Macintosh

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Requirements

- A workstation with the appropriate printer driver installed.
- A working knowledge of the operating system (System 9.0+ or higher) being used on the workstation.
- Proper cabling to connect the printer to the network.

Enabling and Using EtherTalk

If you use EtherTalk, Macintosh computers do not require IP addresses.

1. Open the **AppleTalk Control Panel**. Verify that the Ethernet port is the selected network port.
2. Insert the *Printer Installer and Utilities CD-ROM* into the computer's CD-ROM drive. If your PC is set to autorun, the installer launches automatically.
3. Double-click the installer on the *Printer Installer and Utilities CD-ROM* to install the printer driver.

Mac OS 9.x

1. Open the **Chooser**, then click the **LaserWriter printer** driver.
2. Select the printer.
3. Click **Create** to create the desktop printer.

Mac OS X, Versions 10.1 and 10.2

1. Open **Print Center**.
2. Click **Add Printer**, then select the printer.
3. Click **Add**.

Note

For more information, go to www.xerox.com/office/infoSMART to view Document # 2562.

Enabling and Using TCP/IP

This section provides installation and troubleshooting steps for Macintosh (Mac OS 9 through Mac OS X, version 10.2).

Quick Install Steps for Mac OS 9.x

Setting Up the Macintosh Ethernet Port for TCP/IP

Perform the following procedure to set up your Macintosh TCP/IP:

1. Click **Control Panels** from the Apple menu.
2. Click **TCP/IP**.
3. Click **Ethernet** from the **Connect via** menu.
4. Specify one of the following methods for the Macintosh to obtain its IP address:
   - Manually
   - DHCP

   Note
   If you select to set up the printer manually, specify the IP address in the dialog box. You must also enter information for the Subnet Mask, Router Address, and Name Server Address, if needed

5. Close the dialog box.

Creating an LPR Printer with LaserWriter 8.5.1 or Higher

1. Open the **Desktop Printer Utility**. (This utility, or an alias to it, can be found in the PhaserTools folder.)
2. Click **Printer (LPR)** in **Create Desktop**, then click **OK**.
3. Click **Change** in the P**ostScript Printer Description (PPD)** file.
4. Select the appropriate PPD from the list, then click **Select**. If your printer's PPD is not listed, install it from the *Printer Installer and Utilities CD-ROM*.
5. Click **Change** in **LPR Printer Selection**.
6. Enter information in the following fields:
   - **Printer Address**: Enter the printer's IP address or domain name.
   - **Queue**: Enter **PS** (use upper-case), then click **OK**.
7. Close the dialog box. When prompted, click **Save**.
8. Enter a name for the desktop printer in **Save Desktop Printer As** field, then click **Save**.
9. Two methods are available for printing through LPR:
   - Use the new Desktop Printer (LPR)
   - Use the LaserWriter 8.5.1 printer driver (any printer can be selected). Click **File**, then click **Print** to select the appropriate LPR printer in the **Printer** drop-down list.

Creating an AppSocket Printer with LaserWriter 8.6

Xerox provides Macintosh AppSocket printing with PhaserPort for Mac OS on the printer's *Printer Installer and Utilities CD-ROM*. PhaserPort for Mac OS provides a bi-directional, high-speed communications channel using the new plug-in communication architecture of Apple LaserWriter version 8.6.

AppSocket provides feedback about print job status which is not available through LPR.

PhaserPort for Mac OS System Requirements

Note

PhaserPort is not supported under Mac OS X.

System requirements include:

■ A Phaser printer installed on a TCP/IP network
■ PowerPC-based Macintosh
■ Apple's LaserWriter version 8.6 or later, with Desktop Printing enabled
■ Open Transport version 1.1 or later networking. TCP/IP networking provided by MacTCP software is not supported. The Macintosh must be properly configured to communicate with the printer.

Files and Installation

PhaserPort for Mac OS consists of two files:

■ **PhaserPortLib**: A special type of shared library recognized by the LaserWriter printer driver version 8.6.
■ **PhaserPort Printer Tool**: A Macintosh PowerPC application for creating desktop printers that communicate with PhaserPortLib.

To install PhaserPort for Mac OS:

1. Copy **PhaserPortLib** into **System Folder/Extensions/Printing Plug-Ins**.
2. Copy the **PhaserPort Printer Tool** to any folder on the Macintosh.

Creating a Desktop Printer with PhaserPort for Mac OS

1. Launch the **PhaserPort Printer Tool**.

2. Enter the printer's IP address or DNS name in the **Printer Internet Address** field.

3. Enter a name for the desktop printer in the **Desktop Printer Name** field.

4. Click **Verify** to contact the printer over the TCP/IP network, then verify its network configuration.

5. Click **Create** to create the desktop printer.

6. Click **Quit** to exit the **PhaserPort Printer Tool**.

7. In the **Finder**, click the newly created desktop printer icon.

8. Click **Change Setup** in the **Finder's Printing** menu.

9. Select the **PostScript Printer Description** file and provide configuration information. You can also select the **Auto Setup** button, then Macintosh automatically attempts to determine the correct settings for the Phaser printer.

Note

Certain utilities, such as Adobe Font Downloader, are not compatible with PhaserPort for Mac OS software because they attempt to directly communicate with the printer using the AppleTalk protocol. If you use Mac OS software, create an AppleTalk desktop printer, then delete this printer after running and exiting the non-compatible software.

Quick Install Steps for Mac OS X, Version 10.1

Requirements

Verify that you are running Mac OS X, version 10.1. The previous versions of Mac OS X do not fully support PostScript printing and printer features.

Setting up the Macintosh Ethernet Port for TCP/IP or AppleTalk

Perform the following procedure to set up your Macintosh for TCP/IP:

1. Select **Network** from the System Preferences application, then select **TCP/IP**.

2. Select **Built-In Ethernet** from the **Active Ports** menu.

3. Specify how you will obtain the IP address from the **TCP/IP** tab:
   - **Manually**: Specify the IP address, **Subnet Mask**, **Router Address,** and **Name Server Address** in the dialog box.
   - **DHCP**: If you wish to use AppleTalk, select the **AppleTalk** tab and verify that the **Make AppleTalk Active** box is selected.

4. Close the dialog box.

Creating an LPR Printer with Mac OS X, Version 10.1

1. Open the **Print Center Utility**. (This utility is found in a directory called **Utilities** in the **Applications** directory.)
2. Select **Add Printer**, then select **LPR Printers Using IP** from the pull-down menu.
3. Enter the printer's IP address or host name in the **LPR Printer's Address** field.
4. Enter **PS** (use upper-case) in the **Queue** field, then click **OK**.
5. Select the appropriate **PPD** from the list in the **Printer Model** drop-down list. If your printer's PPD is not listed, install it from the *Printer Installer and Utilities CD-ROM*.
6. Click **Add** to complete the configuration.

Creating an AppleTalk Printer with Mac OS X, Version 10.1

1. Verify that **AppleTalk** is enabled in **System Preferences**.
2. Open the **Print Center Utility**. (This utility is found in a directory called **Utilities** in the **Applications**.)
3. Select **Add Printer**, then select **AppleTalk** from the pull-down list.
4. Select the appropriate zone.
5. Select your printer from the list provided.
6. Select the appropriate **PPD** from the list in the **Printer Model** drop-down list. If your printer's PPD is not listed, install it from the *Printer Installer and Utilities CD-ROM*.
7. Click **Add** to complete the configuration.

Quick Install Steps for Mac OS X, Version 10.2 (Rendezvous)

Requirements

Verify that you are running Mac OS X, version 10.2 or later. Also ensure that you have run the installer from the *Printer Installer and Utilities CD-ROM* to install the proper printer drivers for your printer.

1. Open the **Print Center Utility** (located in **Utilities** in the **Applications** Directory).
2. Click **Add**.

   A list appears displaying your printer's name, followed by a series of numbers. For example, *Your Printer's Name xx:xx:xx*. Each numbered segment represents the last section of your printer's hardware address. Your PPD is automatically selected.

3. Click **Add** to complete the installation.

Setting Up the Macintosh Ethernet Port for TCP/IP or AppleTalk

Perform the following procedure to set up your Macintosh for TCP/IP:

1. Select **Network** from the System Preferences application, then select **TCP/IP**.
2. Select **Built-In Ethernet** from the **Active Ports** menu.
3. Specify how you will obtain the IP address from the TCP/IP tab:
   - **Manually**: Specify the IP address, **Subnet Mask**, **Router Address,** and **Name Server Address** in the dialog box.
   - **DHCP**: If you wish to use AppleTalk, select the **AppleTalk** tab and verify that the **Make AppleTalk Active** box is selected.
4. Close the dialog box.

Creating an LPR Printer with Mac OS X, Version 10.2

1. Open the **Print Center Utility** (located in **Utilities** in the **Applications** Directory).
2. Click **Add**.
3. Select **IP Printing** from the drop-down list.
4. Enter your printer's IP address.
5. Deselect **Use default queue on server box**.
6. Type **AUTO** in the **Queue Name** field.
7. Select the appropriate PPD from the list displayed in the **Printer Model** drop-down list.
8. Click **Add**.

Macintosh Troubleshooting (Mac OS 9.x, Mac OS X, Versions 10.1 and 10.2)

The following procedure eliminates cabling, communication, and connection problems. Once you complete these steps, print a test page from your software application. If the job prints, no further system troubleshooting is necessary. If there are print quality problems, go to Reference/Troubleshooting on the *User Documentation CD-ROM*.

Macintosh Troubleshooting Step-By-Step

Mac OS 9.x

Perform these steps *only* for Mac OS 9:

1. Open the **Chooser**, then click the **LaserWriter** driver.
2. Do one of the following:
   ■ If the printer name appears, your printer is communicating through the network. You do not need to perform any additional steps.
   ■ If your printer name does not appear, proceed to Step 3.
3. Verify that the printer is plugged in, turned on, and connected to an active network.
4. Verify the cable connection from the network to the printer.
5. Follow these steps:
   a. From the printer's front panel, verify that **EtherTalk** is enabled. If it is not, enable it in the front panel, then reset the printer.
   b. Print the "Configuration Page" and verify that **EtherTalk** is enabled.
   c. From the "Configuration Page", verify the **Zone**. If you have multiple zones on your network, verify that your printer appears in the desired zone.
6. If you are still unable to print, go to www.xerox.com/office/support or access PhaserSMART Technical Support through CentreWare Internet Services:
   a. Launch your web browser.
   b. Enter your printer's IP address in the browser's **Address** field (http://xxx.xxx.xxx.xxx).
   c. Click **Support**.
   d. Click the **Technical Support** link to access PhaserSMART.

Mac OS X, Versions 10.1 and 10.2

Perform these steps *only* for Mac OS X, versions 10.1 and 10.2:

1. Open the **Network Utility**, then click the **Ping** tab.
2. Enter your printer's IP address.
3. Click **Ping**. If you do *not* get a response, confirm that your TCP/IP settings are correct for both your printer and computer.
4. For **AppleTalk**, follow the steps below. For **TCP/IP** proceed to Step 5.
   a. From the printer's front panel, verify that **EtherTalk** is enabled. If it is not, enable it in the front panel, then reset the printer.
   b. Print the "Configuration Page" and verify that **EtherTalk** is enabled.
   c. From the "Configuration Page", verify the **Zone**. If you have multiple zones on your network, verify that your printer appears in the desired zone.
5. If you are still unable to print, go to www.xerox.com/office/support or access PhaserSMART Technical Support through CentreWare Internet Services:
   a. Launch your web browser.
   b. Enter your printer's IP address in the browser's **Address** field (http://xxx.xxx.xxx.xxx).
   c. Click **Support**.
   d. Click the **Technical Support** link to access PhaserSMART.