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Technical bulletin

# Configuring Prinergy to Output Proofs to Veris Series 6

This procedure describes the basics of setting up Prinergy to output proofing jobs to a Veris proofer using Veris default device link profiles. For the profiles to take effect, your Prinergy system must have Advanced Color Management installed. For information on working with Prinergy, see the *Prinergy Workshop Online Help*.

The main steps are:

- Copy ICC Profiles from the Veris Software CD to Prinergy
- Create a Loose Page or Imposition process plan in Prinergy
- Create a workflow plan in Prinergy for Loose Page proofs (Optional)
- Create a hot folder Loose Page proofs (Optional)

The first two steps set the system up to send proofing jobs to Veris. Creating a workflow plan and hot folders automates the process but is only suitable if you have experience with Prinergy and are submitting loose page proofs. If you are new to Prinergy, we recommend that you become familiar with the process of refining and outputting proofs before creating a workflow plan and hot folder.

## Prerequisites

Before beginning this procedure, you must have:

- Prinergy version 2.2 or 2.3 installed and running
- A compatible version of the Veris Client software installed and running on your Macintosh or Windows workstation. See the *Veris Software DFE Compatibility Technical Bulletin* on eCentral.
- 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.

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 imageable area is 21 inches by 28.5 inches (portrait).

## Adding Veris ICC Profiles to the Prinergy Primary Server

To add Veris profiles to Prinergy, you must:

- Enable access to the folder where the profiles will reside
- Copy the profiles to that folder

### Enabling Access to the ICC Profiles

1. On the Prinergy primary server, select **Start>Programs>Prinergy>Prinergy Administrator**.
2. Select **Tools>Configure System…**
3. Click the **Shared Folders** tab.
4. Click **Browse** and navigate to the Prinergy server (YCSxxx_xxx).
5. Double-click the Prinergy server to access its folders.
6. Select the **AraxiHome** folder. This puts it in the **Add Shared Folder** box at the top of the screen.
7. Click **Add Folder**. The **AraxiHome** folder appears in the **Shared Folders** box in the upper part of the window.
8. Click **OK**.

### Copying ICC Profiles from the Veris Software CD to Prinergy

The Veris install CD includes ICC profiles.

**To copy the ICC profiles to your system:**

1. Still on the Prinergy primary server Insert the Veris Software CD in the CD-ROM drive.
2. Double-click **My Computer**.
3. On the CD-ROM drive, navigate to **DFEdata>ICC Profiles**.
4. Highlight all the profiles and select **Edit>Copy**.
5. Navigate to **My Computer>System>Prinergy2.0.4>CreoAraxi>data>ICC-Profiles>Printer>Veris**.
6. Select **Edit>Paste**.
7. Close all open windows.

## Creating a Loose Page or Imposition Process Plan in Prinergy

To create a loose page or imposition process plan, you must create a new process plan in Prinergy Workshop and configure the following panes:

- ColorConvert
- Layout
- Render
- Device

**Opening Prinergy Workshop on a Mac:**

1. Navigate to the **Prinergy Workshop** folder in **Applications**.
2. Double-click the **Prinergy Workshop** icon.




(For PCs, double-click the **Prinergy Workshop** icon on the desktop, or from the **Start** Menu, select **Programs>Prinergy Workshop>Workshop**)

The Login window appears.

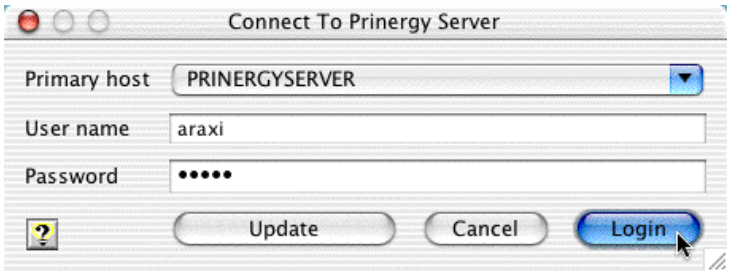



**Figure 1: Connect to Prinergy Server dialog box**

3. Enter your user name and password. The Prinergy Job Finder window opens.

### Opening the Process Plan Editor

1. From the Prinergy Workshop **Tools** menu, select **Process Plan Editor**.

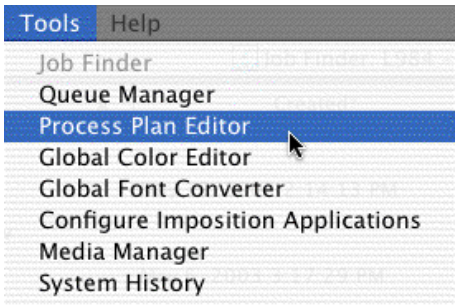



**Figure 2: Choosing the Process Plan Editor Option**

2. If you're creating a process plan for a loose page proof, go to the next step. If you're creating a process plan for an imposition, create a new process plan group in the Imposition Proof Output group:
   a. Select **Process Plans>Imposition Proof Output**.

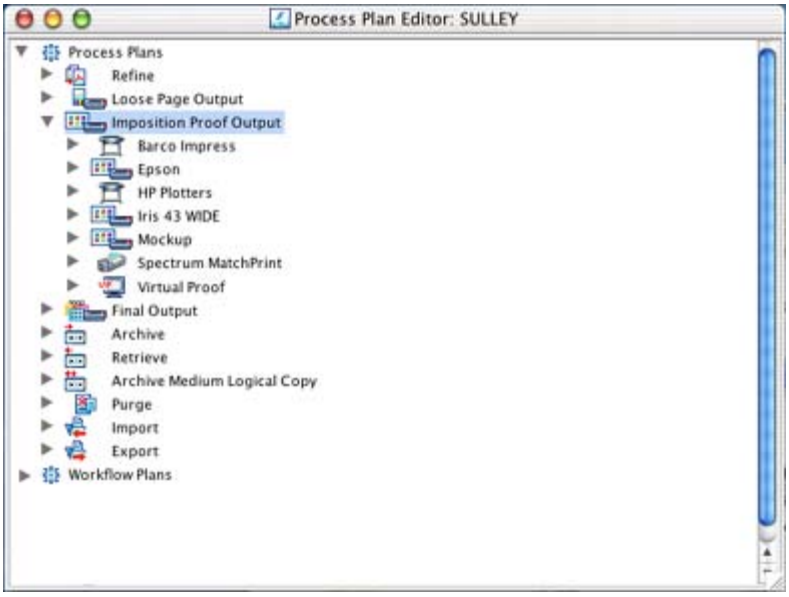



**Figure 3: Selecting the Process Plan Group**

   b. From the **File** menu, select **New Process Plan Group** and type a meaningful name, such as "Veris Imposition".

3. With the appropriate process plan group selected (in either the Loose Page Output group or the Imposition group, depending on the type of process plan you're creating), click **File>Create Process Plan**.

   The Process Plan dialog box appears.

4. In the Output dialog box, ensure that **Veris (Low resolution**) is selected in the **Output To** box.

   **Note:** Low resolution is a label that Creo is required to apply to all proofing devices. It has nothing to do with the quality of the proof. Veris still images at 1500 x 1500 dpi.

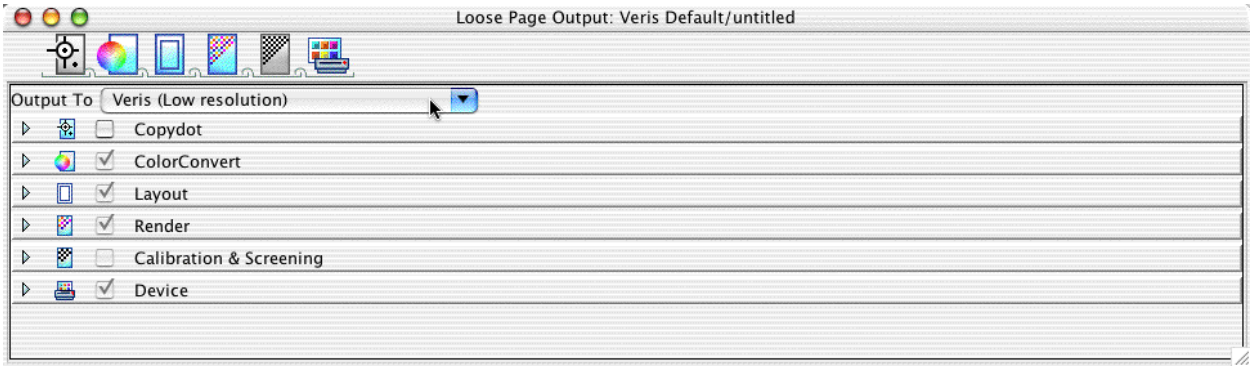



**Figure 4: Selecting the Veris option in the Process Plan Editor dialog box.**

The following sections describe how to configure the appropriate panes for imposition or loose page proofs.

### Configuring the ColorConvert pane

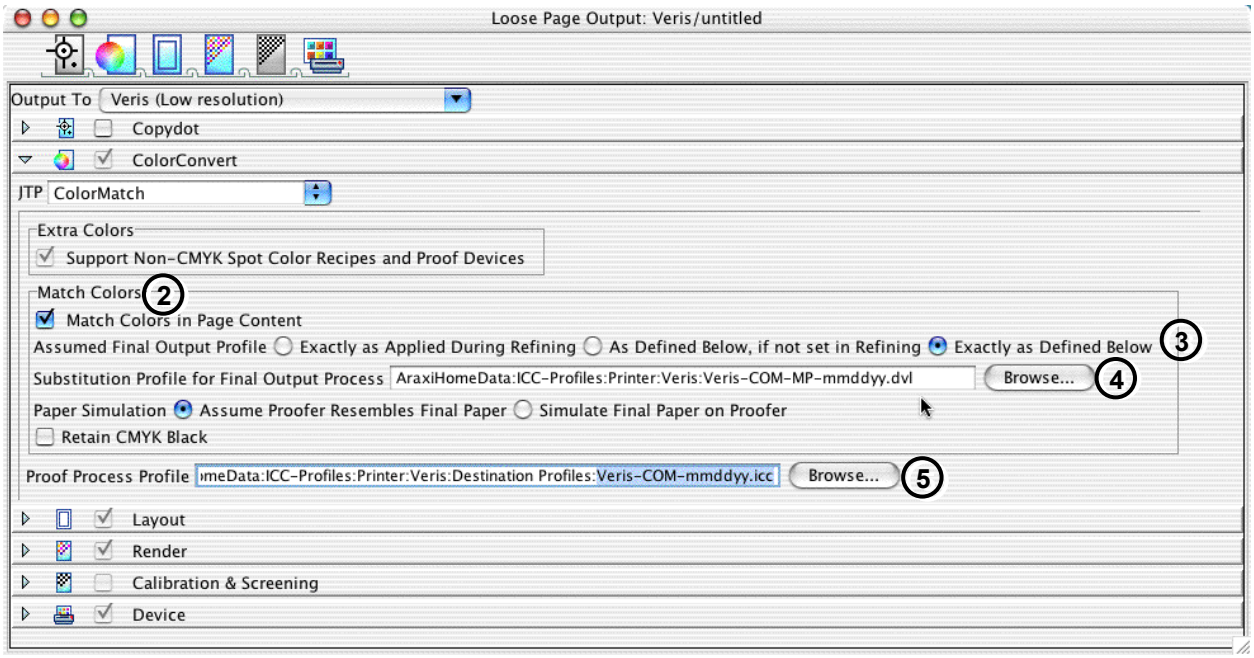



**Figure 5: ColorConvert pane in the process plan dialog box.**

1. Click the **arrow** beside **ColorConvert** to open the ColorConvert pane.
2. Under **Match Colors** (2), select the **Match Colors in Page Content** check box to use a default ICC profile.
3. Select **Exactly as Defined Below** (3).
4. Beside the **Substitution Profile for Final Output Process** box, click **Browse** (4) and navigate to **AraxiHome** on **YCSxxx-xxx>CreoAraxi>Data>ICC-Profiles>Printer>Veris**.

   Choose the device link profile that matches the color space of the final output 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 *Appendix 1: Prinergy Settings that Work with the Creo Certified Process* on page 24 for information on choosing the appropriate device link profile.
5. Beside the **Proof Process Profile** box, click **Browse** (5), navigate to the same directory specified in the previous step, and choose a profile. If you are using the Creo Certified Process, see *Appendix 1: Prinergy Settings that Work with the Creo Certified Process* on page 24 for information on choosing the appropriate device link profile.

   **Note:** Color matching as applied here does not work for RGB objects. If a file has RGB objects, refine it using the settings for converting RGB to CMYK. See the *Prinergy Workshop Online Help* for details.
6. Close the ColorConvert pane.

**Configuring the Layout pane for Loose Page Proof Process Plans**

If you are creating an imposition process plan, go to the next section.

1. Open the Layout pane.

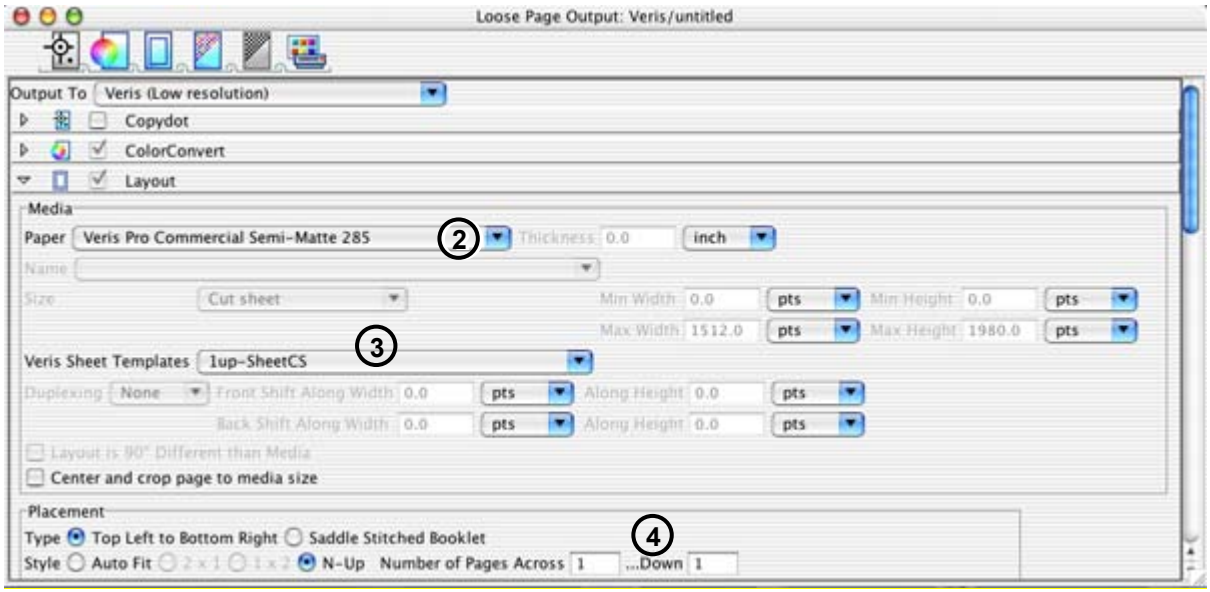



**Figure 6: Configuring the Layout pane for imposition proofs.**

2. In the **Paper** box (2), select the appropriate media. Make sure the media is appropriate for the ICC profile you are using. If you are using the Creo Certified Process, see *Appendix 1: Prinergy Settings that Work with the Creo Certified Process* on page 24 for information on choosing paper settings.
3. If you want Veris to arrange images on the sheet:
    a. Under **Placement**, select **N-up**. In the **Number of Pages Across** and **…Down** boxes (4), type 1.
    b. In the **Veris Sheet Templates** box (3), select the appropriate layout.
4. If you want Prinergy to arrange images on the sheet, select the appropriate options in this pane. Keep in mind:
    - Under **Spacing**, we suggest that in the **Add Extra Horizontal Space** box and the **Add Extra Vertical Space**, you select **Evenly to all gutters and margins**.
    - 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.
    - In the **Veris Sheet Templates** box (3), select any 1-Up layout. The options in the **Veris Sheet Templates** box are derived from the layouts configured in the Veris Client application.

    **Important**: Veris treats arranged images from Prinergy as one large image. This means that if you use Prinergy to arrange images and then choose an inappropriate Veris layout, Veris will try to place this large image into what could be a smaller cell. For example, if you configure the Layout pane to create a 4-Up layout and also choose in the **Veris Sheet Templates** box a 4-Up layout, Prinergy arranges the images into a 4-Up image and then sends the image to the proofer. The proofer then crops the 4-Up image to fit into one cell of the Veris 4-Up sheet.
5. Close the Layout pane.

**Configuring the Layout pane for Imposition Proof Process Plans**

1. Open the Layout pane.

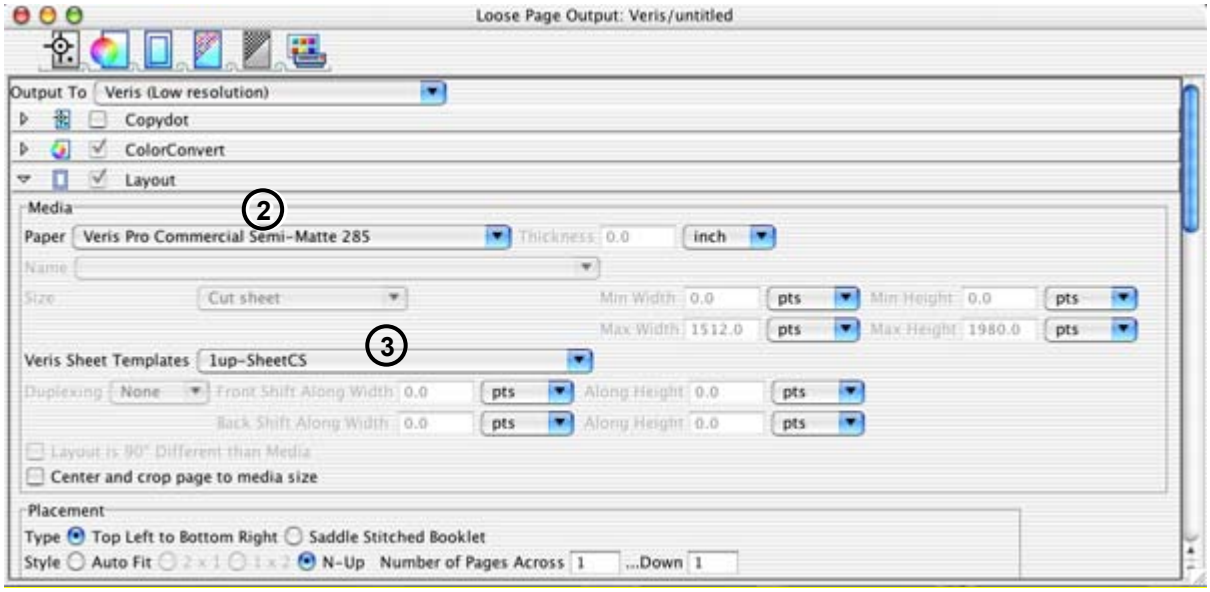



**Figure 7: Configuring the Layout pane for imposition proofs.**

2. In the **Paper** box (2), select the appropriate media. Make sure the media is appropriate for the ICC profile you are using. If you are using the Creo Certified Process, see *Appendix 1: Prinergy Settings that Work with the Creo Certified Process* on page 24 for information on choosing paper settings.
3. Choose a layout from the **Veris Sheet Templates** box (3):
   - If the imposition is smaller than a sheet's imageable area (21 x 28.5 inches), select one of the 1-Up layouts.
   - If the imposition is larger than a sheet's imageable area (21 x 28.5 inches), select one of the Tiled layouts.
4. Close the Layout pane.

### Configuring the Render Pane

1. Open the Render pane.

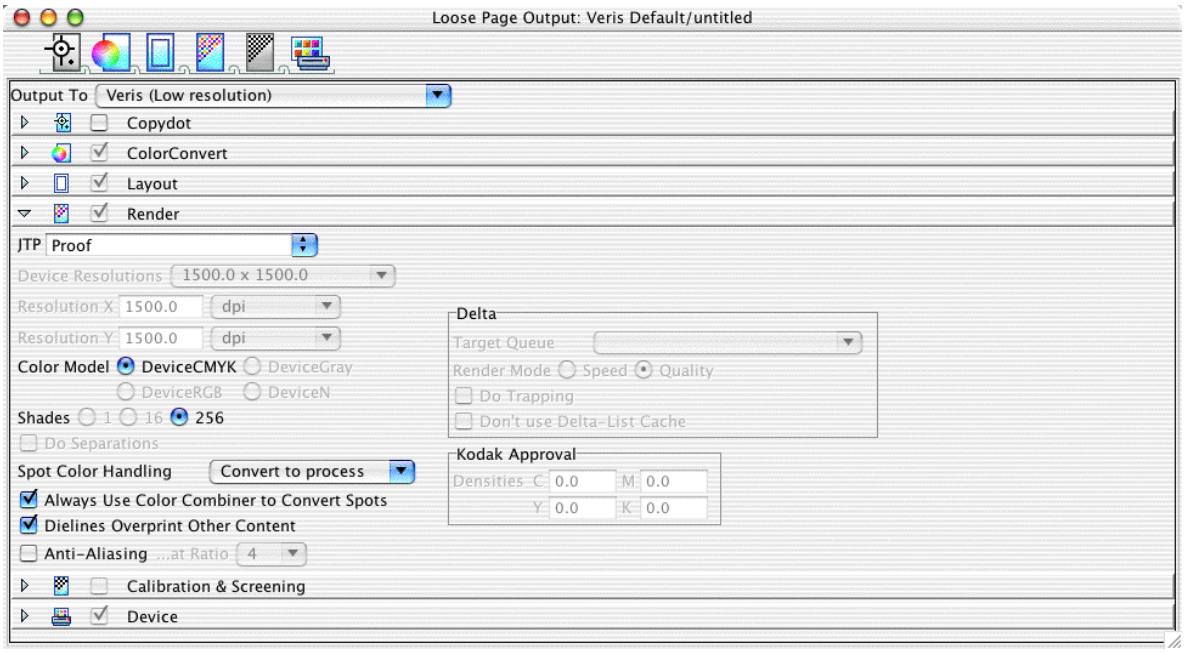



**Figure 8: Configuring the Render pane.**

2. In the **Spot Color Handling** box, select **Convert to process** or **Don't output**, depending on how you want Veris to treat spot colors.
3. Close the Render pane.

**Configuring the Device pane:**

1. Click the arrow beside **Device** to open the Device pane.

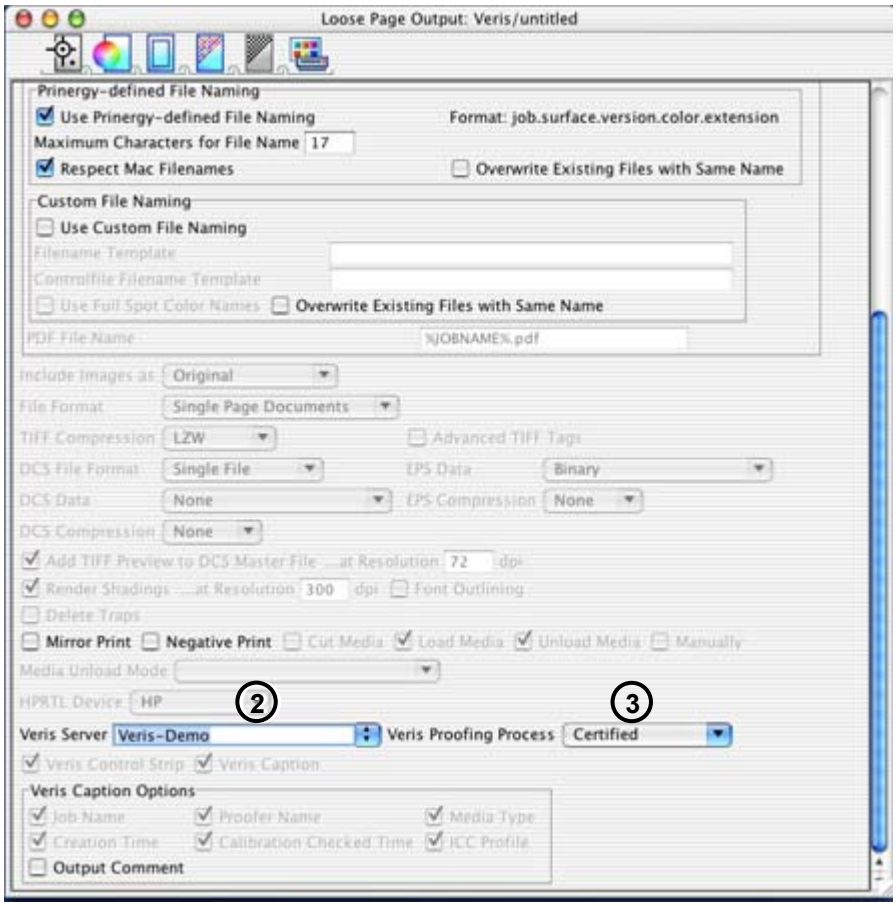



**Figure 9: Configuring the Device pane.**

2. In the **Veris Server** box (2), type the name of the Veris proofer where you want to print the file.
3. The **Veris Proofing Process** option (3) determines the level of quality control used in the proofing process. The options are **No Calibration**, **Calibration**, and **Certified**.

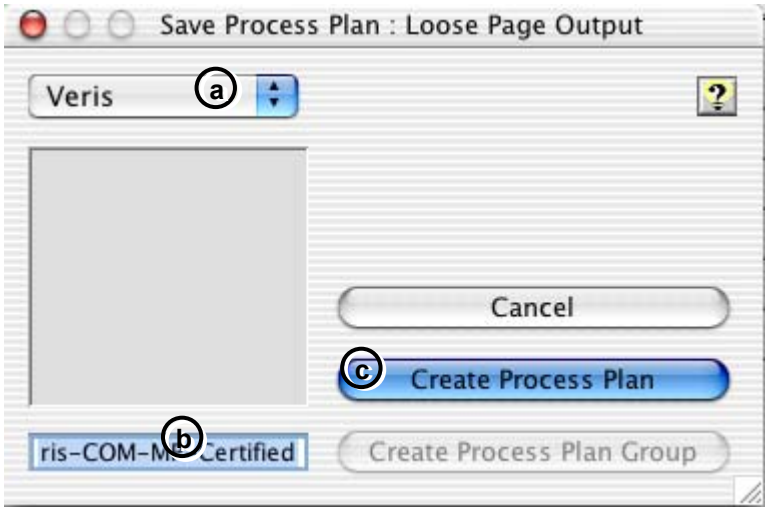
   **No Calibration**—Use for troubleshooting purposes only

   **Calibration**—Uses proofer color calibration but does not check that it is current

   **Certified**—Checks that you are using a current color calibration and tagged ICC profiles. If so, the system automatically prints a caption, control strip, the Creo Certified Process check mark.

   All built-in Veris profiles are “tagged.” For information on tagging your own profiles, contact your Creo Customer Service representative.

4. If you selected **No Calibration**, or **Calibration**, select the information to print in the caption, for example job name, proofer name, media type, and so on, by selecting or clearing check boxes in the **Veris Caption Options** area.
5. Select **Output Comment** to print your own comments in the caption. If you selected **Certified** in the **Veris Proofing Process** box, **Output Comment** is the only available option. All other check boxes are selected automatically and can't be cleared.
6. Close the Device pane.
7. From the **File** menu, click **Save**.




a. Be sure to select the correct Process Plan Group here.
b. Type a meaningful name here. A “meaningful name” might include the proofer name, media type, the proof color space that you’re attempting to simulate (Matchprint, Fuji, SWOP, and so on), and the Veris proofing process. For example, Veris-COM-MP-Certified.
c. Click **Create Process Plan**.

**Figure 10: Saving the process plan.**

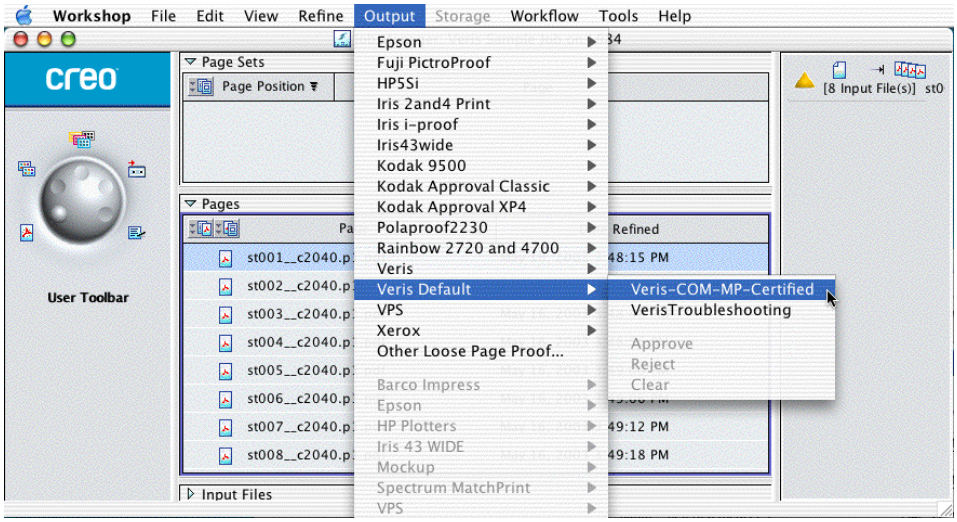
8. Close all open windows.

   You can now send proofing jobs to Veris. (See the following section.) If you want to create a workflow plan to automate the process, go to on page 14.

## Sending a Proof to Veris

**To generate a Veris proof:**

1. In Prinergy Workshop, open the job that you want to output a proof for.
2. Select the page(s) to be proofed.
3. From the **Output** menu, select **Veris Default Process Plan Group** and choose the process plan you want to use.

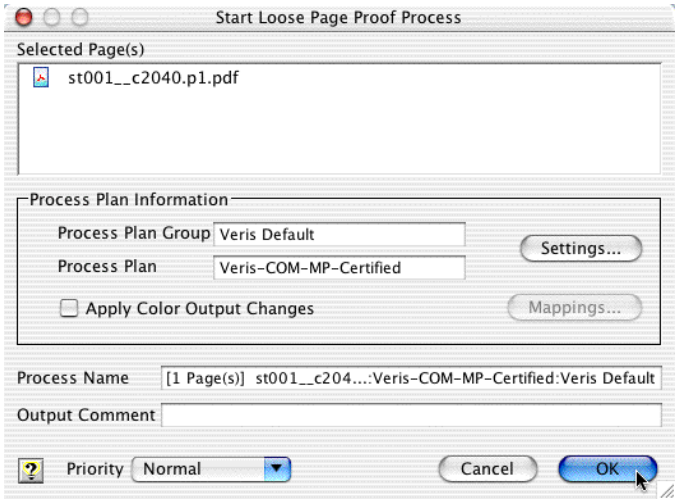



The Start Loose Page Proof Process dialog box opens.

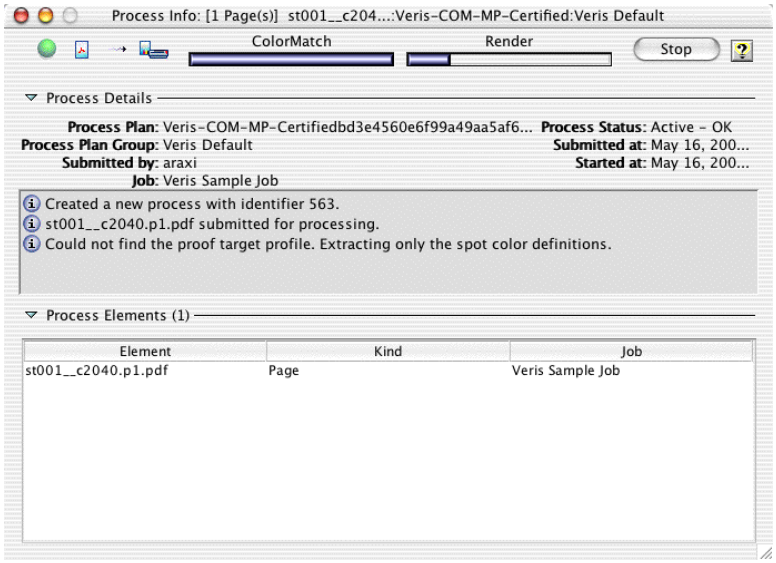
4. If you need to modify the process plan, click **Settings**; otherwise click **OK** in the Process Configuration dialog box.
5. If you want a comment printed on the proof, type it in the **Output Comment** box.

   To add an **Output Comment** to the proof, you must also have selected the **Output Comment** checkbox under **Veris Caption Options** in the process plan **Device** pane. If you have not already selected that checkbox, click **Settings** to return to the process plan.

6. Click **OK**.




The Process Info window appears.



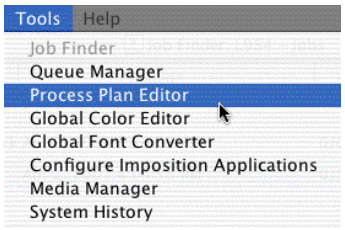

7. When the page is finished rendering, it shows up in the Veris Processor queue.

## Creating a Workflow Plan

Once you become comfortable with refining and outputting loose page proofs, we recommend that you set up a workflow plan and hot folders to automate the process. Experienced Prinergy users will want to do this right away.

**To set up a workflow plan to use with Prinergy jobs being output to Veris:**

1. In the **Tools** menu, select **Process Plan Editor**.




2. Navigate to the **Import, Refine and Loose Page Output** workflow plan type directory.

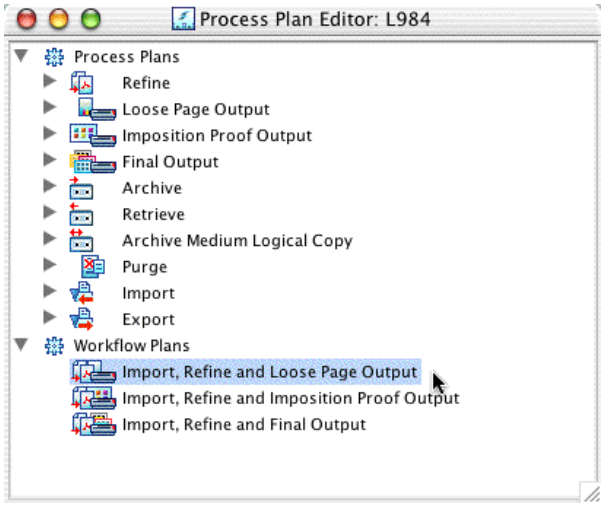
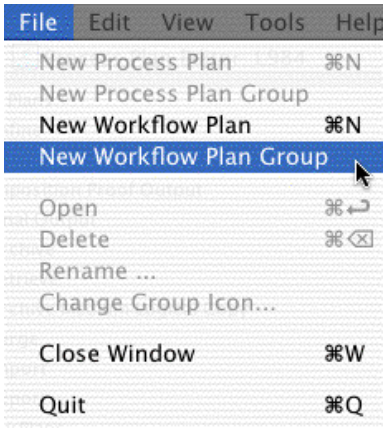
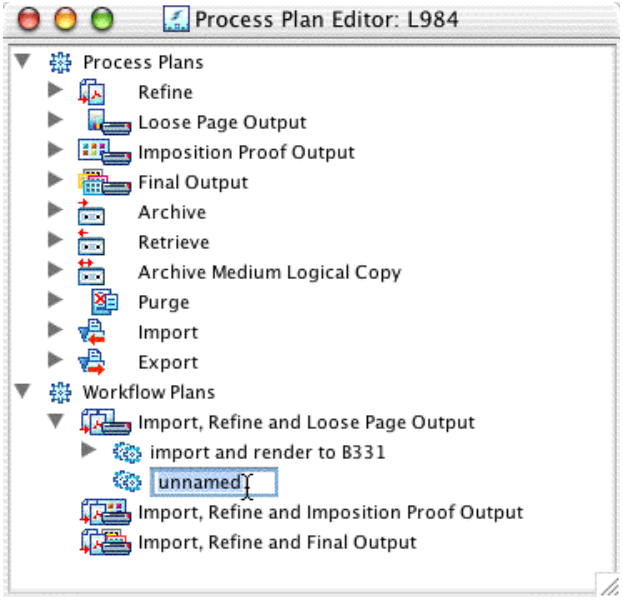



**Figure 11: Selecting an existing workflow plan.**

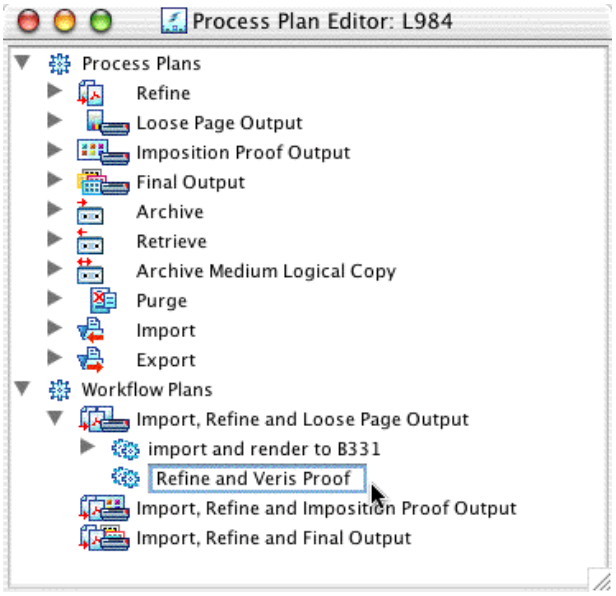
3. From the **File** menu, select **New Workflow Plan Group**.



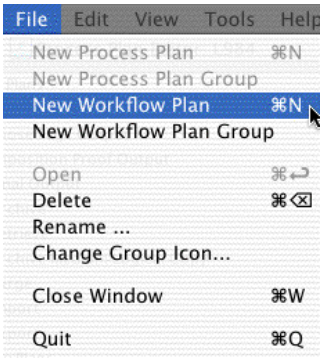

Prinergy Workshop inserts a new group.



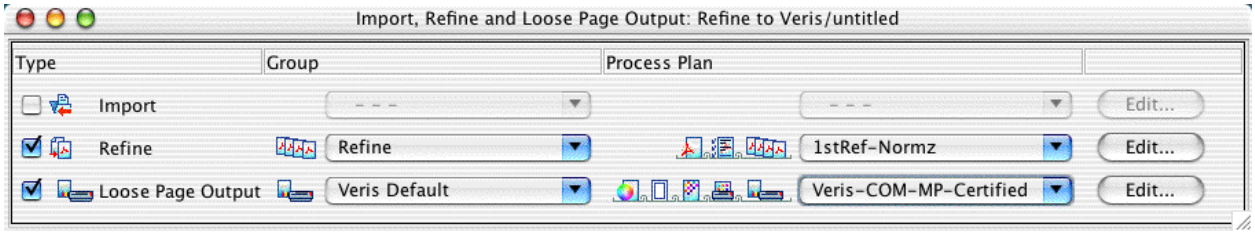
4. Type the name of the workflow plan group.



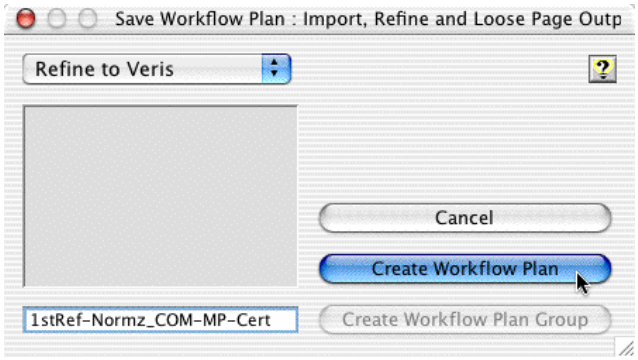

5. Highlight the new group.
6. From the main menu, select **File>New Workflow Plan**.



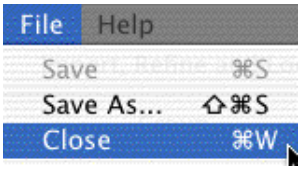

   The Import, Refine and Loose Page Output dialog box opens.
7. Clear the **Import** check box. If you need to import jobs, refer to the Prinergy Workshop Online Help for instructions.
8. Under **Group**, in the **Refine** box, select **Refine**.
9. Under **Process Plan**, in the **Refine** box, choose the Refine process plan you want to use.
10. Under **Group**, in the **Loose Page Output** box, select the Process Plan group.
11. Under **Process Plan**, in the **Loose Page Output** box, choose the Veris Loose Page process plan you want to use with this workflow plan.



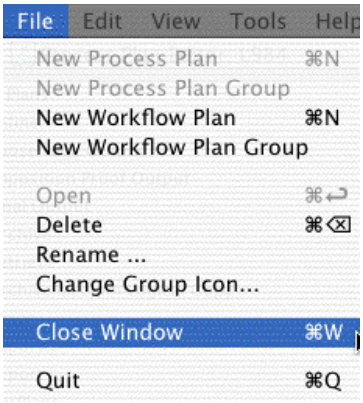

12. From the **File** menu, select **Save As…**.
13. Type the name of the new workflow plan.
14. Click **Create Workflow Plan**.




15. From the **Main** menu, select **File>Close**.




16. In the Process Plan Editor, select **Close>Close Window** to close the Process Plan Editor.




The new workflow plan shows up on the list of workflow plans in the Process Plan Editor window.

## Creating a Hot Folder

Hot folders in Prinergy are associated with individual jobs.

**To create a hot folder to refine input files to pdf files that you want to loose page proof to Veris:**

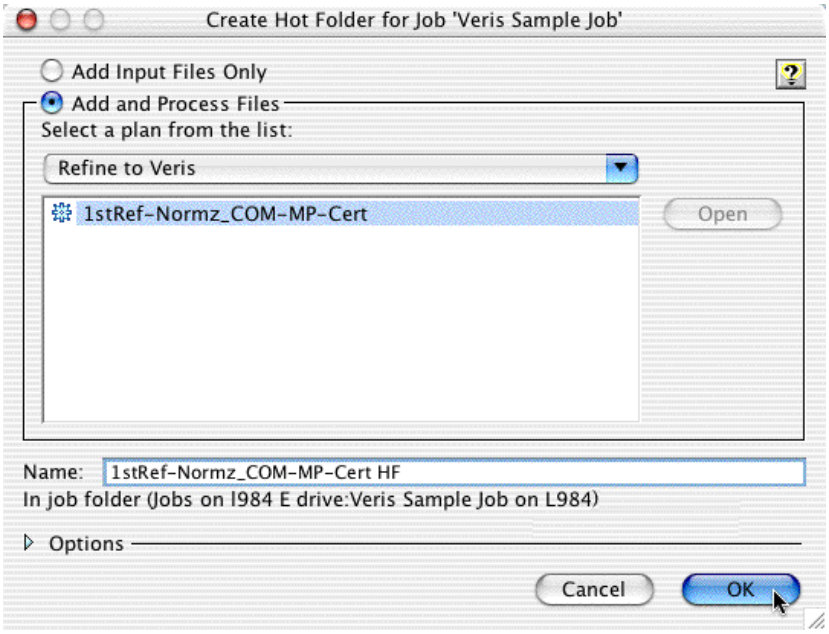
1. Open a job that you want to set up a hot folder workflow to Veris for.
2. From the **Edit** menu, select **Manage Hot Folders**.
3. Click **Add…**.



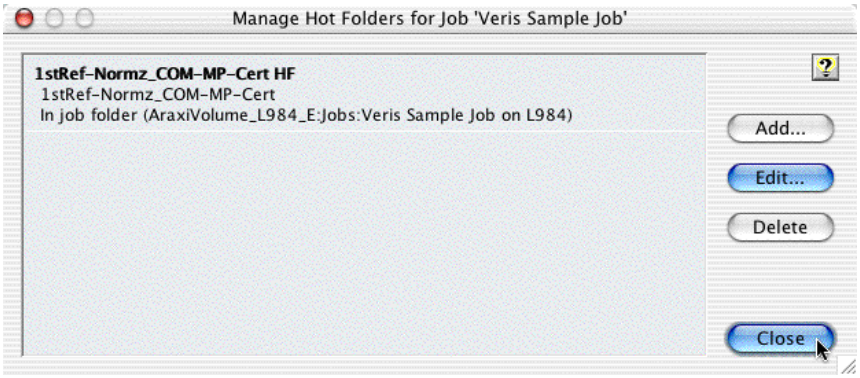

4. Select the **Add and Process Files** option.
5. Navigate to the workflow plan you want to use.
6. The name of the workflow plan automatically appears in the **Name** box. We recommend that you add HF to the end of the name to distinguish the hot folder.

   **Note:** File names are limited to 32 characters.

7. Click **OK**.



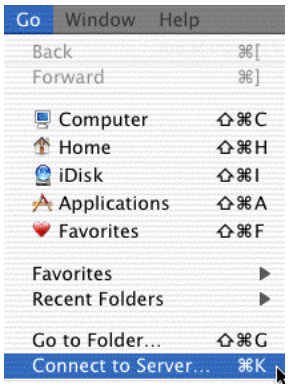

8. If you need more than one workflow plan to process your printing job, you can set up additional hot folders by repeating steps 3 to 8.
9. Click **Close**.



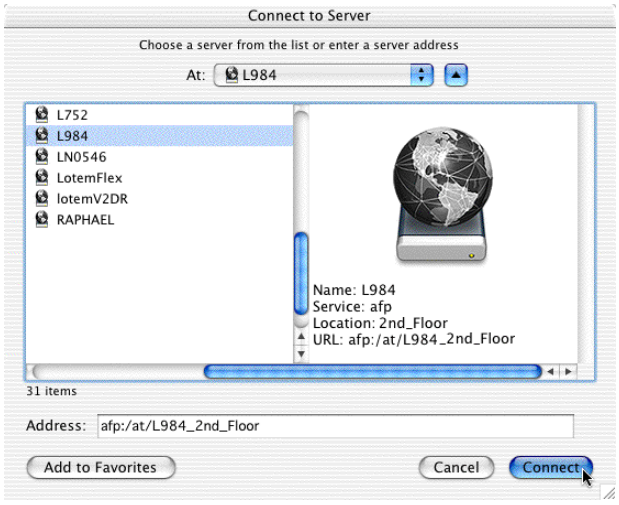
## Sending a Prinergy job to Veris using a hot folder

### To send a Prinergy job to Veris using a hot folder:

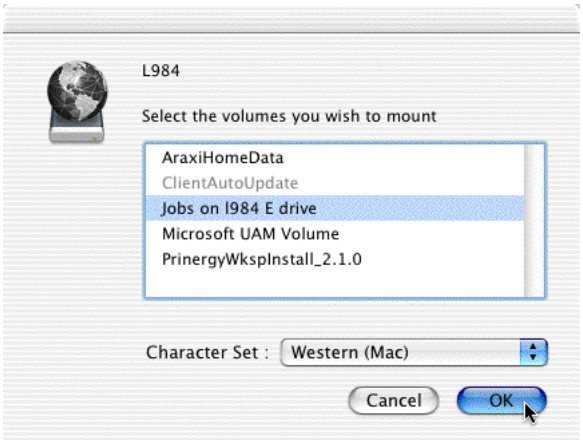
1. At your Macintosh workstation, select **Go>Connect to Server…**.



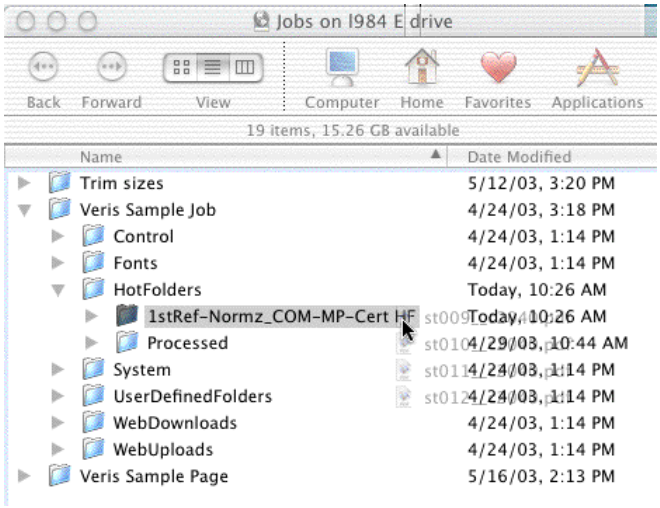

2. Navigate to the server that the Veris proofer is on or type the IP address in the **Address** box.
3. Click **Connect**.



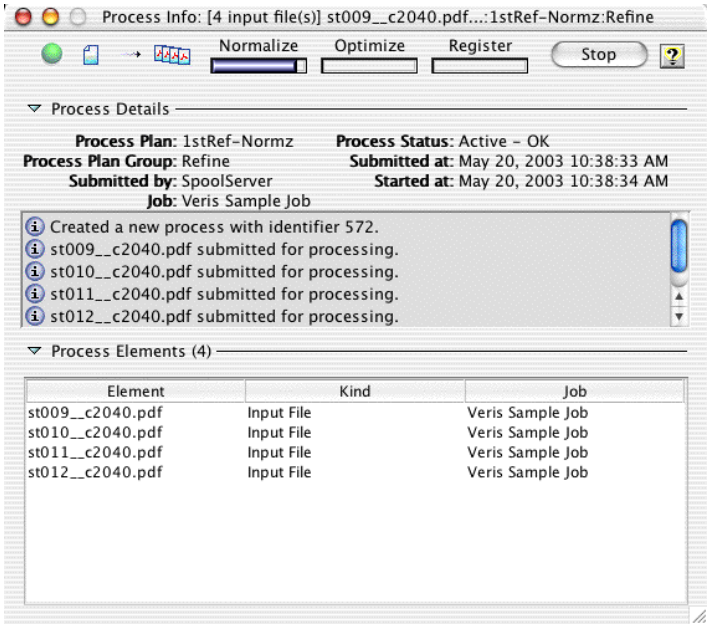
4. Highlight the volume.
5. Click **OK**.

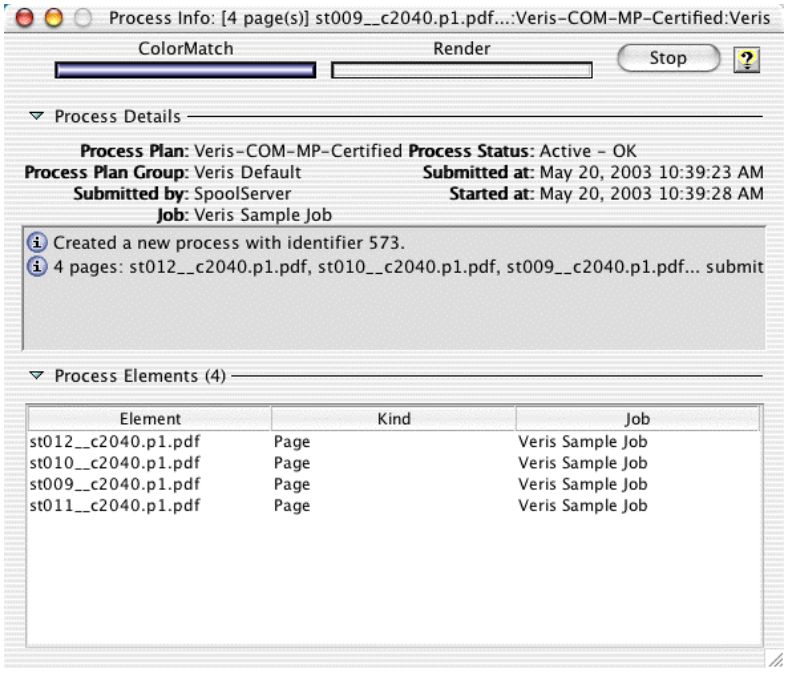



6. Double-click **Jobs on <xxxx>** on the desktop.
7. Open the **Job** folder that includes your **Veris hot folder**.
8. Highlight the files you want to send to the Veris proofer and drag and drop them on the hot folder.



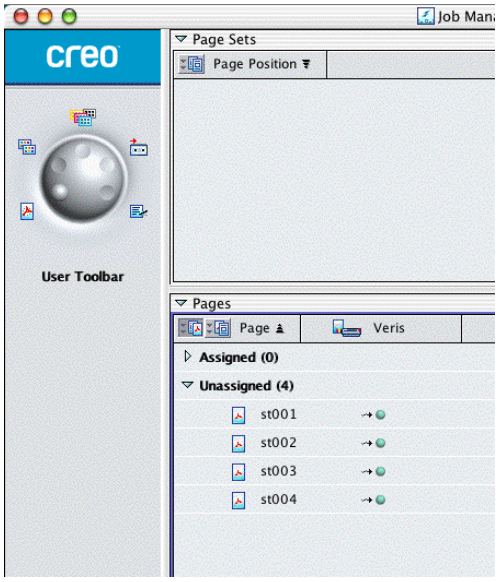

The jobs appear in the Prinergy Workshop Job Manager, where they are refined, organized onto sheets and sent to the Veris proofer.




If you see the error message, `A connection could not be made to Veris proofer on: veris` xxxx, check that the Veris Workflow is started on veris xxxx, check to make sure the Veris proofer is online.

In the Prinergy Workshop Job Manager, List View, the icons beside the pages indicate that the pages are being processed to be proofed on the Veris.




If you open the Veris client, you will see the jobs in the Processor queue.

# Appendix 1: Prinergy Settings that Work with the Creo Certified Process

If you are using the Creo Certified Process, the choices you make in the following three settings in the Prinergy process plan are crucial, as these three elements work together:

- **Paper** under Media in the Layout pane
- **Proof Process Profile** in the ColorConvert pane
- **Substitution Profile for Final Output Profile** in the ColorConvert pane

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), Destination ICC profile (Proof Process profile), and ICC device link profile (Final Output profile) that work successfully together. There is a one-to-one correlation between the Paper and the Proof Process profile. Each of those combinations has a number of compatible Substitution Profiles for Final Output (device link profiles). To see which combinations combine in the Creo Certified Process, refer to the following table:

| Veris name | Media | Veris default Destination ICC profile | Veris default ICC Device Link profile |
|---|---|---|---|
| Prinergy name | **Paper** | **Proof Process Profile** | **Substitution Profile for Final Output** |
| | 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 |
| | | | Veris-COM-F-Tint-mmddyy.dvl |
| | | | Veris-COM-MP-mmddyy.dvl |
| | | | Veris-COM-MP-Tint-mmddyy.dvl |
| | | | Veris-COM-F15-mmddyy.dvl |
| | | | Veris-COM-F17-mmddyy.dvl |
| | | | Veris-COM-F23-mmddyy.dvl |
| | | | Veris-COM-F32-mmddyy.dvl |
| | | | Veris-COM-PPA-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- | Veris-PUB-mmddyy.icc | Veris-PUB-TR001-mmddyy.dvl |

| | | | |
|---|---|---|---|
| | Matte 285 | | 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 |

**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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