Print On-Demand Solutions Group
P. O. Box 10193
Petach Tikva 49002 Israel
Tel: +972.3.916.7222
Fax:+972.3.928.6000
www.creoservers.com

Release date: 12 May 2009

Technical bulletin

Using Fast Black patch on CX700 Color Server Version 1.5

General

Following customers requests to activate the fast black mode for the Xerox700 press, the Creo Color server offers a special patch that enables this option.

When this patch is not installed even if the job is in black & white the 1st BTR's of the color stations CMY in the IOT are not retracted in B & W mode and the machine will keep the process control as it is in a full color job. This leads to low toner in the developer tanks later when the customer is printing full color jobs afterwards.

When this patch is installed, if grayscale or Black & White jobs are sent the color stations CMY in the IOT are not retracted, it prints in k-only mode. The switch to the k-only mode or Color mode is automatic depending on the job sent.

When files are considered as Black and White?

After files are ripped, there is a check if the files are B&W or Color.

If the **Grayscale** parameter is selected, files will always be ripped as Black & White.

If **Print Gray using black toner** parameter is checked or unchecked there are differences:

- Print Gray using black toner unchecked:

In this case (which is the default), the probability to get B&W files is very low, even if the files are were closed in PPD as grayscale as they are transformed from the input RGB to output CMYK.

- Print Gray using black toner checked:

Input	Output
CMYK	If Preserve pure colors or Direct are selected, then if CMY=0 and only K has value, the page will be Black & White.
RGB	If R=G=B or close to this, Images, Graphics and text will be converted to K only.

Procedure

1. Exit the Creo Color Server application.

2. You can download the **v_1_5_Fast_Black_Patch** from Xerox.com.

3. Double click the **v_1_5_Fast_Black_Patch.exe**

4. In the Install Shield Wizard, click **Finish**.
5. Start the application
6. Open Help - About and make sure the update **v_1_5_Fast_Black_Patch 12-May-2009** is there.

Uninstall the v_1_5_Fast_Black_Patch

Log off the CX700.

Copy the **v_1_5_Fast_Black_Patch.exe** to the CX700.

Open the Windows XP command line, Open Start → Run type CMD then Enter.

Drag the **v_1_5_Fast_Black_Patch.exe** to the command line and add the –U switch as the below screen capture and click Enter.

In the Install Shield Wizard, click Finish

About Print On-Demand Solutions Group

The Print On-Demand Solutions Group develops and supports high-performance CREO Color Servers and key workflow solutions for a range of digital production printers and presses. It also develops advanced on-demand applications to enable the creation of personalized direct mail, targeted catalogs and other powerful one-to-one marketing communications tools.

This independent unit of Kodak's Graphic Communications Group will continue to help its customers leverage their investment in digital printing.

For more information about CREO Color Servers, visit www.creoservers.com

© Kodak, 2008. All rights reserved. Creo is a trademark of Eastman Kodak Company. Adobe, Acrobat, Adobe Illustrator, Distiller, Photoshop, PostScript, and PageMaker are trademarks of Adobe Systems Incorporated. Apple, AppleShare, AppleTalk, iMac, ImageWriter, LaserWriter, Mac OS, Power Macintosh, and TrueType are registered trademarks of Apple Computer, Inc. Macintosh is a trademark of Apple Computer, Inc., registered in the U.S.A. and other countries. PANTONE, Hexachrome, PANTONE Goe, PANTONE Hexachrome, and PANTONE MATCHING SYSTEM are the property of Pantone, Inc. PEARL, PEARLsetter, PEARLhdp, PEARLdry, and PEARLgold are registered trademarks of Presstek, Inc. Technical data subject to change without notice.