Release Notes

English

Prinergy Evo

version 1.2.6.2

739-00135A-EN-A

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Prinergy Evo 1.2.6.2 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy® Evo software. These release notes highlight the changes and improvements that were made to release 1.2.6.2 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

After upgrading from Prinergy Evo 1.0 or 1.1, you need to replace the Prinergy Evo 1.0 license key with a new Prinergy Evo 1.2.6.2 license key.

We have automatically generated new keys for Prinergy Evo 1.0 and 1.1 customers. If your most recently issued permanent license key is a Prinergy Evo 1.0 or 1.1 key, then a new license key is available for you on eCentral. You can access the key using the new **Get Keys** button on the **License** tab of Prinergy Evo Administrator and following the prompt to log on to eCentral.

If no key was posted for you but you require one, or if you are unable to use Prinergy Evo Administrator to access updates and have otherwise received the Prinergy Evo 1.2.6.2 installer, then you can also order a new Prinergy Evo 1.2.6.2 license key manually.

To order a new license key manually:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. On the **License** tab, click **View keys.**
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID.**
4. From the Dongle Security Code dialog box, write down the dongle identification number.

Contact your Creo service representative, supply them with the dongle identification number, and request a new Prinergy Evo 1.2.6.2 basic license key.

What Is in These Release Notes

The release notes include the following sections:

- *Enhancements*—describes improvements that were made to existing features.
- *Known Limitations*—lists problems that are not yet resolved.
- *Adobe Versions*—lists Adobe software component versions.

Enhancements

Magnus 800 Queue Length Support

The Magnus™ 800 platesetter uses a longer plate queue than previous platesetters in order to produce more plates per hour. Prinergy Evo 1.2.6.2 supports this queue length automatically in order to maintain the platesetter's capacity. (PR: MWER-J-0000577)

Copydot Performance Enhancements Apply to More Files

When Prinergy Evo detects copydot data in a PDF file, it invokes certain performance enhancements when rasterizing the file. Without these enhancements, copydot files take significantly longer to rasterize, especially when rotated. Prinergy Evo 1.2.6.2 now uses these enhancements for a wider range of copydot formats. (PR: JGAT-J-0000275)

Note: These enhancements still only apply to unrotated pages, and to pages rotated in increments of 90 degrees.

Problems Fixed

Digital Blueline Fixes

Prinergy Evo includes the following fixes:

- Digital Blueline now handles come and go as well as cut and stack imposition styles correctly. (PR: JCOX-J-0000150, JCOX-J-0000137)
- In the **Layout** section of the output imposition process template, you can now select **2-up** from the **Type** list and then select **Book-fashion** or **Calendar-fashion** from the new **Document Folding Style** list. Select **Book-fashion** if you want the spine at the left side of the finished document. In other words, all even pages will be to the left of the facing odd pages. Select **Calendar-fashion** if you want the spine at the top of the finished document (i.e. even pages are above the facing odd pages). (PR: JCOX-J-0000165)
- Digital Blueline now prints pages in the correct order for multisection signatures and signatures that require cut and stack or trifold operations in their construction. (PR: JCOX-J-0000146, JCOX-J-0000119)
- When printing 2-up proofs of an imposition that contains pages that are not part of a spread (for example, trifold), the single pages are now printed in the same orientation as the 2-up sheets to make them easier to trim and insert into the constructed booklet. (PR: MWER-J-0000450)

- The Preps `$ColorsOnPage` variable mark now works correctly in Prinergy Evo to display the colors on an individual page. (PR: JCOX-J-0000123)
- The `%outputsheetnum%` file-naming variable has been added to keep output files in the correct order. (PR:JCOX-J-0000145)
- Digital Blueline now includes the **Safe Protect Box** in the **Layout** section of certain process templates. Use this check box to specify a safe protect area for type or other content that you don't want clipped by trimming, taking into account tolerances of the cutting machine. (PR: JCOX-J-0000162)

Note: In a future release, Digital Blueline will be renamed to Signature Booklet to avoid confusion with an older iMPAct product having the same name.

Virtual Proofing System Proofs Sometimes Do Not Match Plates

When converting spots to process on output, if the page content used an overprint effect between the process and spot color layers, then Virtual Proofing System proofs did not match the plates. In this case, the proofs would match the page designer's intent, but the plates would not. (The page also looks correct in Acrobat when the overprint preview is enabled.)

Prinergy Evo 1.2.6.2 will now convert spot colors to process the same way when making VPS proofs or plates. This guarantees that overprint problems that arise when converting spots to process are caught during Virtual Proofing System proofing, rather than plating.

Note that this problem only affected workflows where spots are converted to process on output. Creo recommends that customers convert spots to process during refining, in order to catch overprint problems even earlier. (PR:JGAT-J-0000282)

Some Files Fail to Recombine

Prinergy Evo 1.2.6.2 fixes a problem that prevented some files from recombining from separated to composite format during refining. (PR: JGAT-J-0000245)

Grayscale Files Sometimes Fail to Refine

Files containing only process black, with or without spot colors, failed to refine under the following condition: the color matcher is enabled, a DeviceGray ICC profile is selected, and spot colors are converted to process. Prinergy Evo 1.2.6.2 fixes this problem. (PR: JGAT-J-0000243)

Pressing Delete Brings Forward the Template Browser

In the Windows client, pressing the DELETE key sometimes brought forward the Template Browser. Prinergy Evo 1.2.6.2 fixes this problem. (PR: MWER-J-0000571)

Client Disconnects During Synchronization

Sometimes the Prinergy Evo client disconnects from the server or fails to connect when starting. This could happen when synchronizing with a server containing a long process history—for example, 1,000 or more processes. Prinergy Evo 1.2.6.2 fixes this problem such that the client will not time out while synchronizing.

Preserve PostScript ICC Profiles Option Does Not Work

The **Normalize** section of the refine to PDF process template includes the **Preserve PostScript ICC Profiles** check box, which previously had no effect.

When this check box is selected, the normalize function will extract any ICC profiles that are embedded in the PostScript® input files and embed them in the resulting PDF files. These profiles can then be used by the Color Matcher as the source profile for the associated objects.

Prinergy Evo 1.2.6.2 now recognizes this option when converting PostScript to PDF. (PR: GSCR-J-0000312)

Adobe Software Components In Prinergy Evo

The following table lists the Prinergy Evo components and the corresponding CPSI RIP that they use. It also includes the equivalent version in Acrobat.

This Prinergy Evo Component	Version of CPSI RIP	Equivalent Version in Acrobat
 Refine Normalizer Flattener	 3016.102-01 3016.102-16	 6
 Output Render CEPS	 3016.102-23 3015	 6 5

Prinergy Evo 1.2.6.1 Release Notes

Creo did not release version 1.2.6.1 of Prinergy Evo.

Prinergy Evo 1.2 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy® Evo software. These release notes highlight the changes and improvements that were made to release 1.2 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

After upgrading from Prinergy Evo 1.0 or 1.1, you need to replace the Prinergy Evo 1.0 key with a new Prinergy Evo 1.2 license key.

We have automatically generated new keys for Prinergy Evo 1.0 and 1.1 customers. If your most recently issued permanent license key is a Prinergy Evo 1.0 or 1.1 key, then a new license key is available for you on eCentral. You can access the key using the new **Get Keys** button on the **License** tab of Prinergy Evo Administrator and following the prompt to log on to eCentral.

If no key was posted for you but you require one, or if you are unable to use Prinergy Evo Administrator to access updates and have otherwise received the Prinergy Evo 1.2 installer, then you can also order a new Prinergy Evo 1.2 license key manually.

To order a new license key manually:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys.**
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID.**
4. From the Dongle Security Code dialog box, write down the dongle identification number.

Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.2 basic license key.

What Is in These Release Notes

The release notes include the following sections:

- *Enhancements*—describes improvements that were made to existing features.
- *Known Limitations*—lists problems that are not yet resolved.
- *Adobe Versions*—lists Adobe software component versions.

Enhancements

PDF Profile-based Preflight (Licensed)

Use the profile-based PDF Preflight feature to check incoming PDF files to ensure that they meet your production criteria in the refine process. You can use the standard profiles included with the system or use the Preflight Profile Manager to create your customized ones. If you install the Creo PDF Preflight Locator, the preflight engine generates a preflight report itemizing the results with hyperlinks to the objects in the digital master.

Improved Support for Imposition Workflows

Prinergy Evo 1.2 provides improved imposition workflow with the integration of Creo's Preps engine and support for more qualified imposition software programs.

Create Imposition (Licensed)

Prinergy Evo 1.2 introduces a new Create Imposition process that simplifies and automates the creation of populated JDF impositions. Prinergy Evo 1.2 achieves this by integrating the Preps imposition engine so that you can specify the Preps template, imposition work style, and device in the process template. Once you've configured these settings in Prinergy Evo, you can use Preps to edit the template.

Creo recommends that you include only one signature for each Preps template. For Prinergy Evo to use any Preps templates, select the **Auto-Select** check box when selecting a template in Preps.

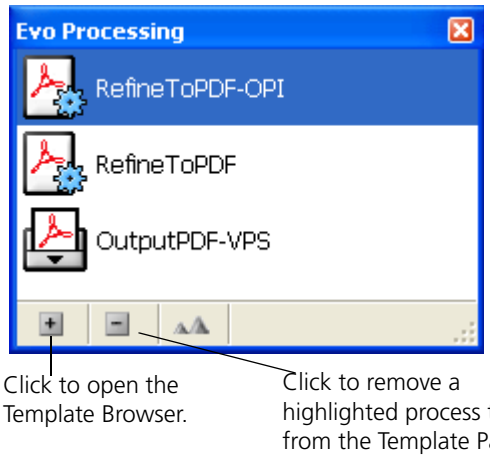
Digital Blueline

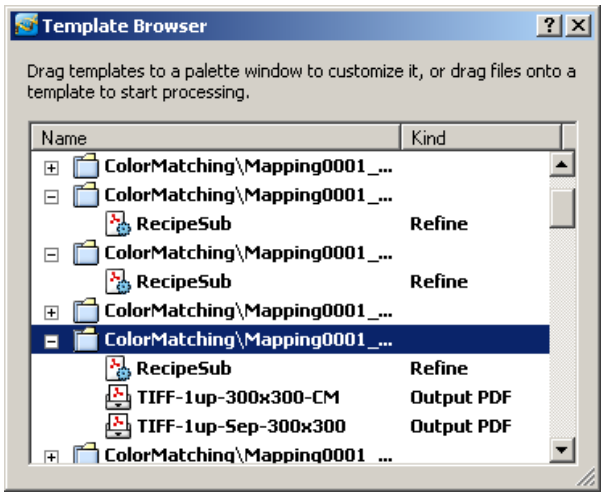
Digital Blueline is an output imposition option that you can use to simulate the finished product by creating a printed mock-up of the book. Digital Blueline enables you to check the imposition, page position, page assignment, imposition and collation marks, bottling, shingling, and gutters. With Digital Blueline, errors in the imposition layout or problems with images can be detected before plates are prepared, saving you time and money.

New Template Browser

New + and – buttons on the bottom of the Template Palette make it easier to add process templates to your template. The + button launches the Template Browser, which replaces the Customize Palette dialog box that was available in earlier versions of Prinergy Evo.

Use the Template Browser to add templates to your Template Palette or start a process by dragging files from your work folder onto a process template icon in the Template Palette or Template Browser. The new Template Browser gives you easy access to all your templates with a click of a button.





New Output Formats

Prinergy Evo 1.2 offers new Output PDF and Output Imposition formats.

PDF Raster Output is a new composite output format that allows both continuous tone and halftone rendering of the page. As a PDF, it offers greater portability. Although not as fast as a Virtual Proofing System, Adobe Acrobat can be used as a low-resolution alternative for on-screen proofing. This format also supports a greater range of compression formats compared to EPS Raster to reduce file sizes.

As an Output Imposition format, EPS Vector offers a vector composite alternative to EPS Raster or Desktop Color Separation (DCS) formats and provides a wider range of connectivity options.

Improved Handling of Default Spot Color Angle

Prinergy Evo 1.2 now gives you better control of screen angles used for spot colors that were not specifically defined in the Color Database Editor process template. The new option, “Cycle Through Screens” starts with the Cyan angle and subsequent spot colors “cycle through” the rest of the angles. This prevents spot colors from overprinting and gives you better printed results.

Server-Based License Manager for Preps 5.0.3

Prinergy Evo 1.2 includes a server-based license manager for Preps 5.0.3. Preps 5.0.3 can now use the Prinergy Evo server as a license server, which gives you the freedom to run Preps at different workstations without the need to move the dongle. The number of concurrent Preps users is limited to the number of licenses purchased. This feature uses the same mechanism as the Prinergy Evo server uses to manage its trapping licenses.

Copydot Processing

Basic Copydot Processing

Whole image or copydot data that is not tiled can take intolerably long to render. Basic copydot processing optimizes and reformats copydot data during the refine process to increase rendering performance. In addition, it can protect copydot images from processes such as trapping and overprint settings where it's undesirable for copydot data but allows non-copydot data to be processed. Basic copydot processing also enables you to create alternate images for use with Creo's Acrobat View Accelerator plug-in. Basic copydot processing is included with all Prinergy Evo configurations.

Resample and Descreen (Licensed)

Use the Resample option to change copydot resolution to match the resolution of an output device to eliminate moirés and image artifacts for high-quality proofing and printing. Resample is an option in the refine or output process that changes the resolution of a copydot file without converting it to a continuous tone image. You can resample to a higher or lower resolution from 300 to 5080 pixels per inch.

Descreen is an output option that improves image quality when outputting to continuous tone proofing devices. When both Descreen and Resample are enabled, Prinergy Evo automatically chooses the best method.

Copydot Tonal Calibration (Licensed)

Use copydot tonal calibration to calibrate all copydot images in a PDF file, using the same tonal calibration that applies to all continuous tone objects.

In conventional color tone calibration, a calibration curve is applied to a continuous tone PostScript file while it is being screened and rasterized by the raster image processor. After the file has been screened, you can no longer adjust the image dot size, and, therefore, cannot apply tonal calibration. You cannot apply tonal calibration to copydot data at the raster image processor because bitmap data is already screened. You must physically enlarge and sharpen the dots before the file is sent to the raster image processor.

Improve Flexographic Printing Support: Advanced HyperFlex (Licensed)

Prinergy Evo 1.2 now supports full Advanced HyperFlex™ functionality. HyperFlex uses partial AM screening (FM screening for low tint percentages). Advanced HyperFlex uses only AM screening, and uses light valves to build additional polymer support around small graphic elements and dots.

HyperFlex provides for a finer line screen and the ability to:

- Specify a smaller minimum dot size when using Maxtone™ screening
- Adjust the relief depth in and around small dots and/or graphic elements
- Adjust the width of the shoulder base that supports small dots

Thumbnails Generation

During the refine to PDF process, you can now either embed thumbnail images into your refined PDF files or output external JPEG thumbnail files. This is useful in layout applications such as Pandora® and future versions of Preps®.

Third-Party Low Resolution CJK Font Support

Prinergy Evo 1.2 now installs third-party low resolution Chinese, Japanese, and Korean (CJK) fonts. This allows users to use less costly fonts for output resolutions up to 1200 dpi. Prinergy Evo embeds the fonts during the Refine process.

Third-Party Imposition Software

Prinergy Evo 1.2 now supports submission of populated imposition job tickets from SignaStation imposition software. In the future, Creo plans to distribute a Technical Bulletin that will provide more information about this feature.

New Prinergy Evo Client Preferences

Prinergy Evo 1.2 has a new Preferences setting that you can use to disable the Prinergy Evo splash screen from appearing each time you start the Prinergy Evo client software.

Also, there is a new Preferences setting that allows you to set the size of the process template icons in the template palette from 32 by 32 pixels to 16 by 16 pixels.

Trap Trimming (Licensed with Advanced Trapping)

If you are using large traps, Trap Trimming can minimize manual trap editing by automatically adjusting the size and shape of traps that extend into small objects. This prevents the traps from "leaking" into uncolored areas in the artwork. The trapping engine automatically re-examines traps that extend beyond the midpoint of any object. Where necessary, the trap is trimmed back to the center point of the object that is accepting the trap.

Trap Trimming is part of the advanced trapping option. It's available in both automated trapping and the Trap editor plug-in for Acrobat.



Without trap trimming, the red trap in this image is very close to the white lettering. On press, the color could very easily extend into the white area.

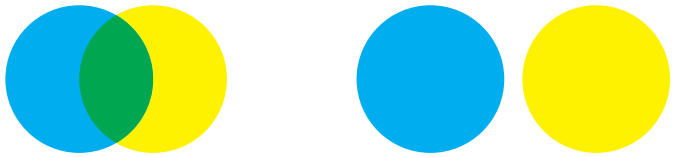


Trap trimming keeps the red trap from getting too close to the white text, which preserves the design of the label and improves print quality.

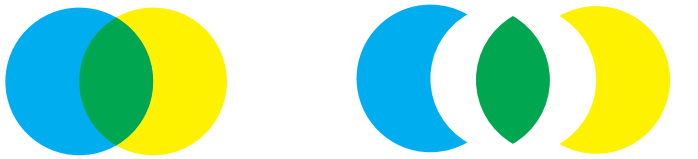
Color Match Overprinting Objects (Licensed with Advanced Color Management)

Prinergy Evo 1.2 can now independently Color Match the intersection of overprinting elements. When overprint is enabled for an element, the color painted can be influenced by previously painted elements wherever their geometry intersects with the overprinted element. To accurately color match an overprinted foreground element, the color matcher must consider the color and geometry of both the background and the foreground elements. Once Prinergy Evo 1.2 analyses the contributing elements of the intersecting region, it creates new element(s) representing the appearance of the intersecting region and color matches the new object independently.

An example of two overprinting elements—one cyan and one yellow—that overprint to create a green area. In this case, there are two elements.



An example of how Prinergy Evo can create a new element that simulates an overprint effect. In this case, there are now three elements.



Color Management of CEPS Data

Prinergy Evo now gives you the option to enable color management for any CEPS data. In earlier versions of Prinergy Evo, the program marked CEPS data to prevent any downstream processing. The new feature is available in the **Spot Color Handling** section of the Refine to PDF process template.

New Render Options in the CEPS Output Process Template

Prinergy Evo 1.2 includes new options that handle spot colors and CEPS resolutions. In the CEPS Output process template, the new options are available in the CEPS area of the **Render** section.

Virtual Proofing Systems 2.0.3

Virtual Proofing System introduces three new features:

The Rulers feature draws measurement rules along the top and left sides of the view, which adjust according to the current zoom level. As you move the pointer, small indicators in the rulers show the current pointer position.

Guides are lines that float over the document that you can use to check object alignment, even if the objects are on opposite sides of the press sheet

Virtual Proofing 2.0 treated all inks as transparent, that is, an ink would mix with the inks above and below it. Virtual Proofing 2.0.3 provides a better rendition of imposed preview files by identifying an ink as opaque so that the ink covers everything beneath it. The opacity can be toggled to check traps and treat an ink as opaque or transparent.

Known Limitations

Cannot Import Enfocus PitStop Profiles into PDF Preflight

You cannot import EnFocus PitStop profiles into Prinergy Evo's PDF Preflight.

Help Index Doesn't Properly Sort in Simplified Chinese

For Simplified Chinese, the index that's available in WebHelp doesn't properly sort.

Latest Online Help is Currently Available in English

If you're using a localized version of Prinergy Evo (i.e. German, French, Spanish, Simplified Chinese or Japanese) and you click the Online Help, the program displays the translated Help for Prinergy Evo 1.1. To learn about the new features in Prinergy Evo 1.2, view the English Help by doing the following:

1. Navigate to **\\<your server name>\PgyEvoInstll\doc\Client WebHelp - English**
2. Double-click **LaunchEnglishHelp.html**
3. In the window that appears, click **Launch English Help**.

Adobe Versions

Adobe Software Components In Prinergy Evo

The following table lists the Prinergy Evo components and the corresponding CPSI RIP that they use. It also includes the equivalent version in Acrobat.

This Prinergy Evo Component	Version of CPSI RIP	Equivalent Version in Acrobat
Refine Normalizer	3016.102-01	6.0.4
Output Render CEPS	3016.102-15 3015	6.0.4 5.0.0

Prinergy Evo 1.1.6.5 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.6.5 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

After upgrading from Prinergy® Evo 1.0, some new core features in Prinergy Evo 1.1, including the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. To use these new features, you need to replace the Prinergy Evo 1.0 key with a new Prinergy Evo 1.1 license key. Note that all core Prinergy Evo 1.0 features will continue to work without the new key.

We have automatically generated new keys for Prinergy Evo 1.0 customers. If your most recently issued permanent license key is a Prinergy Evo 1.0 key, then a new license key is available for you on eCentral. You can access the key using the new **Get Keys** button on the **License** tab of Prinergy Evo Administrator and following the prompt to log on to eCentral.

If no key was posted for you but you require one, or if you are unable to use Prinergy Evo Administrator to access updates and have otherwise received the Prinergy Evo 1.1 installer, then you can also order a new Prinergy Evo 1.1 license key manually.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys.**
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID.**
4. From the Dongle Security Code dialog box, write down the dongle identification number.

Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

What Is in These Release Notes

The release notes include the following sections:

- *Problems Fixed*—lists problems in the previous release of Prinergy Evo that are now resolved.
- *Enhancements*—describes improvements that were made to existing features.
- *Known Limitations*—lists problems that are not yet resolved.
- *Adobe Versions*—lists Adobe software component versions.

Problems Fixed

Fixed support for Mono Fonts (KCHN-J-132)

In earlier versions of the product, Chinese aftermarket (Mono) fonts seemed to install correctly but Prinergy Evo fails to decrypt the licensed fonts. This problem has been corrected.

Enhancements

Localizations

Prinergy 1.1.6.5 adds a localized user interface for the following languages:

- Spanish
- Italian

Prinergy Evo 1.1.6.5 adds Online Help for the following languages:

- German
- French
- Spanish
- Simplified Chinese
- Japanese (Evo Administrator Help Only)

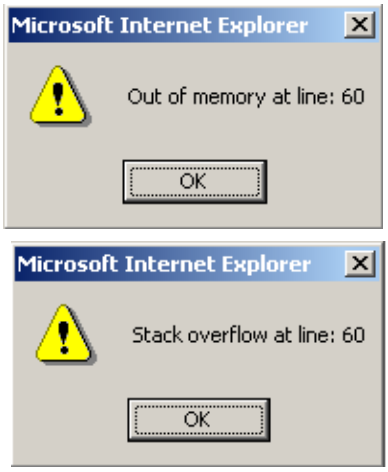
Added New Control in Refine Process Template (MWER-J-0000536)

Normalizer 6 embeds XUIDs to uniquely identify subsetted fonts whereas Normalizer 5 did not. PDFs with XUIDs sometimes fail in 3011 RIPs. To make PDFs backwards compatible, the **Force Font Compatibility with Adobe CPSI 3011 RIP** control was added in the **Normalizer** section of the Refine process template.

Known Limitations

Unexpected Error Messages in Asian Help

If you're using the Simplified Chinese and Japanese versions of the Help, you may see an error message when you're clicking different Help topics in the Table of Contents. You may see one or both of the following error messages:



This appears to be a scripting error caused by the program that is generating the Help.

If you see the error, click **OK**.

The Help will then display the Help topic you wanted to view, as expected.

Adobe Versions

Adobe Software Components In Prinergy Evo

The following table lists the Prinergy Evo components and the corresponding CPSI RIP that they use. It also includes the equivalent version in Acrobat.

This Prinergy Evo Component	Version of CPSI RIP	Equivalent Version in Acrobat
Refine Normalizer	3016.102-01	6.0.4
Output Render CEPS	3016.102-11 3015	6.0.4 5.0.0

Prinergy Evo 1.1.6.4 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.6.4 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

After upgrading from Prinergy® Evo 1.0, some new core features in Prinergy Evo 1.1, including the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. To use these new features, you need to replace the Prinergy Evo 1.0 key with a new Prinergy Evo 1.1 license key. Note that all core Prinergy Evo 1.0 features will continue to work without the new key.

We have automatically generated new keys for Prinergy Evo 1.0 customers. If your most recently issued permanent license key is a Prinergy Evo 1.0 key, then a new license key is available for you on eCentral. You can access the key using the new **Get Keys** button on the **License** tab of Prinergy Evo Administrator and following the prompt to log on to eCentral.

If no key was posted for you but you require one, or if you are unable to use Prinergy Evo Administrator to access updates and have otherwise received the Prinergy Evo 1.1 installer, then you can also order a new Prinergy Evo 1.1 license key manually.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys.**
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID.**
4. From the Dongle Security Code dialog box, write down the dongle identification number.
5. Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

What Is in These Release Notes

The release notes include the following sections:

- *Problems Fixed*—lists problems in the previous release of Prinergy Evo that are now resolved.
- *Enhancements*—describes improvements that were made to existing features.
- *Adobe Versions*—lists Adobe software component versions.

Problems Fixed

Font Outlining Sometimes Failed

The **Convert Text To Paths** option for raster output and the **Font Outlining** option for vector output both failed for Asian fonts. This has now been fixed.

Blank Output for Multiple Page Separated PDF

Outputting multiple pages in a separated PDF format would generate blank pages after the first page with all the separations. This has now been fixed.

Japanese File Name Lost When Printing To Virtual Printer

When printing files with Japanese names from a Macintosh OS X application to a Prinergy Evo virtual printer, the refined PDF file name was scrambled. The Japanese file name is now preserved in Prinergy Evo 1.1.6.4.

Field Not Truncated In PrintLink PPF Files

Prinergy Evo supports a configuration file setting that specifies the maximum length for the job name field in PrintLink PPF files. Prinergy Evo 1.1.6.2 introduced the ability to use the Preps job ticket job ID for the PPF file job name field, but did not support truncation at the same time. Prinergy Evo 1.1.6.4 truncates the Preps job ID too.

Client Sometimes Disconnects When Initiating Output Imposition

The Prinergy Evo client disconnected when certain PDF files were used as part of an Output Imposition process. This is fixed in Prinergy Evo 1.1.6.4.

Enhancements

Localizations

Prinergy Evo 1.1.6.4 is now available in the following languages:

- German
- French
- Japanese
- Simplified Chinese

Adobe Versions

Adobe Software Components In Prinergy Evo

The following table lists the Prinergy Evo components and the corresponding CPSI RIP that they use. It also includes the equivalent version in Acrobat.

This Prinergy Evo Component	Version of CPSI RIP	Equivalent Version in Acrobat
Refine Normalizer	3016.102-01	6.0.4
Output Render CEPS	3016.102-11 3015	6.0.4 5.0.0

Prinergy Evo 1.1.6.3 Release Notes

Creo did not release version 1.1.6.3 of Prinergy Evo.

Prinergy Evo 1.1.6.2 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.6.2 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

After upgrading from Prinergy® Evo 1.0, some new core features in Prinergy Evo 1.1, which includes the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. To use these new features, you need to replace the Prinergy Evo 1.0 key with a new Prinergy Evo 1.1 license key. Note that all core Prinergy Evo 1.0 features will continue to work without the new key.

We have automatically generated new keys for Prinergy Evo 1.0 customers. If your most recently issued permanent license key is a Prinergy Evo 1.0 key, then a new license key is available for you on eCentral. You can access the key using the new **Get Keys** button on the **License** tab of Prinergy Evo Administrator and following the prompt to log on to eCentral.

If no key was posted for you but you require one, or if you are unable to use Prinergy Evo Administrator to access updates and have otherwise received the Prinergy Evo 1.1 installer, then you can also order a new Prinergy Evo 1.1 license key manually.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys.**
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID.**
4. From the Dongle Security Code dialog box, write down the dongle identification number.
5. Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

What Is in These Release Notes

The release notes include the following sections:

Problems Fixed—lists problems in the previous release of Prinergy Evo that are now resolved.

Enhancements—describes improvements that were made to existing features.

Known Problems—lists new problems that are not yet resolved.

Adobe Versions—lists Adobe software component versions.

Problems Fixed

This section lists problems that are resolved in the current release of Prinergy Evo.

Staccato Licensing Issues

Previously, Staccato® screening was only available to one of the low-resolution proofing Printer Job Ticket Processor (JTP) or the high resolution output JTP, but not both. This has been fixed in Prinergy Evo 1.1.6.2.

Vector Output Sometimes Fails During PDF/X-1a Output

Previously, Vector output failed on some PDF files with the error message `PDF library error: cannot write the content stream.` (A work around involved installing Adobe Acrobat on the server.) This has been fixed in Prinergy Evo 1.1.6.2.

Optimizer Sometimes Fails During PDF/X-1a Output

Previously, RefineToPDF processes would sometimes fail during PDF/X-1a output. (A work around involved installing Adobe Acrobat on the server.) This has been fixed in Prinergy Evo 1.1.6.2.

Web Growth Color Tower Map File Not Found

Previously, output processes with web growth enabled would fail because the Printer JTP failed to find the ColorTowerMap.txt file. Sample web growth profiles were also missing. These problems have been fixed in Prinergy Evo 1.1.6.2.

Custom File Naming Always Gives Warning for DCS Raster Output

This has been fixed in Prinergy Evo 1.1.6.2.

Unable to Restore Configuration Backup Files Created by a Previous Version

Prinergy Evo should be able to restore backup files created by previous versions. This feature was broken in earlier versions of Prinergy Evo 1.1, and is now fixed.

Asian File Names Fail To Output From Mac Client

Some file names with characters outside the Western character set failed to output during the job ticket creation step. This has been fixed in Prinergy Evo 1.1.6.2.

Inappropriate Warning About Imposition Not Fitting On Plate

When using OutputPDF to output pages to plate, if you also shifted the pages, then Prinergy Evo would always warn that the imposition did not fit on the plate. Prinergy Evo 1.1.6.2 properly checks the size of the layouts it creates and only warns you when appropriate.

Macintosh OS X Prinergy Evo Client Crashes After Repeated Use Of The Hot Folders Dialog

This has been fixed in Prinergy Evo 1.1.6.2.

PrintLink File Generation Sometimes Fails When Multiple Output Processes Are Active

This has been fixed in Prinergy Evo 1.1.6.2.

Windows Client Generates Process History Export File On Cancel

The Windows client generated a process history export file even if you clicked Cancel in the Export History dialog. This has been fixed in Prinergy Evo 1.1.6.2.

Macintosh Client Crashes When Replacing Existing Color

When copying a color to a user color database, if that color already existed and you clicked Replace in the warning prompt, then the Macintosh client crashed. This has been fixed in Prinergy Evo 1.1.6.2.

Windows Client Crashes When Selecting A Very Large Number Of Files

The Windows Client crashed when selecting a very large number of files to process. This has been fixed in Prinergy Evo 1.1.6.2.

Enhancements

Support for CJK Font Bundles

Prinergy Evo 1.1.6.2 supports licensing of the Adobe CJK (Chinese, Japanese, Korean) font bundles sold by Creo. The CJK font installers will be made available on the Prinergy Evo 1.1.6.2 DVD and also posted on eCentral. Note that this licensing is unrelated to any CJK fonts purchased directly from Adobe or other font vendors.

Update Tool Checks Internet Explorer Security Settings

In order for Prinergy Evo Administrator to successfully access software updates, Internet Explorer 6.0 or later must be configured with default security settings. Starting with Prinergy Evo 1.1.6.2, Prinergy Evo Administrator warns you if Internet Explorer's security settings are too high for Prinergy Evo Administrator to check for and access updates. It also presents you with an option to automatically correct the problem.

Support for Preps SSiDIGSignature in Custom File Names and Variable Marks

If an imposition job ticket contains the SSiDIGSignature key, then Prinergy Evo 1.1.6.2 will use it for custom file names and variable marks when filling the “sig” field. The SSiDIGSignature contains the correct signature identifier, even if only a single signature is written to the job ticket.

Use Preps JobId In PrintLink PPF Files

Prinergy Evo 1.1.6.2 now uses the JobId field in Preps job tickets to set the job name field in PPF files output by PrintLink. This JobId is required in order for certain press interfaces to accept the PPF files.

Virtual Proofing Software 2.0.3

Prinergy Evo 1.1.6.2 includes Virtual Proofing Software version 2.0.3. You must use this version if using the “Advanced TIFF Tags” option for VPS output. Starting with Prinergy Evo 1.1.6.1, VPS files include a new TIFF tag not supported in VPS 2.0.2, causing VPS 2.0.2 to crash.

Installer Adds FTP Shortcut

The Prinergy Evo installer now adds a shortcut to ftp://ftp.creo.com to the server’s desktop, to help with submission of error report zip files. When reporting Prinergy Evo problems to your customer service representative, files can be submitted to subfolders of the Incoming folder. Create a subfolder under Incoming with your company’s name and submit problem reports to this folder.

Get Keys Button On Prinergy Evo Administrator’s License Tab

The new **Get Keys** button on Prinergy Evo Administrator’s **License** Tab opens Internet Explorer and prompts you to log on to eCentral. From there you can view the latest permanent license keys issued for your Prinergy Evo dongle. For Prinergy Evo 1.0 customers, the page displays your existing 1.0 license key and your new Prinergy Evo 1.1 license key.

Updated GDIPLUS.DLL In Windows Client

The Windows client includes the latest version of Microsoft’s gdiplus.dll, which does not contain the JPEG buffer overflow security vulnerability.

Known Problems

Cannot Apply Web Growth When Converting Spots to Process on Output

Your output process will fail if you attempt to map spot colors to process on output and apply web growth at the same time. Spot colors can still be mapped to other spot colors. Normally spot colors are converted to process during refine, if necessary, or during proofing. When making film or plates for press, spot colors are not typically converted to process.

Adobe Versions

Adobe Software Components In Prinergy Evo

The Adobe CPSI RIP rasterizes documents (note that halftone screening patterns are defined by Creo components).

The Flattener converts documents from PDF to PostScript format.

The Normalizer converts documents from PostScript format to PDF.

Prinergy Evo uses the PDF Library to read, modify, and write PDF documents.

All Prinergy Evo JTPs use PDF Library version 6.0.0 (PDFL60.DLL).

This Prinergy Evo Component	Uses This Version of CPSI RIP	Uses This Version of The Flattener (PDFToPS.dll)	Uses This Version of The Normalizer (nserver.dll)
Printer JTP	3016.102-11	6.0.0 / 3016.102-11	
CEPS Output JTP	3015	5.0.0	
Vector Output JTP		6.0.0 / 3016.102-11	
Normalizer JTP		6.0.0 / 3016.102-01	6.0.4

Prinergy Evo 1.1.6.1 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.6.1 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

After upgrading from Prinergy® Evo 1.0, the core basic features in Prinergy Evo 1.1, which includes the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. In order to use the core Prinergy Evo 1.1 new features, you need to order a new Prinergy Evo 1.1 license key.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys**.
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID**.
4. From the Dongle ID dialog box, write down the dongle identification number.
5. Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

What Is in These Release Notes

The release notes include the following sections:

Problems Fixed—lists problems in the previous release of Prinergy Evo that are now resolved.

New Features—describes new menu commands, options, windows, or dialog boxes that were added to Prinergy Evo software.

Enhancements—describes improvements that were made to existing features.

Known Problems—lists problems that are not yet resolved.

Problems Fixed

This section lists problems that are resolved in the current release of Prinergy Evo software.

Adobe CPSI RIP Font Kerning Problem

The version of the Adobe CPSI 3016 RIP in previous releases of Prinergy Evo has a problem that affects the kerning of some fonts. Affected glyphs are placed incorrectly, for example, overlapping to some degree. The version of the Adobe CPSI 3016 RIP in Prinergy Evo 1.1.6.0 fixes this problem.

Harmony Dot Gain Calibration Curves Unavailable

After opening an existing output process template set to printing-to-device, no dot gain calibration curves were available in the drop down list. They would reappear after changing the output type to another output format and back. This problem is now fixed.

Some Layout Settings Not Saved for Output PDF Process Template

If you created an output PDF process template with the output type set to a vector format (DCS, PDF, PS2, PS3), some settings in the placement section of the LAYOUT section were not saved and appeared with default values when the process template was reopened. This problem is now fixed.

DeviceGray Line Frequency Too Low at 1200 DPI

In an output process template, in the **Render** section, when the output color model is **DeviceGray** at shade **1**, Prinergy Evo imposed screening restrictions to generate higher quality. These restrictions were silent, and the line frequency override at 1200 DPI was too low, at 53 lpi.

Prinergy Evo now reports a warning when it overrides these screens, and the line frequency at 1200 DPI is now 212 lpi.

Documents Not Opening in Adobe Acrobat

If Process Template Editor was running when you double clicked a PDF file, that file would not open in Adobe Acrobat. This problem is now fixed.

Flattening Sometimes Changed Shading Patterns

When refining PDF files that use the PDF 1.4 transparency feature, Prinergy Evo flattened the pages into PDF 1.3 files that looked identical without using transparency. This procedure sometimes changed the tints of vignettes constructed with PDF shading patterns on pages whose MediaBox's lower left corner was not at 0, 0. This problem is now fixed.

DotShop Composer Not Opening Screening Information File

In Prinergy Evo 1.1.4.2, DotShop Composer did not automatically open the default .sif file (screening information file). This problem is now fixed.

Virtual Proofing System Output Failed On Large Pages At High Resolution

Virtual Proofing System output failed on large pages (greater than 60" width or height) at high resolutions (greater than 2400 dpi). This restriction has been removed.

Virtual Proofing System 2 Opacity Sliders Not Working With Virtual Proofing System Files Generated Using JDF

The Virtual Proofing System 2 opacity sliders did not work with Virtual Proofing System files generated with JDF files. This was a problem with Prinergy Evo, not Virtual Proofing System 2, and is now fixed.

Portrait Plate Output Rotated by 180 Degrees

In Prinergy Evo 1.1.4.1 and earlier (including Prinergy Evo 1.0), output was rotated by 180 degrees in Print Console for plates defined with a portrait orientation. In Prinergy Evo 1.1.4.2, the Adobe CPSI RIP fixes this problem.



Note: After upgrading to Prinergy Evo 1.1.4.2, you must update all process templates that compensated for this problem by using a 180 rotation.

Process History Migration Problems

Prinergy Evo 1.1.4.1 had problems migrating process history when upgrading from Prinergy Evo 1.0. The symptoms were that process history would disappear and Prinergy Evo Client software would fail to connect (worked around was to do a level 2 reset to clear process history). This migration problem is fixed in Prinergy Evo 1.1.4.2.

Pandora Clip Paths Shifted

Clip Paths in Pandora job tickets were shifted in Prinergy Evo 1.1.4.1. They are now output correctly.

Quark Express 6.1 PostScript Files with DeviceN color space

With Prinergy Evo 1.0 Quark Xpress 6.1 PostScript files with DeviceN color space would result in a PostScript error during the refine process in Prinergy Evo. This is now fixed and the files refine normally.

Support for Heidelberg SignaStation Job Tickets

Prinergy Evo 1.1.4.2 fixes some problems encountered with processing job tickets from SignaStation®, including colorant detection and clipping path offset.

Problems Color Mapping Imposition Files in the Process Start Dialog Box

When submitting imposition files (PJTF or JDF) that only contain spot colors to Prinergy Evo 1.1.4.2 or 1.1.6.0, Prinergy Evo added CMYK process colors to the list of colors to output. This has been fixed in Prinergy Evo 1.1.6.1.

Alignment Settings in Prinergy Evo 1.1.4.2 and 1.1.6.0 Are Backwards

Previously, Prinergy Evo applies vertical and horizontal alignments settings in the Output PDF process template were backwards. This has been fixed.

Problems converting spots to process when using the "printing-to-device" setting

Processes which converted spots to process when using printing-to-device in the process template would either fail or generate incorrect data on plates. This has been fixed.

Problems processing job tickets that include a Preps blank page

The Preps imposition application includes a blank page icon that you can insert into the page run list. Output imposition processes using these blank pages would fail. This has been fixed.

New Features

After upgrading from Prinergy Evo 1.0, the core basic features in Prinergy Evo 1.1, which includes the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. In order to use the core Prinergy Evo 1.1 new features, you need to order a new Prinergy Evo 1.1 license key.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys**.
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID**.
4. From the Dongle ID dialog box, write down the dongle identification number.
5. Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

Automated Process Template Selection with Hot Folders

This release of Prinergy Evo introduces a new hot folder configuration dialog box that enables you to define a list of processing rules based upon selected processed templates, file type and file name. When a file is dropped into a multiple-process hot folder, the list of processing rules are applied and matched against the file. If all processing rules apply, Prinergy Evo applies the processing rules in parallel to the file thereby, creating multiple processes. For example, a file could be sent to a black and white proofing device and at the same time be sent to a color proofing device.

CEPS Output

A new process type used to output PDF pages in CT/LW or TIFF/IT format.

Separated to Composite Re-combination

The RefineToPDF process template now includes a Re-combine option on the Normalize panel. This feature re-combines separated PDF and PostScript input files into composite PDF files using PDF overprint.

Convert Text To Paths

The latest version of the Adobe CPSI RIP, shipped with Prinergy Evo 1.1.4.2, is more restrictive in enforcing font specifications than previous versions. To work around problems with files that use such fonts, a Convert Text To Paths option has been added to the output process types. If you enable this option, then Prinergy Evo will convert text objects to paths before RIPing the file.

Report Errors From Client

The **System** menu now includes commands to report errors for a specific process or for the system in general. These commands generate the type of error report generated by the Error Reporter that you access from Prinergy Evo Administrator's **Tools** tab.

Windows Client

The Windows version of the Prinergy Evo Client software is now fully functional and can be installed on Windows client computers running Windows XP Professional, Windows 2000 Professional, Windows 2000 Server, or Windows Server 2003 Server.

Easy ReProcessing of Files and Processes

Prinergy Evo 1.1 enables rapid plate remake with the new **Resubmit Process** option in the Prinergy Evo Client. For output imposition processes, you can select a single separation in **Process Viewer**, or a subset of separations, and resubmit the process to only remake the required plates. For all output process types you can select the process in **Process Viewer** and resubmit it in order to remake all plates, or to remake a proof. (Selection of a single separation, or a subset of separations, is only available for output imposition.)

Ability to Delete Individual Processes from the Process Viewer

You can select one or more processes in **Process Viewer** and delete them manually, rather than waiting for Prinergy Evo to delete them automatically when the process retention time expires.

Converting CT/LW and TIFF/IT Input Files to PDF Files During Refine Processing

CEPS Conversion is an optional step for RefineToPDF processes that converts CT/LW and TIFF/IT pages to PDF format. The page content maintains its raster format, but it is placed in a PDF file for output using a Prinergy Evo OutputPDF or OutputImposition process. (Note that these pages are ignored by the Color Matcher and Trapper JTPs.)

Generation of Press Ink Key Initialization Files for Press Consoles

PrintLink is an option for output processes. It generates press ink key initialization files in CIP3 .ppf file format or CIP4 JDF format with .png files.

Output to PDF, PostScript, and DCS Vector File Types from Prinergy Evo 1.1

The Vector Output JTP adds vector file format options to the OutputPDF and OutputImposition process types. File formats include PDF, PDF/X-1a, PDF/X3, PostScript level 2, PostScript level 3, and DCS. The Vector Output JTP can also perform font outlining, converting text content into a vector format that eliminates the page's dependence upon font resources.

Prinergy Evo 1.1 Now Supports Creo's Acrobat DotShop Plug-in

DotShop is a Creo Acrobat plugin used to apply different halftone screens to different objects on a page. DotShop Composer is an accompanying tool that executes on the server and allows you to define the screening options available in the DotShop plugin. The screens applied using DotShop are supported by Prinergy Evo when RIPing the PDF file, provided that the appropriate option is selected in the process template.

More Halftone Screening Options

Prinergy Evo 1.1 includes support for Creo's latest screening options, including MaxTone, Hyperflex, and DigiCap.

Raster Color Management during Output Processing

Select the Raster Color Management option when generating proofs in order to apply color management on continuous tone raster data after RIPing, rather than on vector data before the RIP, in order to accurately proof pages with overprint.

Prinergy Evo Now Supports Scaling of Raster Data

Scales raster data during output after it has been screened to 1 bit raster. You might scale raster data in order to compensate for physical distortions introduced by the printing process.

Prinergy Evo Now Supports Web Growth Compensation

Distorts raster data during output after it has been screened to 1 bit raster. You might distort raster data in order to compensate for physical distortions introduced by the printing process.

Screened Raster Output Can Now be Rotated By Small Angles

This option rotates output by small angles, +/- 3.13 degrees. It operates on screened raster output and can be used to reduce sudden changes in ink usage along the press cylinder, due to large solid areas, and prevent associated printing artifacts. In Prinergy Evo, this is called Flat Rotation.

Customizing Output File Names

Using a simple pattern syntax in process templates, output processes can generate customized file names.

Outputting to Relative File Paths

Using a simple pattern syntax in process templates, all processes can write files to an output folder whose path is constructed using folder names from the input path. This feature allows the same process template to be used for all jobs on a server which are maintained using the same folder hierarchy below the file-specific folder.

OutputPostScript

The OutputPostScript process template enables you to RIP PostScript files without first refining to PDF files. As of Prinergy Evo 1.1.6.0 this feature is still at an evaluation stage. Some valid PostScript files may fail to output. Positioning features such as centre and shift may not work as expected with all PostScript files. Separation output controls may not work as expected. Separated input is not yet supported.

The OutputPostScript process type is currently only available for Prinergy Evo configurations which only include output options (that is, no Refine to PDF).

Enhancements

This section lists features that were improved in this release of Prinergy Evo software. Features that were modified as a result of a problem in the software are described in the *Problems Fixed* section.

Additional Printer Mark

$PrepsJobID can be used to insert the Preps Job identification into a mark.

Additional Custom File Naming Variable

%ColorNum% can be used to insert a numeric value for colors. Cyan = 1, Magenta = 2, Yellow = 3, Black = 4, and spot colors are numbered starting at 5.

Normalizer Page Splitting Option Now Enabled By Default

Prinergy Evo's page splitting option on the **Normalizer** section is now enabled by default in new process templates.

New Normalizer Option Apply Acrobat Rotation

The PDF specification includes an optional Rotate option for pages. You can use this feature to rotate PDF pages in 90 degree increments without altering the page description. Adobe Acrobat has a command to rotate pages and then to save this setting. Not all versions of the Adobe CPSI RIP support this setting.

The **Normalizer** section of the refine to PDF process template now includes an option, **Apply Acrobat Rotation**, that defaults to enabled. When this option is enabled, Prinergy Evo removes the rotate key and applies the specified rotation to the actual page content, such that the page looks identical and any version of the Adobe CPSI RIP will output the page with the expected orientation.

Internationalized Versions of CarbonLib for Macintosh OS 9

The **CarbonLib** folder of the Macintosh OS 9 client disk image now includes internationalized versions of CarbonLib 1.6.

Some Improved Error Messages

When Process Template Editor cannot connect to the Prinergy Evo server due to major version mismatches, it displays an error message that the server cannot be found. The resolution is to install a version of the Prinergy Evo client software that matches the server.

However, for minor version mismatches, Process Template Editor may manage to connect to the server. In this case, some functions, such as process template import and export, would previously silently fail due to minor version mismatches. As of Prinergy Evo 1.1.6.0, Process Template Editor will display an informative error message about the version mismatch prompt you to install an updated version of the client software.

When the installer launches the license manager, and the license manager cannot detect the dongle, the license manager displays an error message that lists several potential problems and resolutions.

Windows Client

The Windows client in Prinergy Evo 1.1.4.2 includes many more detailed features to make it functionally equivalent to the Macintosh client. Examples include the ability to copy and paste colors in the Color Editor dialog box, copy text from history windows, open the Process Template Editor without specifying Prinergy Evo Server, and implementation of the first run dialog box.

Add Colors Before Refine

The Color Mapping dialog box now enables you to map to colors that do not already exist in the input files. Colors can be selected from the color libraries specified in the process template and used as color mapping targets.

Documentation Updated

Updated Prinergy Evo Client Online Help, Prinergy Evo Administrator Online Help, Prinergy Evo Installation Guide and Prinergy Evo System Administrator's Guide.

Prinergy Evo Administrator Displays Number of Connected Clients

Prinergy Evo Administrator, **System** tab, now displays the number of connected Prinergy Evo Clients. This information is useful when stopping or restarting the server.

Remake Process Priority Set to High

Previously, Prinergy Evo started process remakes at the same priority as the original

process. Now they are set to high priority.

Configuration Save / Restore And Migration Now Include Aftermarket Fonts

From the Prinergy Evo Administrator dialog box, **Save/Restore** tab, you can now save and restore installed aftermarket fonts. Prinergy Evo's installer now also migrates installed aftermarket fonts when upgrading to new versions.

Virtual Proofing System 2.0.2

Prinergy Evo 1.1.4.2 ships with Virtual Proofing System version 2.0.2 for both Macintosh OS X and Windows. This is an early production release with no license expiry date.

Addition of [job] Keyword

Starting in Prinergy Evo 1.1, path boxes in process templates support relative path keyword syntaxes, with keywords such as [volume], [folder1], and so on. Prinergy Evo 1.1.4.2 includes a new keyword, [job,] which Prinergy Evo fills using the job name assigned in the Process Start dialog box.

Manual Entry of OPI and Font Search Paths

OPI and font search paths can now be entered manually in RefineToPDF process templates. This enables you to use the relative path keywords (such as [volume], [folder1], and so on) for the OPI and Font search paths and, thereby, use the same process templates for a variety of processes that share the same folder structure.

OutputPDF Step and Repeat Layout Option

The **Layout** section in the OutputPDF process template now includes a **Step and Repeat** option for simple N x M arrangement, using copies of the same page on one surface.

Process History Retention Can Be Specified in Minutes

Process History retention time can now be specified in minutes. This is useful when you use Prinergy Evo for processing very high volumes of pages via hot folders in order, for example, to avoid an excessive number of processes from being displayed in the Prinergy Evo Client interface.

Fail On Missing Fonts Option Supported for Output Process

The Fail On Missing Fonts option is now supported for output processes. Previous releases of Prinergy Evo did not check this setting.

Windows 2003 Server

Prinergy Evo Server is designed to run on Windows 2003 Server, the latest Microsoft Windows server platform.

Output Process Splitting

Prinergy Evo 1.1 splits output processes into several sub-tasks, enabling the first pages or surfaces in an output task to move on to the next processing step while the next pages or surfaces are still in the previous step.

New Deletion Options Added to Hot Folder Functionality

As of Prinergy Evo 1.1.4.1, hot folders include an option to always delete input files. (Existing options were to never delete, or only delete successful files.) Furthermore, files collected for processing as a group are processed alphabetically, and output processes that generate multi-page vector formats are not split (see previous enhancement). These two details help the generation of a multi-page vector output file with pages in the correct order.

Automatic Handling of Generic Spot Colors in Marks Files

For OutputImposition processes, Prinergy Evo scans the marks files for generic spot color names such as "Spot 1", "Spot 05", and "SSiCustom100". When these spot color names only appear in the marks files, and not in the imposed PDF files, Prinergy Evo automatically maps them to real spot colors used in the PDF files. When the number of generic spot color names exceeds the real spot colors in the imposition, Prinergy Evo does not render them. This feature works for processes initiated by both template palettes and hot folders. Prinergy Evo uses these defaults to initialize the Colors dialog, where you can adjust the settings.

Browsing of Network File System (NFS) Volumes

When Services for Unix is installed on Prinergy Evo Server, then you can browse to NFS volumes and shares on the network in Process Template Editor.

Improved Report of Licensed Options

In Prinergy Evo Administrator, the License Manager dialog now displays the list of licensed part numbers and description, rather than the detailed list of individual licensed features included in each part number. The detailed list is still available in an Advanced view dialog box.

Error Reporter Functionality Has Been Improved

Prinergy Evo Error Reporter now scans for active processes too; previously it only presented completed processes in its process list. You can now also select by job name, and you can browse to select additional files to include with the error report, in order to include relevant files associated with a process that Error Reporter does not collect and that will help Creo troubleshoot problems.

Updated Version of Windows Virtual Proofing System

Prinergy Evo 1.1.4.1 includes Windows Virtual Proofing System 2.0.1 Beta 3.

Updated Adobe Components

Prinergy Evo 1.1 uses the latest Adobe software components for converting PostScript to PDF, flattening PDF 1.4 and 1.5 to PDF 1.3, reading and writing PDF files, and RIPing PDF and PostScript to raster formats. Flattening of PDF 1.5 to PDF 1.3 is new to Prinergy Evo 1.1.

User Interface has been localized for Simplified Chinese and Japanese languages

Prinergy Evo 1.1.4.3 user interface is now translated into simplified Chinese and Japanese.

Known Problems

Cannot Define Which Colors To, or Not To, Image During Vector Output

When submitting a file for vector output, you cannot define which colors to image and which colors not to image during processing. Prinergy Evo will output all colors in the refined PDF file during vector output.

Workaround:

1. Create a color user library with a color that will not image on the plate. See *Creating a color user library that will not appear on the plate* on page 44.
2. Create a refine to PDF process template that uses the new user color library and prevents overprint CMYK white colors to knockout colors underneath. See *Creating a refine to PDF process template to prevent colors from being output* on page 45.
3. Create a template palette with the new refine to PDF process template. See the Prinergy Evo Client online help.
4. Submit the input file to the template palette, mapping the colors you don't want to output to the new user color. See *Submitting the Input File to not output colors* on page 45.

   The resulting PDF file does not contain the colors you don't want to output.
5. Submit the PDF file to a vector output process template for imaging.

Creating a color user library that will not appear on the plate

1. From the **Configure** menu, select **Color Database Editor**.

   The Color Database Editor dialog box appears.
2. In the **Color Library** area, select **User Library**.
3. Click **Add**.

   The New User Library dialog box appears.
4. In the **Library Name** box, type a new color library name.
5. In the **Library Color Space** area, select **CMYK**.

6. In the **Colors** area, click **Add**.

   The New Color dialog box appears.

7. In the **Color name** box, type a name for the color. For example, Colors not to output.

8. In the **Alternate Space** area, set the **Cyan**, **Magenta**, **Yellow**, and **Black** boxes all to 0.

9. In the **Trapping Information** section, **Trap Style** list, select **Transparent** (or **Varnish**). Do not select **Opaque** as the color will then knock out any content underneath it.

10. Click **Apply**.

Creating a refine to PDF process template to prevent colors from being output

1. From the **Configure** menu, select **Process Template Editor**.

   The Process Template Editor appears.

2. Select the **Refine to PDF** group.

3. From the **File** menu, select **New Refine to PDF Template**.

   The refine to PDF process template appears.

4. In the **Spot Color Handling** section, select **Lookup Color Recipe in Color Database**.

5. In the **User Libraries** list, select the new do not output color user library.

6. In the **Overprint Conversion** section, clear **Set Overprint CMYK White to Knockout**.

7. Set the remaining parameters as required.

8. From the **File** menu select **Save** to save the new process template.

Submitting the Input File to not output colors

1. Create a template palette and drag the new refine to PDF process template to it. For more information on creating template palettes, see the Prinergy Evo Client online help.

2. Drag the input file to the refine to PDF icon in the template palette.

   The Process Start dialog box appears.

3. Click **Colors**.

   The Color Mapping dialog box appears.

4. From the **Colors** column, select the colors you do not want to output.

5. In the **Action** list, select the new color that you created.

6. Once you have mapped all the colors you do not want to output to the new color you created, click **OK**.

7. Click **Go** to submit the file for processing.

   Prinergy Evo creates a new version of the PDF files with the colors that you don't want output set to overprinting white.

8. Submit the newly re-refined file to a vector output process template, and the colors you mapped will not be in the output.

Staccato Licensing Issues

You cannot manually assign screening licenses to a specific Printer JTP in Prinergy Evo. Therefore, if the Prinergy Evo system is licensed for more than one Printer JTP (for example, low resolution proofing and high resolution output) and you only have one screening license, only one Printer JTP will be (randomly) licensed for Staccato™ screening. This may mean that your low resolution proofing JTP will be licensed for Staccato screening and you cannot use Staccato screening during plate output.

Workaround

Contact your Creo service representative for as many temporary Staccato license keys for which the Prinergy Evo system has licensed Printer JTPs.

Occasionally PrintLink Fails to Generate Ink Key Files

Occasionally, PrintLink fails to generate CIP3 or JDF ink key files. If you resubmit the processes, PrintLink will successfully generate the ink key files.

Vector Output Fails on Some PDF Files

Vector output fails on some PDF files with the error message `PDF library error: cannot write the content stream`.

Workaround

Install Adobe® Acrobat® on the Prinergy Evo server computer.

Vector Output Fails When Standard Fonts Are Not Embedded

Usually, if PDF files processed with the Vector Output JTP use standard PostScript fonts, such as Helvetica, but are missing these fonts, then the Vector Output JTP attempts to embed the fonts into generated output files using the fonts installed with the RIP. This attempt fails in Prinergy Evo 1.1.4.2, and in this case the Vector Output JTP fails to create output.

Workaround:

Refine such PDF files to PDF/X-1a format in order to embed the fonts first.

Output Process Types Do Not Honour Fail On Missing Fonts Setting

The **Fail On Missing Fonts** option in the output process template, **Render** section is ignored during output. Files with missing fonts are output with substituted fonts.

Remake Uses Current Color Definitions

The remake feature (or Resubmit process) saves copies of all input files in order to guarantee that Prinergy Evo creates an exact copy of the original process. However, it does not save copies of color definitions. If color recipes are found in the color libraries (as opposed to within the file itself), then during remake, Prinergy Evo uses the current color definition, not the one in effect at the time of the original process. This is only a problem if color definitions are changed between the times of the two processes.

Process Template Editor Might Connect to Wrong Server (Mac OS X only)

The Process Template Editor might connect to the wrong server if running multiple Prinergy Evo Servers and Mac OS X Clients.

In a network with multiple Prinergy Evo servers, when a Mac OS X Client starts the Process Template Editor while logged on using a different Mac OS X user account than the one which installed the Prinergy Evo Client software, the Process Template Editor might connect to the wrong server.

When you start the Process Template Editor it automatically finds the server that the Prinergy Evo Client software is connected to using a shared file. Under Mac OS X, the Process Template Editor can only access this file when it starts under the same user account that installed the Prinergy Evo Client software. When it starts under another user account, it cannot access that file. It can still find available Prinergy Evo Servers but it may connect to the wrong one. The connected server name is displayed in the Process Template Editor main window title.

Windows does not Support Chinese or Japanese Queue Names in Virtual Printers

Prinergy Evo virtual printer queue names can be assigned a name in any language and these names can be used when setting up the client side printer on the Macintosh (OS 9 and OS X). However, the Windows printer driver for TCP/IP printers does not support use of queue names that require Unicode or multi-byte encoding.

Vector Output Does Not Map Spot Colors to Process

During the output of composite vector files, you cannot color map. Prinergy Evo outputs all colors. During the output of separated vector files, you can select which separations to output, but you cannot map the spot colors to process. You can only map spot colors to process during refine. The color mapping dialog should not actually allow you to map colors to process when the output format is vector.

If you need to generate vector files for proofing with a subset of the colors, then you must refine the PDF files to your desired color set, and then send those files through vector output.

Web Growth Color Tower Map File Not Found

For web growth, the sample .wpg files (web growth profile files) and **ColorTowerMap.txt** file are installed into **\\<PrinergyEvoServerName>\PgyEvoConfig\WebGrowthProfiles**. Prinergy Evo 1.1.6.1 requires that the **ColorTowerMap.txt** file is stored in the **<Prinergy Evo Install Dir>\static_data\common** directory. Therefore, Prinergy Evo cannot find the Color Tower Map file during processing.

Workaround:

Copy the **ColorTowerMap.txt** file to the **<Prinergy Evo Install Dir>\static_data\common** directory, and edit the file from that location. Be careful not to modify any other files in that folder, as the Prinergy Evo system could be damaged.



Note: This problem will be fixed in a future release. Once fixed, you will have to move any modified ColorTowerMap.txt files back to the **\\<PrinergyEvoServerName>\PgyEvoConfig\WebGrowthProfiles** directory.

Output TIFF, Output PostScript, and CEPS Output

These new process types are visible in the Prinergy Evo Client software, but they are not functional yet in Prinergy Evo 1.1.6.1. The release notes for the version which supports these process types will include a description in the *Enhancements* section.

Problems Color Mapping Imposition Files in the Process Start Dialog Box

If submitting imposition files (PJTF or JDF) that only contain spot colors to Prinergy Evo 1.1.4.2 or 1.1.6.0, Prinergy Evo adds CMYK process colors to the list of colors to output. The Process Start dialog box displays that the output will contain CMYK plus the spot colors. For example, the back surface of a signature should only have Black and PANTONE Red 032 C. In Prinergy Evo 1.1.4.2 and 1.1.6.0, the back surface shows CMYK plus Red 032.

Workaround:

1. In the Process Start dialog box, click **Colors**.
2. In the Color Mapping dialog box, select the CMYK process colors that you do not want to output.

3. In the **Action** list, select **Do Not Output**.

OutputPostScript

As of Prinergy Evo 1.1.6.0 this feature is still at an evaluation stage. Some valid PostScript files may fail to output. Positioning features such as centre and shift may not work as expected with all PostScript files. Separation output controls may not work as expected. Separated input is not supported yet.

Prinergy Evo 1.1.6.0 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.6.0 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

What Is in These Release Notes

The release notes include the following sections:

Problems Fixed—lists problems in the previous release of Prinergy Evo that are now resolved.

New Features—describes new menu commands, options, windows, or dialog boxes that were added to Prinergy Evo software.

Enhancements—describes improvements that were made to existing features.

Known Problems—lists problems that are not yet resolved.

Problems Fixed

This section lists problems that are resolved in the current release of Prinergy Evo software.

Adobe CPSI RIP Font Kerning Problem

The version of the Adobe CPSI 3016 RIP in previous releases of Prinergy Evo has a problem that affects the kerning of some fonts. Affected glyphs are placed incorrectly, for example, overlapping to some degree. The version of the Adobe CPSI 3016 RIP in Prinergy Evo 1.1.6.0 fixes this problem.

Harmony Dot Gain Calibration Curves Unavailable

After opening an existing output process template set to printing-to-device, no dot gain calibration curves were available in the drop down list. They would reappear after changing the output type to another output format and back. This problem is now fixed.

Some Layout Settings Not Saved for Output PDF Process Template

If you created an output PDF process template with the output type set to a vector format (DCS, PDF, PS2, PS3), some settings in the placement section of the LAYOUT section were not saved and appeared with default values when the process template was reopened. This problem is now fixed.

DeviceGray Line Frequency Too Low at 1200 DPI

In an output process template, in the **Render** section, when the output color model is **DeviceGray** at shade **1**, Prinergy Evo imposed screening restrictions to generate higher quality. These restrictions were silent, and the line frequency override at 1200 DPI was too low, at 53 lpi.

Prinergy Evo now reports a warning when it overrides these screens, and the line frequency at 1200 DPI is now 212 lpi.

Documents Not Opening in Adobe Acrobat

If Process Template Editor was running when you double clicked a PDF file, that file would not open in Adobe Acrobat. This problem is now fixed.

Flattening Sometimes Changed Shading Patterns

When refining PDF files that use the PDF 1.4 transparency feature, Prinergy Evo flattened the pages into PDF 1.3 files that looked identical without using transparency. This procedure sometimes changed the tints of vignettes constructed with PDF shading patterns on pages whose MediaBox's lower left corner was not at 0, 0. This problem is now fixed.

DotShop Composer Not Opening Screening Information File

In Prinergy Evo 1.1.4.2, DotShop Composer did not automatically open the default .sif file (screening information file). This problem is now fixed.

Virtual Proofing System Output Failed On Large Pages At High Resolution

Virtual Proofing System output failed on large pages (greater than 60" width or height) at high resolutions (greater than 2400 dpi). This restriction has been removed.

Virtual Proofing System 2 Opacity Sliders Not Working With Virtual Proofing System Files Generated Using JDF

The Virtual Proofing System 2 opacity sliders did not work with Virtual Proofing System files generated with JDF files. This was a problem with Prinergy Evo, not Virtual Proofing System 2, and is now fixed.

New Features

Some these new features are chargeable product options.

After upgrading from Prinergy Evo 1.0, the core basic features in Prinergy Evo 1.1, which includes the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. In order to use the core Prinergy Evo 1.1 new features, you need to order a new Prinergy Evo 1.1 license key.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys**.
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID**.
4. From the Dongle ID dialog box, write down the dongle identification number.
5. Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

OutputPostScript

The OutputPostScript process template enables you to RIP PostScript files without first refining to PDF files. As of Prinergy Evo 1.1.6.0 this feature is still at an evaluation stage. Some valid PostScript files may fail to output. Positioning features such as centre and shift may not work as expected with all PostScript files. Separation output controls may not work as expected. Separated input is not yet supported.

The OutputPostScript process type is currently only available for Prinergy Evo configurations which only include output options (that is, no Refine to PDF).

Enhancements

This section lists features that were improved in this release of Prinergy Evo software. Features that were modified as a result of a problem in the software are described under Problems Fixed.

Additional Printer Mark

$PrepsJobID can be used to insert the Preps Job identification into a mark.

Additional Custom File Naming Variable

%ColorNum% can be used to insert a numeric value for colors. Cyan = 1, Magenta = 2, Yellow = 3, Black = 4, and spot colors are numbered starting at 5.

Normalizer Page Splitting Option Now Enabled By Default

Prinergy Evo's page splitting option on the **Normalizer** section is now enabled by default in new process templates.

New Normalizer Option Apply Acrobat Rotation

The PDF specification includes an optional Rotate option for pages. You can use this feature to rotate PDF pages in 90 degree increments without altering the page description. Adobe Acrobat has a command to rotate pages and then to save this setting. Not all versions of the Adobe CPSI RIP support this setting.

The **Normalizer** section of the refine to PDF process template now includes an option, **Apply Acrobat Rotation**, that defaults to enabled. When this option is enabled, Prinergy Evo removes the rotate key and applies the specified rotation to the actual page content, such that the page looks identical and any version of the Adobe CPSI RIP will output the page with the expected orientation.

Internationalized Versions of CarbonLib for Macintosh OS 9

The **CarbonLib** folder of the Macintosh OS 9 client disk image now includes internationalized versions of CarbonLib 1.6.

Some Improved Error Messages

When Process Template Editor cannot connect to the Prinergy Evo server due to major version mismatches, it displays an error message that the server cannot be found. The resolution is to install a version of the Prinergy Evo client software that matches the server.

However, for minor version mismatches, Process Template Editor may manage to connect to the server. In this case, some functions, such as process template import and export, would previously silently fail due to minor version mismatches. As of Prinergy Evo 1.1.6.0, Process Template Editor will display an informative error message about the version mismatch prompt you to install an updated version of the client software.

When the installer launches the license manager, and the license manager cannot detect the dongle, the license manager displays an error message that lists several potential problems and resolutions.

Known Problems

Problems Color Mapping Imposition Files in the Process Start Dialog Box

If submitting imposition files (PJTF or JDF) that only contain spot colors to Prinergy Evo 1.1.4.2 or 1.1.6.0, Prinergy Evo adds CMYK process colors to the list of colors to output. The Process Start dialog box displays that the output will contain CMYK plus the spot colors. For example, the back surface of a signature should only have Black and PANTONE Red 032 C. In Prinergy Evo 1.1.4.2 and 1.1.6.0, the back surface shows CMYK plus Red 032.

Workaround:

1. In the Process Start dialog box, click **Colors**.

2. In the Color Mapping dialog box, select the CMYK process colors that you do not want to output.
3. In the **Action** list, select **Do Not Output**.

OutputPostScript

As of Prinergy Evo 1.1.6.0 this feature is still at an evaluation stage. Some valid PostScript files may fail to output. Positioning features such as centre and shift may not work as expected with all PostScript files. Separation output controls may not work as expected. Separated input is not supported yet.

Prinergy Evo 1.1.4.3 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.4.3 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

What Is in These Release Notes

The release notes include the following sections:

Enhancements—describes improvements that were made to existing features.

Enhancements

User Interface has been localized for Simplified Chinese and Japanese languages

Prinergy Evo 1.1.4.3 user interface is now translated into simplified Chinese and Japanese.

Prinergy Evo 1.1.4.2 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.4.2 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

What Is in These Release Notes

The release notes include the following sections:

Problems Fixed—lists problems in the previous release of Prinergy Evo that are now resolved.

New Features—describes new menu commands, options, windows, or dialog boxes that were added to Prinergy Evo software.

Enhancements—describes improvements that were made to existing features.

Known Problems—lists problems that are not yet resolved.

Problems Fixed

This section lists problems that are resolved in the current release of Prinergy Evo software.

Portrait Plate Output Rotated by 180 Degrees

In Prinergy Evo 1.1.4.1 and earlier (including Prinergy Evo 1.0), output was rotated by 180 degrees in Print Console for plates defined with a portrait orientation. In Prinergy Evo 1.1.4.2, the Adobe CPSI RIP fixes this problem.



Note: After upgrading to Prinergy Evo 1.1.4.2, you must update all process templates that compensated for this problem by using a 180 rotation.

Process History Migration Problems

Prinergy Evo 1.1.4.1 had problems migrating process history when upgrading from Prinergy Evo 1.0. The symptoms were that process history would disappear and Prinergy Evo Client software would fail to connect (worked around was to do a level 2 reset to clear process history). This migration problem is fixed in Prinergy Evo 1.1.4.2.

Pandora Clip Paths Shifted

Clip Paths in Pandora job tickets were shifted in Prinergy Evo 1.1.4.1. They are now output correctly.

Quark Express 6.1 PostScript Files with DeviceN color space

With Prinergy Evo 1.0 Quark Xpress 6.1 PostScript files with DeviceN color space would result in a PostScript error during the refine process in Prinergy Evo. This is now fixed and the files refine normally.

Support for Heidelberg SignaStation Job Tickets

Prinergy Evo 1.1.4.2 fixes some problems encountered with processing job tickets from SignaStation®, including colorant detection and clipping path offset.

New Features

Some these new features are chargeable product options.

After upgrading from Prinergy Evo 1.0, the core basic features in Prinergy Evo 1.1, which includes the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. In order to use the core Prinergy Evo 1.1 new features, you need to order a new Prinergy Evo 1.1 license key.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys**.
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID**.
4. From the Dongle ID dialog box, write down the dongle identification number.
5. Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

Automated Process Template Selection with Hot Folders

This release of Prinergy Evo introduces a new hot folder configuration dialog box that enables you to define a list of processing rules based upon selected processed templates, file type and file name. When a file is dropped into a multiple-process hot folder, the list of processing rules are applied and matched against the file. If all processing rules apply, Prinergy Evo applies the processing rules in parallel to the file thereby, creating multiple processes. For example, a file could be sent to a black and white proofing device and at the same time be sent to a color proofing device.

CEPS Output

A new process type used to output PDF pages in CT/LW or TIFF/IT format.

Separated to Composite Re-combination

The RefineToPDF process template now includes a Re-combine option on the Normalize panel. This feature re-combines separated PDF and PostScript input files into composite PDF files using PDF overprint.

Convert Text To Paths

The latest version of the Adobe CPSI RIP, shipped with Prinergy Evo 1.1.4.2, is more restrictive in enforcing font specifications than previous versions. To work around problems with files that use such fonts, a Convert Text To Paths option has been added to the output process types. If you enable this option, then Prinergy Evo will convert text objects to paths before RIPing the file.

Report Errors From Client

The **System** menu now includes commands to report errors for a specific process or for the system in general. These commands generate the type of error report generated by the Error Reporter that you access from Prinergy Evo Administrator's **Tools** tab.

Enhancements

This section lists features that were improved in this release of Prinergy Evo software. Features that were modified as a result of a problem in the software are described under Problems Fixed.

Windows Client

The Windows client in Prinergy Evo 1.1.4.2 includes many more detailed features to make it functionally equivalent to the Macintosh client. Examples include the ability to copy and paste colors in the Color Editor dialog box, copy text from history windows, open the Process Template Editor without specifying Prinergy Evo Server, and implementation of the first run dialog box.

Add Colors Before Refine

The Color Mapping dialog box now enables you to map to colors that do not already exist in the input files. Colors can be selected from the color libraries specified in the process template and used as color mapping targets.

Documentation Updated

Updated Prinergy Evo Client Online Help, Prinergy Evo Administrator Online Help, Prinergy Evo Installation Guide and Prinergy Evo System Administrator's Guide.

Prinergy Evo Administrator Displays Number of Connected Clients

Prinergy Evo Administrator, **System** tab, now displays the number of connected Prinergy Evo Clients. This information is useful when stopping or restarting the server.

Remake Process Priority Set to High

Previously, Prinergy Evo started process remakes at the same priority as the original process. Now they are set to high priority.

Configuration Save / Restore And Migration Now Include Aftermarket Fonts

From the Prinergy Evo Administrator dialog box, **Save/Restore** tab, you can now save and restore installed aftermarket fonts. Prinergy Evo's installer now also migrates installed aftermarket fonts when upgrading to new versions.

Virtual Proofing System 2.0.2

Prinergy Evo 1.1.4.2 ships with Virtual Proofing System version 2.0.2 for both Macintosh OS X and Windows. This is an early production release with no license expiry date.

Addition of [job] Keyword

Starting in Prinergy Evo 1.1, path boxes in process templates support relative path keyword syntaxes, with keywords such as [volume], [folder1], and so on. Prinergy Evo 1.1.4.2 includes a new keyword, [job,] which Prinergy Evo fills using the job name assigned in the Process Start dialog box.

Manual Entry of OPI and Font Search Paths

OPI and font search paths can now be entered manually in RefineToPDF process templates. This enables you to use the relative path keywords (such as [volume], [folder1], and so on) for the OPI and Font search paths and, thereby, use the same process templates for a variety of processes that share the same folder structure.

OutputPDF Step and Repeat Layout Option

The **Layout** section in the OutputPDF process template now includes a **Step and Repeat** option for simple N x M arrangement, using copies of the same page on one surface.

Process History Retention Can Be Specified in Minutes

Process History retention time can now be specified in minutes. This is useful when you use Prinergy Evo for processing very high volumes of pages via hot folders in order, for example, to avoid an excessive number of processes from being displayed in the Prinergy Evo Client interface.

Known Problems

Harmony Calibration curve not found on direct output in Prinergy Evo

Output process templates that are set to print directly to the device do not update with new Harmony curves nor can they access any Harmony curves after changes are made in the Harmony data base.

Workaround:

In the output process template, Output to list, select a different output type, other other than printing-to-device (for example, TIFF).

In the Calibration & Screening section, Harmony list, select the correct Harmony calibration curve.

Failure to select the correct Harmony curve may result in the curve not being used and output being created that is not correctly calibrated.

If, in the output process template, Calibration & Screening section, Harmony list, no Harmony curves appear refer to the Prinergy Evo Installation or System Administration guide to insure that Harmony is installed correctly.

If the curves still do not appear, in the output process template dialog box, make sure in the Output to list that printing-to-device is not selected. If printing to device is selected, change the Output to list selection to TIFF.

Vector Output Fails When Standard Fonts Are Not Embedded

Usually, if PDF files processed with the Vector Output JTP use standard PostScript fonts, such as Helvetica, but are missing these fonts, then the Vector Output JTP attempts to embed the fonts into generated output files using the fonts installed with the RIP. This attempt fails in Prinergy Evo 1.1.4.2, and in this case the Vector Output JTP fails to create output.

Workaround

Refine such PDF files to PDF/X-1a format in order to embed the fonts first.

Output Process Types Do Not Honour Fail On Missing Fonts Setting

The **Fail On Missing Fonts** option in the output process template, **Render** section is ignored during output. Files with missing fonts are output with substituted fonts.

Remake Uses Current Color Definitions

The remake feature (or Resubmit process) saves copies of all input files in order to guarantee that Prinergy Evo creates an exact copy of the original process. However, it does not save copies of color definitions. If color recipes are found in the color libraries (as opposed to within the file itself), then during remake, Prinergy Evo uses the current color definition, not the one in effect at the time of the original process. This is only a problem if color definitions are changed between the times of the two processes.

Process Template Editor Might Connect to Wrong Server (Mac OS X only)

The Process Template Editor might connect to the wrong server if running multiple Prinergy Evo Servers and Mac OS X Clients.

In a network with multiple Prinergy Evo servers, when a Mac OS X Client starts the Process Template Editor while logged on using a different Mac OS X user account than the one which installed the Prinergy Evo Client software, the Process Template Editor might connect to the wrong server.

When you start the Process Template Editor it automatically finds the server that the Prinergy Evo Client software is connected to using a shared file. Under Mac OS X, the Process Template Editor can only access this file when it starts under the same user account that installed the Prinergy Evo Client software. When it starts under another user account, it cannot access that file. It can still find available Prinergy Evo Servers but it may connect to the wrong one. The connected server name is displayed in the Process Template Editor main window title.

Windows does not Support Chinese or Japanese Queue Names in Virtual Printers

Prinergy Evo virtual printer queue names can be assigned a name in any language and these names can be used when setting up the client side printer on the Macintosh (OS 9 and OS X). However, the Windows printer driver for TCP/IP printers does not support use of queue names that require Unicode or multi-byte encoding.

Prinergy Evo 1.1.4.1 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.1.4.1 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

What Is in These Release Notes

The release notes include the following sections:

Problems Fixed—lists problems in the previous release of Prinergy Evo that are now resolved.

New Features—describes new menu commands, options, windows, or dialog boxes that were added to Prinergy Evo software.

Enhancements—describes improvements that were made to existing features.

Known Problems—lists problems that are not yet resolved.

Problems Fixed

This section lists problems that are resolved in the current release of Prinergy Evo software.

Problems converting spots to process when using the "printing-to-device" setting

Processes which converted spots to process when using printing-to-device in the process template would either fail or generate incorrect data on plates. This has been fixed.

Problems processing job tickets that include a Preps blank page

The Preps imposition application includes a blank page icon that you can insert into the page run list. Output imposition processes using these blank pages would fail. This has been fixed.

New Features

After upgrading from Prinergy Evo 1.0, the core basic features in Prinergy Evo 1.1, which includes the refine OPI replacement, vector output to plate or proof, and process remake, may not be available. In order to use the core Prinergy Evo 1.1 new features, you need to order a new Prinergy Evo 1.1 license key.

To order a new license key:

1. On the Prinergy Evo server computer, open the Prinergy Evo Administrator.
2. In the **License** tab, click **View keys**.
3. In the Prinergy Evo License Manager dialog box, click **Dongle ID**.
4. From the Dongle ID dialog box, write down the dongle identification number.
5. Contact your Creo service representative, supplying them with the dongle identification number and requesting a new Prinergy Evo 1.1 basic license key.

Windows Client

The Windows version of the Prinergy Evo Client software is now fully functional and can be installed on Windows client computers running Windows XP Professional, Windows 2000 Professional, Windows 2000 Server, or Windows Server 2003 Server.

Easy ReProcessing of Files and Processes

Prinergy Evo 1.1 enables rapid plate remake with the new **Resubmit Process** option in the Prinergy Evo Client. For output imposition processes, you can select a single separation in **Process Viewer**, or a subset of separations, and resubmit the process to only remake the required plates. For all output process types you can select the process in **Process Viewer** and resubmit it in order to remake all plates, or to remake a proof. (Selection of a single separation, or a subset of separations, is only available for output imposition.)

Ability to Delete Individual Processes from the Process Viewer

You can select one or more processes in **Process Viewer** and delete them manually, rather than waiting for Prinergy Evo to delete them automatically when the process retention time expires.

Converting CT/LW and TIFF/IT Input Files to PDF Files During Refine Processing

CEPS Conversion is an optional step for RefineToPDF processes that converts CT/LW and TIFF/IT pages to PDF format. The page content maintains its raster format, but it is placed in a PDF file for output using a Prinergy Evo OutputPDF or OutputImposition process. (Note that these pages are ignored by the Color Matcher and Trapper JTPs.)

Generation of Press Ink Key Initialization Files for Press Consoles

PrintLink is an option for output processes. It generates press ink key initialization files in CIP3 .ppf file format or CIP4 JDF format with .png files.

Output to PDF, PostScript, and DCS Vector File Types from Prinergy Evo 1.1

The Vector Output JTP adds vector file format options to the OutputPDF and OutputImposition process types. File formats include PDF, PDF/X-1a, PDF/X3, PostScript level 2, PostScript level 3, and DCS. The Vector Output JTP can also perform font outlining, converting text content into a vector format that eliminates the page's dependence upon font resources.

Prinergy Evo 1.1 Now Supports Creo's Acrobat DotShop Plug-in

DotShop is a Creo Acrobat plugin used to apply different halftone screens to different objects on a page. DotShop Composer is an accompanying tool that executes on the server and allows you to define the screening options available in the DotShop plugin. The screens applied using DotShop are supported by Prinergy Evo when RIPing the PDF file, provided that the appropriate option is selected in the process template.

More Halftone Screening Options

Prinergy Evo 1.1 includes support for Creo's latest screening options, including Maxtone, HyperFlex, and DigiCap.

Raster Color Management during Output Processing

Select the Raster Color Management option when generating proofs in order to apply color management on continuous tone raster data after RIPing, rather than on vector data before the RIP, in order to accurately proof pages with overprint.

Prinergy Evo Now Supports Scaling of Raster Data

Scales raster data during output after it has been screened to 1 bit raster. You might scale raster data in order to compensate for physical distortions introduced by the printing process.

Prinergy Evo Now Supports Web Growth Compensation

Distorts raster data during output after it has been screened to 1 bit raster. You might distort raster data in order to compensate for physical distortions introduced by the printing process.

Screened Raster Output Can Now be Rotated By Small Angles

This option rotates output by small angles, +/- 3.13 degrees. It operates on screened raster output and can be used to reduce sudden changes in ink usage along the press cylinder, due to large solid areas, and prevent associated printing artifacts. In Prinergy Evo, this is called Flat Rotation.

Customizing Output File Names

Using a simple pattern syntax in process templates, output processes can generate customized file names.

Outputting to Relative File Paths

Using a simple pattern syntax in process templates, all processes can write files to an output folder whose path is constructed using folder names from the input path. This feature allows the same process template to be used for all jobs on a server which are maintained using the same folder hierarchy below the file-specific folder.

Enhancements

This section lists features that were improved in this release of Prinergy Evo software. Features that were modified as a result of a problem in the software are described in the *Problems Fixed* section.

Documentation Updated

Updated Prinergy Evo Client Online Help, Prinergy Evo Administrator Online Help, Prinergy Evo Installation Guide and Prinergy Evo System Administrator's Guide.

Windows 2003 Server

Prinergy Evo Server is designed to run on Windows 2003 Server, the latest Microsoft Windows server platform.

Output Process Splitting

Prinergy Evo 1.1 splits output processes into several sub-tasks, enabling the first pages or surfaces in an output task to move on to the next processing step while the next pages or surfaces are still in the previous step.

New Deletion Options Added to Hot Folder Functionality

As of Prinergy Evo 1.1.4.1, hot folders include an option to always delete input files. (Existing options were to never delete, or only delete successful files.) Furthermore, files collected for processing as a group are processed alphabetically, and output processes that generate multi-page vector formats are not split (see previous enhancement). These two details help the generation of a multi-page vector output file with pages in the correct order.

Automatic Handling of Generic Spot Colors in Marks Files

For OutputImposition processes, Prinergy Evo scans the marks files for generic spot color names such as "Spot 1", "Spot 05", and "SSiCustom100". When these spot color names only appear in the marks files, and not in the imposed PDF files, Prinergy Evo automatically maps them to real spot colors used in the PDF files.

When the number of generic spot color names exceeds the real spot colors in the imposition, Prinergy Evo does not render them. This feature works for processes initiated by both template palettes and hot folders. Prinergy Evo uses these defaults to initialize the Colors dialog, where you can adjust the settings.

Browsing of Network File System (NFS) Volumes

When Services for Unix is installed on Prinergy Evo Server, then you can browse to NFS volumes and shares on the network in Process Template Editor.

Improved Report of Licensed Options

In Prinergy Evo Administrator, the License Manager dialog now displays the list of licensed part numbers and description, rather than the detailed list of individual licensed features included in each part number. The detailed list is still available in an Advanced view dialog box.

Error Reporter Functionality Has Been Improved

Prinergy Evo Error Reporter now scans for active processes too; previously it only presented completed processes in its process list. You can now also select by job name, and you can browse to select additional files to include with the error report, in order to include relevant files associated with a process that Error Reporter does not collect and that will help Creo troubleshoot problems.

Updated Version of Windows Virtual Proofing System

Prinergy Evo 1.1.4.1 includes Windows Virtual Proofing System 2.0.1 Beta 3.

Updated Adobe Components

Prinergy Evo 1.1 uses the latest Adobe software components for converting PostScript to PDF, flattening PDF 1.4 and 1.5 to PDF 1.3, reading and writing PDF files, and RIPing PDF and PostScript to raster formats. Flattening of PDF 1.5 to PDF 1.3 is new to Prinergy Evo 1.1.

Known Problems

Output TIFF, Output PostScript, and CEPS Output

These new process types are visible in the Prinergy Evo Client software, but they are not functional yet in Prinergy Evo 1.1.4.1. The release notes for the version which supports these process types will include a description in the *New Features* section.

Prinergy Evo 1.0.6.2 Release Notes

Introduction

We are pleased to send you the latest revision of Prinergy Evo software. These release notes highlight the changes and improvements that were made to release 1.0.6.2 of Prinergy Evo software. Where appropriate, they refer you to the Prinergy Evo documentation set for more information.

What Is in These Release Notes

The release notes include the following sections:

Problems Fixed—lists problems in the previous release of Prinergy Evo that are now resolved.

Enhancements—describes improvements that were made to existing features.

Known Problems—lists problems that are not yet resolved.

Problems Fixed

This section lists problems that are resolved in the current release of Prinergy Evo software.

Color Management on output processes would take longer than required

Sometimes, during the output process (Output PDF or Output Imposition), files requiring color management were processed multiple times, which created a degradation in performance. This has been fixed.

Virtual Printers sometimes corrupted incoming data when the system was under a heavy processing load

If the Prinergy Evo Server software was under a heavy processing load, printing multiple jobs to a Refine to PDF Virtual Printer could sometimes cause incorrect PDF files to be created. This has been fixed.

When the same files were submitted for multiple processes, the temporary files were all saved in the same location sometimes causing process failures

When the same files were submitted for multiple processes, Prinergy Evo created and saved the temporary files in the same location. Sometimes, the temporary files would overwrite each other or cause problems that would result in process failures. This has been fixed.

Removed extraneous characters from output filenames

For output processes (both OutputPDF and OutputImpositions), Prinergy Evo would put "(p1)" as part of the filename. This addition to the filename was extraneous and didn't appear to be adding any value to the filename. It has been removed.

Macintosh clients unexpectedly stopped working when viewing process history

When viewing the process history on the Macintosh client, the client would sometimes unexpectedly stop working. This has been fixed.

The Error Reporter feature was unable to gather files with non-ASCII filenames

This has been fixed.

Addressed a number of issues with regards to connecting Prinergy Evo to the Veris proofing device

- Fixed a number of problems related to Veris connectivity.
- Added the Veris Sheet Template feature.

In Acrobat 6, the TrapEditor plug-in would sometimes generate an error complaining that it could not locate the CMAP files

On systems running Acrobat 6 only the Trap Editor plug-in would sometimes generate an error stating that it could not locate the **CMAP** files. This has been fixed. It was an issue on systems that only had Acrobat 6 installed (if both Acrobat 5 and 6 were installed, the problem would not occur).

Trap scaling for small colored text including white, was not applied to rich black traps

This has been fixed. The trap scaling for small colored text is now multiplied by the black width scaling setting to determine the final trap scaling for rich black traps around non-black text.

Fixed two problems where converting spot colors to process failed while printing directly to the device

These two problems have been fixed. The first problem caused a corrupt image on the output device media (both platesetters and imagesetters). The second problem caused the output process to fail.



Note: Generally, we recommend you convert spot colors to process colors during the refine process. We do not recommend that you convert your spot colors to process during plate or film output as this could result in incorrect traps, as well as, prevent you from proofing the output before committing it to plate or film.

Producing LQS TIFF output sometimes does not create the LQS TIFF INI files

Sometimes, the INI file in the LQS TIFF file set would not be created. This has been fixed.

Automatically map spot colors in the content to spot colors in imposition marks

Previously, imposition marks spot colors were not being mapped to the page content's spot colors. Now, imposition mark's spot colors are automatically mapped to the page content's spot colors.

For example, usually, if a six color color bar is placed as an imposition mark (where the color bar contains C, M, Y, K, Spot 1, Spot 2), when the imposition is output, you want to map the first spot color in the page content to the Spot 1 color swatch in the color bar (similarly with the second spot color in the page content and Spot 2). This will now occur automatically with Prinergy Evo.



For more information, see the Prinergy Evo online help.

Added more extra spacing options to OutputPDF processing

In previous versions of Prinergy Evo, extra space could only be added to the bottom and right margins when doing an OutputPDF. You can now add extra space to the top and left margins. In the Process Template Editor, in the OutputPDF process template dialog box, **Layout** section, **Add Extra Horizontal Space** and **Add Extra Vertical Space** boxes, select **Left margin only** and **Top margin only**, respectively.

Setting the **Add Extra Vertical Space** box to **Top Margin**, allows you to define a shift relative to the bottom edge of the plate (the gripper edge) that will work for any page size. That way, the same OutputPDF process template can be used for multiple page sizes while maintaining the required offset between the bottom edge of the page and the gripper edge of the plate.

Note that the amount of extra space that is added is configured in the **Extra Margin for Marks and Bleed** box in the OutputPDF process template dialog box, **Layout** section.

Enhancements

This section lists features that were improved in this release of Prinergy Evo software. Features that were modified as a result of a problem in the software are described in *Problems Fixed* on page 71.

Updated Prinergy Evo Client Online Help, Prinergy Evo Administrator Online Help, Prinergy Evo Installation Guide and Prinergy Evo System Administrator's Guide

Enhanced the update mechanism to warn you if you are choosing to migrate data from the non-active version of Prinergy Evo

During the update process, Prinergy Evo Installation software prompts you to select from which version of data to migrate (if at all). The default version has been changed to be the currently active version. If you select the non-active version, Prinergy Evo Installer will warn you of this fact.

Removed the GenericGray ICC profile

This ICC profile was erroneously shipped with previous Prinergy Evo versions. It has been removed from the distribution. If you require a gray profile, use the GenericGray-Output ICC profile.

Added the ability to support an embedded Output Intent in a PDF/X-3 file

In Refine to PDF process template dialog box, **Match Colors** section, the **Prefer embedded PDF/X-3 Output Intents for Final Output Profile** check box was added. If you select this box, and submit a PDF/X-3 file for processing, Prinergy Evo uses the output intent embedded in the PDF/X-3 file instead of the profile specified in the **Final Output Profile** box. By default the **Prefer embedded PDF/X-3 Output Intents for Final Output Profile** check box is cleared.

Added VPS 2.0 for Windows software beta version

This beta version expires in May 2004.

Added the ability to process Preps PJTF or JDF files that contain Preps blank pages

Prinergy Evo can now process imposed Preps PJTF or JDF files that were created using the Preps blank pages.

Known Problems

This section lists known problems in Prinergy Evo software. They may be outstanding issues from a previous release or new problems. When a problem listed here is resolved, the solution is described in the *Problems Fixed* section of the release notes for the next version of Prinergy Evo software.

The Color Management engine does not process overprinted objects

When the Color Management engine processes a file and it encounters a series of objects that are overprinting, the engine will only apply color management to the top object. All other overprinted objects will not be processed.

Windows shares mounted on Mac OS X using SMB do not refresh properly

This is a limitation of the SMB implementation in the Mac OS X operating system.

Work around:

Copy a file from the Mac to the Windows share (to force a refresh).

PDF Files Referenced By PJTF/JDF Impositions Must Reside on The Prinergy Evo Server

Any PDF files that are referenced by PJTF or JDF impositions must be located on the Prinergy Evo server.

Windows Client Is Not Feature Complete

The Windows client is not feature complete at this time. Notable features absent are file submission, hot folder and virtual printer configuration, and the Color Database Editor dialog box. However, the Windows client does completely shows process status and progress, including the history details. The Windows Client is, therefore, useful to monitor process progress.

Windows Client Only Available on the Prinergy Evo Server

The Windows client can only be run on the Prinergy Evo server at this time.

Separated PDF files Cannot Be Color Managed Or Trapped

The Prinergy Evo Color Management and Trapping JTPs cannot process separated PDF data.

Apple's Mac OS X Can Only Mount Windows Share Names That Are Twelve (12) Characters Or Less

Limitation of Apple's Mac OS X operating system SMB implementation.

No Mechanism To Selectively Output PDF Pages in A Multi-page PDF File

There is no way to output specific pages using the Output PDF processing type for a multi-page PDF file as input. For example, if you have a single PDF file with six pages, you cannot choose to only make a proof of page 4; you must proof all six pages.

Workaround:

Refine the multi-page PDF file and in the Refine to PDF process template dialog box, Normalize section, select the Split multi-page PDF files check box. This will give you a single PDF page in each file which can then be selectively submitted for output.

Process And System History Do Not Dynamically Update

When Process or System history is displayed, it is a snapshot of the details at the time the history was requested. History events that occur after the snapshot are still recorded by the Prinergy Evo system, however, to view them, the history information needs to be re-opened.

Imposition Marks Files Created with the Macintosh Version of Distiller Fail with An Error Related to Font Embedding

When the external PostScript marks file, associated an imposition PJTF/JDF file, is converted to PDF using the Mac version of Acrobat® Distiller, the Output Imposition process will fail with an error related to font embedding.

Workaround:

Use the Prinergy Evo RefineToPDF process template to convert the marks PostScript or use a Windows version of Acrobat Distiller.

Limitations with Browsing to Volumes Mounted on the Prinergy Evo Server Using the Process Template Editor

Attempting to locate a mounted volume using the Process Template Editor has two limitations:

- The volume will only be visible in the browser if the Prinergy Evo server has been logged into

The volume name (UNC path) will only be displayed if the volume is configured to Reconnect at logon (the drive letter of the volume will still be visible, the UNC path will not be displayed).