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Release Notes for EfiColor™

Introduction

Here is your copy of the EfiColor Release Notes in electronic format. This version is a stand-alone document, and you cannot alter the text electronically. You can print this document. However, we encourage you to join us in our efforts to reduce the amount of paper used when printing and read the document online.

EfiColor XTension Release Notes

The EfiColor XTension has been tested in a large number of configurations and situations. A few issues exist related to interaction and compatibility with QuarkXPress. These may require adjustments not specifically described in the documentation.

Bit-depth Changes in TIFFs

If you change a profile for a TIFF or other high-resolution image, EfiColor forces QuarkXPress to re-import the image. When the image is re-imported, QuarkXPress uses the current **Display DPI** value (**Edit →** **Preferences → Application**). This can cause the image to be re-imported at high-resolution when it was a low-resolution image (and vice versa). This change only applies to the screen preview of the image.

Color Conversions for Bitmaps

EfiColor will correct the screen display of all high-resolution images, such as TIFF, Photo CD, or JPEG. When the disk file is a low-resolution bitmap, such as PCX, MBP, or Windows Metafile, EfiColor will correct the colors of the image when printing, but will not correct the screen display. If you want EfiColor to correct bitmap images for display, you should convert your low-resolution bitmap files to TIFFs using another application.

Color Shifting

Highly saturated RGB colors may undergo color shifting when printing to CMYK devices with EfiColor. This is because the EfiColor Photographic and Solid Color rendering styles are not intended for use with highly saturated colors, such as the default QuarkXPress Red, Blue, and Green colors, or the colors you might find in a bar chart.

The EfiColor Processor v. 2.0 will introduce the Business Graphics rendering style, which will properly convert highly saturated RGB colors when printing to CMYK devices. The EfiColor Processor v. 2.0 will be available separately or in EfiColor Works in the spring of 1994.

Color Simulations

To simulate the colors that will be rendered from your final output device, you should pre-separate your images as CMYK TIFFs for your target device. When you import these CMYK TIFFs into QuarkXPress, select **Solid Color** from the **Rendering Style** drop-down list in the **Get Picture** dialog box (**File → Get** **Picture**). EfiColor will adjust to simulate the colors as they will appear on-press.

This procedure is especially important when you use a dye sublimation printer, which has a larger color gamut than most printing presses. If you do not pre-separate your images, EfiColor will expand the gamut of the picture to fulfill the capabilities of the device. The result may be pleasing, but will not match the colors produced on-press.

GCR and CMYK

GCR is applied when RGB colors are converted to CMYK colors. Therefore, GCR has no effect on colors or images that are already defined in CMYK. As a result, when you import a CMYK file into QuarkXPress and make separations, you will not be able to adjust GCR. If the image was converted from RGB to CMYK in an image editing program like Cachet® or Adobe Photoshop™, then the GCR should have been applied in that program.

Importing EPS and DCS Files from Other Programs

The EfiColor XTension does not convert colors when images from EPS or DCS files are printed. However, if you save these images as CMYK TIFFs, EfiColor will convert them when printing to a composite color printer [when **Separation** is set to **Off** in the **Print** dialog box (**File → Print**)].

Missing Picture Files

You cannot change a profile assigned to a picture using either **Profile Usage** (**Utilities → Profile Usage**) or **Profile** (**Style → Profile**) if the image file for that picture is missing or has been moved to another

directory. To enable **Profile Usage** for that picture, open the **Picture Usage** dialog box (**Utilities → Picture Usage**) and update the picture.

None Profile Setting

When you print to a PostScript device, EfiColor is inactive if the selected profile in the **Printer Setup** dialog box (**File →Printer Setup**) is **None**. RGB TIFFs and PICTs will not be separated into CMYK plates, even if **Separation** is set to **On** in the **Print** dialog box (**File → Print**).

Printing to Non-PostScript Printers

EfiColor is completely disabled for non-PostScript printers and has no effect on output.

Profiles Displayed from Document, Master Pages

To display profiles for pictures on document pages only, choose **Profile Usage** (**Utilities → Profile Usage**) while a document page is displayed. To display profiles for pictures on master pages, choose **Profile Usage** while a master page is displayed.

Same Source and Target Profiles Selected

If the source profile of an image is the same as the target profile selected in the **Printer Setup** dialog box (**File → Printer Setup**), no EfiColor conversions take place for that image.

Save Page as EPS

When you select **Save Page as EPS** (**File → Save Page as EPS**) and choose one of the following formats: PC Color, PC DCS, and PC DCS 2.0, you can choose an EfiColor profile and GCR setting. See "Preparing and Printing a Document to a PostScript Device" on p. 26 in *Using the EfiColor XTension with QuarkXPress* for an explanation of these controls.

The colors in your QuarkXPress document are converted for the target device only as the EPS is saved, so you need to specify the target device at the time that you create the EPS. You will not get consistent colors if you import the EPS into another QuarkXPress document and print to a device different from the device that you specified when you created the EPS.

Separations for CMYK Pictures

EfiColor will convert CMYK images when you print to a composite color printer [**Separation** is set to **Off** in the **Print** dialog box (**File → Print**)]. However, EfiColor will *not* convert CMYK pictures if you are printing separations. EfiColor converts RGB pictures whether **Separation** is set to **On** or **Off**.