



# Customer User Addendum

## Xerox® EX-i 180/EX 180 Print Server Powered by Fiery®, version 1.2 Patch

This document describes new features and supplements the information in your user documentation set.

### New features

The new CMYK Plus toner kits allow you to replace CMYK toners with Vivid and Fluorescent toners on the EX-i/EX Print Server. The following CMYK Plus toner sets are supported:

- Vivid Kit (SGold, SSilver, SClear, and SWhite)
- Fluorescent Kit (FCyan, FMagenta, FYellow, and SBlack)

The following additional features are newly supported for the EX-i/EX Print Server.

- **Toner sets:** This feature communicates the toner kit information that is installed on the printer to the EX-i/EX Print Server. This option is located under the Server menu in Command WorkStation.

You need to select an applicable toner set from Server > Toner sets. If the selected toner kit and the preset applied to the job are different, Command WorkStation cancels the printing of the job.

- **Post-Processing Raster Preview:** Allows you to soft proof standard, Vivid, and Fluorescent colors.

You can also use Fiery ImageViewer for soft proofing. Fiery ImageViewer is available with Fiery Graphic Arts Package, Premium Edition or Fiery Productivity Package.

### Vivid Kit and Fluorescent Kit

The Vivid Kit and Fluorescent Kit are optional features on the Xerox® EX-i 180/EX 180 Print Server Powered by Fiery® for CMYK Plus replacements.

The Vivid Kit and Fluorescent Kit add functionality to Command WorkStation in these areas:

Changes in Command WorkStation	Location
A new custom spot color group	Device Center > Spot Colors > CMYK_Plus
Two new output profiles	Device Center > Profiles > Output Profiles > Vivid_Kit or Fluo_Kit



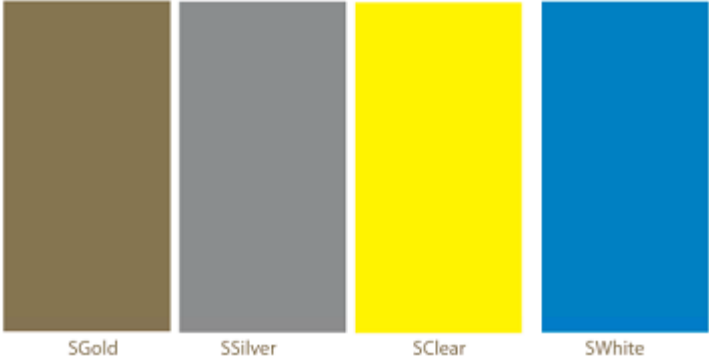

Changes in Command WorkStation	Location
Two new presets For more information on presets, see <i>Fiery Command WorkStation Help</i> .	Device Center > Job Presets > Vivid_Kit or Fluo_Kit

## Processing and printing a job based on the preset

The following table explains the printing and processing summary of a job based on the preset.

Default settings	Vivid Kit preset	Fluorescent Kit preset
<ul style="list-style-type: none"> <li>Processing and printing of objects defined as Vivid spot colors in a job are suppressed.</li> <li>Objects defined as RGB, CMYK, Grayscale, and Spot colors in a job are processed and printed.</li> </ul>	<ul style="list-style-type: none"> <li>Designed to print the job in both one pass and two passes.</li> <li>Objects defined as Vivid spot colors only are processed and printed.</li> <li>Processing and printing of objects defined as RGB, CMYK, Grayscale, and Fluorescent spot colors in a job are suppressed.</li> <li>Objects defined as Vivid spot colors are displayed as SGold, SSilver, SClear, and SWhite colors.</li> <li>Post processing, the Raster Preview displays the Vivid colors as follows: <ul style="list-style-type: none"> <li>SGold is displayed as Gold</li> <li>SSilver is displayed as Silver</li> <li>SClear is displayed as Yellow</li> <li>SWhite is displayed as Cyan</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Designed to print the job in one pass.</li> <li>Processing and printing of objects defined as Vivid spot colors in a job are suppressed.</li> <li>Objects defined as CMYK or RGB are mapped to CMYK and are printed using Fluorescent toners installed on the printer.</li> <li>Objects defined as Fluorescent spot colors are mapped to CMYK. The job is printed using Fluorescent toners installed on the printer.</li> <li>Objects defined as Grayscale image, Black only text, or Black only image are printed as Black.</li> <li>Post processing, the Raster Preview displays the Fluorescent colors as follows: <ul style="list-style-type: none"> <li>FCyan or Cyan is displayed as Fluorescent Cyan</li> <li>FMagenta or Magenta is displayed as Fluorescent Magenta</li> <li>FYellow or Yellow is displayed as Fluorescent Yellow</li> <li>SBlack or K is displayed as Black</li> </ul> </li> </ul>

The following table shows the raster preview of Vivid and Fluorescent spot colors.

Spot color	Raster preview
Vivid	 <div> <div>SGold</div> <div>SSilver</div> <div>SClear</div> <div>SWhite</div> </div>
Fluorescent	 <div> <div>FCyan</div> <div>FMagenta</div> <div>FYellow</div> <div>SBlack</div> </div>

Keep in mind the following:

- The Servers pane and Device Center in Command WorkStation display the Vivid or Fluorescent ink levels in CMYK, irrespective of the actual toner kit installed on the printer.
- If an RGB, CMYK, or Grayscale job is printed with default settings and the Vivid or Fluorescent Kit installed on the printer, the final separation of colors in the job is mapped to Vivid or Fluorescent colors.
- You are not allowed to color calibrate the EX-i/EX Print Server with the Vivid or Fluorescent Kit installed on the printer.

## Print Vivid colors

When you print a job with the Vivid Kit preset, make sure that a Vivid toner kit is installed on the printer.

This procedure is applicable only for jobs with objects defined as Vivid spot colors.

Keep in mind the following:

- Pantone, DIC, TOYO, and HKS spot colors are not suppressed, but are not processed accurately with the Vivid Kit preset.
  - Select Composite overprint from the Color tab Color settings area of the Job Properties window in the following two cases:
    - To print a job with objects defined as Vivid spot colors along with Adobe PDF Print Engine.
    - To print a job with overlapping objects that are overprinting or multiplying.
  - The Composite overprint option is disabled (off) by default for EX-i Print Server.
- 1 Right-click the job and select Apply Workflow > Vivid\_Kit.  
Selecting the preset will set the appropriate output profile for the job.
  - 2 From Server > Toner sets, select Vivid.
  - 3 Print the job.

## Print CMYK and Vivid colors

To print a job that contains objects defined as both CMYK and Vivid spot colors, you need to print the job in two passes.

- 1 Create content that contains objects that are defined using CMYK, RGB, or Grayscale and Vivid spot colors.
- 2 Process and print the job with CMYK configuration and settings.
  - a) Install a CMYK toner kit on the printer.
  - b) From Server > Toner sets, select Standard.
  - c) Print the job.
- 3 Reload the input tray with the pre-printed sheet.
- 4 Process and re-print the same job with the Vivid Kit preset.
  - a) Install a Vivid toner kit on the printer.
  - b) Right-click the job and select Apply Workflow > Vivid\_Kit.
  - c) From Server > Toner sets, select Vivid.
  - d) Print the job.

## Reset a job to the CMYK profile

If you print a job first with the Vivid Kit preset and then want to print the job again with CMYK, you need to reset the job to the CMYK profile.

- 1 Right-click the job and select Properties.
- 2 In the Properties window, from the Quick Access tab, select Presets > Factory Default.
- 3 Install a CMYK toner kit on the printer.

- 4 From Server > Toner sets, select Standard.

## Print Fluorescent colors

When you print a job with the Fluorescent Kit preset, make sure that a Fluorescent toner kit is installed on the printer.

This procedure is applicable for jobs with objects defined as any of the following:

- Fluorescent spot colors
- CMYK
- RGB
- Grayscale text or Grayscale image

Keep in mind the following:

- Pantone, DIC, TOYO, and HKS spot colors are not suppressed, but are not processed accurately with the Fluorescent Kit preset.
- To print a job with overlapping objects that are overprinting or multiplying, select Composite overprint from the Color tab Color settings area of the Job Properties window.
- The Composite overprint option is disabled (off) by default for EX-i Print Server.

- 1 Right-click the job and select Apply Workflow > Fluo\_Kit.

Selecting the preset will set the appropriate output profile for the job.

- 2 From Server > Toner sets, select Fluorescent.
- 3 Print the job.

## Print CMYK graphics with Fluorescent colors

Make sure that a Fluorescent toner kit is installed on the printer.

To obtain the best color conversion for jobs with graphics defined as CMYK follow this procedure.

- 1 From Server > Toner sets, select Standard.
- 2 Right-click the job and select Properties and set the following:
  - a) From the Quick Access tab, select Presets > Factory Default.
  - b) From the Color tab, select Output profile > Use job defined settings.

## Obtain optimal saturation with Fluorescent colors

Make sure that a Fluorescent toner kit is installed on the printer.

To obtain more saturation with Fluorescent colors for jobs with photographs, scanned images, or digital camera images, follow this procedure.

- 1 From Server > Toner sets, select Fluorescent.

- 2 Right-click the job and select Apply Workflow > Fluo\_Kit.
- 3 Right-click the job and select Properties.
- 4 In the Properties window, from the Color tab Color input area, select CMYK source > Bypass conversion.

## Print Fluorescent and Vivid colors

To print a job that contains objects defined as both Fluorescent and Vivid spot colors, you need to print the job in two passes.

**Note:** Pantone, DIC, TOYO, and HKS spot colors are processed but are not reproduced accurately with the Fluorescent Kit and Vivid Kit presets.

- 1 Create content that contains objects that are defined using Fluorescent and Vivid spot colors.
- 2 Process and print the job with the Fluorescent Kit preset.
  - a) Install a Fluorescent toner kit on the printer.
  - b) Right-click the job and select Apply Workflow > Fluo\_kit.
  - c) From Server > Toner sets, select Fluorescent.
  - d) Print the job.
- 3 Reload the input tray with the pre-printed sheet.
- 4 Process and re-print the same job with the Vivid Kit preset.
  - a) Install a Vivid toner kit on the printer.
  - b) Right-click the job and select Apply Workflow > Vivid\_kit.
  - c) From Server > Toner sets, select Vivid.
  - d) Print the job.

## Known issues

### Spot colors are mapped to CMYK with the Vivid Kit preset

When printing a job with the Vivid Kit preset, if the objects are defined as spot colors other than Vivid or Fluorescent spot colors, following cases are observed:

- The spot colors defined in Spot Pro or Spot Colors are mapped to CMYK and are printed using Vivid toners installed on the printer.
- The spot colors that are not defined in Spot Pro or Spot Colors are converted to alternate CMYK colors. These colors are suppressed in the output.

For more information on Spot Pro and Spot Colors, see *Fiery Command WorkStation Help*.

## **Generic spot colors are not reproduced accurately with the Vivid Kit and Fluorescent Kit presets**

While printing a job with the Vivid Kit or Fluorescent Kit presets, the generic spot colors (Pantone, DIC, TOYO, or HKS) defined in Spot Pro or Spot Colors are neither suppressed nor printed accurately.

For more information on Spot Pro and Spot Colors, see *Fiery Command WorkStation Help*.

## **CMYK content are printed with the Vivid Kit preset and Adobe PDF Print Engine when a job has transparency with CMYK color mode**

When printing a job that has transparency with CMYK color mode, and objects defined as Vivid spot colors using a Vivid kit preset, if you select Adobe PDF Print Engine Preferred in the Job Properties window, the objects in a job defined as CMYK are printed.

As a workaround, in the Job Properties window, from the Color tab Color settings area, select Separate RGB/Lab to CMYK source.

