## Graphics 360 5<sup>th</sup> Color Station

## Creating the 5<sup>th</sup> Color – White, for use on Colored Media



This tutorial will explain and demonstrate how to print a White Spot Color onto Colored Media (red in this case), and provide an area which can be overprinted with CMYK via second pass.

In this example, a swatch and layer will be created in Illustrator and will use an image, which will show through specific areas on the print.

This is a **2-Pass Process**, where the 5<sup>th</sup> Color layer is printed first, followed by CMYK. The areas that do not have a 5<sup>th</sup> Color base layer will show the colored media through the CMYK artwork. 2 PDF files will be created and printed, resulting in one final print.

1. Open or create the InDesign / Illustrator file you are looking to enhance with White Toner.

## 2. Create a New Swatch

- a. Name the swatch "White."
- b. Select "Spot Color" for Color Type.
- c. It's recommended to choose a color that stands out, such as 100% Magenta, to easily see where the White will print.





3. The White / Magenta Spot Color will represent the White Toner.





5. Create an Artwork layer and a 5<sup>th</sup> Color layer in the layout. The 5<sup>th</sup> Color layer will become the 1st Pass White Toner Base Layer. The Artwork layer will become the 2nd Pass CMYK Layer.





(Eyeball icon indicates layer visibility)





6. Position shape for effect.

(It may be useful to use some masking and multiplying effects to simulate the final look, prior to prepping the file and exporting the PDFs.)





- 4. The amount of toner density can be adjusted in the color panel on the Density Scale.
  - a. From the Menu bar select "Window" then "Color" to display the Color Panel. If the Density Scale is not displayed, select Show Options. b. Drag the Density Scale or enter the percentage in the box to adjust the density.

x	44	
© Color		Show Options
		Grayscale RGB HSB V CMYK







The "Lightning Bolt" will be used as the 1<sup>st</sup> Pass White Toner base layer. Part of the Bolt will print only 50% white, creating a partial coverage effect.

Continued on back page



7. After the design / layout is finalized, isolate elements and export 2 PDFs.



8. Save the First file to contain only the 5<sup>th</sup> Color, White Layer. (Only the isolated 5<sup>th</sup> Color layer should be visible.)

Save the **Second file** to contain only the **CMYK Artwork Layer**. (Only the CMYK artwork should be visible.)

To save the 2 individual files with only their specific layers, simply **Turn Off** the layer that isn't required by clicking the "**Eyeball**" icon on the Layers panel (shown in **Step 5**).

Export 2 PDF files as PDF/X-4 (PDF1.6 or newer).
The First file should be the 5<sup>th</sup> Color, White Layer only.
The Second file should be the CMYK Artwork Layer only.

Adobe PDF Preset	[PDF/X-4:2008]		
Standard	PDF/X-4:2010		Compatibility: Acrobat 7 (PDF 1.6)
General	General		
Marks and Bleeds Output Advanced Security	Description:	Use these settings to create checked or must conform to graphic content exchange. X-4 compliant PDF documer Guide. Created PDF documer	Adobe PDF documents that are to be PDF/X-4:2008, an ISO standard for For more information on creating PDF/ nts, piease refer to the Acrobat User ents can be opened with Acrobat and
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**10.** Print the **5<sup>th</sup> Color, White Layer** PDF first. Once the 1<sup>st</sup> pass is completed, then print the **CMYK Artwork Layer** PDF.

