Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: 1-604-451-2700
Fax: 1-604-437-9891

Request support:
ecentral.creo.com

www.creo.com

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Technical bulletin

Enhanced PDF Handling

The **Enhanced PDF Handling** option supports Adobe® PDF 1.4 format files and improves the RIP process for all files by resolving the following RIP issues:

- Failure to RIP PDF files
- White Knockout problems
- Small text protection problems
- Adobe CID font issues

Important: It is recommended that you select the **Enhanced Handling** option every time you RIP a PDF file.

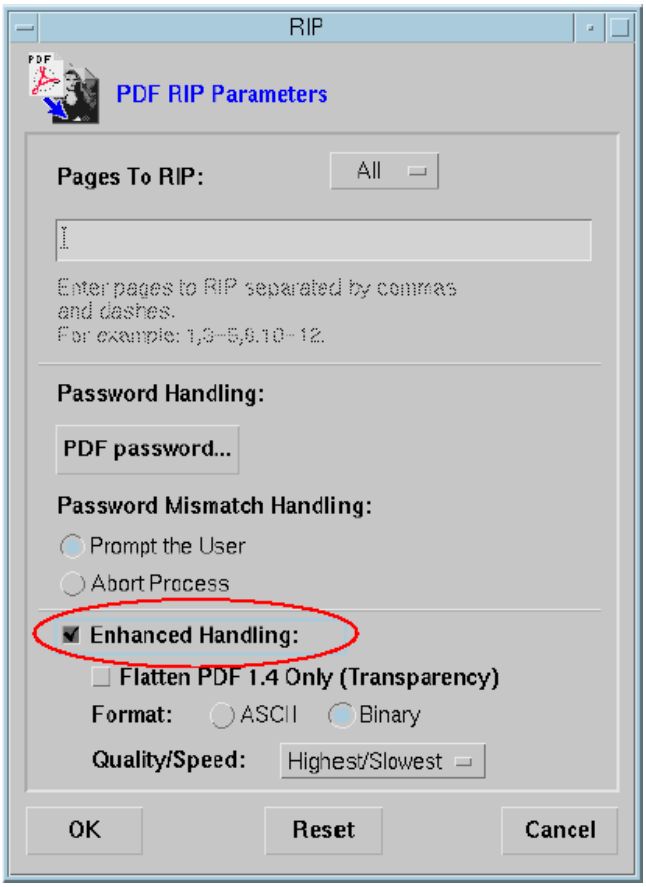
The **Enhanced PDF Handling** option enables the **Flatten PDF 1.4 Only** check box, which is specific for PDF 1.4 files that contain transparencies. Using **Enhanced PDF Handling** with the **Flatten PDF 1.4 Only** check box selected will produce the highest quality RIP for files that were created by Adobe applications such as, Adobe InDesign® 3, Adobe Illustrator® 11 and Adobe Photoshop® 8.

Note: Using **Enhanced Handling** can slow down the processing time.

To use the Enhanced PDF handling option:

1. In the RIP dialog box, click **PDF Params**.

2. In the PDF RIP Parameters area, select the **Enhanced Handling** check box.



3. If you are RIPing a PDF 1.4 file with transparencies, select the **Flatten PDF 1.4 Only (Transparency)** check box.

4. Select the **ASCII** or **Binary** option buttons to define the file format::

   - Select **ASCII** to output the file in ASCII text format.
   - Select **Binary** to output the file in binary format. This option is recommended because it results in a smaller file than ASCII.

5. In **Quality/Speed**, select the combination of quality and speed setting that best suits your needs. Select one of the following options:

   - **Lowest/Fastest**: This setting rasterizes all the objects in the job. It is the preferred setting when you print or export detailed artwork.
   - **Lower/Faster**: This setting maintains simple vector objects while rasterizing more detailed areas. This setting is suitable for jobs that contain only a few transparent objects.

Medium/Medium: This setting retains most objects as vectors and rasterizes the more detailed transparent areas.

Higher/Slower: This setting retains most of the job in vector form and rasterizes detailed artwork. The setting can increase processing time when the artwork contains many transparent areas.

Highest/Slowest: This is the default setting. This setting retains as much of the job as possible in vector form. Detailed artwork may still be rasterized. This setting requires more processing time than the 2 other settings and demands the most memory, however it produces the highest-quality resolution.

Note: When text is partially converted to CT, it is recommended to select **CT to CT Res** and **LW Res** in the RIP CT Handling tab.

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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