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Technical bulletin

Configuring Prinergy Evo to Output Proofs to Veris

Introduction

This technical bulletin describes the basics of setting up Prinergy® Evo to output proofing jobs to a Veris proofing device using Veris default profiles.

If licensed for advanced color management, use the Prinergy Evo to manage your colors, otherwise use the Veris. For information on working with Prinergy Evo, see the *Prinergy Evo Client and Administrator Online help systems*.

This procedure is in three parts:

1. Copying the ICC Profiles to the Prinergy Evo Server computer.
2. Configuring Prinergy Evo to output to a Veris proofing device.
3. Submitting output files from Prinergy Evo for proof on the Veris proofing device

Who Should Use This Technical Bulletin

This technical bulletin is intended for anyone who administers a Prinergy Evo system using Prinergy Evo version 1.x. This includes installing and configuring the system.

To use this document you should:

- ❑ Have a working knowledge of prepress operations
- ❑ Be familiar with the Windows operating system
- ❑ Be familiar with the Mac OS
- ❑ Have a basic working knowledge of the connected device
- ❑ Have a basic knowledge of Prinergy Evo Client/Server software

Prerequisites

Before beginning this procedure, you must have:

- Veris installed and running
- At least one Veris media calibrated (usually completed during the Veris installation procedure). The examples in this technical bulletin are for Veris™ Commercial Semi-Matte 285.
- Prinergy Evo 1.1.4.1 or later installed

- For the Prinergy Evo Client software, you must have a G3/G4 Macintosh® computer with OS 9.2.x, OS X version 10.2 or later, running Java™ 1.3.1 or later (usually comes with OS/X) and 256 MB RAM, or a PC with 256 MB RAM running Windows® 2000 Professional, Windows 2000 Server, Windows XP Professional, or Windows 2003 Server
- For the Veris Controller software, you must have a G3/G4 Macintosh® computer with OS X version 10.1 or later, running Java™ 1.3.1 or later (usually comes with OS/X) and 256 MB RAM

You should also consider the size of the image you want to proof and how many copies you want to fit on a sheet of media. The Veris image area is 21 inches by 28.5 inches (portrait).

Copying ICC Profiles to Prinergy Evo

The Veris install CD includes ICC profiles.

To copy the ICC profiles to your Prinergy Evo system:

1. Insert the Veris Install CD in the CD-ROM drive.
2. On the CD-ROM drive, navigate to **DFEdata > ICC Profiles**.
3. Select all the profiles.
4. Select **Edit > Copy**.
5. Navigate to **<drive>/Program Files/Creo/Prinergy Evo <version number>/setup/initial_config_data/ICC Profiles/**.
6. Select **Edit** > **Paste**.

Creating an Output Process Template in Prinergy Evo

Using the Creo Certified Process

If you are using the Creo Certified Process, the paper type, the proof ICC profile and final ICC profile you configure in the output process template work together.

Each Veris media is associated with a default destination ICC profile. Each destination profile is designed to work with specific Veris default ICC Device Link profiles. The following table shows the combinations of media (**Paper** list), Destination ICC profile (**Proof Profile** box), and ICC device link profile (**Profile** box) that work successfully together. There is a one-to-one correlation between the selected paper and proof ICC profile. Each of those combinations has a number of compatible final ICC profiles.

Table 1 Choosing Prinergy Evo settings to work within the Creo Certified Process

Paper	Proof Profile	Profile
Veris Pro Commercial Semi-Matte 285	Veris-COM-mmddyy.icc	Veris-COM-CP1-mmddyy.dvl
		Veris-COM-CP1-Tint-mmddyy.dvl
		Veris-COM-CP2-mmddyy.dvl
		Veris-COM-CP2-Tint-mmddyy.dvl
		Veris-COM-F-mmddyy.dvl

Paper	Proof Profile	Profile
		Veris-COM-F-Tint-mmddyy.dvl
		Veris-COM-MP-mmddyy.dvl
		Veris-COM-MP-Tint-mmddyy.dvl
Veris Pro Glossy 155	Veris-GLO-mmddyy.icc	Veris-GLO-CP1-mmddyy.dvl
		Veris-GLO-CP1-Tint-mmddyy.dvl
		Veris-GLO-CP2-mmddyy.dvl
		Veris-GLO-CP2-Tint-mmddyy.dvl
		Veris-GLO-MP-mmddyy.dvl
		Veris-GLO-MP-Tint-mmddyy.dvl
Veris Pro Publication Semi-Matte 285	Veris-PUB-mmddyy.icc	Veris-PUB-TR001-mmddyy.dvl
		Veris-PUB-SWOP-mmddyy.dvl
Veris Pro Semi-Matte 158	Veris-SEM-mmddyy.icc	Veris-SEM-CP1-mmddyy.dvl
		Veris-SEM-CP1-Tint-mmddyy.dvl
		Veris-SEM-CP2-mmddyy.dvl
		Veris-SEM-CP2-Tint-mmddyy.dvl
		Veris-SEM-MP-mmddyy.dvl
		Veris-SEM-MP-Tint-mmddyy.dvl

Configuring Prinergy Evo to Output to the Veris Proofing Device

This procedure discusses creating an output process template for output to the Veris proofing device. See the Prinergy Evo Client online help for more information on refining input files.

The general workflow is:

1. Start Veris proofing device.
2. Start Veris proof controller.
3. Start Prinergy Evo Server software.
4. Start Prinergy Evo Client software.
5. If you want to refine input files to PDF, create a Refine to PDF process template.
6. Create an output process template.
7. Create a submission channel attaching the output process template.
8. Submit PDF, PJTF or JDF files for proof on the Veris.

Creating an Output PDF Process Template

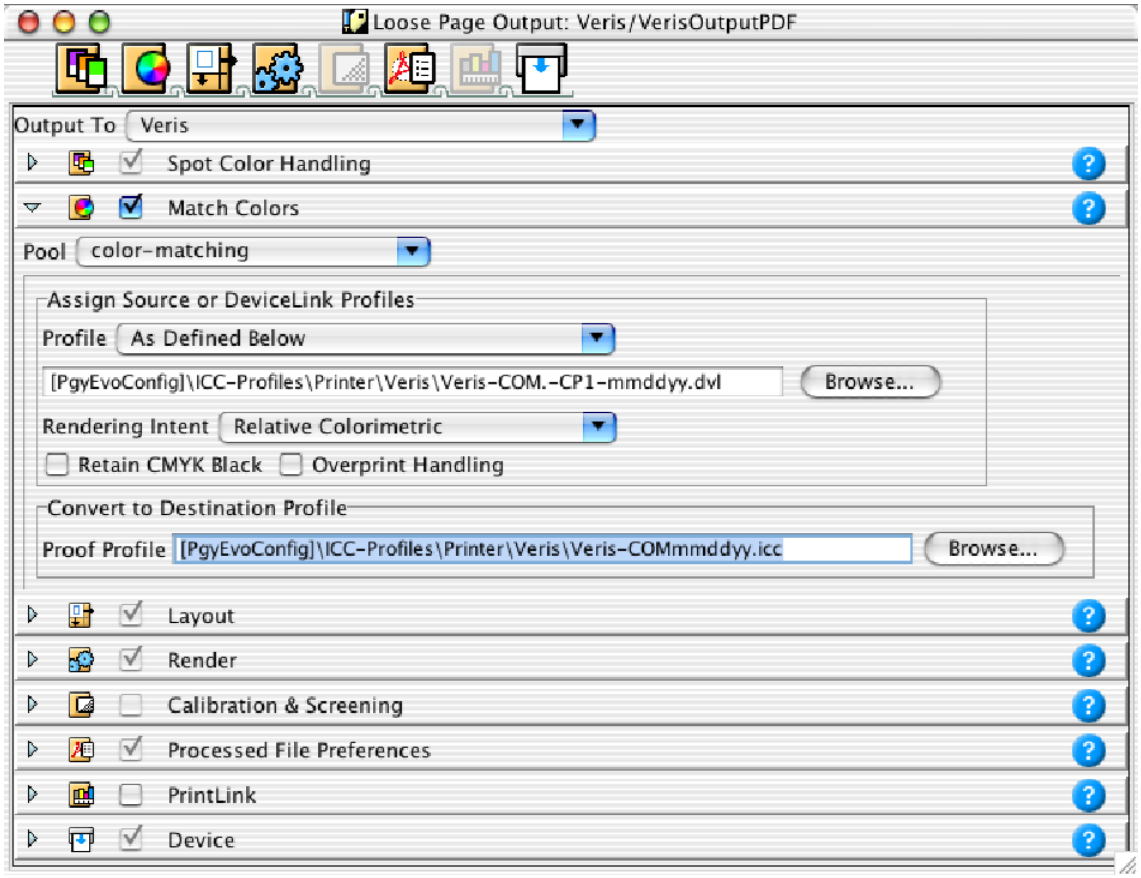
1. From the Prinergy Evo Client software, **Configure** menu, select **Process Template Editor**.

   The Process Template Editor dialog box appears.

2. From the **File** menu, **New Process Template Group**.

3. Type a name for the new group, for example, **Veris**.
4. From the **File** menu, select **New Output PDF Template**.

   The Output PDF process template dialog box appears.



5. In the **Output To** box, select **Veris**.
6. In the **Match Colors** section, in the **Assign Source or DeviceLink Profiles** area, **Profile** list, select **As Defined Below**.
7. In the **Profile** box, click the **Browse…** to locate PgyConfig/ICC Profiles/Printer.
8. Select the final press ICC profile you want to simulate (such as Veris-Com-CP1-mmddyy.dvl or Veris-Sem-MP-Tint-mmddyy.dvl).

   See the *Veris Online Help* for descriptions of the ICC profiles. If you are using the Creo Certified Process, see Using the Creo Certified Process on page 2 for information on choosing the appropriate final press ICC profile.

   Make sure the ICC profile is appropriate for the media you are using.
9. In the **Proof Profile** box, click **Browse…** to select the appropriate proofing ICC profile.

   Note: In order to change the ICC profile, Prinergy Evo must be licensed for Advanced Color Management.

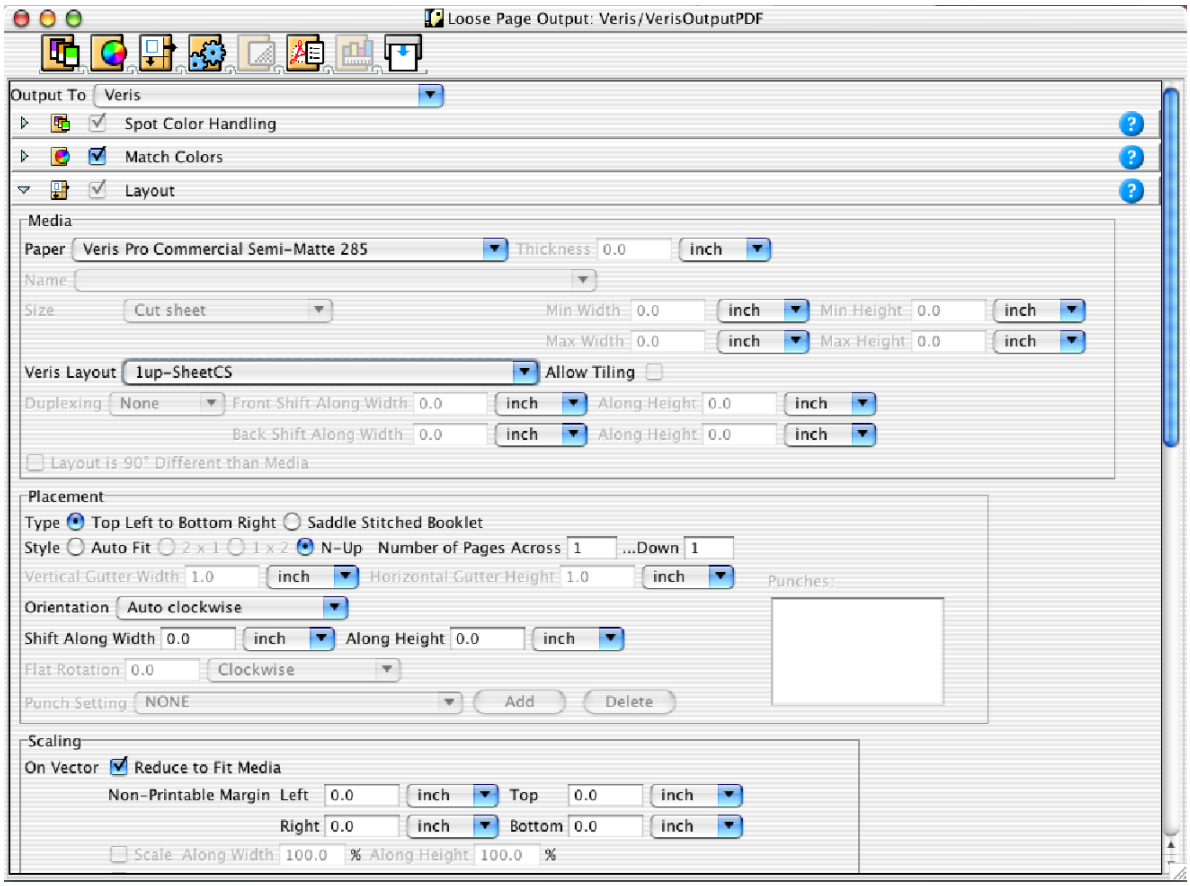
If you are using the Creo Certified Process, see Using the Creo Certified Process on page 2 for information on choosing the appropriate proof process profile.

Make sure the ICC profile is appropriate for the media you are using.

Note: If sending processes with RGB elements to proof on the Veris, in the refine to PDF process template dialog box, **Match Colors** section, **Assign Source or Device Link Profiles** area configure the settings to convert RGB to CMYK. See the *Prinergy Evo Client Online Help* for details.

10. In the **Layout** section, **Media** area, in the **Paper** box, select the required media.

    If you are using the Creo Certified Process, see Using the Creo Certified Process on page 2 for information on selecting the paper settings.



11. Select any other required layout options related to your process. You can also use the Veris layouts. The Veris layouts available in Prinergy Evo depend on the version of Veris software installed and how that software was configured. For more information, see the *Veris Online Help*.

    If outputting imposition files (that is PJTF or JDF files), your layout is determined in the qualified imposition software (for example, Preps, or Pandora)

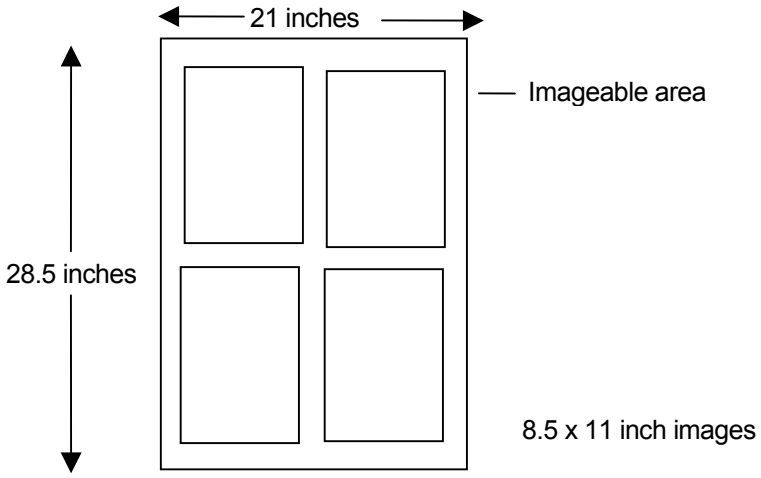
    If outputting PDF pages, and you want to change the layout for output, you need to consider the size of the image, the placement of the image (or images) on the sheet, and gutters and margins. For more information, see the *Prinergy Evo Client Online Help*.

a. In the **Placement** area, in the **Number of Pages Across** and **…Down** boxes, type the number of possible pages to fill the layout grid you want printed across and down the page.

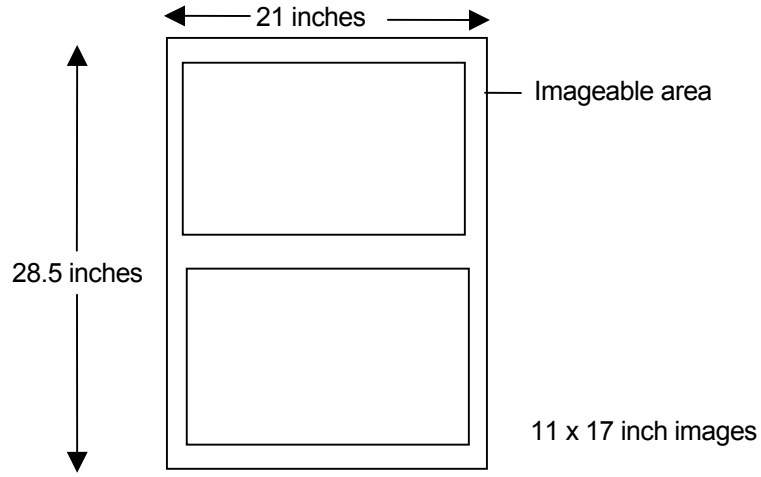
   Remember that that Veris proofing device has an image area of 21 inches by 28.5 inches (portrait layout).

   For example, if the image is 18 inches x 24 inches, type **1** in the **Number of Pages Across** box and **1** in the **…Down** box.

   If you are proofing 8.5 inches x 11 inches images, type **2** in the **Number of Pages Across** box and 2 in the **…Down** box for the following layout.



   If your image is 11 inches x 17 inches, type **1** in the **Number of Pages Across** box and **2** in the **…Down** box for the following layout.



b. Decide whether or not to rotate the image in order to make it fit and select the appropriate option under **Placement**.

c. In the **Scaling** area, set the required scaling options.

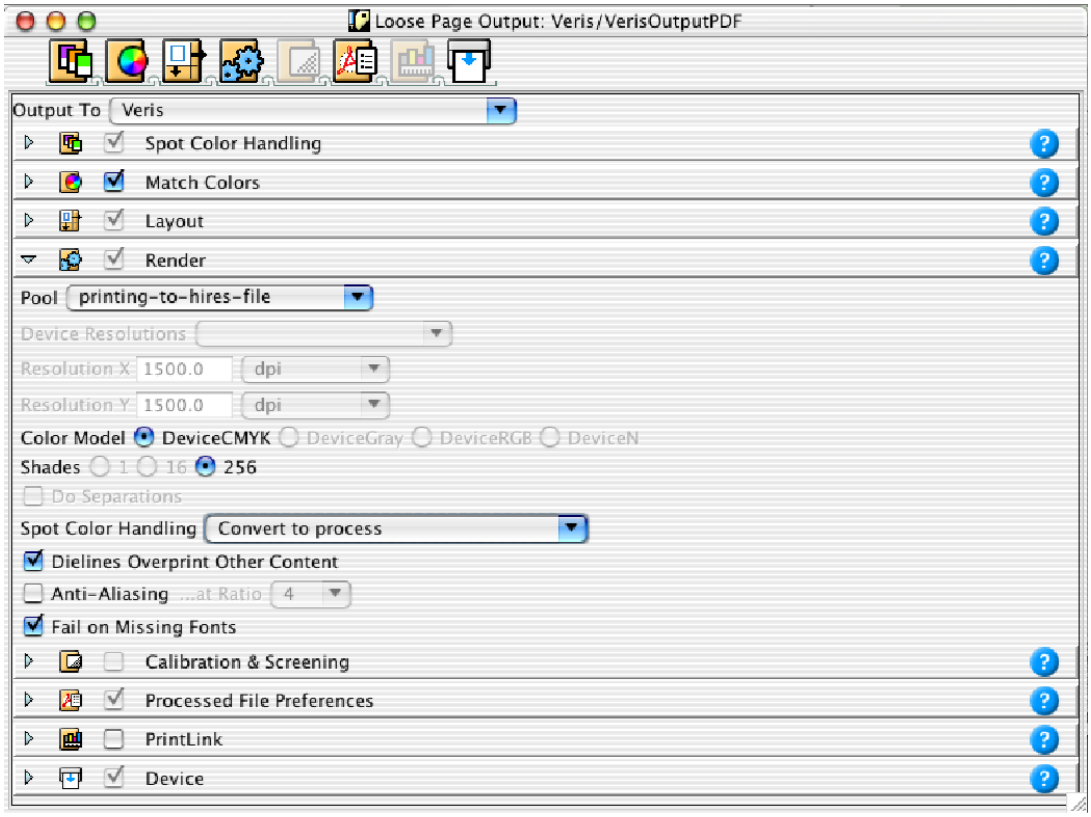
Note: If you scale the proof while applying an ICC profile, the color of the proof may not be representative of the color in the final print.

d. In the **Spacing** area, select the required options. We recommend that in the **Add Extra Horizontal Space** box and the **Add Extra Vertical Space**, you select **Evenly to all gutters and margins**.

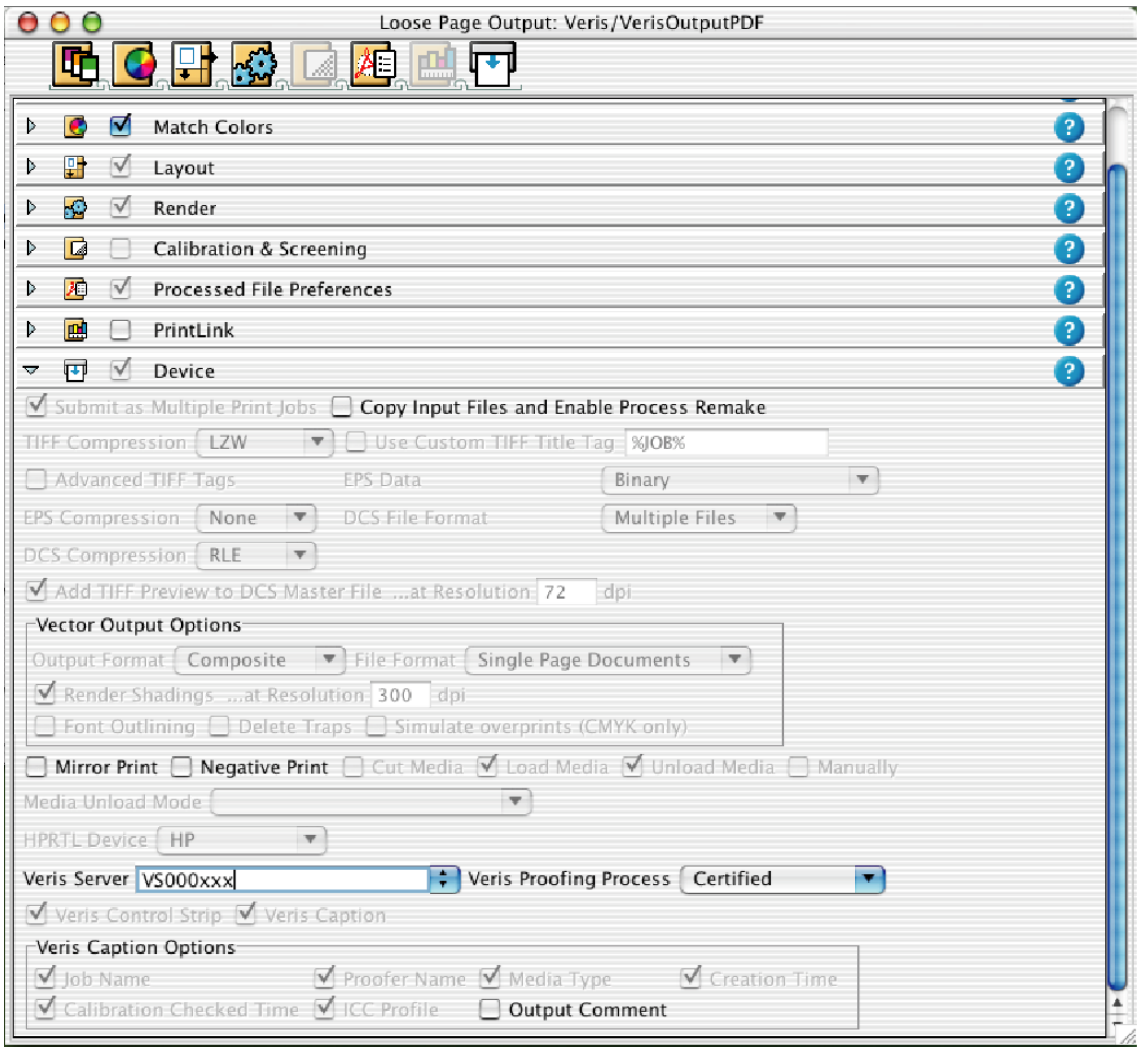
e. In the **Marks** area, add the required sheet and page marks.

Note: Veris uses its layouts to arrange pages it receives from Prinergy Evo. If you create a layout in Prinergy Evo and your process template calls for a caption and control strip per proof, use the 1 Across, 1 Down layout and ensure that you are using a Veris layout that allows for a control strip per proof. If you use any other layout (such as 1 Across, 2 Down or 2 Across, 2 Down), Veris interprets each layout as one proof and prints one caption and control strip per Prinergy Evo layout, even if the layout has more than one page. For more information on Veris layout, see the *Veris Online Help*.

12. In the **Render** section, in the **Spot Color Handling** box, select **Convert to process** or **Don't output**, depending on how you want Veris to handle spot colors.



13. In the **Device** section, in the **Veris Server** list, select the name of the Veris proofing device to which you want to print the proof.



14. In the **Veris Proofing Process** list, select **Certified**.

    For more information on the different options, see the Prinergy Evo Client online help.

15. If you select **No Calibration**, or **Calibration**, select the information to print in the caption, for example job name, proofing device name, media type, and so on, by selecting or clearing check boxes in the **Veris Caption Options** area.
16. Select the **User Notes** check box to indicate that user comments should be printed in the caption.

    If you selected **Certified** as the **Veris Proofing Process**, **User Notes** is the only available option. All other check boxes are selected automatically and can't be cleared.

17. From the **File** menu, select **Save**.
18. Create a submission channel attaching this process template.

Sending a Prinergy Evo Imposition File to Veris

To send an imposition file to Veris you must create an Output Imposition process template and attach it to a submission channel.

You must create the imposition layout in qualified imposition software and output a populated PJTF or JDF file, which you can then submit to the output imposition submission channel.

For more information on working with imposition software and creating PJTF or JDF files for submission to Prinergy Evo, see the Prinergy Evo Client online help.

To create an Output Imposition process template:

1. From the Prinergy Evo Client software, **Configure** menu, select **Process Template Editor**.

   The Process Template Editor dialog box appears.

2. From the **File** menu, **New Process Template Group**.
3. Type a name for the new group, for example, **Veris**.
4. From the **File** menu, select **New Output Imposition Template**.

   The Output Imposition process template dialog box appears.

5. In the **Output To** box, select **Veris**.
6. In the **Match Colors** section, in the **Assign Source or DeviceLink Profiles** area, **Profile** list, select **As Defined Below**.
7. In the **Profile** box, click the **Browse…** to locate **PgyConfig/ICC Profiles/Printer**.
8. Select the final press ICC profile you want to simulate (such as **Veris-Com-CP1-mmddyy.dv**l or **Veris-Sem-MP-Tint-mmddyy.dvl**).

   See the *Veris Online Help* for descriptions of the ICC profiles. If you are using the Creo Certified Process, see Using the Creo Certified Process on page 2 for information on choosing the appropriate final press ICC profile.

   Make sure the ICC profile is appropriate for the media you are using.

9. In the **Proof Profile** box, click **Browse…** to select the appropriate proofing ICC profile.

   Note: In order to change the ICC profile, Prinergy Evo must be licensed for Advanced Color Management.

   If you are using the Creo Certified Process, see Using the Creo Certified Process on page 2 for information on choosing the appropriate proof process profile.

   Note: If sending processes with RGB elements to proof on the Veris, in the refine to PDF process template dialog box, **Match Colors** section, **Assign Source or Device Link Profiles** area configure the settings to convert RGB to CMYK. See the *Prinergy Evo Client Online Help* for details.

10. In the **Layout** section, **Media** area, in the **Paper** box, select the required media.

    If you are using the Creo Certified Process, see Using the Creo Certified Process on page 2 for information on selecting the paper settings.

11. Select any other required layout options related to your process. You can also use the Veris layouts. The Veris layouts available in Prinergy Evo depend on the version of Veris software installed and how that software was configured. For more information, see the *Veris Online Help*.

    a. In the **Scaling** area, set the required scaling options.

       Note: If you scale the proof while applying an ICC profile, the color of the proof may not be representative of the color in the final print.

    b. In the **Spacing** area, select the required options. We recommend that in the **Add Extra Horizontal Space** box and the **Add Extra Vertical Space**, you select **Evenly to all gutters and margins**.

       Note: Veris uses its layouts to arrange pages it receives from Prinergy Evo. If you create a layout in Prinergy Evo and your process template calls for a caption and control strip per proof, in your imposition layout use a 1 Across, 1 Down layout and ensure that you are using a Veris layout that allows for a control strip per proof. If you use any other layout (such as 1 Across, 2 Down or 2 Across, 2 Down), Veris interprets each layout as one proof and prints one caption and control strip per layout, even if the layout has more than one page. For more information on Veris layouts, see the *Veris Online Help*.

12. In the **Render** section, in the **Spot Color Handling** box, select **Convert separations to process** or **Don't output**, depending on how you want Veris to handle spot colors.
13. In the **Device** section, in the **Veris Server** list, select the name of the Veris proofing device that you want to print the proof.
14. In the **Veris Proofing Process** list, select **Certified** to determine the level of quality control used in the proofing process.

    To use the Creo Certified Process, you must use one of the Creo Certified ICC profiles, or have your custom ICC profile tagged by Creo. For more information, contact your Creo Customer Service representative. You must also ensure that the system has been calibrated recently and the calibration matches the media, ink, and ICC profile being used.

    After you create a proof using the Creo Certified proofing process, use the printed control strip to check the calibration.

    For more information on the different **Veris Proofing Process** options, see the Prinergy Evo Client online help.

15. If you select **No Calibration**, or **Calibration**, select the information to print in the caption, for example job name, proofing device name, media type, and so on, by selecting or clearing check boxes in the **Veris Caption Options** area.
16. Select the **User Notes** check box to indicate that user comments should be printed in the caption.

    If you selected **Certified** as the **Veris Proofing Process**, **User Notes** is the only available option. All other check boxes are selected automatically and can't be cleared.

17. From the **File** menu, select **Save**.
18. Create a submission channel attaching this process template.

Creating a Submission Channel

1. From the **Configure** menu, select **Hot Folders**.
2. Configure hot folders and attach the required process templates to them.

   Hot folders must reside on a server on which the Prinergy Evo Server computer has administrative privileges.

   See the Prinergy Evo Client online help for more information on creating and configuring hot folders.

   Or:

1. From the **Windows** menu, select **New Template Palette**.
2. Customize the Template Palette, attaching the required process templates.

   See the Prinergy Evo Client online help for more information on creating and customizing Template Palettes.

   You can also submit files from the **File** menu by selecting Refine to PDF, Output PDF, or Output Imposition.

Submitting Files to a Submission Channel

Once you have created your submission channels, drag the input files into either the hot folder, Template Palette, or Process Start dialog box.

In the case of the hot folders, Prinergy Evo monitors the hot folder for new submissions and once detected, immediately sends the new submissions for processing.

In the case of the Template Palette, the Process Start dialog box opens. Click **Go** to send the submission for processing.

About Creo

Creo is a world leader in solutions for the graphic arts industry. Core product lines include image capture systems; inkjet proofers; thermal imaging devices for films, plates and proofs; professional color and copydot scanning systems; and workflow management software. Creo is also an Original Equipment Manufacture supplier of on-press imaging technology, components for digital presses, and color servers for high-speed, print-on-demand digital printers.

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