Vancouver Response Center
T. 604.451.2727
Toll free T. 1.800.472.2727
F. 604.451.2713
Toll free T. 1.800.767.2736

Customer support email:
callcentre@creo.com

www.creo.com

Document number: 719-00075A-EN Rev G
Release date: 20 Dec 2004

Technical bulletin

PDF 1.5 and Acrobat 6: Implications for Prinergy and Prinergy Evo Users

What's new in PDF 1.5?

PDF 1.5 includes Layers and the ability to display images that use JPEG2000 compression.

Layers, called "Optional Content" in the PDF 1.5 specification, allow context-specific content in the PDF file, for example, zoom-specific content and language layers. Prinergy™ and Prinergy Evo™ can currently process Layers. Prinergy and Prinergy Evo will warn that “PDF version is not supported,” but will print the layers on output, maintaining the overprint and knockout settings.

JPEG2000 is a new compression scheme for contone images. Prinergy and Prinergy Evo will not process pages with JPEG2000 compression. Prinergy and Prinergy Evo will display the message, “PDF Library Error: A stream specifies an unknown filter.”

Applications Dealing With PDF 1.5

Adobe® Acrobat Distiller 6 can generate PDF files up to PDF version 1.5. Acrobat Distiller 6 can still generate earlier versions of PDF, such as PDF 1.3. Acrobat 6 can read PDF files up to PDF version 1.5.

Adobe InDesign® 3 (CS) and Adobe Illustrator® 11 (CS) can generate PDF 1.5 files directly.

Creating PDF Files for Prinergy and Prinergy Evo With Acrobat Distiller 6

Acrobat Distiller 6-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 or similar settings and the Creo Distiller Assistant will produce pages that Prinergy and Prinergy Evo can process without problems.

If a page supplier provides PDFs that includes PDF 1.5's JPEG2000 compression, the page will fail in Prinergy 2.2 and lower with an “unknown filter” error message. In Prinergy 2.3, in the Normalize process plan, if "PDF 1.4 or higher" is set to "convert to 1.3", a file containing PDF 1.5's JPEG2000 or Layers will be flattened to include PDF 1.3-compatible objects. If "PDF 1.4 or higher" is set to "Fail", Prinergy will fail files containing PDF 1.5 objects.

Note: The **DistillIr\Startup** folder has moved in Acrobat Distiller 6. On a PC, the folder is in **C:\Documents and Settings\All Users\Documents\Adobe PDF 6.0\Startup**. On a Mac, the folder is in **/users/shared/Adobe PDF 6.0/startup**.

Note: When installing the **Creo PDF Pages.joboptions**, place it in the **Settings** folder. On a PC, the folder is in **C:\Documents and Settings\All Users\Documents\Adobe PDF 6.0\Settings**. On a Mac, the folder is in **/users/shared/Adobe PDF 6.0/settings**.

Adobe Acrobat 6 Qualification for Prinergy and Prinergy Evo

Adobe Acrobat 6 is qualified for use as a prepress tool with Prinergy Evo and Prinergy 2.2.1.5 and 2.3 and later.

Note: Creo does not sell Acrobat 5.0 to 6.0 upgrades. Customers must contact Adobe directly to purchase upgrades.

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

Conclusion

PDF 1.5 is expected to be much less problematic than PDF 1.4. 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; and workflow management software. 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.

© 2004 Creo Inc. Creo and the Creo logo are trademarks or registered trademarks of Creo Inc. The Creo products mentioned in this document are trademarks or service marks of Creo Inc. and may be registered in certain jurisdictions. Apple, AppleShare, AppleTalk, EtherTalk, LaserWriter, LocalTalk, and Macintosh are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. Adobe and PostScript are trademarks of Adobe Systems Inc., are registered in the U.S. Patent and Trademark Office, and may be registered in other jurisdictions as well. Acrobat, the Acrobat logo, and Adobe Illustrator are trademarks of Adobe Systems Incorporated, which may be registered in certain jurisdictions. Microsoft, Windows, and Windows NT are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. AIX, PowerPC, and RS/6000 are registered trademarks of International Business Machines Corporation. Xerox is a registered trademark of Xerox Corporation in the U.S. and/or other countries. Other company and brand, product, and service names are for identification purposes only and may be trademarks or registered trademarks of their respective holders. Data is subject to change without notice.