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Customer Bulletin

Specifying NX Tags in Esko Workflow

Overview

Kodak TIFF Assembler Plus v4.0 supports NX tags for specifying Kodak DigiCap NX pattern instructions, and Kodak Hyperflex NX and minimum dot enlargement settings. NX tags allow you to apply different settings to different files in a layout. NX tags can be added to 1-bit TIFF files by either pre-press or plate making departments.

This bulletin describes how to use Esko software to specify NX tag instructions from the workflow using embedded XMP metadata.

Printing Method Variable

For hybrid press support, Esko workflow provides a variable printing method. The variable, available in ArtPro, PackEdge and Plato Suite 12 and later, contains predefined values, but also allows custom values. The printing method variable is XMP metadata that is stored with the PDF and passed along to 1-bit TIFF files that are created from the PDF out of FlexRip.

Note: 1-bit TIFF files created using Automation Engine do not, currently, maintain the printing method variable.

If you are not using the printing method variable for other purposes, you can employ it, using custom values, to communicate NX tag information from the workflow to TIFF Assembler Plus.

Custom values for printing method variable recognized by TIFF Assembler Plus for setting NX tags

DigiCap NX	Hyperflex NX	Dot Enlargement
Std	HFNX	1 x 2
A01		2 x 2
A02		2 x 3
A03		3 x 3
A04		3 x 4
A05		4 x 4

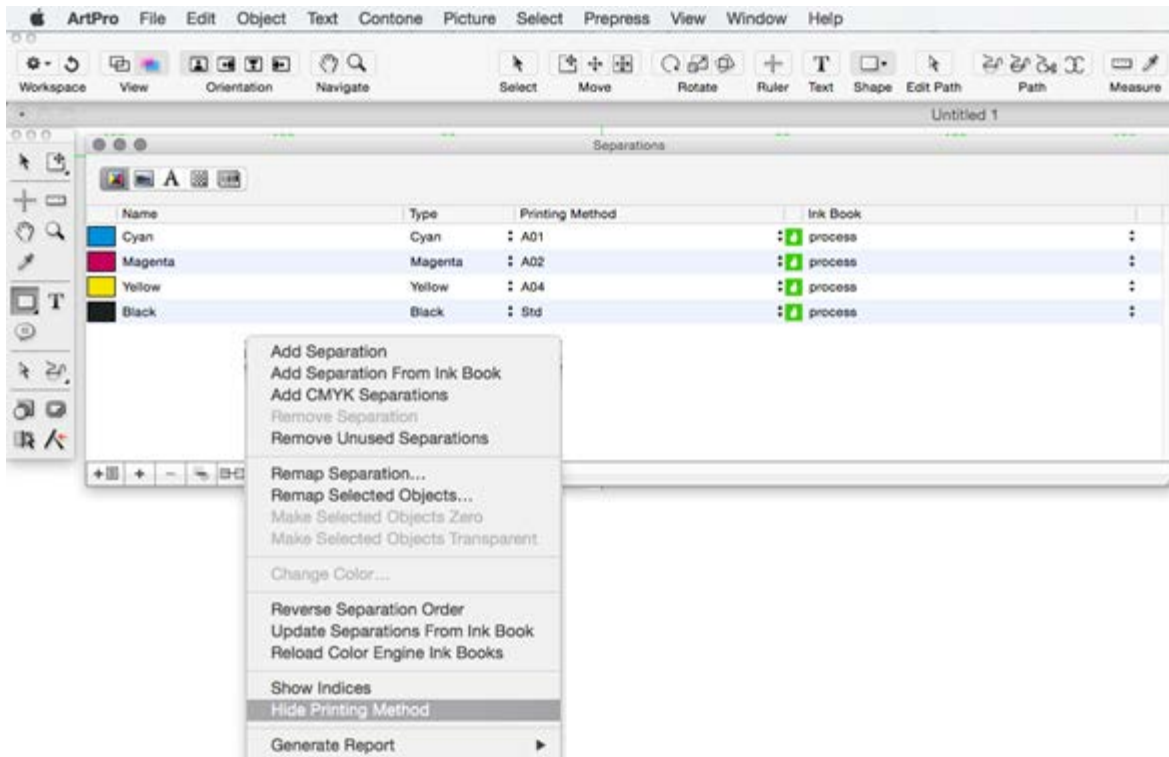
When 1-bit TIFF or LEN files generated from FlexRip are used with TIFF Assembler Plus, the printing method variable is checked for values in the above table. If values are found, they are used to set the NX tags in TIFF Assembler Plus 4.0.

- One value for each feature is allowed.
- Values for different features must be separated by a space.
- The printing method string may contain values for only one or two features,
- If all features are not specified, the NX tags for the remaining features are set to **no**.

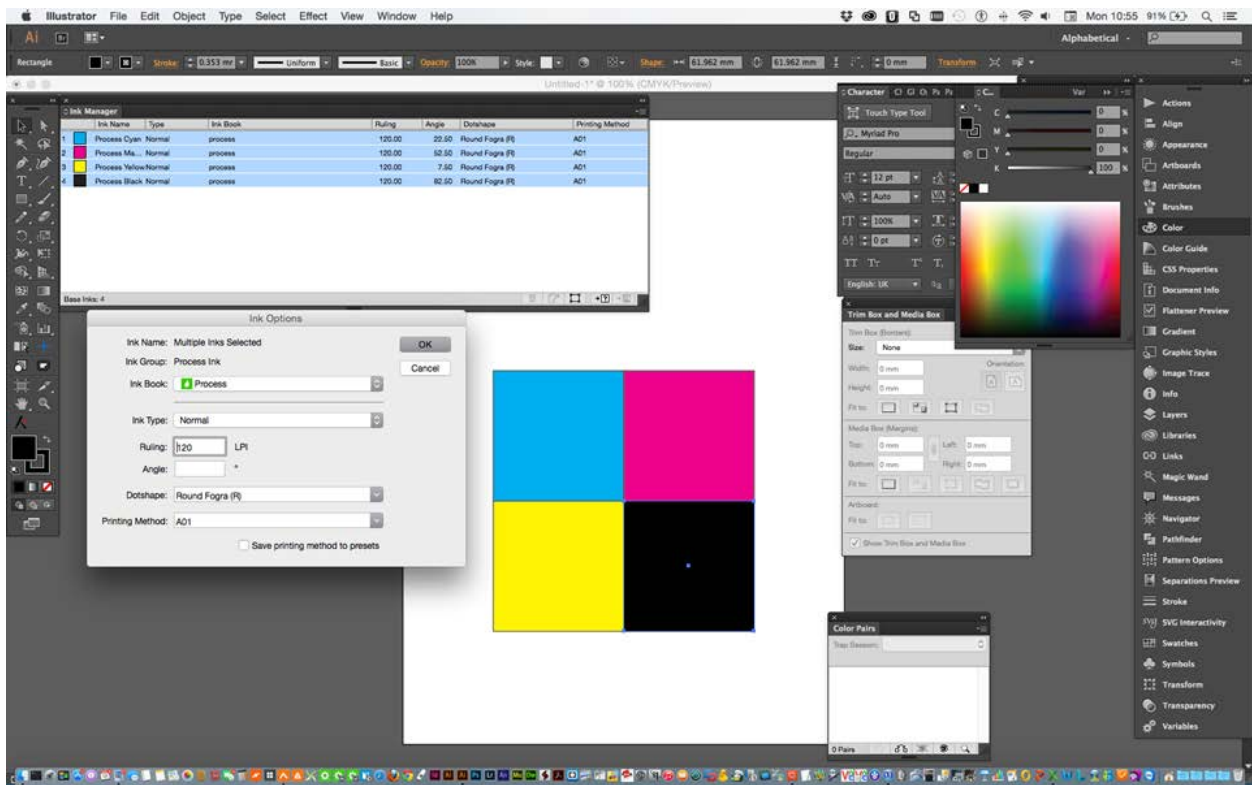
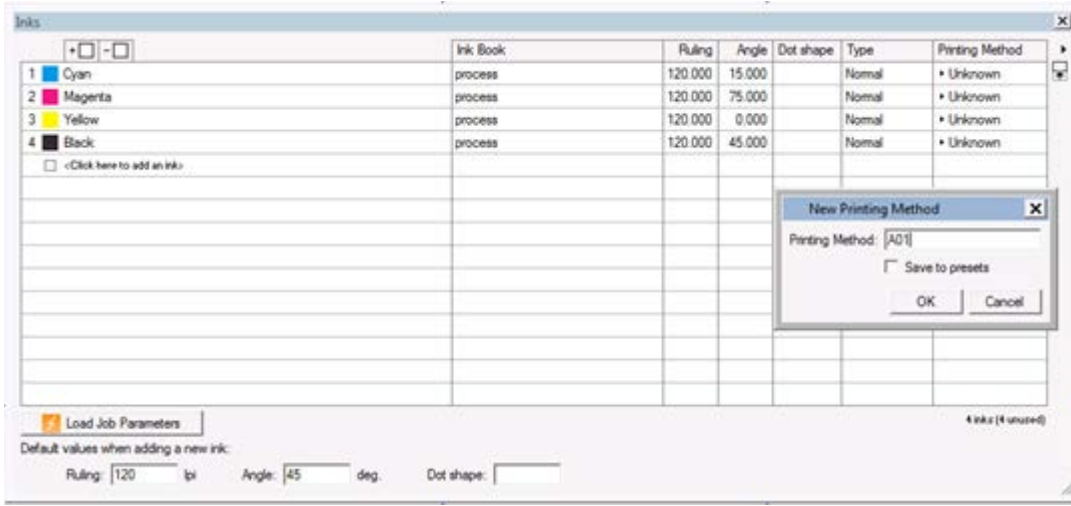
Examples of printing method variable values and associated NX tag settings

Printing method	DigiCap NX tag	Hyperflex FX tag	Dot Enlargement tag
A01 HFXN 2x2	Advanced01	Enabled	Enabled 2x2
A04	Advanced04	Disabled	Disabled
A02 1x2	Advanced02	Disabled	Enabled 1x2
2x3	None	Disabled	Enabled 2x3

Printing Method variable in various Esko applications



Technical Bulletin



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