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Technical bulletin

PDF 1.6 and Acrobat 7: Implications for Prinergy and Prinergy Evo Users

What's new in PDF 1.6?

Some changes have been made to Encryption, PDF Annotations (new "Watermark annotation"), the Layers feature, as well as some features for CAD applications. Prepress professionals will probably find the following features most interesting:

- **OpenType fonts can now be embedded:** Previous versions of PDF only embeded the curve outlines of OpenType fonts as Type1 or Type42 fonts. Now the entire font can be embedded. Embedded OpenType fonts will fail to output correctly in Prinergy or Evo; however, most desktop applications do not currently have the ability to embed OpenType fonts.

- **PDFs can now exceed 2 GB in file size:** Any PDFs that are greater than 2 GB will fail to open in Prinergy™ or Prinergy Evo™. The error message will be "Failed to Open PDF file: <filename and path>".

Creating PDF Files for Prinergy and Prinergy Evo

Adobe® Acrobat Distiller 7, Adobe Illustrator® CS2 and Adobe InDesign® CS2 -generated PDF files, such as PDF 1.3, 1.4, and 1.5, have been tested with Prinergy and Prinergy Evo, and no problems were found.

Page suppliers using the existing **Creo PDF Pages.joboptions** file (available with the Distiller Assistant download) or similar settings and the Creo Distiller Assistant will produce pages that Prinergy and Prinergy Evo can process without problems.

PDF 1.6 Sniffer

A future version of Prinergy will have a built in feature to detect when files contain Watermark annotations or embedded OpenType fonts and issue a warning during Refining so that potential problems are detected early in the workflow.

Acrobat 7 Prinergy Plug-ins

The Prinergy Geometry Editor, View Accelerator and Separation Repair plug-ins are currently available on e-Central on the Prinergy 2.3 Downloads page. The Creo PDF Trap Editor, DotShop and Separations Viewer will be available in mid-June and posted to the e-Central site.

Note: The naming convention of Acrobat Plug-ins has changed on the Macintosh platform. The plug-ins are now delivered as “Packages” and the packages have the “.acroplugin” extension.

Adobe Acrobat 7 Qualification for Prinergy and Prinergy Evo

Adobe Acrobat 7 is qualified for use as a prepress tool with Prinergy Evo 1.2.6.2 or later and Prinergy 2.3.1.4 or later.

Note: Creo does not sell Acrobat 6.0 to 7.0 upgrades. Customers must contact Adobe directly to purchase upgrades.

Refer to eCentral for Prinergy, Prinergy Evo, and Adobe Acrobat troubleshooting information.

Conclusion

PDF 1.6 is not expected to have much impact on current workflows. However, as with any new software, Creo recommends you use extra caution and early testing cycles.

About Creo

Creo is a world leader in solutions for the graphic arts industry. Core product lines include image capture systems; inkjet proofers; thermal imaging devices for films, plates, and proofs; professional color and copydot scanning systems; workflow management software; and proofing and printing consumables. Creo is also an original equipment manufacture supplier of on-press imaging technology, components for digital presses, and color servers for high-speed, print-on-demand digital printers. Creo trades under the symbols CREO on NASDAQ and CRE on the Toronto Stock Exchange. www.creo.com

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