

# Color Accurate Viewing with Adobe Photoshop

## Using Adobe Photoshop CC with Matchprint Virtual 9.2

You can use the Adobe Photoshop CC software for color-accurate viewing on a monitor that is calibrated for use with Kodak Matchprint Virtual 9.2 but only if you are using D50 light source. The Matchprint Virtual 9.2 calibrated display will be more stable over time but the absolute color will be subtly different than what the InSite Prepress Portal Smart Review or Kodak PressProof or InSite Creative Workflow Smart Review software presents. InSite Prepress Portal Smart Review or Kodak PressProof or InSite Creative Workflow Smart Review software are designed to allow color matching to a hard copy inside a specific light booth.

**Note:** If you are using a light source other than D50, the light source calculation will not be applied in Adobe Photoshop CC when viewing files. As of Matchprint Virtual 8.0 and later, the light source calculation occurs on the InSite Prepress Portal server for viewing files in Smart Review. As of Matchprint Virtual 9.1, the light source calculation occurs on the InSite Creative Workflow server for viewing files in Smart Review.

### Requirements:

You must be running Matchprint Virtual version 9.2 or later.

1. Calibrate your qualified color monitor using Matchprint Virtual.  
For instructions for calibrating the monitor, see the *Monitor Calibration Quick Reference Card*, available on the Matchprint Virtual Web site at <http://www.kodak.com/US/en/prinergy-workflow/matchprint/default.htm>.
2. Adjust the color settings in Adobe Photoshop CC:
  - a. Start the Adobe Photoshop CC software.
  - b. Select **Edit > Color Settings**.
  - c. In the **Conversion Options** area, clear the **Use Black Point Compression** and **Use Dither** check boxes.
  - d. Click **OK**.
3. Assign a CMYK ICC profile to the image file that you want to view:
  - a. Open the CMYK image file in Photoshop.
  - b. Select **Edit > Assign Profile**.
  - c. Select the **Profile** option, and in the list that appears, select a CMYK ICC profile.
  - d. Click **OK**.
4. Set the proofing view:
  - a. Select **View > Proof Setup > Custom**.
  - b. In the **Device to Simulate** box, select the same ICC profile that you previously selected.
  - c. Select the **Preserve CMYK Numbers** check box.
  - d. In the **Display Options (On-Screen)** area, select the **SimulatePaper Color** check box.
  - e. Click **Save**, and type a file name to store the proof setup (.psf) file for future use. By saving the .psf file, you simplify the setup for the next Photoshop file that you want to view using the same ICC profile. The saved file appears in the **Custom Proof Condition** list.
  - f. Click **OK**.

You can now view the image for color accuracy using the Photoshop software.