



# **Kodak Matchprint Inkjet Proofer**

With Epson Stylus Pro

Version 5.1.0

## **Installation Guide**

English



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# 1 Preparing to install Kodak Matchprint Inkjet proofers

The installation procedure for the Kodak Matchprint Inkjet proofing solution includes software, hardware, color management, and networking instructions.

Before unpacking and installing the proofer, you must:

1. Check that you have all the service tools, equipment, and documentation that you will need for the installation.
2. Complete preparation steps as described in the site preparation document for the proofer that you're installing.



**WARNING:** Failure to follow the preparations described in this section could result in serious damage to equipment or cause complications during installation.

## 1.1 Field engineer components

Ensure that you have all the field service tools, equipment, and documentation that you will need for the installation. Field service engineer components include:

- A software license key (This document describes how to obtain a license key.)
- The latest source profiles and media configuration files for the media that the customer site will use. For the latest files, go to the Kodak eCentral portal at <https://ecentral.kodak.com/>.

Before you leave the site, use the *Matchprint Inkjet Installation Statement of Work*, available on TechPlanet, to complete the installation.

## 1.2 Related documents

Ensure that you have the following documents:

- The user manual shipped with the printer
- Connectivity documents for the workflow software, such as Kodak Prinergy, Kodak Prinergy Evo, or Kodak Brisque.

You can find the connectivity documents on the resource disc for the proofer or on the TechPlanet support Web portal (<http://techplanet.creo.com/>). Click **Proofing > Proofer Software > Kodak Proofing Software**. Select the desired version of Kodak Proofing Software, and click the **Connectivity** link.

- Kodak Help that is installed with Kodak Proofing Software

**Note:** In Proofer Administrator, select **Help > Help Topics** to display the Kodak Proofing Software Help.

- The *Matchprint Inkjet Site Preparation* document, available on the proofer's Installation page on TechPlanet
- The *Matchprint Inkjet Installation Statement of Work* document, available on the proofer's Installation page on TechPlanet
- The *Kodak ColorFlow Software Implementation Guide* document

## 1.3 Components shipped by Kodak

Ensure that you have the following hardware and software components.

Hardware:

- Dell computer and monitor
- Power cables (used to connect the printer and Proofer Controller)
- Keyboard
- Mouse
- Label printer (if the customer ordered the Kodak Certified Process for Color Confirmation option)
- Spectrophotometer (if the customer ordered one from Kodak)

Software:

- Kodak Proofing Software for Matchprint Inkjet Clone disc for each model of Dell computer used
- Kodak Proofing Software for Matchprint Inkjet Software Installation Disc
- Kodak Proofing Software Resource disc
- USB dongle

The customer is responsible for providing an Ethernet (straight through) cable or a USB cable to connect the printer. The Ethernet cable is for a network connection, and the USB cable is for a USB connection.

## 1.4 Inspecting the contents of the printer box

Inspect the device box and pallet.

1. Look for signs of damage caused by moisture, improper packing, tipping, dropping, stacking, or mishandling.
2. Record problems and report them immediately to Kodak and the delivery company.



## 2 Installing the Proofer Controller clone

**Tip:** Unpack the software package and Proofer Controller first. Start installing the proofing software clone. While the installation takes place, you can continue to unpack and set up the printer hardware.

### 2.1 Setting the voltage on the Dell Optiplex

You must correctly set the voltage switch on the Proofer Controller before you plug in the computer.



**DANGER:** The Dell Optiplex Proofer Controller does not automatically switch voltage. You must set the correct voltage before you plug it in. At the back of the Proofer Controller, remove the Check Voltage sticker and ensure that the voltage is set correctly before plugging in the Proofer Controller.

- Before plugging in the Proofer Controller, ensure that the voltage switch on the Proofer Controller is set at the voltage that is appropriate for your region.



Figure 1: Check voltage sticker

### 2.2 Installing the monitor, keyboard, and mouse

1. Connect the monitor, keyboard, and mouse to the Proofer Controller.
2. Turn on the monitor.

### 2.3 Installing the clone on the Proofer Controller

**Requirements:**

- Kodak Proofing Software for Matchprint Inkjet Clone disc for the Proofer Controller model that you are using. (Each Proofer Controller model uses a different clone disc.)
1. Use the power cable to connect the Proofer Controller to the wall outlet.

2. Access the Proofer Controller's BIOS:
  - a. Turn on (or restart) the Proofer Controller.
  - b. When the Dell logo appears, press the F2 key and hold it down for five seconds.  
If you see the Microsoft Windows logo, you did not press F2 in time. Wait until you see the Windows desktop, and restart the computer again.
3. Depending on your Proofer Controller model, select one of the following procedures to change the boot sequence on the Proofer Controller, insert the Kodak Proofing Software for Matchprint Inkjet Clone disc into the DVD-ROM drive, and install the clone software.

For this model	Do this
Dell Optiplex 755	<ol style="list-style-type: none"> <li>1. In the <b>System Branch</b> node, use the up and down arrow keys on the keyboard to highlight <b>Boot Sequence</b>, and press the Enter key.</li> <li>2. Use the up and down arrow keys to select <b>Onboard or USB CD-ROM Drive</b>.</li> <li>3. Use the letter U key to move <b>Onboard or USB CD-ROM Drive</b> to the number one position on the list.</li> <li>4. Press Enter to save your changes.</li> <li>5. Insert the KPS clone disc into the DVD-ROM drive.</li> <li>6. Press the Esc key.</li> <li>7. Select <b>Save and Exit</b>, and press Enter.</li> </ol>
Dell Optiplex 960	<ol style="list-style-type: none"> <li>1. In the <b>System Branch</b> node, use the up and down arrow keys on the keyboard to highlight <b>Boot Sequence</b>, and press the Tab key.</li> <li>2. Press the right arrow key once.</li> <li>3. Use the up and down arrow keys to select <b>Onboard or USB CD-ROM Drive</b>.</li> <li>4. Press the Page Up key multiple times until the <b>Onboard or USB CD-ROM Drive</b> is at the top of the list.</li> <li>5. Insert the KPS clone disc into the DVD-ROM drive.</li> <li>6. Press the Esc key. This opens a Warning window that asks if you want to save your changes.</li> <li>7. Click <b>Yes</b> to save changes.</li> </ol>

When the installation starts, the Proofer Controller plays a three-tone sound. The installation process takes up to 30 minutes.

**Note:** If you do not hear the three-tone sound, check that the Proofer Controller is starting up from the disc.

4. While you are waiting for the installation to finish, assemble the proofer.  
When the clone software installation completes, the Proofer Controller plays a sound.
5. Remove the disc from the DVD-ROM drive before restarting the system.  
This prevents the system from installing the clone software again.



## 3 Setting up Kodak Matchprint Inkjet proofers

### 3.1 Setting up Epson Stylus Pro printers

1. Assemble and set up the printer hardware, using the instructions in the user guide for the printer model.
2. If you are installing the Epson Stylus Pro 7900, 7890, WT7900, 9900, 9890, or 4900 proofer, perform the following tasks:
  - a. On the printer's front panel, go to **Menu > Printer Setup > Platen Gap**, and confirm that **Platen Gap** is set to **Standard**.  
The **Standard** setting allows Kodak media configuration files to adjust the platen gap as needed.
  - b. If the customer most often uses the printer for imposition proofs, turn off the **Auto Nozzle Check** on the printer's front panel.
  - c. If you are installing an Epson Stylus SpectroProofer (also known as an inline spectrophotometer), perform the following actions:
    - Install the white backing, not the black backing.
    - On the printer's front panel, select **Menu > Paper Setup > Paper Type > Proofing Paper**, and then select **Proofing Paper W SM**.
    - Align the SpectroProofer. See [Aligning the inline spectrophotometer for Epson Stylus Pro x900, and x890 printers](#) on page 8.
3. Apply the Kodak logo decal (part number 382-01339x where x is the latest version) on the front of the printer. Make sure the label is straight.



Figure 2: Epson Stylus Pro 48xx



Figure 3: Epson Stylus Pro 78xx

## 3.2 Aligning the inline spectrophotometer for Epson Stylus Pro x900, and x890 printers

Spectrophotometer alignment is required for accurate measurements of charts for the calibration process and for the media configuration creation process, as well as the measurement of color bars for the Certified Process for Color Confirmation.

Align the inline spectrophotometer when you change media or when you load a new role of media. If you change the spectrophotometer and filter, you must restart the proofer to inform Kodak Proofing Software of the changed spectrophotometer and filter.

1. Go to the front panel on the Epson Stylus Pro x900 printer.
2. From the menu, select **Options Setup**.
3. Select **Spectro Proofer**.
4. Select **Device Alignment**.
5. Select **Execute**.
6. Select **OK**.

## 3.3 Setting up Epson Stylus Pro printers to read the sheet position

### Requirements:

- Only Epson Stylus Pro 7700, 7900, 9700, 7890, 9890 and 9900 printers support this feature, and the printer must be connected by a network to Kodak Proofing Software. A USB connection does not support this feature.

**Note:** If you encounter Kodak Proofing Software error numbers 6077 or 6078 about the software's inability to read the sheet position, you may need to upgrade the firmware before you can set up the feature. Use the EPSON LFP Remote Panel or the EpsonNet Config Utility to upgrade the firmware to the latest version. For the EPSON LFP Remote Panel and the EpsonNet Config Utility, go to the Epson Web site (<http://www.epson.com/>). Only older Epson Stylus Pro printers may require firmware updates. Newer models should have the necessary firmware.

The firmware requires specific settings to enable the printer to read the sheet position for double-sided proofs. When using a layout that is configured for double-sided printing, Kodak Proofing Software can use the sheet position to understand the angle of the loaded sheet and to automatically rotate the proof image to match the angle of the sheet. In other words, Kodak Proofing Software can rotate the proof image to center the image horizontally and to position the image parallel to the leading edge. When you view the printed proof, the proof image is square in relation to the sheet edges.

You only need to perform this procedure once.

1. Turn off the printer.
2. Press and hold the **Pause** button while turning on power to the printer.
3. Continue holding the **Pause** button, and watch the front panel.
4. When **Maintenance Mode** appears on the front panel, release the **Pause** button.

5. Press the **down arrow** button to locate and select **Custom**.
6. Press the **up arrow** button or the **down arrow** button to locate and select **2**.  
The **0** setting indicates that the feature is turned off.
7. Press **OK**, and then press the **left arrow** button until you return to the main menu.
8. Turn off the printer.
9. Turn on the printer.

## 3.4 Installing printer drivers

Install the printer driver for the Matchprint Inkjet proofer before you install the client and server software. The software installation uses information that is in the driver.

1. Install the printer driver following the installation instructions that are provided by the printer manufacturer.
2. If you use an Epson Stylus Pro x600 or x800 printer through USB, perform these actions:
  - a. Go to the Epson Web site and download the status monitor that is specifically for the operating system on your computer.
  - b. Install the status monitor (after you install the printer driver).





## 4 Installing ColorFlow software

Kodak ColorFlow software is optional. Install ColorFlow software on the Proofer Controller, if the customer purchased the software.

**Requirements:**

- Installation disc for ColorFlow software

ColorFlow software uses the license dongle for Kodak Proofing Software.

- Install ColorFlow software on drive D of the Proofer Controller.  
For details, see the *ColorFlow Software Configured for Kodak Proofing Software Implementation Guide*.



## 5 Installing Kodak Proofing Software

It is important to install the Kodak Proofing Software before you add the Proofer Controller to a network domain. When you add the Proofer Controller to a network domain before you install Kodak Proofing Software, network permission issues may occur.

Use this section to install both the proofer server and client software on the Proofer Controller. On a Mac computer, you can install the client software, but not the server software.

### 5.1 Installing the Kodak proofer client and proofer server software

**Requirements:**

- The printer driver must be installed.
- Locate the Kodak Proofing Software for Matchprint Inkjet Software Disc.
- Find out the Kodak service user name and password, for access to the Proofer Controller.

If the site wants to add the Proofer Controller to a network domain, install the Kodak proofer server and proofer client software on a Proofer Controller before you add the Proofer Controller to a network domain. Do not add the Proofer Controller to the network domain, and then install the Kodak proofer server and proofer client software; it may cause network permission problems.

**Note:** Do not install the server software to a network drive. Network drives are not supported.

1. On the Proofer Controller, use the Kodak service user name and password to log in.
2. When prompted, insert the software disc into the drive.

**Note:** The install can be cancelled at this point to create a custom proofer controller name. See [Changing the Proofer Controller name](#) on page 14

3. Press **OK** to begin the installation.  
The installation process begins automatically. The installer program installs both the client and server software on the Proofer Controller. As a result, the complete installation may take up to 20 minutes.
4. Follow the on-screen prompts.  
Adobe Reader is required to run reports. If Adobe Reader 8.x or higher software is not already installed on the workstation, select the option that opens the Adobe Web site when the installation is completed. Or, you can go to the Adobe Web site and download the software after the installation.
5. Remove the disc from the drive when the installation is complete.
6. Restart the Proofer Controller.

**Important:** Be sure to start the Proofer Controller after the software is installed, even if the installer says that this is not necessary.

## 5.2 Changing the Proofer Controller name

Each Proofer Controller is given a generic name in the form “CX<xxxx>” where <xxxx> is a number. The customer can choose to continue using this name, or change it to a more appropriate one.

**Note:** Changing the Proofer Controller name after registering the RSS client software 2.1 causes the RSS software client to lose its registration.

1. On the Proofer Controller, use the Kodak service user name and password to log in.
2. On the desktop, right-click **My Computer**, and click **Properties**.
3. On the **Computer Name** tab, click **Change**.
4. In the **Computer Name** box, type the new name, and click **OK**.
5. Click **OK** to close the System Properties window.
6. Restart the Proofer Controller.

## 5.3 Kodak proofer client software installation on workstations

After installing the client software on the Proofer Controller, you can install it on additional computer workstations.

You can install the software from the Proofer Controller. Alternately, if you have the version of the client software on a field service engineer laptop computer, you can open and install the client software from the laptop.

### 5.3.1 Installing proofer client software (Windows)

You can access the Proofer Controller from a Windows-based computer to install the proofer client software.

**Note:** When you start the client software on a Windows 7 operating system, the Program Compatibility Assistant dialog box may appear. Click **This program installed correctly** to clear the error and keep it from appearing again.

1. From the **Start** menu, select **Run**.
2. In the **Open** box, type `\\<ControllerName>` or `\\proofers\\<ControllerName>`, and click **OK**.  
**Note:** <ControllerName> is the name of the Proofer Controller, as shown in Proofer Finder. You may need to include the domain name (proofers) before <ControllerName>.
3. If the Connect to dialog box appears, in the **User Name** box and **Password** box, type `proofer`, and click **OK**.
4. Double-click **ProofClient**.
5. When the `proofclient` directory appears, locate the `Windows` directory, and double-click **setup.exe**.
6. Follow the on-screen prompts.
7. Make sure Adobe Reader 8.x or later is installed on the workstation.

**Note:** Remember to make Adobe Reader the default PDF viewer.

## 5.3.2 Installing proofer client software (Mac OS)

Access the Proofer Controller from a Mac computer and install the proofer client software.

### Requirements:

- You need the administrator password.

1. From the **Finder** menu, choose **Go > Connect To Server**.
2. In the **Address** box, type `smb://<ControllerName>/proofclient`, and click **Connect**.  
**Note:** `<ControllerName>` is the name of the Proofer Controller, as shown in Proofer Finder. You may need to include the domain name (`proofers`) before `<ControllerName>`.
3. If the Connect to dialog box appears, in the **User Name** box and **Password** box, type `proofer`, and click **OK**.
4. When the `proofclient` directory appears, locate the `Mac` directory, and double-click **setup**.
5. Follow the on-screen prompts.

If you are installing on a Mac workstation, the installer prompts you to install the Keyspan Mac OS X Adapter drivers.

You need Keyspan drivers only if you plan to use a serial cable to connect a spectrophotometer to a Mac workstation. You do not need Keyspan drivers if your spectrophotometer uses a USB connection, if you use an inline spectrophotometer, or if you are not planning to connect a spectrophotometer on this computer.

After restarting, you must enable the adapter drivers.

6. Make sure Adobe Reader 8.x or later is installed on the workstation.

**Note:** Remember to make Adobe Reader the default PDF viewer.

## 5.4 Making Adobe Reader the default PDF viewer (for Mac workstations)

If you are using a Mac workstation, you must make Adobe Reader the system's default PDF viewer.

1. Select a PDF file.
2. In the **Finder**, select **File > Get Info**.
3. From the **Open with** menu, select **Adobe Reader**.
4. Click **Change All** to make Adobe Reader the default PDF viewer software.
5. Close the Get Info window.

## 5.5 Turning off sleep mode (for Mac workstations)

Mac workstations must not be allowed to enter sleep mode because the sleep mode disconnects network communication. When the workstation wakes up, it displays a disconnected or offline error.

1. On the **Dock**, click **System Preferences**.
2. Click **Energy Saver**.
3. Set both the computer and display to **Never** sleep.

#### 4. Close **System Preferences**.

## 5.6 Enabling East Asian language support (for Windows XP)

Kodak Proofing Software allows you to operate the software in an East Asian language, such as Japanese, using an English Microsoft Windows XP operating system.

Microsoft Windows Vista and Windows 7 operating systems include support for East Asian languages.

1. Install the East Asian language files.  
The customer needs to provide the original Windows operating system installation disc to complete the installation. For more information, go to the Microsoft Web site.
2. In the Regional and Language Options window on the **Advanced** tab, select the East Asian language that is used for non-Unicode programs.

**Note:** You must enable East Asian Language support on the Proofer Controller and any additional client workstations.

## 5.7 Setting the firewall for the Color Database Editor (for Windows 7 workstations)

When proofer client software runs on a Windows 7 operating system, you must set a firewall setting to allow the Color Database Editor to open. You must set the firewall setting every time that you upgrade or install Kodak Proofing Software.

#### Requirements:

- Administrator privileges for Windows 7

**Note:** When you first start the proofer client software on a workstation that is running the Windows 7 operating system, a warning message appears asking whether you want to let the `javaaw.exe` file access the network. Click **Allow**. You may also see the Program Compatibility Assistant dialog box. Click **This program installed correctly** to clear the error and keep it from appearing again.

1. In Windows 7, click the **Start** button, and select **Control Panel**.
2. Click **System and Security**.
3. Click **Windows Firewall > Advanced Settings**.
4. In the left panel, click **Inbound Rules**.
5. In the **Action** column, click **New Rule**.  
The New Inbound Rule wizard appears.
6. Select **Program**, and click **Next**.
7. Select **This program path:**, and click **Browse**.
8. Select `Program Files\Kodak\Proofer Client <version>\OpenConnectivityClient.exe`, click **Open**, and click **Next**.
9. Select **Allow the connection**, and click **Next**.
10. Select **Domain, Private, Public**, and click **Next**.

11. In the **Name** box, type **KPS Open Connectivity Kit**, and click **Finish**.

You can now open the Color Database Editor in the Windows 7 operating system.





## 6 Configuring the Proofer Controller

### 6.1 Proofer Controller network settings

You can connect the Proofer Controller to the network using one of the following methods:

- Static DHCP
- Static IP
- DHCP

**Note:** If you are installing an Epson Stylus Pro 10600 proofer to the network, you must connect this model to the onboard network card and not the secondary network card. With computers that use Windows operating systems, disable the secondary network card so that only the primary onboard network card is used.

#### Static DHCP

Static DHCP is the recommended method—provided the site uses a DHCP server that supports static DHCP. Static DHCP uses a DHCP server to assign a static IP address based on the unique MAC (Media Access Control) address of the Controller's network card. This method combines the advantages of static IP and DHCP, because workflow systems see a static IP address while still allowing for simple network management from a central location.

The site must have a DHCP server that supports static DHCP. Work with the site's network administrator to map the Controller's MAC address to a static IP address, subnet mask, and default gateway.

**Note:** If you reinstall the Controller software, you need to remap the Controller's MAC address to the static IP address.

#### Static IP

For static IP, you must obtain a static IP address, subnet mask, and default gateway from the site's network administrator. Some workflow systems, such as Brisque, do not support DHCP and must use static IP.

#### DHCP

DHCP is easier to set up and manage because each time that the Controller connects to the network, it requests a new IP address. You cannot use DHCP if the workflow system does not support DHCP, or if the site does not have a DHCP server. The Brisque software does not support DHCP.

If the site's network does not use DHCP, use the field service engineer laptop and a crossover cable to connect to the system.

### 6.2 Configuring sites with DHCP or with static DHCP

By default, the Proofer Controller uses DHCP to automatically obtain its network settings. Because of this, you don't need to change its network settings when you first install the Controller unit.

## 6.2.1 Finding the Proofer Controller's IP address

1. Open Proofer Administrator.  
If the Proofer Controller does not appear in Proofer Finder, open Proofer Administrator by name. In Proofer Finder, from the **Controller** menu, select **Administer by Name**, and type the computer name.
2. Click the **Controller** icon, and click the **Settings** tab to see the IP address.

## 6.2.2 Configuring static DHCP

If the site's DHCP server supports static DHCP, work with the network administrator to map the Controller's MAC address to a static IP address, subnet mask, and default gateway.

1. Using the monitor connected to the Proofer Controller, log on to Windows using the username `prooferAdmin` and the password `prooferAdmin` (case sensitive).
2. Click the **Start** menu, click **Run**, type `cmd`, and click **OK**.
3. In the Command window, type `ipconfig /all`, and then press Enter.
4. Write down the MAC address.  
This is the physical address of the network card.
5. Work with the network administrator to map the Proofer Controller's physical address to a static IP address on the site's network.

## 6.3 Configuring sites without DHCP

The Proofer Controller ships in DHCP mode. If the network at the site is not running a DHCP server, the Proofer Controller and proofer client will be unable to connect. To resolve this, change the Proofer Controller to use a static IP address.

### Requirements:

- Network settings from the site's network administrator—static IP address, subnet mask, and default gateway

The Proofer Controller ships in DHCP mode. If the site's network is not running a DHCP server when the Proofer Controller is connected to the network, it emits a tone followed by the audible voice message—**Warning: No DHCP server detected**. It repeats this message every 10 seconds until its network connection status changes, or the unit is turned off. The Proofer Controller also falls back into Automatic IP mode, taking an IP address in the 169.254.<x>.<x> range.

In this situation, because the Proofer Controller cannot obtain an IP address automatically, the proofer client cannot find it on the network. Therefore, for sites that do not use DHCP, you must change the Proofer Controller to use a static IP address.

1. On the Proofer Controller, log on to Windows using the username `prooferAdmin` and the password `prooferAdmin` (case sensitive).
2. On the Proofer Controller desktop, right-click **My Network Places**, and select **Properties**.
3. Right-click **Local Area Connection**, and select **Properties**.

4. Click **Internet Protocol (TCP/IP)**, and click **Properties**.
5. Select **Use the following IP Address**.
  - a. In the **IP address**, **Subnet Mask**, and **Default Gateway** boxes, type the numbers provided by the network administrator.
  - b. Double-check the **IP address**, **Subnet Mask**, and **Default Gateway** values. Make sure these values are correct and are entered correctly. If the values are incorrect, you will not be able to see the Proofer Controller on the network.
  - c. Click **OK**.
  - d. Click **Close** to exit the Local Area Connection Properties window.
6. To confirm that the network settings have taken effect, start the Kodak proofer client software. If Proofer Finder shows the proofer name, the settings have taken effect.

## 6.4 Opening Proofer Administrator

### 6.4.1 Opening Proofer Administrator

1. In Proofer Finder, in the **Proofer** list, select a proofer.
2. From the **Controller** menu, select **Administer**. Alternately, you can press the Ctrl key and double-click a proofer to display the password dialog box.
3. When prompted for the password, type `prooferAdmin`, and click **OK**.

If someone else has Proofer Administrator open, the system prompts you to send a message requesting to "obtain the lock," which—if the person at the other workstation agrees—allows you to open Proofer Administrator. If the other workstation does not respond within 15 seconds, Proofer Administrator opens.

### 6.4.2 Opening Proofer Administrator by IP address or logical name

If the client software and proofer are on different subnets, the proofer name may not appear in Proofer Finder. In this case, you can open Proofer Administrator using the Proofer Controller's IP address or logical name.

**Note:** Depending on how your network is set up, you may have to open the window with its IP address.

1. In Proofer Finder, from the **Controller** menu, select **Administer by Name**.
2. In the **Type the Name or IP Address of the Controller** box, type the IP address or name of the Proofer Controller that you want to connect to.
3. Click **OK**.
4. When prompted for the password, type `prooferAdmin`, and click **OK**.

If someone else has Proofer Administrator open, the system prompts you to send a message requesting to "obtain the lock," which—if the person at the other workstation agrees—allows you to open Proofer Administrator. If the other workstation does not respond within 15 seconds, Proofer Administrator opens.

## 6.5 Adding a license key

Before you can add the proofer to the Proofer Controller, you must add a license key.

### 6.5.1 Installing the dongle

**Requirements:**

- A license dongle

1. Plug the dongle into a USB port in the Proofer Controller.
2. Open Proofer Administrator.
3. Click the **Proofer** icon, and click the **Licenses** tab.
4. Click **Dongle ID**.
5. Write down the dongle ID number.

Depending on how you obtain a license key, you may need this number. You can copy and paste the dongle ID number.

### 6.5.2 Using PLAS with the Internet to license

When the Proofer Controller is connected to the Internet, you can use PLAS to obtain and install a license key.

#### **Obtaining and adding a license key with PLAS and the Internet**

Use Proofer Administrator with PLAS and the Internet to retrieve and add a license key to Proofer Controller.

**Requirements:**

- The Proofer Controller is connected to the Internet.
- The license key has been purchased from Kodak (if necessary).

You do not need to provide the dongle ID to retrieve the license key. PLAS (Product License Activation System) automatically detects the dongle ID and replaces the existing license.

1. Open Proofer Administrator.
2. In Proofer Administrator, click the **Controller** icon, and click the **License** tab.
3. Click **Get License**.  
Wait for a connection to be established with PLAS.
4. Select the **Register Product / Retrieve License** check box, and click **Next**.
5. Select the **Automatic license retrieval** check box, and click **Next**.

### 6.5.3 Using PLAS to manually add a license key

You can obtain a license key without using PLAS, and use PLAS to manually add the license key.

## Obtaining a license key from the License Key Generator

### Requirements:

- Access to the Kodak License Key Generator intranet Web site
- Dongle ID

1. Go to the Kodak License Key Generator intranet Web site at <http://productregistration.kodak.com/SearchKeys.aspx>.
2. Select **Permanent License**.
3. In **Dongle ID/Computer ID**, type the dongle ID to search for the license key.
4. In **Product**, click **Proofing Software**, and select **Kodak Proofing Software - Matchprint**.
5. Click **Search**.
6. In the results list, locate the customer name and the corresponding dongle ID. Click the license hyperlink.
7. Scroll down to the bottom of the window, and enter an e-mail address to which you can send and receive the license key file at the customer site, and click **Send Email**.
8. When you have the new license key file, save the file where this computer can access it.  
**Note:** Save the license in text format, not RTF (rich text format).

## Adding a license key with PLAS

### Requirements:

- A license key in text format
1. Open Proofer Administrator.
  2. In Proofer Administrator, click the **Controller** icon, and click the **License** tab.
  3. Click **Get License**.  
Wait for a connection to be established with PLAS.
  4. Select the **Load license key from a file** check box, and click **Next**.
  5. Click **Browse**, locate and select the license key, and click **Upload**.  
After the Proofer Controller restarts, the licensed features will be available.

## 6.5.4 Using Kodak eCentral to license

When the Proofer Controller is connected to the Internet, the PLAS licensing server can be accessed using Kodak eCentral.

### Obtain a license from Kodak eCentral

A license can be obtained by accessing PLAS using your Kodak eCentral account.

**Requirements:** Internet Access, Kodak eCentral Account

1. Go to Kodak eCentral portal at <https://ecentral.kodak.com/>
2. From the home page click **Self Support**.
3. Click **Product Registration and Self-Support**.
4. Click **Register products**.

5. Enter your Kodak Proofing Software dongle id.  
Your dongle id must be entered in two places:
  - **Product serial number**
  - **Dongle ID or computer ID**
 A list of products registered to your dongle id appear.
6. Select **Kodak Proofing Software - Matchprint v5.1**.
7. Select **Download the license key**.
8. Download the xml file and install in Kodak Proofing Software.

## 6.6 Connecting an Epson Stylus Pro printer

### Requirements:

- The software must be licensed.
- The printer driver must be installed.

**Note:** If you want to use the Epson Stylus Pro 7700, 9700, 7900, WT7900, 7890, 9890 or 9900 printer for double-sided printing, and you want to use the printer's firmware feature to automatically read the sheet position, you must connect the printer via a network to Kodak Proofing Software. A USB connection does not support this feature. You must also configure the firmware. For more information, see the *Matchprint Inkjet and Kodak Proofing Software Double-Sided Media Guide Installation Guide* for your proofer model.

1. Perform one of the following actions:

For this connection	Do this
USB connection	<ol style="list-style-type: none"> <li>1. Insert the proofer's USB cable into the Proofer Controller.</li> <li>2. Use the monitor to view the Proofer Controller desktop. If the Windows operating system displays the Add Printer wizard, click <b>Next</b> and follow the on-screen prompts in the Add Proofer wizard to add a proofer.</li> <li>3. Go to step 4.</li> </ol>
Network connection	Connect the proofer to the network. The printer must be on the same subnet as the Proofer Controller.

2. In the Proofer Administrator, click the **Controller** icon, and click the **Proofers** tab.
3. Click **New** and follow the on-screen prompts in the Add Proofer wizard to add a proofer. After adding a proofer, the Proofer Controller restarts automatically.
4. On the **Proofers** tab, select the proofer and click **Enable**.
5. On the **Software** tab, make sure the software running the proofer is running. If the status indicates the software is stopped, click **Restart** to start the software.

## 7 Setting up spectrophotometers

### 7.1 Enabling the Keyspan adapter drivers (for Mac workstations)

Keyspan adaptor drivers are needed only if you plan to run a spectrophotometer on this system through a serial cable that is connected to a Mac workstation. Keyspan adaptor drivers are not needed if your spectrophotometer uses a USB connection, or if you use an inline spectrophotometer.

If you installed the Keyspan adapter drivers on your Mac workstation, enable the serial ports for the Keyspan adapter drivers.

**Note:** The USA 28X model does not work with the Intel-based Mac computer.

1. From the **Apple** menu, click **System Preferences**.
2. Click **Network**.
3. In the Network window, from the **Show** list, select **Network Port Configurations**.
4. Ensure that the **USA19H81P1**, **USA28X2P1**, and **USA28X2P2** ports are selected.
5. If you made any changes, click **Apply Now**, and then quit **System Preferences**.

### 7.2 Installing the driver for offline spectrophotometers (new spectros only)

Install the driver before you connect the offline spectrophotometer. Spectrophotometers are used to calibrate the proofer, create custom media configurations, and measure color bars for the Certified Process for Color Confirmation.

- Follow the wizard instructions to install the driver from the disc that is provided with the spectrophotometer. Install the driver on the computer to which you will connect the spectrophotometer.





## 8 Setting up label printers

### 8.1 Label printers

The Dymo LabelWriter is the device that prints the labels that are required for the Certified Process for Color Confirmation.

The system currently supports the Dymo Labelwriter 400 and 450 using a USB connection and the following label sizes:

- 14 mm × 89 mm (9/16 in. × 3.5 in.)
- For the backside of the media (if using double-sided media), 28 mm × 89 mm (1 1/8 in. × 3.5 in.)

To order more labels, contact the Dymo dealer in your area (<http://www.dymo.com>).

**Note:** Epson Stylus Pro 4900, 7900, WT7900, 7890, 9890 and 9900 printers with inline spectrophotometers can automatically print label content on the proof. With these printers, you do not need to use the label printer to print labels. Use the layout to specify whether you want the Epson Stylus Pro printer or the label printer to print labels.

### 8.2 Installing label printers for offline spectrophotometers

When you use an offline spectrophotometer to measure color bars for the Certified Process for Color Confirmation, you can connect the label printer to either the Proofer Controller or the client workstation. Use the hardware that is closest to where you measure color bars, and use Proofer Administrator to identify where you connected the label printer.

1. Follow the wizard instructions to install the printer driver from the disc that is provided with the Dymo Labelwriter. Install the printer driver on the computer to which you will connect the Dymo Labelwriter.
2. Use the power cord to connect the label printer to the main power supply.
3. Use the USB cable to connect the label printer to the Proofer Controller or the client workstation, where you will measure color bars.
4. Open Proofer Administrator.
5. Click the **Proofer** icon, and click the **Settings** tab.
6. In the **Label Type** list, select the type of label printer you are using.
7. In the **LabelWriter connected to** list, identify where you connected the label printer.
8. Click **Apply**.

For more information, see the documentation provided with the label printer.

### 8.3 Installing label printers for inline spectrophotometers

When you use a printer with an inline spectrophotometer to measure color bars for the Certified Process for Color Confirmation, connect the label printer to the Proofer Controller.

**Note:** Epson Stylus Pro 4900, 7900, WT7900, 7890, 9890 and 9900 printers with inline spectrophotometers can automatically print label content on the proof. With these printers, you do

not need to use the label printer to print labels. Use the layout to specify whether you want the Epson Stylus Pro printer or the label printer to print labels.

1. Follow the wizard instructions to install the printer driver from the disc that is provided with the Dymo Labelwriter. Install the printer driver on the computer to which you will connect the Dymo Labelwriter.
2. Use the power cord to connect the label printer to the main power supply.
3. Use the USB cable to connect the label printer to the Proofer Controller or the client workstation, where you will measure color bars.
4. Open Proofer Administrator.
5. Click the **Proofer** icon, and click the **Settings** tab.
6. In the **Label Type** list, select the type of label printer you are using.
7. In the **LabelWriter connected to** list, identify where you connected the label printer.
8. Click **Apply**.

For more information, see the documentation provided with the label printer.

## 9 Setting up Kodak Proofing Software

### 9.1 Downloading configuration files from eCentral

ICC profiles, ICC device link profiles, and media configurations for Matchprint Inkjet proofers are posted on the eCentral portal.

ICC profile, ICC device link profile, and media configuration downloads are packaged into configuration files for each proofer model. You can search, download, and install configuration files by proofer model.

1. Go to eCentral (<https://ecentral.kodak.com/>).
2. At the top of the navigation bar, click **Self Support**, and then click **Downloads**.
3. In the **Product** list, select **Matchprint Inkjet**.
4. In the **Download Type** list, select **Configuration files**, and click **Go**.
5. Click the proofer model, and locate the configuration file for the media that you want to use. Ensure that the media configuration file is compatible with your version of Kodak Proofing Software.
6. Click the configuration file to download it. If necessary, enter your Kodak user name and password.
7. Save the configuration file to your desktop.

### 9.2 Installing configuration files

Install configuration files in Kodak Proofing Software to add new files to your system or to update your system with the latest files.

Do not manually extract and install the configuration files. You must use the following procedure to install them. Each time you add a new proofer to the system, you must reinstall the configuration files because they are excluded from the default settings.

1. In Proofer Administrator, click the **Controller** icon, and click the **Software** tab.
2. Click **Install**.
3. Locate the configuration file, select it, click **Open**, and then click **Install**.

When the installation is complete, the installer displays a message that indicates the files were installed successfully.

### 9.3 Opening Proofer Viewer

### 9.3.1 Opening Proofer Viewer

From Proofer Finder, you can open Proofer Viewer for any proofer (or multiple Proofer Viewer windows for the same proofer, if desired).

- In Proofer Finder, double-click a proofer in the **Proofer** column.

### 9.3.2 Opening Proofer Viewer by IP address or logical name

If the client software and proofer are on different subnets, the proofer name may not appear in Proofer Finder. In this case, you can open Proofer Viewer using the Controller's IP address or logical name.

**Note:** Depending on how your network is set up, you may have to open the window with its IP address.

1. In Proofer Finder, from the **Proofer** menu, select **Open by Name**.
2. In the **Type the name or IP address of the controller to which the proofer is connected** box, type the name or IP address of the controller to which the proofer is connected, and click **OK**.
3. When two or more proofers are connected to the Proofer Controller, select the proofer that you want to view. Select the proofer for which you want to open Proofer Viewer, and click **OK**.

Proofer Viewer opens.

## 9.4 Calibrating the proofer

### 9.4.1 Calibration tips for Epson Stylus Pro printers

Keep the following in mind when calibrating:

- Unless the proofer includes an inline spectrophotometer, connect an offline spectrophotometer to the client workstation. Both unfiltered and UV-filtered spectrophotometers are supported.
- For the Precision Color Calibration wizard, it is recommended that you use an automated chart reader, such as the X-Rite i1iO Automated Chart Reader, to reduce the calibration time.
- Before calibrating, print a nozzle check pattern following the instructions in your *Epson Printer Guide*, and check that the nozzle check pattern shows no missing dots.
- If you need to adjust the paper feed, see *Media Configuration Wizard Paper Feed Adjustment* in the Help.
- The WT7900 printer does not support all spectrophotometers. See the WT7900 *Getting Started Guide* for a table of supported spectrophotometers.

### 9.4.2 Calibrating Matchprint Inkjet proofers

For best results, calibrate the Matchprint Inkjet proofer for the media configuration. You must calibrate the proofer to be able to use the Certified Process for Color Confirmation.

The calibration process can take up to an hour or more, and the printer cannot perform any other function until calibration is complete.

1. In Proofer Viewer, click **Calibration**.
2. Select the media configuration for the media that is loaded on the proofer.
3. Click **Calibrate**.
4. Follow the instructions in the Calibration wizard.

### 9.4.3 Uncalibrated printing

You can use Kodak Proofing Software to print proofs without first calibrating the proofer for the media configuration. Uncalibrated proofers should not be used for color-critical proofs. However, some proofs are not color-critical and do not require a calibrated proofer.

**Note:** The Certified Process for Color Confirmation requires a proofer that is calibrated for the media configuration that is used to print the proof, and the calibration must be current, not expired.



## 10 Configuring input mechanisms

In order to submit files to the printer, you must set up an input mechanism. You can use a workflow system such as Prinergy or Brisque software to submit files. If you have the Open Connectivity Kit, you can submit files through one of the workflow systems or through hot folders or virtual printers.

### 10.1 Input mechanisms for Brisque and Prinergy

Configuring the proofer to accept jobs from workflow software is described in the following documents:

- Prinergy Workshop and Kodak Proofing Software Connectivity User Guide
- Prinergy Evo and Kodak Proofing Software Connectivity User Guide
- Brisque 5.x and Kodak Proofing Software Connectivity User Guide
- Brisque 4.1 and Kodak Proofing Software Connectivity User Guide

**Note:** Applications of the Epson Stylus Pro WT7900 printer using white ink can only be used with Kodak Proofing Software Open Connectivity workflow. Prinergy and Brisque workflow systems will convert spot white to process.

You can find all of these documents on the Connectivity page of the Kodak Proofing Software Web site on TechPlanet.

### 10.2 Using hot folders and virtual printers

#### 10.2.1 Hot folder and virtual printer compatibility

**Note:** Kodak Proofing Software 5.x and later requires Mac OS X version 10.5 with Sun Java 1.5 or Mac OS X version 10.6 with Java 1.6 or later. However, you can still submit files to Kodak Proofing Software from other workstations with different operating systems.

Proofer Controller operating system	Workstation operating system*	Hot folder	Virtual printer	
			AppleTalk	IP/LPR
Microsoft Windows XP operating system	Mac OS X	×		×
	64-bit Windows	×		
	32-bit Windows	×		×
Microsoft Windows Server 2003 operating system	Mac OS X	×	×	×
	64-bit Windows	×		
	32-bit Windows	×		×

× Hot folders or virtual printers are supported.

\* *Workstation operating system* does not necessarily mean the operating system on which the proofer client software is installed. Rather, it describes the operating system from which you will submit jobs.

\*\* Requires a third-party interconnect product

## 10.2.2 PS/M with PDF2Go

If the site wants to use PS/M with PDF2Go, ensure the site has a PDF2Go license (501R49694, PS/M PDF2Go Software Module).

- If the site is using Mac OS 9, you need PS/M version 7 and third-party cross-platform file- and print-sharing software.
- If the site is using Mac OS X, you need PS/M version 8.

When setting up hot folders, on the **ICC Settings** tab, **Input File Color Space** area, select **Separated Input**. During the refine process, there will be four warning messages about color matching, one message for each color. You can ignore these warning messages.

For more information about using the **ICC Settings** tab, see *Understanding the ICC Settings Tab* in the Help.

## 10.2.3 File and folder-naming best practices

When naming input files or folders, do not use any of the following characters.

- Do not use the + - \ / | < > [ ] { } ? . , ! @ # \$ % ^ & \* ( ) = : ; ' " characters in file names.
- Do not use spaces, including trailing spaces, in your file names.
- Use a period (.) only when using file name extensions—for example, `readme.txt`.
- Do not use file names longer than 32 characters.

## 10.2.4 Downloading and installing source profiles

If you are using Kodak Proofing Software with the Open Connectivity Kit and a custom media configuration, you can access source profiles that are provided by Kodak but that are not included in Kodak Proofing Software. You may want to use one of the source profiles with your custom media configuration.

1. Go to eCentral (<https://ecentral.kodak.com/>).
2. Log on and select **Self Support > Downloads**.
3. In the **Choose a product** list, select **Kodak Proofing Software**.
4. In the **Select a download type** list, select **All**, and click **Go**.
5. Under **View only results for**, click **Source Profiles**.
6. Locate the source profile file for your proofer and version of Kodak Proofing Software, and download it to a location that you can access with Kodak Proofing Software.
7. In Proofer Administrator, on the **Software** tab, click **Install**, locate the source profile file, and click **Install**.



## 10.2.5 Creating hot folders

### Creating a hot folder for jobs with CMYK and spot colors

You can create a hot folder for processing jobs that contain CMYK and spot colors and that will be printed on inkjet proofers. The hot folder uses a specific color library and ICC profile to reproduce spot colors on proof.

1. In Proofer Viewer, from the **Configure** menu, select **Hot Folders/Virtual Printers**.
2. In the Hot Folders/Virtual Printers dialog box, click **New**.
3. Ensure that the **File Input Type** is **Hot Folder**.
4. Set the following options:
  - a. Select the **Media Configuration** and **Layout** options to suit your workflow.
  - b. In the **Halftone Handling** list, select **None**.
  - c. In the **Color Handling** list, select **CMYK With Spots Press is Final Output**.
  - d. Click **Next**.

The Process Settings dialog box appears.

5. Click the **Spot Colors** tab, and select a spot color library.
6. Click the **ICC Settings** tab, and set the following options:
  - a. Select **Use ICC Profile Color Management**.
  - b. In the **Input File Color Space** area, click **Advanced**, and set the options in the **Overprinting Objects** area.
  - c. Select **Simulation Color Space**, click **Advanced**, and then select profiles for the color space that you want the proofer to simulate.
7. Set the remaining options as desired.
8. Click **Save**.

**Next:**

Expose the hot folder.

### Exposing a hot folder on a Mac workstation

To submit jobs to a hot folder on a Mac OS X workstation, you first must expose the hot folder (which resides on the Proofer Controller) on that workstation.

Some operating systems cannot communicate with hot folders and virtual printers.

1. On the Mac workstation, from the **Finder** menu, choose **Go > Connect to Server**.
2. In the **Address** box, type `smb://<ControllerName>/hotfolders/`, where `<ControllerName>` is the name of the controller, as shown in Proofer Finder.

**Note:** If the Proofer Controller computer is on a different subnet, you may need to include the domain name, which is usually `Proofers`. If this domain name does not work, contact your network administrator.

3. Click **Continue**.
4. If the Connect to `<ControllerName>` dialog box appears, type `proofer` in both the **User Name** and **Password** boxes. Click **OK**.

The `Hotfolder` directory opens, listing the names of all hot folders configured for that proofer.

5. Create a shortcut to the required hot folder by dragging it to the desktop.

### Exposing a hot folder on a Windows-based workstation

To submit jobs to a hot folder on a Windows-based workstation, you first must expose the hot folder (which resides on the Proofer Controller) on that workstation.

Some operating systems cannot communicate with hot folders and virtual printers.

1. Open **My Network Places** and locate the proofer on the network. (Kodak proofers are usually in the Proofers work group.)
2. If the Connect to <ControllerName> dialog box appears, type `proofer` in both the **User Name** and the **Password** boxes. Click **OK**.
3. Locate the `HotFolders` directory.
4. Right-click the hot folder to which you want to submit jobs, and click **Create Shortcut**.
5. Drag the shortcut to a convenient location, such as the desktop.

## 10.2.6 Creating virtual printers

### AppleTalk or IP printing (LPR) print driver

Instructs the virtual printer which print driver to use, AppleTalk or IP Printing (LPR). An IP Printing (LPR) driver processes files faster than an AppleTalk driver. Keep in mind that certain operating systems cannot connect to an AppleTalk print driver, and some cannot connect to an IP Printing (LPR) print driver.

### Adding a PPD file to a Mac OS X workstation

A Adobe PostScript printer description (PPD) is a file that describes the attributes of a particular printer type to the submitting workstation. Before you can submit a file via a virtual printer, a PPD file must be in the appropriate location on that workstation. This needs to be done only once per workstation.

1. Locate (or create) a PPD file for the type of printer that you are using.
2. On your workstation, locate the `//Library/Printers/PPDs/` folder, and create a folder named `Kodak`.  
**Note:** The two forward slashes (`//`) indicate the highest level of the disk (also called “root”).
3. Copy the PPD file to the new folder.

### Creating a hot folder or virtual printer

Creating a hot folder or virtual printer has two steps—creating and configuring the hot folder / virtual printer, and exposing the hot folder or publishing the virtual printer to the workstation that will be submitting files. You can create as many hot folders or virtual printers as you need.

Some operating systems cannot communicate with hot folders and virtual printers.

1. In Proofer Viewer, from the **Configure** menu, select **Hot Folders/Virtual Printers**.
2. Click **New**.

3. In the **Name** box, type a name for the hot folder or virtual printer.

**Note:** If you plan to publish a virtual printer on a Windows-based workstation, the name cannot contain spaces.

4. Perform one of the following actions:

To create	Do this
A hot folder	Select <b>Hot Folder</b> .
A virtual printer	Select <b>AppleTalk</b> or <b>IP Printing (LPR)</b> .

5. Set the **Media Configuration**, **Layout**, **Halftone Handling**, and **Color Handling** options to suit your workflow, and click **Next**.  
Configure these settings with care because they automatically configure the next dialog box, the Process Settings dialog box.
6. In the Process Settings dialog box, set options as needed:
  - a. On the **Input Files** tab, select options as needed.
  - b. On the **Spot Colors** tab, confirm that the settings match the needs of your workflow.
  - c. On the **ICC Settings** tab, in the **Input File Color Space** list, choose the color set that best suits your region and workflow. To customize or view this color set, click **Advanced**.
  - d. In the **Simulation Color Space** list, choose the color set option that best suits the color space that you're trying to simulate. To customize or view this color set, click **Advanced**.
  - e. In the **Proofer Color Space** section, ensure the proofer profile is correct. To change the proofer profile, click **Advanced**.
  - f. (Kodak Approval only) On the **Screening** tab, set the screening and tonal calibration curve options.
  - g. On the **Output Settings** tab, set the options as needed.
7. Click **Save**.
8. Close the Hot Folders / Virtual Printers dialog box.

**Next:**

Expose the hot folder or publish the virtual printer.

## Publishing an LPR virtual printer on a Mac OS X workstation

After you create a virtual printer, you can add it to any number of workstations, so that operators at those workstations can submit jobs from their desktop software.

**Requirements:**

To complete this procedure, you need the IP address of the Proofer Controller and the exact name of the virtual printer that you want to publish to.

Some operating systems cannot communicate with hot folders and virtual printers.

1. Perform one of the following actions:

Option	Description
For Tiger (Mac OS X 10.4):	<ol style="list-style-type: none"> <li>1. On the Mac computer, open the <b>Print Center</b>.</li> <li>2. In the Printer List dialog box, click <b>Add</b>.</li> <li>3. In the Printer List dialog box, in the top list, select <b>IP Printing</b>.</li> <li>4. In the <b>Printer Type</b> list, select <b>LPD/LPR</b>.</li> </ol>
For Leopard (Mac OS X 10.5):	<ol style="list-style-type: none"> <li>1. On the Mac computer, from the <b>File</b> menu, select <b>Print</b>.</li> <li>2. In the <b>Printer List</b>, select <b>Add Printer</b>.</li> <li>3. In the row of icons, click <b>IP</b>.</li> <li>4. In the <b>Protocol</b> list, select <b>Line Printer Daemon - LPD</b>.</li> </ol>

2. In the **Printer Address** box, type the IP address of the Proofer Controller.
3. In the **Queue** or **Queue Name** box, type the exact name of the virtual printer that you just created.
4. In the **Printer Model** or **Print Using** list, click **Other**.
5. In the Choose a File dialog box, locate the directory where you saved the PPD file.  
If you installed the PPD file using the directions from this help system, the PPD file should be located at `//Library/Printers/PPDs/Kodak/`. The two forward slashes (//) indicate the highest level of the disk (also called "root"). Make sure that this is where you are looking.
6. Select the PPD file for your proofer, and click **Choose**.
7. Click **Add**.
8. From your desktop software program (for example, QuarkXPress), print directly to the virtual printer that you just configured.

## Publishing an IP virtual printer and adding a PPD file on a Windows workstation

After you create a virtual printer, you can add it to any number of workstations so that operators at those workstations can submit jobs from their desktop software.

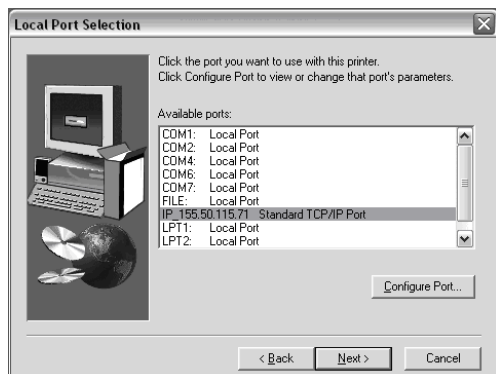
### Requirements:

- The LPR port exists on the workstation.
- The exact name of the virtual printer that you want to publish to. The name must not contain spaces.
- A PPD file for the proofer
- The Adobe Universal PostScript Windows Driver Installer 1.0.6, a free download from the Adobe Web site (<http://www.adobe.com/support/downloads/product.jsp?product=44&platform=Windows>)

**Note:** In this procedure, whenever you are given an option to restart the computer, select restart.

Some operating systems cannot communicate with hot folders and virtual printers.

1. Start the Adobe Universal PostScript Windows Driver Installer that you downloaded. Click **Next**, and then click **Accept**.
2. Select **It is directly connected to your computer (Local Printer)**, and click **Next**.
3. In the Local Port Selection dialog box:
  - a. Select the LPR port for the virtual printer.
  - b. Click **Next**.



4. In the Select Printer Model dialog box, click **Browse**.
5. Locate and select a PPD file for the proofer, and click **OK**.
6. In the Select Printer Model dialog box, ensure the Matchprint Inkjet proofer is selected, and click **Next**.
7. In the Sharing dialog box, perform one of the following actions, and click **Next**.

To	Do this
Keep the virtual printer local	Select <b>Not Shared</b> .
Share the virtual printer on the network	Select <b>Shared</b> .

8. In the Printer Information dialog box:
  - a. In the **Printer Name** box, type the name of the virtual printer.
  - b. For **Would you like to print the test page?**, select **No**.
  - c. Click **Next**.
9. In the Setup Information dialog box, click **Install**.
10. In the Printer Configuration dialog box, select **No**, and click **Next**.
11. In the Setup Complete dialog box, clear the **Yes, I want to view the ReadMe file** check box, and click **Finish**. If you are given an option to restart the computer, select restart.

## Publishing an AppleTalk virtual printer on a Mac OS X workstation

After you create a virtual printer, you can add it to any number of workstations so that operators at those workstations can submit jobs from their desktop software.

Some operating systems cannot communicate with hot folders and virtual printers.

1. Ensure that a PPD file is installed on the workstation where the proofer client software is installed. If there are already virtual printers on the workstation, then you can assume that a PPD file is installed.
2. From the Mac OS X desktop, open the **Print Center**.
3. In the Print Center dialog box, double-click **Add**.
4. In the Printer List dialog box (first box), choose **AppleTalk**.
5. In the second box, choose the **AppleTalk zone** where the proofer resides.
6. In the **Name** column, choose a virtual printer.
7. In the **Printer Model** box, click **Other**.
8. In the Choose a File dialog box, locate the directory where you saved the PPD file.  
If you installed the PPD file using the directions from this help system, the PPD file should be located at `//Library/Printers/PPDs/Kodak/`. The two forward slashes (`//`) indicate the highest level of the disk (also called "root"). Make sure that this is where you are looking.
9. Select the PPD file for your proofer, and click **Choose**.
10. Click **Add**.
11. From your desktop software (for example, QuarkXPress), print directly to the virtual printer that you just configured.

### 10.2.7 Submitting a file to a hot folder

After a hot folder is set up, you can submit files to the proofer by dragging each file individually onto the hot folder that is exposed on the workstation.

**Requirements:** A hot folder exists and is exposed on your workstation.

- From your workstation, drag the files to the hot folder.

### 10.2.8 Submitting files to a virtual printer

If everything is set up correctly, you can submit a job to the proofer via a virtual printer by selecting **Print** from desktop software on your workstation.

**Requirements:** A virtual printer exists and is published.

- From your desktop publishing software (for example, QuarkXPress), print to the virtual printer that you just configured.

## 10.3 Manually backing up the system

Any time that you change the Controller settings, create a system backup.

1. In the Proofer Administrator, click the **Controller** icon, and click the **Backup** tab.
2. Click **Backup**.
3. In the Choose Directory to Save dialog box, select a location for the Kodak Proofing Software backup file, and click **Save**.

## 10.4 Kodak RSS client software

The IT technician at the customer site, who is qualified to reconfigure the site's network and firewall settings, should set up the Kodak RSS client software. The client software should already be installed on the Proofer Controller.

The Kodak Remote Support System (RSS) is an infrastructure that is used to connect to and support Kodak customers' equipment. RSS provides connectivity management, diagnostic tools, per-site equipment information, automated support tasks, and basic support management features. RSS is used to provide remote support.

**Note:** Kodak Proofing Software 4.2.0 and later includes version 2.2 of Kodak RSS client software. Version 2.2 of RSS client software automatically updates itself. If necessary, you can download the most recent version of the RSS client software from eCentral and install it. Go to the eCentral portal and download the .exe file.

During the setup process, the IT technician contacts a Kodak service representative to register the RSS client, and tests the RSS connection. The IT technician must have access to e-mail during the setup process in order to receive a registration file.

For more information, contact a Kodak service representative, or go to the eCentral portal and download the *Kodak Remote Support System—RSS VPN* document.





# 11 Troubleshooting

## 11.1 Troubleshooting general network problems

If the new network settings failed, Proofer Finder does not show the proofer that you just installed, and the Proofer Controller continues to emit the audible voice message `Waiting for any connection to confirm network settings` every 10 seconds. There may be a problem with the IP address and/or subnet mask. Follow these steps:

1. Verify the correct IP address and subnet mask with the network administrator.
2. Disconnect the Proofer Controller from the network.
3. Restart the Proofer Controller to return to the factory DHCP settings.

## 11.2 Troubleshooting license problems

A license might be rejected for one of the following reasons:

- The text file format is RTF.
- The file contains extra data content.
- The system already had an emergency license installed.
- The text editor cannot distinguish between em and en dashes.

### The text file is RTF

If you open the text file using the TextEdit software on a Mac computer, the default file format is RTF. This format adds additional information that the Proofer Controller cannot read. Change the file format to plain text.

From the **Format** menu, select **Make Plain Text**. Click **Save**.

### The file contains extra data content

If you copy and paste the license key text information from a text or XML file and include any extra data, the import will fail. The correct data should include only hyphen-separated alphanumeric data. If any of the data in the string appears to be natural language data, for example a date string, then you must remove that data.

### The system already had an emergency license installed

If you had an emergency license installed on the controller, even if that license is now expired, for the system to work properly, you must remove that license before installing a new one. You may experience unexpected problems, such as not being able to enable an existing proofer or start a service on the controller. The problems are due to the old license still being available on the system.

To remove an old license, go to the **License** tab in the Proofer Administrator, select the license key that you want to delete, and click **Remove**.

### **The text editor cannot distinguish between em and en dashes**

If the text editor that was used cannot distinguish between em and en dashes, the license key text file can become corrupt. Replace the dashes in the license key text file with the minus sign on your keyboard.

## **11.3 Troubleshooting hot folders**

### **Unable to mount hot folders on a Mac client computer**

You need to enable the NETBIOS setting in the Proofer Controller Windows network settings to enable Samba access to shares on the Proofer Controller.

1. On the Proofer Controller desktop, right-click **My Network Places**, and click **Properties**.
2. Right-click **Local Area Connection**, and click **Properties**.
3. Click **Install**.
4. Select **Protocol**, and click **Add**.
5. Select **NETBIOS Compatible Transport Protocol**, and click **OK**.
6. Restart the Proofer Controller.

## A Proofer client operation on different subnets

Auto discovery of workflow servers is achieved through multicasting. Multicasting travels over TCP/IP. If the Kodak proofer client software resides on a different subnet than the workflow server, the following commands must be placed on the router. These instructions are valid only for the Cisco 2600 and 3600 series routers. For other models, see the user documentation for multicasting across subnets.

Procedure step	Command	Purpose
Step 1	<code>Router(config)# interface ethernet &lt;slot&gt;/&lt;port&gt;</code>	Configure the physical interface for transmitting multicast packets.
Step 2	<code>Router(config-if)# ip address &lt;address&gt; &lt;subnet-mask&gt;</code>	Assign the IP address and subnet mask for the interface.
Step 3	<code>Router(config-if)# ip pim sparse-dense-mode</code>	PIM should always be configured for sparse-dense-mode.
Step 4	<code>Router(config-if)# ip sap listen</code>	Listen to packets of session announcement protocol (SAP).
Step 5	<code>Router(config-if)# ip igmp join-group &lt;address&gt;</code>	The address in this command must match the multicast address (session target) for the session.
Step 6	<code>Router(config-if)# no shutdown</code>	Enable the interface.

