How to use this document

This tool is intended to show users the detailed color processing path for Fiery servers on FS300 software and above running Fiery Command WorkStation® 6. Watch the full video presentation to understand how each setting affects different color spaces. This page describes how to access the expert settings along with some key concepts related to digital front end (DFE) color management. Finally, you will see the recommended Fiery expert color settings to use for most jobs.

Managing various color spaces

Users are able to send jobs to the Fiery server containing a variety of color spaces. The Fiery server processes each of the many color types for precise color output and consistency. Fiery servers offer advanced color management capabilities that provide users with greater color control. The expert features and options allow users to customize workflows to deliver accurate color every time.

This document provides examples of the impact of various color management settings to help guide you to configuring the Fiery server for the best color result. Although not every possible combination of options is presented, enough information is provided to ensure that you can make the correct decisions when setting up your workflows and output devices.

In a traditional print environment, CMYK workflows were often preferred. Fiery servers’ color technology allow the flexibility to work in a variety of color spaces like CMYK, RGB, device independent color spaces, and custom spot colors without having to modify the native content to be compatible with a traditional print workflow.

How do I know what color space I am using?

As content is designed in a native application, this provides the first source of information on the color type. Business applications typically use RGB while graphics applications can draw with CMYK, RGB and custom spot colors. Digital cameras capture images in RGB, and corporate logos are often created using spot colors from industry standard color libraries. If you do not have access to the native content, the Fiery server has utilities in the Graphic Arts Package, Premium Edition (or Productivity Package) that can help you identify documents’ color content.

Print Gray Using Black Only

Color management is designed to convert color from a source device to a destination device and closely maintain the color appearance between these different devices. For example printing a RGB photograph from a digital camera to a printer using CMYK. A side effect of this design is converting pure colors like Black and Gray into the print system’s CMYK. This can affect the neutral appearance of gray and add unwanted color clicks to the print job. Fiery servers’ Gray and Black processing eliminate this problem by preserving the source Black and Gray colors to print with only the print system’s black toner, saving the color click charge.

Select Properties after highlighting a job in the list from within Fiery Command WorkStation 6. Expand the Color input and Color settings sections to view all color settings.

Watch the video presentation
Fiery server output profile selection

Start

Job Properties “Use Job Defined Setting” selected?

Is Paper Catalog used in the job?

Is a profile assigned to the paper type?

Profile assigned in Paper Catalog?

Output profile selected in Job Properties

Color settings default profile

Output profile assigned to paper type

Output profile assigned in Paper Catalog