited to 90 characters.
- Display Copyright
- <u>Use Java</u>
- Use JavaScript
- <u>DocuPrint Product Home URL</u> This is the URL associated with the *Printer Home* page and is used for the link associated with the picture of the printer that is displayed on Internet Services pages. This field is limited to 90 characters.
- <u>CentreWare Internet Services Home URL</u> This is the URL associated with the Internet Services home page and is used for the link associated with the Internet Services logo that appears in the header. of Internet Services pages. This field is limited to 90 characters.

#### Home Server

The *Home Server* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>Home Server Name</u> This is the name associated with the optional *Home Server Button* that appears in the header (in the upper left portion) of Internet Services pages. You can name this button anything you choose, so long as it does not exceed 40 characters. If this field is left blank, the *Home Server Button* will not appear in the header.
- <u>Home Server URL</u> This is the URL associated with the optional *Home Server Button* that appears in the header (in the upper left portion) of Internet Services pages. A maximum of 90 characters can be entered. This field is used to link to a tool such as Web Jet Admin, Printer Web, or any other page that contains a list of printers and links to them.

#### **Documentation References**

The *Documentation References* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>User Documentation URL</u> This is the URL associated with the printer's user documentation. The link is found on the *Help* page and will not appear if this URL field is blank. This field is limited to 90 characters in length.
- <u>Technical Documentation URL</u> This is the URL associated with the printer's technical documentation. The link is found on the *Help* page and will not appear if this URL is blank. This field is limited to 90 characters in length.

#### **Printer Registration**

The *Printer Registration* area of *Standard Profile* can be used to view and change settings and options such as:

• <u>Registration URL</u> - This is the URL associated with the registration of the printer or Subscription Services. The link is found on the *Assistance* page and is limited to 90 characters in length.

#### Software Upgrades

The *Software Upgrades* area of *Standard Profile* can be used to view and change settings and options such as:

- <u>Printer Drivers / Client URL</u> Use this link to locate the latest printer drivers for your DocuPrint printer. The link is found on the *Assistance* page under *Software Upgrades* and is limited to 90 characters in length.
- <u>Internet Services Server Software URL</u> This is the URL associated with the Printer Web or other server-based software This field is limited to 90 characters in length.
- <u>Printer URL</u> Use this link to locate the latest software version for your DocuPrint printer. The link is found on the *Assistance* page under *Software Upgrades* and is limited to 90 characters in length.

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# Accessing Administration Custom Profile options

To access Administration Custom Profile options:

- 1. Type in the DocuPrint printer IP address in your browser's *URL*, *Address*, or *Location* field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
- 2. From the Internet Services home page, click on Properties.
- 3. From the *Properties* page, select the *administration* radio button.
- 4. Select *Custom* from the *Profile* area of the Properties / Administration page, and scroll down to access the *Customization* fields discussed below.

## **Custom Profile**

Note that not all of the fields and options discussed below are available on every model of DocuPrint printer.

#### Help Category 1 and Help Category 2

The information that follows applies to both *Help Category 1* and *Help Category 2*. Use *Help Category 1* for one link, and *Help Category 2* for a second link, if desired.

The *Help Category* areas of *Custom Profile* can be used to view and change settings and options such as:

• <u>Category Name</u> - This is the name of a Custom category that appears on the *Help* page. It can be used to link to a Help Desk, Technical Support, or Service Organization, for example. If this field is blank, the entry does not appear on the *Help* page. This field is limited to 40 characters in length.

- <u>Tel No</u> This is an abbreviation for *Telephone Number*, and is an optional field that contains a telephone number for the Help Desk, Technical Support, or Service Organizations specified in the *Category Name* field (see above). This field is limited to 20 characters in length.
- <u>URL</u> This is the optional URL that is associated with the *Category Name*. If the URL field is blank, the *Category Name* does not contain a link. If there is a URL, the *Category Name* becomes a link to an Internet location. This field is limited to 90 characters in length.

#### Assistance Category 1, 2, 3, 4

The information that follows applies to *Assistance Category 1, 2, 3* and *4*. Use *Assistance Category 1* for one link, and *Assistance Category 2, 3*, and *4* for additional links, as needed.

The *Assistance Category* areas of *Custom Profile* can be used to view and change settings and options such as:

- <u>Category Name</u> This is the name of a custom category that appears on the Internet Services' *Assistance* page, under *Assistance Links*. It can be used to link to a Help Desk, Technical Support, or Service Organizations. If this field is blank, the entry does not appear on the *Assistance* page. This field is limited to 40 characters in length.
- <u>Tel No</u> This is an abbreviation for *Telephone Number*, and is an optional field that contains a telephone number associated with the *Category Name* (see above). This field is limited to 20 characters in length.
- <u>URL</u> This is an optional URL that is associated with the *Category Name* field (see above). If there is a URL specified in this field, a link for the *Category Name* is established for an Internet location. If the URL field is blank, the *Category Name* does not contain a link. This field is limited to 90 characters in length.

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# 9 Assistance and Problem Solving

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Introduction

# Introduction

This chapter explains how to access *Help* and obtain *Assistance* on using Internet Services with your DocuPrint printer. It also provides *Problem Solving* information.

# **Getting Support**

Assistance	The Assistance page, or tab, of Internet Services contains information about service and support for the DocuPrint printer. Links are displayed for Xerox and browser websites, along with Xerox and System Administrator support telephone numbers.
	To access Assistance:
	1. Type in the DocuPrint printer IP address in your browser's <i>URL</i> , <i>Address</i> , or <i>Location</i> field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
	2. From the Internet Services home page, click on Assistance.
Assistance options	Note that not all of the fields and options discussed below are available on every model of DocuPrint printer.
	Printer Registration
	This field provides a link to Printer Registration or Subscription Services.

### **Product Home Pages**

This area provides a link to the *DocuPrint Printer Product Home Page* that provides specifications and other information on your printer.

#### Software Upgrades

<u>Printer Drivers</u> - This area provides a link to the *Printer Drivers* page, where the latest versions of Printer Drivers for the DocuPrint printer can be obtained.

<u>Printer Software</u> - This is a link to the *Printer Software* page, where Printer Software Upgrades for the DocuPrint printer can be obtained.

#### **Assistance Links**

This area of the *Assistance* page provides a listing of available links to other sources of support and help.

**Help** The *Help* button allows you to access Internet Services Help. The *Help* button appears on every Internet Services page in the lower right corner of the screen. This page will open as a separate window if JavaScript is enabled. If JavaScript is disabled, the *Help* page will replace the previously displayed page. The following fields are displayed on the *Help* page.

Note that not all of the fields and options discussed below are available on every model of DocuPrint printer.

## Help options Documentation

<u>User Documentation</u> - This is a link to *User Documentation* for your DocuPrint printer.

<u>Technical Documentation</u> - This is a link to *Technical Documentation* for your DocuPrint printer.

#### **Help Links**

This area provides a listing of available links to other sources of support and help.

This section poses some solutions to common Internet Services problems. If you are having trouble running Internet Services, the following questions and answers may help you resolve the problem. If not, contact your System Administrator, or if needed, Xerox.

- Is the DocuPrint printer enabled for HTTP? Go to the DocuPrint printer Control Panel and make sure that it is enabled.
- Are you using the correct browser version? You should be using Netscape Navigator or Microsoft Internet Explorer version 3.x, or later.
- Did you enter the correct IP Address for the DocuPrint printer in your browser? Go to the DocuPrint printer Control Panel and make sure the IP Addresses match. Use the TCP/IP *ping* function to check that you are communicating properly with the network.
- Is the DocuPrint printer filtered or blocked by network routers or concentrators? Check with your System Administrator.
- Is the DocuPrint printer inside a firewall that you cannot access? Check with your System Administrator.
- Are you experiencing connection performance problems? Do not use the proxy server. HTTP proxy servers are used to access URLs that are outside of a firewall. Proxy servers are not required for accessing URLs inside a firewall to which users have access.
- Are you experiencing problems with your browser locking up? Try disabling Java.

• If the HTTP proxy server cannot be accessed, the DocuPrint printer may be accessed by not using a proxy server. You can set this permanently in your browser by including the DocuPrint printer IP Address in a list of IP Addresses that do not use the HTTP proxy server. See your browser documentation for more information about adding the DocuPrint printer IP Address to this list.



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Introduction

# Introduction

This chapter explains how to access *Help* and obtain *Assistance* on using Internet Services with your DocuPrint printer. It also provides *Problem Solving* information.

# **Getting Support**

Assistance	The <i>Assistance</i> page, or tab, of Internet Services contains information about service and support for the DocuPrint printer. Links are displayed for Xerox and browser websites, along with Xerox and System Administrator support telephone numbers.
	To access Assistance:
	1. Type in the DocuPrint printer IP address in your browser's <i>URL</i> , <i>Address</i> , or <i>Location</i> field. The DocuPrint printer's home page appears, and displays links to other pages. If you do not know the IP Address, print a Configuration Sheet, which will list it if it has been configured.
	2. From the Internet Services home page, click on Assistance.
Assistance options	Note that not all of the fields and options discussed below are available on every model of DocuPrint printer.

## **Printer Registration**

This field provides a link to Printer Registration or Subscription Services.

### **Product Home Pages**

This area provides a link to the *DocuPrint Printer Product Home Page* that provides specifications and other information on your printer.

#### Software Upgrades

<u>Printer Drivers</u> - This area provides a link to the *Printer Drivers* page, where the latest versions of Printer Drivers for the DocuPrint printer can be obtained.

<u>Printer Software</u> - This is a link to the *Printer Software* page, where Printer Software Upgrades for the DocuPrint printer can be obtained.

#### **Assistance Links**

This area of the *Assistance* page provides a listing of available links to other sources of support and help.

**Help** The *Help* button allows you to access Internet Services Help. The *Help* button appears on every Internet Services page in the lower right corner of the screen. This page will open as a separate window if JavaScript is enabled. If JavaScript is disabled, the *Help* page will replace the previously displayed page. The following fields are displayed on the *Help* page.

Note that not all of the fields and options discussed below are available on every model of DocuPrint printer.

## Help options Documentation

<u>User Documentation</u> - This is a link to *User Documentation* for your DocuPrint printer.

<u>Technical Documentation</u> - This is a link to *Technical Documentation* for your DocuPrint printer.

#### **Help Links**

This area provides a listing of available links to other sources of support and help.

This section poses some solutions to common Internet Services problems. If you are having trouble running Internet Services, the following questions and answers may help you resolve the problem. If not, contact your System Administrator, or if needed, Xerox.

- Is the DocuPrint printer enabled for HTTP? Go to the DocuPrint printer Control Panel and make sure that it is enabled.
- Are you using the correct browser version? You should be using Netscape Navigator or Microsoft Internet Explorer version 3.x, or later.
- Did you enter the correct IP Address for the DocuPrint printer in your browser? Go to the DocuPrint printer Control Panel and make sure the IP Addresses match. Use the TCP/IP *ping* function to check that you are communicating properly with the network.
- Is the DocuPrint printer filtered or blocked by network routers or concentrators? Check with your System Administrator.
- Is the DocuPrint printer inside a firewall that you cannot access? Check with your System Administrator.
- Are you experiencing connection performance problems? Do not use the proxy server. HTTP proxy servers are used to access URLs that are outside of a firewall. Proxy servers are not required for accessing URLs inside a firewall to which users have access.

- If the HTTP proxy server cannot be accessed, the DocuPrint printer may be accessed by not using a proxy server. You can set this permanently in your browser by including the DocuPrint printer IP Address in a list of IP Addresses that do not use the HTTP proxy server. See your browser documentation for more information about adding the DocuPrint printer IP Address to this list.
- Are Java and JavaScript enabled? Check your browser for these settings and refer to the following information for further assistance.

# Enable Java and JavaScript

The procedures below detail how to configure your browser to work with Java and JavaScript, which Internet Services uses for processing. Find the instructions for the browser you are using below.

It is important not to confuse Java with JavaScript. JavaScript must be enabled at **all** times. SunOS users must turn Java off to utilize the full potential of Internet Services.

Permissions that are set allow you to communicate with your DocuPrint printer via your browser. It also allows any site you visit on the Internet to start Java applets that can access other network addresses from your browser. Therefore, you may want to disable the Java setting for casual web surfing.

Perform the following if you are using Microsoft Internet Explorer:

- 1. Access and launch Internet Explorer.
- 2. From the View Menu, select Internet Options.
- 3. Click on the **Security** tab.
- 4. Click on the **Custom** radio button, and then click **Settings...** to view the Security Settings window.
- 5. Scroll to *Scripting* and under *Scripting of Java applets* select the **Enable** radio button to enable JavaScript.
- 6. Scroll to Java and click on the Custom radio button.

- 7. Click the **Java Custom Settings...** button that appears at the bottom of the window.
- 8. Select the *Edit Permissions* tab. Under *Run Unsigned Content*, select the **Run in sandbox** radio button.
- 9. Under Access to all Network Addresses, click on Enable.

Perform the following if you are using Netscape Navigator:

- 1. Access Netscape.
- 2. From the *Edit* Menu, select **Preferences**.
- 3. Click on the **Advanced** folder.
- 4. Click the Enable Java and Enable JavaScript check boxes.

If the Java applets in the website will not run in your browser, perform the following steps:

- 1. Access your Netscape Preferences file. Refer to your Netscape documentation for more information about this file and its location.
- 2. Add the following line, which allows an applet to access a different server than the one it is running on:

user-pref
("signed.applets.codebase\_principle\_support," true);

3. Save this file and restart Netscape.

For more information on code-based principle support, visit the Netscape website or see your Netscape documentation.



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