

Matchprint Virtual

for InSite Prepress Portal and Kodak PressProof

Version 5.0

Staff Quick Start Guide

English

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What Is Matchprint Virtual?

Kodak® Matchprint® Virtual software allows users who run Apple® Mac OS® X systems with an approved, calibrated color monitor to perform color-accurate proofing in the Kodak InSite™ Smart Review or Kodak PressProof™ software. This document explains how to install the Matchprint Virtual software, set color targets, adjust monitor settings, and configure the InSite Prepress Portal or PressProof system for soft color proofing.

The steps are:

- Assign color targets to InSite Prepress Portal jobs and/or pages—see page 1.
- Install Matchprint Virtual monitor calibration software on your Apple® Macintosh® computer, and connect the calibrator—see page 3.
- Set system preferences—see page 3.
- Calibrate the color monitor—see page 5.
- Set monitor luminance levels—see page 5.
- Prepress Portal systems:
  - ❒ Ensure that you have color user rights—see page 7
  - ❒ Review, annotate, and approve color-managed pages in Smart Review—see page 8.
- PressProof systems:
  - ❒ Install PressProof software—see page 9.
  - ❒ View surfaces and pages for color accuracy—see page 9.

Software/Hardware Requirements

You must use an approved and calibrated Macintosh system to ensure color-accurate viewing. For the latest hardware and software requirements, see the *Matchprint Virtual 5.0 Release Notes*, available under **Product Documentation** at http://graphics.kodak.com/matchprintvirtual/.

Setting Color Targets in the Prepress Portal Software

A Prepress Portal color target matches the monitor's color space to the color capabilities of your hard copy proofer. When you view a color-managed page in Smart Review, the Prepress Portal system uses the target to convert the color on your screen so that you see what the page will actually look like on press.

ICC color profiles are installed on the Prepress Portal server and imported as color targets. For more information about color targets, contact your system administrator.

Staff users can apply a color target to a job using the job's **Edit Properties** view, or they can apply a color target to a page or pages when setting their status to Approval Required.

Note: Color targets can also be part of a template job. For information on using job templates in Prepress Portal, see the Prepress Portal Help.

To set a default color target for a Prepress Portal job:

By default, all pages in a job use the color target set in that job. The following steps explain how to set a color target for a job or to change the color target.

1. Log on to Prepress Portal as a staff user.

   Note: Prepress Portal users must have Color Management user rights to set a color target.

2. To assign a color target to a specific job only, at on the **Summary** tab for the job, click **Edit Properties**.
3. Click **Use Matchprint Virtual**.
4. Choose a color target from the list of available targets.

   Note: A color target cannot be assigned to a job if the job's status has been set to Complete.

5. If you want to enforce color approval of pages in this job, click **Require Color Approval**.

   When this option is selected, any user who approves a page in the job will be required to calibrate the monitor and check the page for color in Smart Review. If the monitor calibration is not done, the user will be unable to change page status to Approved.

6. Click **Update**.
7. Click **X** to log out of Prepress Portal.

To set a color target for a page or set of pages:

The page color target overrides the default job color target. A color target can only be assigned to a page when its status is being changed to Approval Required.

1. Log on to Prepress Portal.
2. On the **Pages** tab for the job, click **Select** under the pages for which you want to set a color target.
3. Select **Set Color Target** from the Operations Palette on the right.
4. Click **Use Matchprint Virtual**.
5. From the menu, select a color target.
6. If you want the pages to be approved for color accuracy, click **Require Color Approval**.
7. Click **Set Color Target**.
8. Click **X** to log out of Prepress Portal.

For more information about using Prepress Portal, refer to the Prepress Portal Help.

Installing Matchprint Virtual Calibration Software

Before you view color-accurate pages or surfaces, you need to be sure that your monitor can consistently display a standard quality of color. Use only a qualified EIZO ColorEdge® or Apple Cinema Display™ color calibration monitor—for a list of qualified monitors, see the *Matchprint Virtual 5.0 Release Notes,* available under **Product Documentation** at http://graphics.kodak.com/matchprintvirtual/.

Matchprint Virtual calibration software runs the monitor through a sequence of color patches, measures each color, compares it to predefined color settings, and records the results.

Install the latest version of Matchprint Virtual calibration software on each Macintosh computer that will be used to perform monitor proofing.

Note: If you are using PressProof software, you cannot start the software unless Matchprint Virtual calibration software is already installed.

If you have version 3.2 of Matchprint Virtual calibration software installed, you must remove it first—see *Removing Matchprint Virtual Calibration Software* on page 12.

To install the latest Matchprint Virtual calibration software:

1. Log on to the Macintosh computer as an Administrator.
2. Open a Web browser and locate the Matchprint Virtual Web site at http://graphics.kodak.com/matchprintvirtual
3. Download the Matchprint Virtual software and all updates to your Macintosh desktop.
4. Double-click the installer icon and follow the prompts to complete installation of the software.
5. Restart your computer.
6. Double-click any updater icon and follow the prompts to complete installation of the updates.
7. Restart your computer.
8. Connect the calibrator to the USB port on the computer or monitor, or to a self-powered USB hub.

   Important: Do not use the USB port located on the keyboard.

To use the calibration software, see *Calibrating Color Monitors* on page 5.

Setting System Preferences

If your computer system is running the Energy Saver feature, or your screen saver is set to start frequently, you need to adjust the settings so that they do not interfere with monitor calibration.

Configuring the Energy Saver

The Energy Saver feature puts your computer and your monitor into sleep mode whenever they are inactive for a defined period of time. It can also be set to start your computer automatically each working day.

If the Energy Saver shuts down your monitor and it stays off for more than five minutes, you must wait an hour for it to warm up before you can calibrate. To avoid the wait, ensure that the sleep mode is disabled. You may also want to set the Energy Saver to start the computer each working day at least an hour before you expect to calibrate.

To configure the Energy Saver:

1. From the **Apple** menu, select **System Preferences**.
2. Click **Energy Saver**.
3. If the lock at the bottom of the Energy Saver window is closed, it must be unlocked before changes can be made. Click the lock and enter the administrator username and password to unlock it.
4. Under **Put the computer to sleep when it is inactive for:**, set the sliding scale to **Never**.
5. Under **Put the display to sleep when the computer is inactive for:**, set the sliding scale to **Never**.

   Important: Matchprint Virtual software will not calibrate a monitor if it detects an Energy Saver setting other than Never.
6. Ensure that the check box beside **Put the hard disk(s) to sleep if possible** is cleared.
7. Click **Schedule**.
8. Select the check box beside **Start up or wake**.
9. From the menu, select a day or days. Beside **at**, type a time of day.
10. Click **OK**.
11. Click the lock to prevent anyone else from changing the settings.
12. Close the Energy Saver window.

Configuring Screen Savers

You must prevent your screen saver from launching during calibration and interfering with measurement.

To configure a screen saver:

1. From the **Apple** menu, select **System Preferences**.
2. Click **Desktop & Screen Saver**.
3. Click the **Screen Saver** tab.
4. Select a screen saver.
5. Under **Start screen saver**, set the sliding scale to at least 1 hour 30 minutes.
6. Close the Desktop & Screen Saver window.

Calibrating Color Monitors

After you have installed the Matchprint Virtual calibration software, you must calibrate your monitors every 24 hours to ensure accurate color viewing.

Note: Monitors must be turned on for at least one hour before they can be calibrated.

1. At the Dock, click and hold the **Matchprint Virtual** icon. 
2. Select **MVP Calibrate System**.
3. Follow the prompts to calibrate the monitors.

During calibration, your Matchprint Virtual calibration software checks the deltaE and white point luminance of your monitor. If the deltaE exceeds 2.5, or if the display cannot achieve the luminance value that is set in the software, calibration fails.

Monitor Calibration Reminder

When calibration expires, a reminder appears. You can select **Dismiss for 24 hours**, or **Calibrate**.

The reminder may also appear when the ambient room temperature increases or decreases by 5°C or more, or when the calibrator is left on the monitor.

For more information about calibrating color monitors, see the *Matchprint Virtual Monitor Calibration Quick Reference Card*, available under **Product Documentation** at http://graphics.kodak.com/matchprintvirtual/.

Setting Monitor Luminance Levels

The first time you calibrate the monitor, check its maximum luminance setting and change it to a lower, fixed luminance value to increase the viewing lifetime.

In a dual-monitor system, it is also important that the luminance of the two monitors matches so that color perception is not affected.

To check the maximum luminance settings of a new monitor:

1. At the Dock, click and hold the **Matchprint Virtual** icon.  .
2. Select **MVP Preferences**.
3. Click the **Settings** tab, select a monitor, and click **Show Settings**.

   Tip: You can also double-click the monitor name to open its **Preferences** dialog box.
4. Ensure that **Maximum Luminance Method** is selected.
5. Click **Save**.
6. If you are calibrating a dual-monitor systems, repeat Steps 1 to 5 for the second monitor.

7. Calibrate the monitor—see *Calibrating Color Monitors* on page 5.

   When calibration is complete, the following message appears:

   ```
   Calibrate System on this monitor passed
   Color Verification:
   Luminance:
   ```

8. Record the color verification and luminance values.

To change to a fixed luminance setting:

1. At the Dock, click and hold the **Matchprint Virtual** icon.  .
2. Select **MVP Preferences**.
3. Click the **Settings** tab, select the monitor, and click **Show Settings**.

   Tip: You can also double-click the monitor name to open its **Settings** dialog box.

   a. Select **Fixed Luminance Method**.

   b. Type a value that is 10% less than the lower of the two luminance values you recorded when you calibrated the monitors.

      Example (calibrating a single monitor):

      Your monitor has a luminance value of 255. Type `230` (255 - 25). This is the luminance value that the monitor must achieve for calibration to succeed.

      Example (calibrating a dual-monitor system):

      Your first monitor has a luminance value of 280 and your second monitor has a luminance value of 255. Since 255 is the lower value, type 230 (255 - 25). This is the luminance level that both monitors must achieve for calibration to succeed.

4. Click **Save**.
5. Wait 15 minutes and recalibrate the monitor.
6. If you are calibrating a dual-monitor system, repeat Steps 1 to 5 for the second monitor.

Troubleshooting: The monitor fails to calibrate.

As monitors age, they may fail to calibrate because they cannot achieve the fixed luminance level or the required deltaE (2.5 or less). When this happens:

1. Change back to the maximum luminance method.
2. Wait 15 minutes and recalibrate the monitor.
3. Record the maximum level that each monitor can achieve.
4. Change to the fixed luminance method and set a value that is 10% less than the lowest maximum luminance value you recorded.
5. Wait 15 minutes and recalibrate the monitor.

Tip: If the monitor still fails to calibrate, try again using a different colorimeter. If it continues to fail, select **MATCHPRINT Virtual > LogFiles** from the Dock and send a copy of the log file to the Kodak service representative for help.

When the luminance of the monitor can no longer be matched to the luminance of the viewing booth, consider replacing the monitor.

For Prepress Portal Systems: Assigning Color Roles

Prepress Portal users who view color-accurate pages in Smart Review must have a role that includes Color Management rights and Annotate rights.

To create a Color role:

1. Log on to Prepress Portal as a staff user

   Note: You must have a System role that includes the Manage Roles right.
2. Click **Roles**.
3. Under **Job Roles**, click any existing role.
4. Click **New Role**.

   The Create New Job Role dialog box appears.
5. In the **Role Name** box, type a name for the color role—for example, `Color Approval`.
6. In the **Approval Workflow** area, select **Annotate**.
7. In the **Color Management** area, select **View Color Management** and **Edit Color Management**.
8. Click **Update.**

For more information, see the Prepress Portal Help.

To assign a Color role to staff users:

1. Log on to Prepress Portal as a staff user.

   Note: You must have a System role that includes the Manage All Accounts right.
2. Click **Users**.
3. Click **Manage Staff Users**.
4. Beside the name of the staff user that will review color-managed pages, in the **Default Job Role** column, click the role to change it.
5. Select the Color role that you created—for example, **Color Approval**.
6. Click **Apply**.

For more information, see the Prepress Portal Help.

To assign a Color role to customer users:

1. Log on to Prepress Portal.

   Note: You must have a Customer role that includes the Modify Customer right.
2. Click **Customers**.
3. Locate the customer name and click the row to expand the options. Click **Administration**.
4. In the **User/Group Name** column, click the name of the user that needs to work on color-managed pages.

5. In the **User Roles** area, select the Color role from the **Default Job Role** list.

   Note: The name of the Color role may vary, depending on the requirements of your workflow. The role must contain the View Color Management, Edit Color Management, and Approval rights. For assistance in selecting the correct role, contact your system administrator.

6. Click **Update**.
7. Click **X** to log out of Prepress Portal.

For more information, see the Prepress Portal Help.

For Prepress Portal Systems: Reviewing and Approving Color-Managed Pages in Smart Review

Before using Smart Review to review and approve color-managed pages, check the following:

- The Mac OS operating system must recognize the files as safe for downloading. To check this:
  a. Start the Safari browser.
  b. From the **Safari** menu, select **Preferences**.
  c. On the **General** tab, ensure that **Open "safe" files after downloading** is selected.
- You must have Color Management rights in the Prepress Portal software in order to see the options for color proofing. For information, see *For Prepress Portal Systems: Assigning Color Roles* on page 7.

To review and approve color-managed pages in Smart Review:

1. Log on to Prepress Portal.
2. On the **Summary** tab for the job, click **Smart Review**.
3. Click the page you want to view in the panel on the left.
4. Click **Full Screen Preview**.

   The Smart Review toolbars disappear. The color-managed page appears in actual size (1 inch on the monitor = 1 inch on the page
5. Review the page for color quality.

   If an arrow displays along one or more of the page borders, the page does not fit on the monitor. Move the mouse towards the arrow to scroll the image across the monitor.
6. Move the mouse. A **Close** button appears in the bottom right corner. Click it to return to Smart Review.
7. Annotate the page, if necessary
8. Approve the page, reject the page, or request corrections.

Important: If the page has been set to require color approval but you have not calibrated your monitor within the past 24 hours, you will be unable to approve the page for color.

For more information about reviewing and approving color-managed pages in Prepress Portal, see the Color Approval In Smart Review Quick Reference Card, available under **Product Documentation** at http://graphics.kodak.com/matchprintvirtual/.

For PressProof Systems: Installing the PressProof Software

Install PressProof software on each Macintosh computer that is used to view surfaces and pages in the pressroom.

To install PressProof software:

1. On the Macintosh computer, from the **Go** menu select **Connect to Server.**
2. Type `smb://<ServerIPAddress>`

   where `<ServerIPAddress>` is the IP Address of the PressProof (or Prepress Portal) server.
3. Click **Connect**.
4. Type the administrator username and password for the PressProof (or Prepress Portal) server (usually ARAXI/ARAXI).
5. In the **SMB Mount** dialog box, select **Installers** as the share.
6. Click **OK**.
7. Open the PressProof folder, double-click **Creo Pressproof.dmg**, and follow the instructions.

To upgrade PressProof software

When a new version of PressProof software is available, you will see a message when you log on to PressProof.

➢ Click **Install** to upgrade your computer immediately.

Important: You will not be able to use PressProof software until you install the upgrade.

For PressProof Systems: Viewing Color-Accurate Surfaces and Pages

When you log on to the PressProof software as a staff user with access to all jobs, a list of available jobs appears.

1. Select the job that you want to view. PressProof retrieves the files from the server and displays them.
2. Click either **Pages** or **Surfaces**.

   Note: If you are working with a job created using the Prinergy Layered PDF Versioning (LPV) feature, you can only use the Pages view.

3. Use the PressProof tools to navigate around the page or surface, or to switch to a different page or surface.

For more information about using PressProof, see the PressProof Help.

About PressProof Tools

The following tables show some of the tools available to help you navigate in PressProof.

PressProof Control Toolbar

When you move the mouse towards the bottom of the screen in Full Screen mode, the control toolbar appears.



By Clicking This Icon	You Can
	View the previous surface or page.
	View the next surface or page.
	Pan across the image by dragging it.
	View densities of the C, M, Y, K, and spot colors.
	Turn separations on and off.
	Tilt the image up relative to its original position.
	Tilt the image down relative to its original position.
	Tilt the image right relative to its original position.
	Tilt the image left relative to its original position.

By Clicking This Icon	You Can
	Leave Full Screen view.
	Zoom to increase or reduce the image size (maximum is 200%).

Keyboard Shortcuts

If you prefer to navigate without using a mouse, try these keyboard shortcuts

By Clicking These Keys	You Can
Arrows	Pan across the image in large steps.
Shift+Arrows	Pan across the image in small steps.
Control+Arrows	Move directly to an edge of the image.
Command+R	Tilt the image 90°clockwise from its original position.
Command+L	Tilt the image 90°counter-clockwise from its original position.
Command+D	Tilt the image 180° from its original position.
Command+U	Return the image to its original position.
+ or =	Zoom in to increase the image size (maximum is 200%).
— or -	Zoom out to reduce the image size.
Page Up	Move to the previous file.
Page Down	Move to the next file.
Spacebar	Switch between Window mode and Full Screen mode.
Command+O	Open a different job.
Command+Q	Quit PressProof.

A card that lists the keyboard shortcuts is available for you to print out and keep by the monitor—see the *Kodak PressProof Keyboard Shortcuts Quick Reference Card*, available under **Product Documentation** at http://graphics.kodak.com/matchprintvirtual/.

Removing Matchprint Virtual Calibration Software

This section describes how to remove Matchprint Virtual calibration software.

Note: You do not need to remove Matchprint Virtual calibration software before you upgrade to a later version, as long as you are replacing version 4.0 or later.

To uninstall Matchprint Virtual calibration software, version 3.x:

1. Log on to the Macintosh computer as an Administrator.
2. Delete the **MATCHPRINT Virtual** icon from the Dock.
3. Insert the Matchprint Virtual calibration software CD, version 3.x, into the CD drive.
4. Double-click the **MVP-LCD v3.x.x Installer** icon on your desktop.
5. Double-click the **MVP LCD v.3.x.x Installer** icon.
6. Type your Administrator password.
7. In the License dialog box, click **Accept**.
8. In the Installer dialog box, select **Uninstall** from the menu and click **Uninstall**.
9. Click **Continue**.

   The Matchprint Virtual calibration software is removed. A confirmation message appears.
10. Click **OK** and **Quit**.

To remove Matchprint Virtual calibration software, version 4.0 or later:

1. Log on to the Macintosh computer as an Administrator.
2. Open your Apple Safari™ browser software and type `http://graphics.kodak.com/matchprintvirtual/`
3. Under **MATCHPRINT Virtual Monitor Calibration Software**, click **Download now.**
4. Under **Uninstallers**, click the version of Matchprint Virtual calibration software that you want to remove and download it to your desktop.
5. Double-click the Uninstaller icon on your desktop.
6. Type your Administrator username and password.

   The Matchprint Virtual calibration software is removed. A confirmation message appears.
7. Click **OK**.