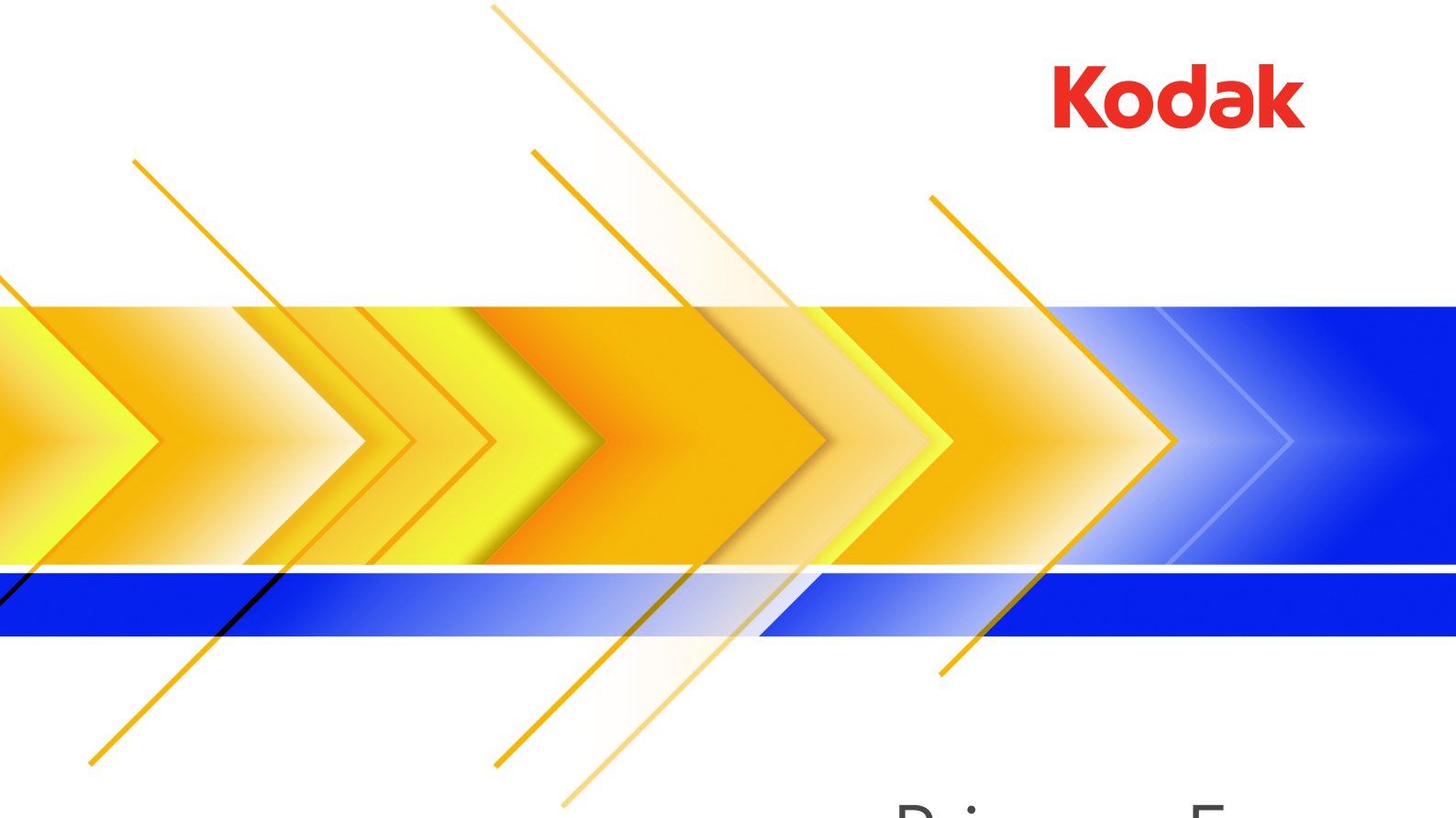

Prinergy Evo

Activities Guide
English

748-00013B-EN Rev. A

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http://graphics.kodak.com/

Internal 748-00013B-EN

October 26, 2007 12:21 pm

Welcome

Congratulations on your purchase of Kodak® Prinergy® Evo™ software! Your system will be shipped to you soon.

We encourage each member of your team to review this learning package before your system is installed.

Your training consists of web-based training and hands-on activities with sample files. You can work alone and at your own pace.

You can also use these tools to coach someone else to learn Prinergy Evo.

All the tools are available on the *Kodak Prinergy Evo 4 Training DVD* and from https://ecentral.graphics.kodak.com.

Target Audience

- Prepress operator
- Proof or plate operator
- Prepress system administrator

Optional:

- Prepress manager
- Customer service representative

Past Learning Requirements

You are advised to have:

- Basic prepress knowledge
- Experience using prepress software applications—for example, QuarkXPress® or Adobe InDesign® software
- Apple® Mac OS® X operating system software system knowledge
- Microsoft® Windows® 2000 or Windows Server® 2003 operating system knowledge

Getting Ready

Prepare Your System

Prepare to use this learning package by completing the following steps:

1. Install Adobe Flash® Player 7.0 or higher.

Note: Note both of these players are free and can be downloaded from Adobe at http://www.adobe.com.

2. Install Acrobat Reader.
3. Install a supported web browser. Internet Explorer 6.0 or higher is recommended.
4. Set your monitor display to 1024 x 768 pixels.

Learning Tools

The *Kodak Prinergy Evo 4 Training DVD* contains the tools you need to learn Prinergy Evo:

- *Prinergy Evo Activities Guide* (this guide):
  - *Learning Path*
  - *Task-Oriented Activities*
- *Learning Prinergy Evo Web-based Training*

We strongly recommend that you use these tools in the following order:

1. The Prinergy Evo Learning Path (in this guide)

Use this section to choose the training tools and specific activities that are relevant to your job. This way you can complete the training in the shortest possible time.

Your learning path also depends on the Prinergy Evo configuration purchased by your company.

For more information, refer to page 4 in this guide.

2. Learning Prinergy Evo Web-based Training

The web-based training provides an interactive introduction to Prinergy Evo. You will learn about the Prinergy Evo workflow, the user interface, and key workflow steps and concepts.

You will save time and be more effective with Prinergy Evo if you complete the web-based training before your system is installed.

You can run the web-based training directly from the main menu on the *Kodak Prinergy Evo 4 Training DVD*.

3. Prinergy Evo Task-Oriented Activities (in this guide)

This section contains several groups of practical hands-on activities that you can use to learn Prinergy Evo quickly. The sample files for each activity are on the *Kodak Prinergy Evo 4 Training DVD*.

- Preparing for Task-Oriented Activities

  Explains how to set up the sample activity files on your Prinergy Evo server.

- Activities 1 to 13

  Learn important functions such as refining an input file using a template palette and creating an output workflow.

- Activities 14 to 25

  Gain additional knowledge and skills related to installation, configuration, prepress production, troubleshooting, and system administration.

- Activities 26 to 30

  Learn how to configure preflight profiles, create a layout using an output PDF process template, and automatically create impositions.

- Activities 31 to 36

  Take advantage of workflow templates and dynamic settings to further automate your prepress workflow and increase production.

- Activities 37 to 41

  Learn how to work with transparency in files, how to import and export templates, how to apply Plate and Print Calibration curves, and how to add variable text sluglines to output.

  For more information refer to page 9 in this guide.

Identify Your Job Role

Choose your job role and follow it throughout this guide to create your learning path.

- Prepress manager
- Prepress operator
- Proof or plate operator
- Prepress system administrator
- Customer service representative

Learning Path

Choose the training tools and specific activities that are relevant to your job.

1. Understand Prinergy Evo

Job Role	Topic	Use this Learning Tool
Everyone	Prinergy Evo features, concepts, supported input file formats	• Web-based training • *Prinergy Evo Activities Guide*

2. Apply workflow concepts and navigate Prinergy Evo

Job Role	Topic	Use This Learning Tool
Everyone	Process templates Hot folders Template Palette, Browser Virtual printers Process Viewer	• Web-based training • *Prinergy Evo Activities Guide* • Prinergy Evo Client Help

3. Process input files

Job Role	Topic	Use This Learning Tool
Prepress operator Prepress manager	Prinergy Evo features, concepts	• Web-based training • Prinergy Evo Client Help
	Refine PDF and Adobe PostScript® input files	Activity 3, 4, 7
	Refine with spot color handling	Activity 5
	Refine an imposed PostsScript flat with OPI	Activity 12
	Refine and trap input files	Activity 13
	Edit PDF page trim and bleed settings with Kodak Prinergy® Geometry Editor software	Activity 24
	Apply PDF Preflight settings	Activity 26
	Automatically create impositions	Activity 28
	Create a workflow template	Activity 31
	Apply dynamic settings to refine	Activity 32
	Use dynamic settings to build a signature list	Activity 33
	Transparency handling	Activity 37, 38

4. Output to proof and plate

Job Role	Topic	Use This Learning Tool
Prepress operator Proof operator Plate operator Prepress manager	Prinergy Evo features, concepts	• Web-based training • Prinergy Evo Client Help
	Output a PDF file to proof or plate	Activity 1, 2, 6
	Output a PDF page-based imposition to proof or plate	Activity 9, 21
	Monitor output processes in Process Viewer	Activity 1, 2, 6
	Output Signature Booklet imposition proof	Activity 29
	Create a workflow template	Activity 31
	Apply dynamic settings to output from PDF and output from imposition	Activity 32
	Use dynamic settings to output from imposition	Activity 33
	Ouput a single PostScript flat	Activity 34
	Remake a plate using Plate ID	Activity 35
	Use TIFF Downloader to output 1-bit TIFF files	Activity 36
	Apply Plate and Print Calibration Curves	Activity 40
	Add variable text sluglines to output	Activity 41

5. Customize the workflow

Job Role	Topic	Use This Learning Tool
Prepress manager Prepress system administrator	Prinergy Evo features, concepts	• Prinergy Evo Client Help • Prinergy Evo Administrator Help
	Create a process template	Activity 6, 7
	Configure a template palette	Activity 8
	Configure a hot folder	Activity 2, 4
	Configure an automatic refine and output workflow using hot folders	Activity 10
	Configure an automatic refine and output workflow using a template palette	Activity 11
	Configure a virtual printer	Activity 15
	Create and add colors to a spot color library	Activity 23
	Create relative file paths to organize files within job folders	Activity 25
	Create a workflow template	Activity 31
	Apply dynamic settings to refine, output from PDF, output from imposition	Activity 32
	Use dynamic settings to build a signature list and output from imposition	Activity 33
	Remake a plate using Plate ID	Activity 35
	Use TIFF Downloader to output 1-bit TIFF files	Activity 36
	Import and Export Process and Workflow Templates	Activity 39
	Apply Plate and Print Calibration Curves	Activity 40
	Add variable text slugline to output	Activity 41

6. Administer the Prinergy Evo system

Job Role	Topic	Use This Learning Tool
Prepress manager Prepress system administrator	Prinergy Evo features, concepts	• *Prinergy Evo System Administration Guide* • Prinergy Evo Client Help • Prinergy Evo Administrator Help
	Restart the system	Activity 17
	Resolve problems	Activity 18, 19
	Install Prinergy Evo software updates	Activity 14
	Import and export process and workflow templates	Activity 39

7. Help someone learn the Prinergy Evo workflow

Sometimes a coach can help the learning process.

Job Role	As a Coach, You Will	Use This Learning Tool
A coach might be a: • Prepress operator • Prepress manager • Prepress system administrator	• Develop your own expertise with Prinergy Evo • Plan the learning path with your learner, based on their job role • Select the appropriate learning tools for your learner • Check the learner's progress. Ask and answer questions.	• Web-based training • Activities 1 to 45

Task-Oriented Activities

Introduction

Note: You will complete these activities faster and learn more if you have completed the Learning Prinergy Evo Web-based Training on the *Kodak Prinergy Evo Training DVD*.

Overview

Each activity is a collection of related concepts and hands-on tasks that provide you with practical experience with Prinergy Evo.

Sample files are supplied for each activity. Be sure to read the section *Preparing for Task-Oriented Activities* on page 11

You can use the *Learning Path* section on page 4 to select the activities that are related to your job. You may disregard some activities if you do not use particular features of the system.

Best Practice

- Read the activities and select the ones you need
- Allow between four and six hours to complete your activities
- Schedule time to complete the activities, for example, in one session or in blocks of time
- Tell your co-workers you are in training
- Find a quiet place to do your training
- Refer to the support documentation, as required
- Reinforce your learning by reviewing the summaries at the end of each activity

Need Help?

If you require assistance in using Prinergy Evo, refer to the documents referenced throughout this guide, including the Prinergy Evo Help.

You can also contact a service representative:

http://graphics.kodak.com/us/contact_us/default.htm.

eCentral

Kodak eCentral®, the Internet portal, for customers with Kodak service agreements:

https://ecentral.graphics.kodak.com.

Supporting Resources

Note: Documentation is also available in PDF format at https://ecentral.graphics.kodak.com

Documentation/URL
Prinergy Evo Release Notes
Prinergy Evo Quick Reference Card 2
Prinergy Evo Installation Guide
Prinergy Evo Administrator Help
Prinergy Evo System Administrator Guide
Prinergy Evo Client Help
Kodak Prinergy® Virtual Proofing System (VPS) software Help
Harmony 1.2 User Guide
Kodak Prinergy® Separation Viewer help file (Kodak plug-in to Adobe® Adobe® Acrobat)
Kodak Prinergy® PDF Trap Editor Plug-in Help (Kodak plug-in to Acrobat)
Kodak Prinergy® PDF Trap Editor Plug-in Quick Start Guide (Kodak plug-in to Acrobat)
Kodak Prinergy® View Accelerator Plug-in Help (Kodak plug-in to Acrobat)
Kodak Prinergy® Geometry Editor Plug-in Help (Kodak plug-in to Acrobat)
Preps 5.2 or later User Guide
Preps 5.2 or later Learning Guide 5
Preps 5.2 or later Help

Preparing for Task-Oriented Activities

Before beginning the Prinergy Evo task-oriented activities, you must connect to the Prinergy Evo **JobData** and **Hotfolders** shared file server volumes with Mac OS X. Next, you must copy the practice files from the **Task-Oriented Activities** folder to your Prinergy Evo server.

Preparing to Do the Task-Oriented Activities on Mac OS X:

1. Insert the *Kodak Prinergy Evo 4.0 Training DVD* into the DVD drive on your client computer.
2. Connect to the shared file server volumes on your Prinergy Evo server.
   a. From the **Go** menu, select **Connect to Server**.
   b. In the Connect to Server dialog box, in the **Address** field, type the IP address of your Prinergy Evo server. The service representative installing your Prinergy Evo system or your system administrator can identify this address.
   c. In the Connect to the file server dialog box, type your user name and password, and then click **Connect**.
3. From the list of available shared file server volumes, select both **JobData** and **HotFolders**. Click **OK**.

   The **JobData** and **HotFolders** icons will appear on your desktop.

   The **JobData** shared file server volume is where you will store most files used in the Prinergy Evo workflow. The **HotFolders** shared file server volume is where you will find the hot folders that you use in your Prinergy Evo workflow.
4. Open the shared **JobData** volume on your desktop.
5. Create a new folder on your Prinergy Evo JobData shared file server volume and assign a unique name—for example **JobData\[Your Name]**.
6. From your desktop, find and open the Prinergy Evo Training DVD.
7. Select the **Task-Oriented Activities** folder from the Prinergy Evo Training DVD, and drag it to copy it to your new folder.
8. View the **Task-Oriented Activities** folder in the shared **JobData** volume. This is where you will now find all source files needed to complete the Prinergy Evo Task-Oriented activities.

   You can now eject the Prinergy Evo Training DVD from the CD-ROM drive on your computer.

   You are now ready to start the hands-on Prinergy Evo Task-Oriented activities!

ACTIVITY 1

Using the Template Palette to Output a PDF File to Preview

Who Should Complete This Activity

- Prepress operators outputting proofs and plates
- Proof operators and plate operators

Why You Should Complete This Activity

Activity 1 introduces you to the procedures used to output PDF files via the template palette. The template palette allows you to access multiple process templates in one location. This output submission process can be used to output preview files, or to output to a proofing or platesetting device.

In this activity you will output a PDF file to a preview file, and then view the preview file in the Prinergy Virtual Proofing System software.

Recommended Reading

- *Preparing for Task-Oriented Activities* on page 11 of this guide.
- Prinergy Evo Help: Supported Output Files
- Prinergy Evo Help: Previewing PDF Files via the Prinergy Virtual Proofing System software

Time to Complete This Activity

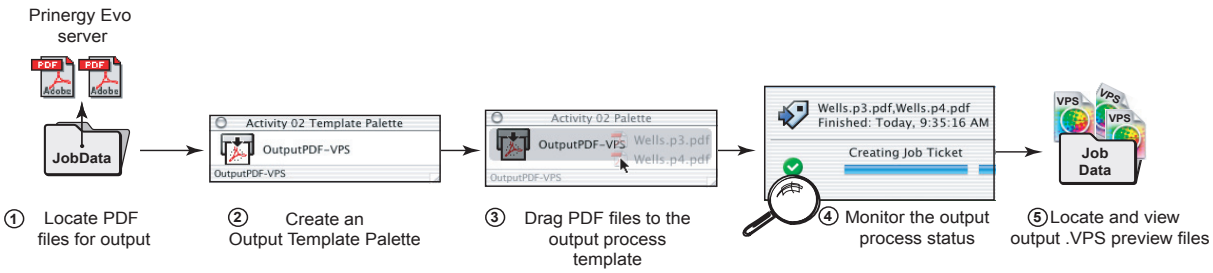
- Approximately 10 to 15 minutes

Activity 1 Using the Template Palette to Output a PDF File to Preview

What You'll Learn

You will learn how to use a default output process template to output supplied PDF files using a template palette. PDF files will be output to proof, using Prinergy Virtual Proofing System software.

What You'll Do

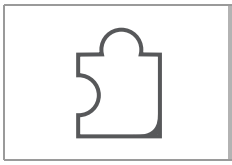


What You'll Need

For this practice activity, you must:

- Open the shared **JobData** volume on your Prinergy Evo Server
- Open the **Task-Oriented Activities\Activity 01** folder
- Find **Wells.p3.pdf** and **Wells.p4.pdf**

! **Important:** Complete *Preparing for Task-Oriented Activities* on page 11 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.



Activity: Apply What You Know

Create a New Template Palette

1. Start the Prinergy Evo client application.
2. From the **Window** menu, select **New Template Palette**.
3. In the New Template Palette dialog box, in the **Name** box, type a name for the template palette. Click **OK**.

   The new template palette appears.
4. In the Customize Template Palette dialog box, find the **Output from PDF-VPS-Factory** process template stored in the **Output from PDF** process template group:
5. Drag the **Output from PDF-VPS Factory** process template to the template palette.
6. View your template palette with the **Output from PDF-VPS-Factory** icon.
7. Close the Template Browser.

Output PDF Files to Preview

1. Open the shared JobData file server volume, then open the **Task-Oriented Activities\ Activity 01** folder. Find the PDF files:

   Wells.p3.pdf and **Wells.p4.pdf**
2. Select both **Wells.p3.pdf** and **Wells.p4.pdf** and drag them to the **Output PDF-VPS** icon in your new template palette.
3. In the Process Start dialog box, verify that the correct PDF files and process template are selected. Click **Go**.
4. If the Process Viewer is not already open, from the **Window** menu select **New Process Viewer**. Select **Wells.p3.pdf** and **Wells.p4.pdf** and view the status of the output process in the bottom of the Process Viewer window.

   Prinergy Evo generates several Prinergy Virtual Proofing System software preview files with the file extension **.VPS** for each of the PDF input files.
5. To find the Prinergy Virtual Proofing System software preview files, open the shared JobData file server volume, then open the **Task Oriented Activities\ Activity 01** folder.

Note: The Prinergy Virtual Proofing System software preview files are placed in the location specified in the **Output from PDF-VPS-Factory** process template. In this process template, the output location of the VPS files is set to be the same location as the input source files.

Inspect Preview Files with Prinergy Virtual Proofing System software

1. Double-click any file with the file extension**.VPS** to automatically start Prinergy Virtual Proofing System software.
2. Inspect the preview files generated for **Wells.p3.pdf** and **Wells.p4.pdf**. You may view each color separation alone, or several separations together.
3. From the **Zoom** menu in Prinergy Virtual Proofing System software, select the **Fit to Window** view.

   See *Prinergy VPS Software User Guide* for detailed information.
4. After viewing the preview files, **Quit** Prinergy Virtual Proofing System software (**Exit** on a Windows platform) and return to Prinergy Evo.

Optional: Delete Template Palette

This procedure is optional. Complete this procedure if the template palette created for this activity will not be used in your workflow.

1. From the **Window** menu, select **Template Palettes**, then select **Edit This List**.
2. In the Edit Palette Windows dialog box, select the template palette you created, then select **Delete**.
3. After the template palette is deleted, close the Edit Palette Windows dialog box.

Activity Summary

In Activity 1, you output two PDF files as Prinergy Virtual Proofing System software preview files. Both PDF files were output using a template palette.

You proofed the preview files using Prinergy Virtual Proofing System software.

Personal Notes

ACTIVITY 2

Output a PDF Using a Hot Folder

Who Should Complete This Activity

- Prepress operators outputting proofs and plates
- Proof operators and plate operators

Why You Should Complete This Activity

Activity 2 explores the procedure to output PDF files using a hot folder. Hot Folders may be used to create a simple automated workflow, allowing users to process files without interacting with the Prinergy Evo client. This output submission process can be used to output preview files, or to output to a proofing or platesetting device.

This activity will provide you with a chance to output a PDF file and create a VPS preview file which can then be viewed using Prinergy Virtual Proofing System software.

Recommended Reading

- *Preparing for Task-Oriented Activities* on page 11 of this guide.
- Prinergy Evo Help: Configuring Hot Folders.

Time to Complete This Activity

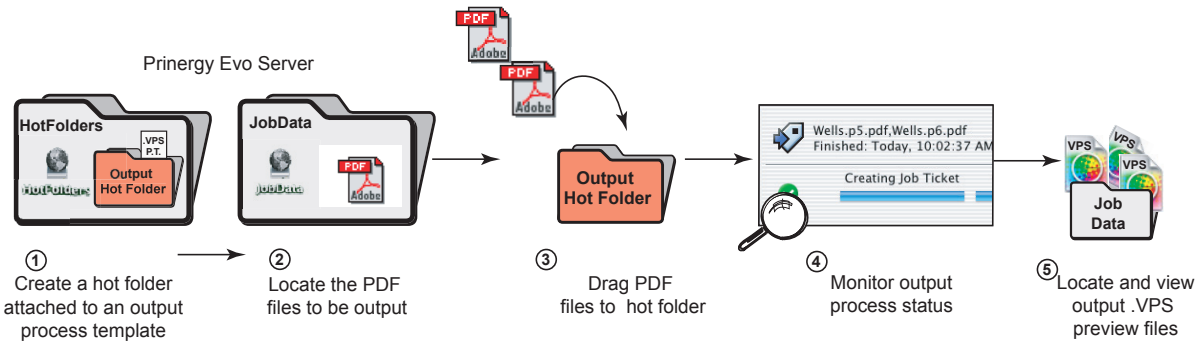
- Approximately 10 to 15 minutes

Activity 2 Output a PDF Using a Hot Folder

What You'll Learn

You will learn how to use a default output process template to output supplied PDF files using a hot folder. PDF files will be output to proof, using Prinergy Virtual Proofing System software.

What You'll Do



What You'll Need

For this practice activity, you must:

- Open the shared JobData volume on your Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 02** folder
- Locate **Wells.p5.pdf** and **Wells.p6.pdf**

! **Important:** Complete *Preparing for Task-Oriented Activities* on page 11 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.

Activity: Apply What You Know

Create a New Hot Folder

Note: The procedure for creating a hot folder may be slightly different with different versions of Prinergy Evo software. The following procedure uses Prinergy Evo 4.0 software.

1. In the Prinergy Evo Client Help, read the topic *Configuring Hot Folders* to learn about how hot folders work in Prinergy Evo and how to benefit from using them in your workflow.
2. From the Prinergy Evo **Configure** menu, select **Hot Folders**.
3. In the Hot Folders dialog box, click **New**.
4. In the Browse for Folder dialog box, Locate the shared **HotFolders** volume on your the Prinergy Evo server by browsing over the network.
5. Once you have found the shared volume, click **Browse** and after highlighting the HotFolders shared volume, click **Make New Folder**.

Note: If you don't have the shared HotFolders volume mounted on your desktop, see *Preparing for Task-Oriented Activities* on page 11 of this guide.

6. In the New Folder dialog box, type a name for your hot folder. Click **OK**.
7. In the New Hot Folder dialog box, verify the path to your new hot folder.
8. To select a process template to use with this hot folder, click **Add**. The Assign process template dialog box opens.
9. In the Assign process template dialog box, expand the Output PDF process template group. Select the **Output from PDF-VPS-Factory** process template, and then click **OK.**
10. In the Hot Folders dialog box, view the details of the hot folder you created. When you have finished viewing these details, close the dialog box by clicking the **OK** button.

At this point, you have:

- Created and named a hot folder in the **HotFolders** shared file server volume.
- Assigned an output process template to the new hot folder.

Output PDF Using a Hot Folder

1. Open the shared **HotFolders** file server volume and find the hot folder you created.
2. Open the shared JobData volume, then find **Task Oriented Activities\Activity 02\Wells.p5.pdf** and **Wells.p6.pdf**

Note: If you don't have the shared file server volumes mounted on your desktop or visible to your client workstation, see *Preparing for Task-Oriented Activities* on page 11 of this guide.

3. Select **Wells.p5.pdf** and **Wells.p6.pdf** and drag them to the hot folder you created in the shared HotFolders volume.
4. If the Process Viewer window is not already open, from the **Window** menu, click **New Process Viewer**. Select the process and view the status of the output process in the bottom of the Process Viewer window.
5. When the output process is complete, return to the shared **HotFolders** volume to view the output preview files inside the hot folder you created.

   Notice that the preview files are in the **Output** folder, and the original PDF files are in the **Input_Success** folder.

   For explanation of the other default folders that are a part of every hot folder created in Prinergy Evo, refer to Configuring Hot Folders in the Prinergy Evo Help.
6. In the **Output** folder, select the six preview files for **Wells.p5.pdf**. Double-click any of the files to automatically start Prinergy Virtual Proofing System software. View the preview files.

   Consult the *Prinergy VPS Software User Guide* for more detailed information.
7. After viewing the preview files, **Quit** or **Exit** Prinergy Virtual Proofing System software.

Optional: Delete a Hot Folder

This procedure is optional. Complete this procedure if the hot folder created for this activity will not be used in your workflow.

1. Using a file manager such as Windows Explorer or the Mac OS Finder, browse to the Hot Folder you created in this exercise.
2. Delete all files residing in the **Output** subfolder and the **Input_Success** subfolder.
3. From the Prinergy Evo **Configure** menu, select **Hot Folders**.
4. In the Hot Folders dialog box, select the hot folder you created, then click **Delete**.
5. In the shared **HotFolders** volume, select the hot folder.

6. If you want to remove the folder from your Prinergy Evo server computer, locate the **Hot Folders** shared file server volume and delete the folder.

Note: If you attempt to delete a Hot Folder using the Prinergy Evo client before you have deleted all files from within the subfolders within the Hot Folder, you will see the following warning

```
The Prinergy Evo server has reported on error. Stopped monitoring Hot
Folder \\squarepusher\hotfolders\Activity Two, but failed to delete
its directory because on or more of its subdirectories may still
contain files.
```

This is expected behavior alerting you to the fact that the hot folder contained files. These files and the subfolders that contained them will not be deleted until you manually delete them with a file browser or use other Prinergy Evo client mechanisms to delete the files.

Activity Summary

In Activity 2 you output two PDF files to preview files. Both PDF files were output using a hot folder. You proofed the preview files using software.

Personal Notes

ACTIVITY 3

Refine a PostScript file to PDF using the Template Palette

Who Should Complete This Activity

- Prepress operators

Why You Should Complete This Activity

Activity 3 introduces you to the refine process used in the Prinergy Evo workflow.

This activity will have you refine a PostScript file to PDF, then view the newly refined PDF file using Acrobat.

This activity demonstrates how files can be refined using the template palette.

Recommended Reading

- *Preparing for Task-Oriented Activities* on page 11 of this guide.
- Prinergy Evo Help: Submitting Files to the Template Palette.

Time to Complete This Activity

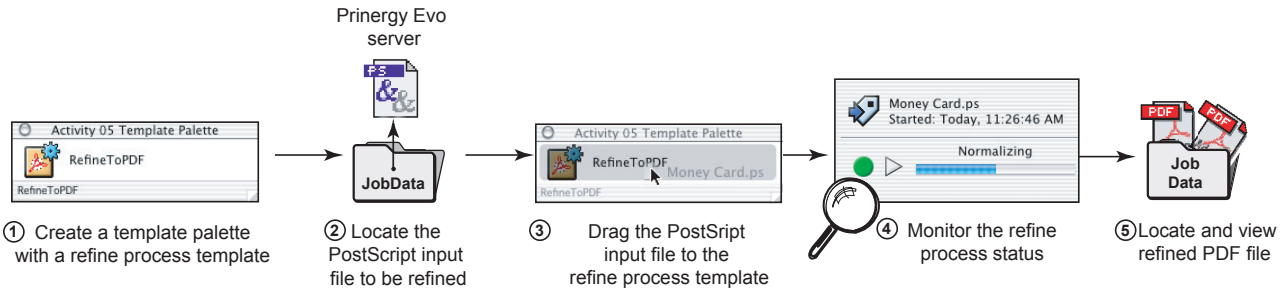
- Approximately 10 to 15 minutes

Activity 3 Refine a PostScript File to PDF Using the Template Palette

What You'll Learn

You will learn how to refine an input file (PostScript) to PDF using a template palette. The PDF file will be viewed in Acrobat following the refine process.

What You'll Do



What You'll Need

For this practice activity, you must:

- Open the shared JobData volume on your Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 03** folder
- Locate **Money Card.ps**

! **Important:** Complete *Preparing for Task-Oriented Activities* on page 11 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.

Activity: Apply What You Know

Create a new Refine process template

1. From the Prinergy Evo **Window** menu, select **New Template Palette**.
2. In the New Template Palette dialog box, type a name for the template palette. Click **OK**.
3. In the Template Browser dialog box, find the **RefineToPDF-Factory** process template in the Refine To PDF process template group.
4. Drag the **RefineToPDF-Factory** process template to the new template palette.
5. View the **RefineToPDF-Factory** process template icon in the template palette.

Refine Input Files to PDF Using the Template Palette

1. Open the shared JobData volume and find **\Task Oriented Activities\Activity 03\Money Card.ps**.
2. Select **Money Card.ps** and drag it to the template palette.
3. In the Process Start dialog box, check that the correct PostScript input file and process template have been selected. After checking your selection, click **Go**.
4. If the Process Viewer window is not already open, from the **Window** menu, select **New Process Viewer**. View the status of the refine process in the bottom of the Process Viewer window.
5. You may notice the Warning status of the refine process in the Process Viewer window. To view a detailed explanation of the warning, select the process and from the **View** menu, click **Item History**.

   The warning message indicates that Prinergy Evo encountered a low-resolution image and a PANTONE® color whose color recipe was not defined.
6. To find the refined PDF files, open the shared JobData file server volume, then find **\Task Oriented Activities\Activity 03**.

Note: The PDF output files are placed in the location specified in the **RefinetoPDF** process template. In this process template, the output location of the refined PDF files is set to be the same location as the input source files.

View PDF Output Files in Acrobat

1. In the **\Task Oriented Activities\Activity 03** folder, select both PDF files, then double-click them**.** This automatically starts Acrobat software.
2. View the files in Acrobat. See *Supporting Resources* on page 10 of this guide for a list of available resources for Kodak plug-ins to Acrobat.
3. After viewing the PDF files, **Quit** or **Exit** Acrobat and return to Prinergy Evo.

Optional: Delete Template Palette

This procedure is optional. Complete this procedure if the template palette created for this activity will not be used in your workflow.

1. From the **Window** menu, select **Template Palettes**, then select **Edit This List**.
2. In the Edit Palette Windows dialog box, select the template palette you created, then select **Delete**.
3. After the template palette is deleted, close the Edit Palette Windows dialog box.

Activity Summary

In Activity 3 you refined a PostScript input file into two PDF files. The PDF files were generated using a template palette. You then viewed the PDF files using Acrobat.

Personal Notes

ACTIVITY 4

Refine a PostScript Input File to PDF Using a Hot Folder

Who Should Complete This Activity

- Prepress operators

Why You Should Complete This Activity

Activity 4 furthers your introduction to the refine process used in the Prinergy Evo workflow.

This activity will allow you to refine a PostScript file to PDF, then view the newly refined PDF file using Acrobat.

This activity demonstrates how files can be refined using a hot folder.

Recommended Reading

- *Preparing for Task-Oriented Activities* on page 11 of this guide.
- Prinergy Evo Help: Refining Input Files.

Time to Complete This Activity

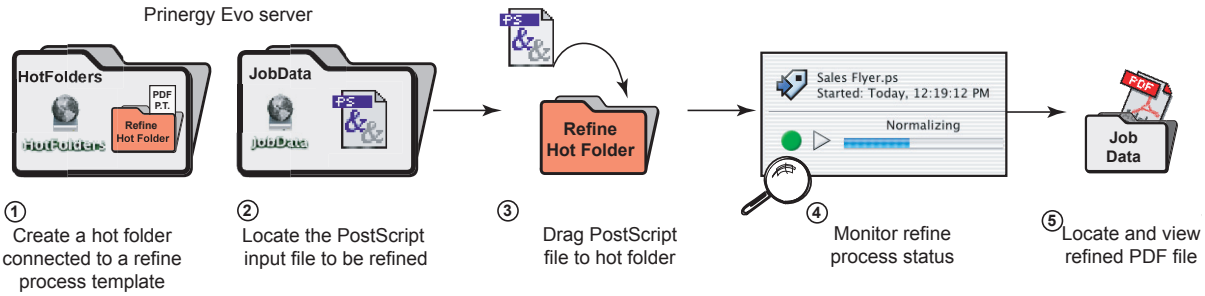
- Approximately 10 to 15 minutes

Activity 4 Refine a PostScript Input File to PDF Using a Hot Folder

What You'll Learn

You will learn how to refine an input file (PostScript) to PDF using a hot folder. You will then view the PDF file in Acrobat.

What You'll Do

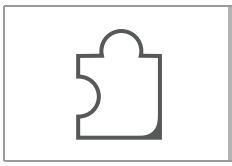


What You'll Need

For this practice activity, you must:

- Open the shared JobData volume on your Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 04** folder
- Locate **Sales Flyer.ps**

! **Important:** Complete *Preparing for Task-Oriented Activities* on page 11 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.



Activity: Apply What You Know

Create a New Hot Folder

Note: The procedure for creating a hot folder may be slightly different with different versions of Prinergy Evo software. The following procedure uses Prinergy Evo 4.0 software.

1. In the Prinergy Evo Client Help, read the topic *Configuring Hot Folders* to learn about how hot folders work in Prinergy Evo and how to benefit from using them in your workflow.
2. From the Prinergy Evo **Configure** menu, select **Hot Folders**.
3. In the Hot Folders dialog box, click **New**.
4. In the Browse for Folder dialog box, locate the shared **HotFolders** volume on the network.
5. Once you have found the shared volume, click **New Folder**.

Note: If you can't locate the shared HotFolders volume, see *Preparing for Task-Oriented Activities* on page 11 of this guide.

6. In the New Folder dialog box, type a name for your hot folder. Click **Create**.
7. In the Locate the Hot Folder dialog box, select the hot folder you created. Click **Choose**.
8. In the New Hot Folder dialog box, verify the path to your new hot folder.
9. To select a process template to use with this hot folder, click **Add**. The Assign process template dialog box opens.
10. In the Assign process template dialog box, expand the Refine to PDF process template group. Select the **RefineToPDF-Factory** process template, and then click **OK.**
11. In the Hot Folders dialog box, view the details of the hot folder you created. When you have finished viewing these details, close the dialog box.

Refine a PostScript Input File Using the New Hot Folder

1. Open the shared HotFolders volume and locate the hot folder you created.
2. Open the shared JobData volume and locate:

   Task Oriented Activities\Activity 04\Sales Flyer.ps.
3. Select the **Sales Flyer.ps** file, then drag it to the hot folder you created in the shared HotFolders volume.

4. If the Process Viewer window is not already open, from the **Window** menu, select **New Process Viewer.** View the status of the refine process in the bottom of the Process Viewer window.
5. When the refine process is complete, return to the shared HotFolders volume and view the **Salesflyer.ps.pdf** file. Notice that the PDF file is located in the **Output** folder, and the original PostScript file is located in the **Input_Success folder**.
6. In the **Output** folder, double-click the PDF file. Acrobat software will start.

Optional: Delete a Hot Folder

This procedure is optional. Complete this procedure if the hot folder created for this activity will not be used in your workflow.

1. Using a file manager such as Windows Explorer or the Mac OS Finder, browse to the Hot Folder you created in this exercise.
2. Delete all files residing in the **Output** subfolder and the **Input_Success** subfolder.
3. From the Prinergy Evo **Configure** menu, select **Hot Folders**.
4. In the Hot Folders dialog box, select the hot folder you created, then click **Delete**.
5. If you want to remove the folder from your Prinergy Evo server computer, locate the Hot Folders shared file server volume and delete the folder.

Activity Summary

In Activity 4 you created a hot folder connected to a refine process plan. You refined a PostScript input file into a PDF file using the new hot folder, then viewed the file using Acrobat.

Personal Notes

ACTIVITY 5

Mapping PostScript Spot Colors

Who Should Complete This Activity

- Prepress operators

Why You Should Complete This Activity

Activity 5 introduces you to the spot color handling features available in the Prinergy Evo workflow. This activity introduces you to using the refine process to determine which spot colors are defined in your PostScript input file, then using a second refine process to map one spot color to another to reduce the number of spot colors in your final PDF file.

You will practice a workflow that will be helpful if the spot colors in your composite input files don't match the spot colors that you need for output, or if you don't know what spot colors are in your input files.

Recommended Reading

- Prinergy Evo Help: Handling Spot Colors
- Prinergy Evo Help: Reducing Spot Colors During Refine
- Trap Viewer Plug-in Help
- *Trap Editor Plug-in Quick Start Guide*

Time to Complete This Activity

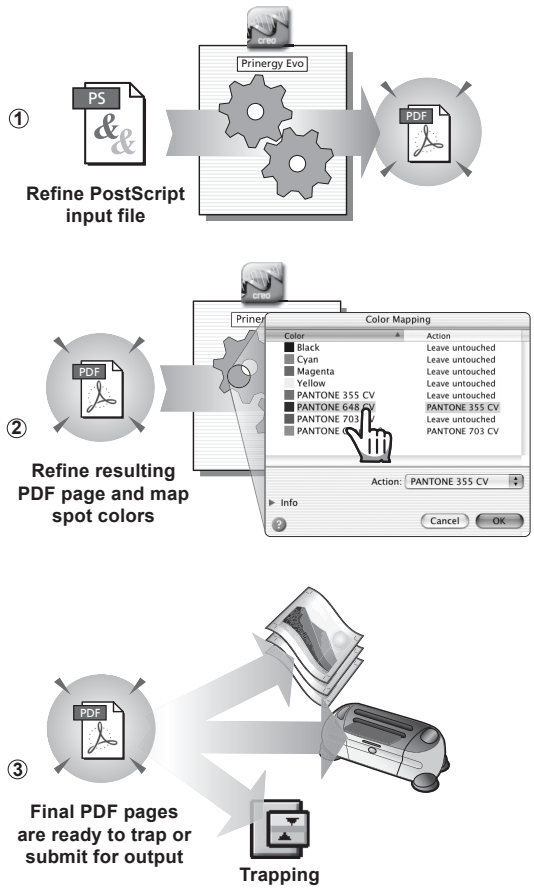
- Approximately 15 to 20 minutes

Activity 5 Mapping PostScript Spot Colors

What You'll Learn

You will learn how to determine which spot colors are defined in a PostScript input file. You will learn how to map one spot color to another using the refine process.

What You'll Do



What You'll Need

For this practice activity, you must:

- Open the shared JobData volume on your Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 05** folder

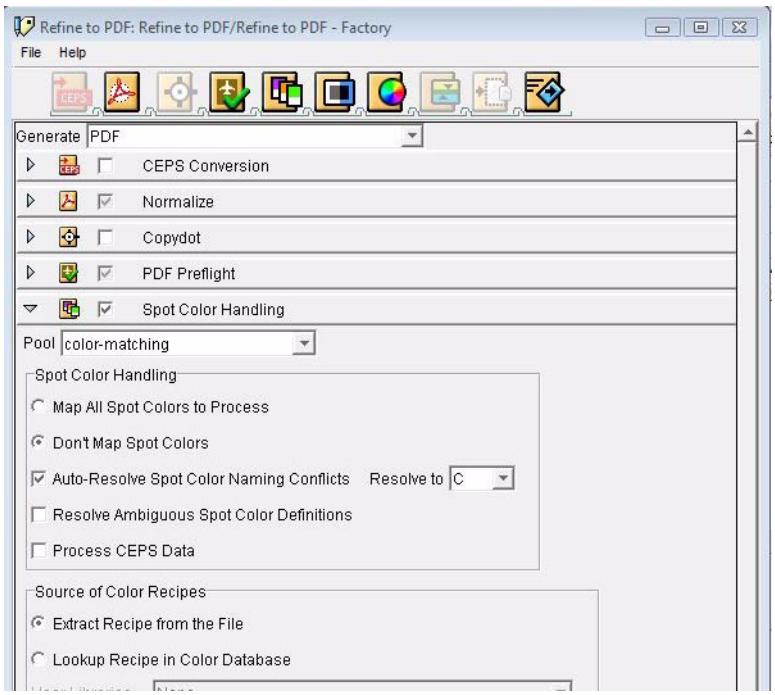
- Locate **PrintBuyerGuide.ps**

! **Important:** Complete *Preparing for Task-Oriented Activities* on page 11 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.

Activity: Apply What You Know

Refine PostScript Input Files

1. Open the shared JobData volume on your desktop and find **\Task Oriented Activities\Activity 05\ PrintBuyerGuide.ps**.
2. From the Prinergy Evo client **Configure** menu, select **Process Templates**.
3. In the Process Template Editor dialog box, select a refine process template from the **Process Templates\Factory Templates\Refine to PDF** group. You may use the default **RefinetoPDF - Factory** process template installed with the system.
4. In the **Refine to PDF\Refine to PDF - Factory** process template dialog box, verify spot color handling options For this step, **Don't Map Spot Colors** should be selected. The correct settings for spot color handling are shown here:



5. Close the **Refine to PDF - Factory** process template. Do not save it.
6. Submit **PrintBuyerGuide.ps** to the **Refine to PDF - Factory** process template. Use your preferred method to submit the file. You may use a template palette, hot folder, the **File** menu, or the Template Browser.

7. In Acrobat, check the resulting PDF pages.
   a. Select the **Prinergy Separation Viewer** plug-in.
   b. Note which spot colors are used.

The Prinergy Separation Viewer is a Kodak plug-in to Acrobat. For more information about using this plug-in, see the Prinergy Separation Viewer help file (**Acrobat** > **Help** > **Plug-In Help** > **Prinergy Separation Viewer**).

Map Spot Colors in PDF Files Using the Refine Process

1. Locate the refined PDF pages and submit these refined PDF pages to the **Refine to PDF - Factory** process template:

   PrintBuyerGuide.p0001.pdf

   PrintBuyerGuide.p0002.pdf

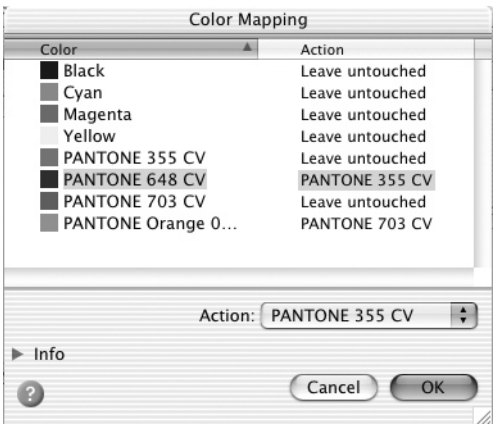
   PrintBuyerGuide.p0003.pdf

   PrintBuyerGuide.p0004.pdf

2. In the Process Start dialog box, click **Settings**. The Spot Color Mapping list will appear in the Process Template Settings dialog box.

Note: The first time you access the Process Template Settings dialog box, Prinergy Evo loads the color libraries. This may take from 30 seconds to a few minutes.

The Colors section of the Process Template Settings dialog box lists all colors defined in the input files. This job should output six colors (Cyan, Magenta, Yellow, Black, PANTONE 703C, PANTONE 648C). We will map two of the eight colors to two other colors.



3. In the Spot color mapping dialog box, map spot color names so only the required colors will print.

a. In the **Color** list, select **PANTONE 648C**, then in the **Action** list, select **PANTONE 355 C**.

Any object in the PDF files which was originally colored PANTONE 648CV will now be colored PANTONE 355 CV.

b. In the **Color** list, select **PANTONE Orange 021**, then in the drop-down menu, select **PANTONE 703 C**.

c. Click **OK**.

Note: If you prefer, you can select one of the spot colors and select Convert to process.

4. In the Process Start window, click **Go**.
5. View the status of the refine process in the **Process Viewer** window.
6. Click **Item History** to view the detailed information about how Evo has refined the PDF pages successfully.
7. Prinergy Evo has created new PDF pages. Note that the existing files have not been overwritten. Prinergy Evo adds a new extension to identify the new files:

   PrintBuyerGuide.p0001.new.pdf,

   PrintBuyerGuide.p0002.new.pdf

   PrintBuyerGuide.p0003.new.pdf

   PrintBuyerGuide.p0004.new.pdf

   You may now trap these new PDF pages, or submit them for low-resolution or high-resolution output.

Activity Summary

In Activity 5 you refined a PostScript input file which contained unknown spot colors. You then refined the resulting PDF pages. During the second refine, you mapped two spot colors in the PDF pages reducing the number of spot colors in the file set from eight to six. The new PDF pages can now be trapped or submitted for low-resolution or high-resolution output.

Personal Notes

ACTIVITY 6

Building an Output Process Template

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Activity 6 introduces you to building process templates in Prinergy Evo. It highlights the options available when building an output process template using the Process Template Editor.

A process template is required for every process executed in a Prinergy Evo workflow.

Recommended Reading

- *Preparing for Task-Oriented Activities* on page 11 of this guide
- Prinergy Evo Help: What is the Process Template Editor

Time to Complete This Activity

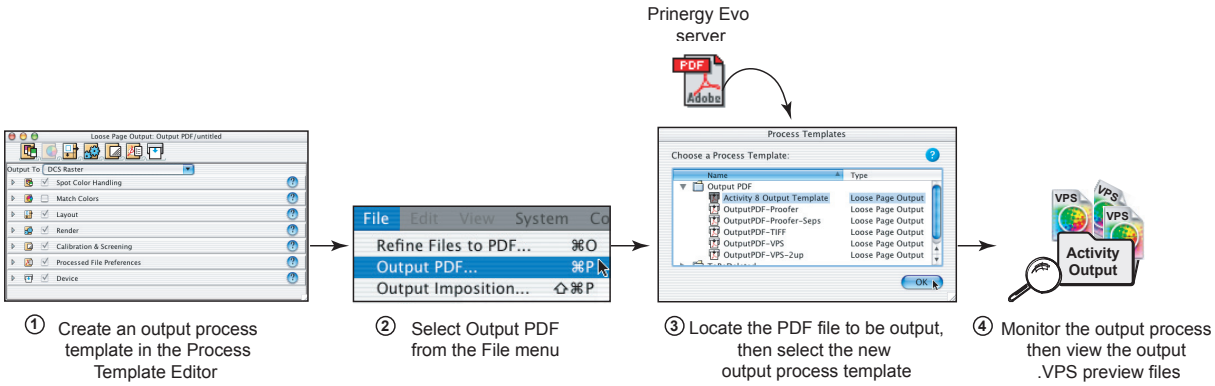
- Approximately 15 to 20 Minutes

Activity 6 Building an Output Process Template

What You'll Learn

You will learn how to build an output process template using the Process Template Editor. You will access the output process template via the **File** menu to output supplied PDF files to Prinergy Virtual Proofing System software preview files.

What You'll Do



① Create an output process template in the Process Template Editor

② Select Output PDF from the File menu

③ Locate the PDF file to be output, then select the new output process template

④ Monitor the output process then view the output .VPS preview files

What You'll Need

For this practice activity, you must:

- Open the shared JobData volume on your Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 06** folder
- Find **Wells.p1.pdf**

Important: Complete *Preparing for Task-Oriented Activities* on page 11 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.

Activity: Apply What You Know

Create a New Output Folder

1. On your desktop, open the shared JobData volume.
2. With the JobData volume open and highlighted, select **New Folder** from the **File** menu.
3. In the JobData window, name the new folder **Activity Output**. You will configure a process template to output PDF files to this folder.

Configure an Output Process Template

1. Start Prinergy Evo.
2. Start Process Template Editor by selecting **Process Templates** from the **Configure** menu.
3. In the Process Template Editor window, view the default process templates in the **Output from PDF** process template group.
4. Create new process template group.
5. From the Process Template Editor **File** menu, select **Output from PDF Template**.
6. In the Output PDF process template dialog box, view the eight available sections used to configure the parameters of a process template. Select an icon at the top of the dialog box or click the triangle to view the section's options.

   To learn more about the settings available in each section, click the context-sensitive help button.
7. From the **Output To** list, select **Virtual Proof.**
8. Select the **Match Colors** check box to activate settings in the **Color Matching** section.
9. Click the drop-down arrow in **File Delivery**, select the **Send Processed file to...** option and then click **Browse**.
   a. In the File Browser window double-click the JobData volume.
   b. In the JobData volume, select the **Activity Output** folder.
10. In the **Processed File Preferences** section, verify that the entry in the **Device Path** box is: **[JobData]\Activity Output.**

    This path determines the location of the output file once processed.
11. From the Process Template Editor **File** menu, select **Save**.
12. In the Save Process Template dialog box, select the **Output from PDF** process template group, as the "home" of the new process template.

13. Type a name for the new process template, then click **Create Process Template**.
14. View the new process template in the Prinergy Evo Process Template Editor. **Close** the Process Template Editor after viewing.

Output PostScript files to PDF Virtual Proof

1. From the Prinergy Evo **File** menu select **Output from PDF**.
2. In the Select Input Files dialog box, select **JobData\Task Oriented Activities\Activity 06 \Wells.p1.pdf**. Click **Open**.
3. In the Process Templates dialog box, select the output process template that you created, then click **OK**.
4. In the Process Start dialog box, verify that the correct input file and process template have been selected. Click **Go**.
5. From the Prinergy Evo **Window**, select **New Process Viewer** (unless it is already open). View the status of the output process in the bottom of the Process Viewer window.

   Close the Process Viewer window when processing is complete.
6. Open the **Activity Output** folder you created in the shared **JobData** file server volume. You will see Prinergy Virtual Proofing System software preview files created by Prinergy Evo during the output process.
7. Select the four preview files, then double-click to start Prinergy Virtual Proofing System software. For PC, you select all four files, right-click and then click **Open.**
8. From the **Zoom** menu in Prinergy Virtual Proofing System software, select the **Fit To Window** view.

Consult the Prinergy VPS Software User Guide for detailed information on using this software.

9. After viewing the preview files, quit Prinergy Virtual Proofing System software.

Optional: Delete a Process Template

This procedure is optional. Complete this procedure if the output PDF process template created for this activity will not be used in your workflow.

1. In the **Process Template Editor** window, select the output process template that you created.
2. From the **File** menu, select **Delete**.
3. Click **Delete** when asked if you really want to delete the process template.

Activity Summary

In Activity 6 you created a new folder where an output process template could send processed files. You then created a new output process template using the Process Template Editor. You used the new process template to output a supplied PDF file as preview file.

Personal Notes

ACTIVITY 7

Building a Refine Process Template

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Activity 7 introduces you to the process of building refine process templates in Prinergy Evo. It highlights the options available when building a refine process template using the Process Template Editor.

A process template is required for every process executed in a Prinergy Evo workflow.

Recommended Reading

- *Preparing for Task-Oriented Activities* on page 11 of this guide.
- Prinergy Evo Help: What is the Process Template Editor?
- Prinergy Evo Help: Refining Input Files

Time to Complete This Activity

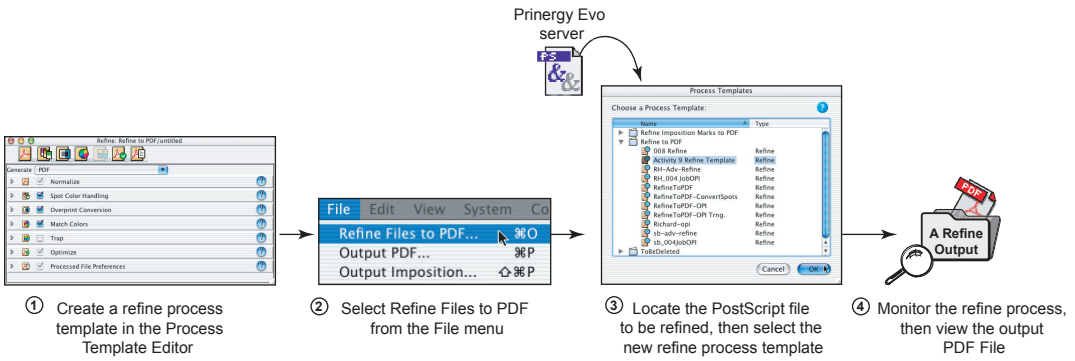
- Approximately 15 to 20 minutes

Activity 7 Building a Refine Process Template

What You'll Learn

You will learn how to build a refine process template using the Process Template Editor. The refine process template will be used to refine a supplied PostScript file. You will use the **File** menu to submit a PostScript file for output to PDF.

What You'll Do



What You'll Need

For this practice activity, you must:

- Open the shared **JobData** volume on your Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 07** folder
- Find **Maine Flyer.ps**

! **Important:** Complete *Preparing for Task-Oriented Activities* on page 11 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.

Activity: Apply What You Know

Configure a Refine Process Template

1. Start the Prinergy Evo client if it is not already running.
2. Start the Process Template Editor by selecting **Process Templates** from the **Configure** menu.
3. In the Prinergy Evo Process Template Editor, view the default Factory process templates in the Refine to PDF process template group.
4. From the Process Template Editor **File** menu, select **New Refine to PDF Template**.
5. In the Refine to PDF process template dialog box, view the ten available sections used to configure the parameters of a process template. Select an icon at the top of the dialog box or click the triangle to view the section's options.

   To learn more about the settings available in each section, click the context-sensitive help button.
6. From the **Generate** list at the top of the Process Template, choose **PDF**.
7. In the **Overprint Conversion** section, select the **Set Black to Overprint** check box.
8. In the **File Delivery** section, select **Send PDF Files to**, then click **Browse**.
   a. In the File Browser, click the **Volumes** button.
   b. Select the **JobData** volume and double-click on it.
   c. Click the **New Folder** button. In the dialog box that appears, type `Activity 7 Refined PDFs` and click **OK**.
   d. In the File Browser, select the **Activity 7 Refined PDFs** folder and click **Select**
9. In the **Processed File Preferences** section, verify that the entry in the **Device Path** box is: **[JobData]\Activity 7 Refined PDFs.**

   This path determines the location of the output file once processed.
10. From the Process Template Editor **File** menu, select **Save**.
11. In the Save Process Template dialog box, select the **Process Templates** process template group as the "home" of the new process template.
12. Type a name for the new process template, then click **Create Process Template**.
13. View the new process template in the Prinergy Evo Process Template Editor. Close the Process Template Editor after viewing.

Refine PostScript Input Files to PDF

1. From the Prinergy Evo **File** menu select **Refine Files to PDF**.
2. In the Select Input Files dialog box, browse to and select **JobData\Task Oriented Activities\Activity 07 \Maine Flyer.ps**. Click **Open**.
3. In the Select a Template dialog box, select the Refine process template that you created, then click **OK**.
4. In the Process Start dialog box, verify that the correct input file and process template have been selected. Click **Go**.
5. From the Prinergy Evo Client, click the **View by Process** button. View the status of the output process in Process Viewer window.
6. Open the **Activity 7 Refined PDFs** folder you created in the shared **JobData** file server volume. You will see the **Maine Flyer.pdf** created by the refine process.
7. Double-click the PDF file to start Acrobat.

   After viewing the PDF file, close Acrobat.

Optional: Delete a Process Template

This procedure is optional. Complete this procedure if the output PDF process template created for this activity will not be used in your workflow.

1. In the Prinergy Evo Process Template Editor window, select the output process template that you created.
2. From the **File** menu, select **Delete**.
3. Click **Delete** when asked if you really want to delete the process template.

Activity Summary

In Activity 7 you created a new folder where a refine to PDF process template could send processed files. You then created a new refine process template using the Process Template Editor. You used the new process template to refine a supplied PostScript file to PDF.

Personal Notes

ACTIVITY 8

Customize Evo Workflows With a Template Palette

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Activity 8 assists you to plan and organize your most common workflow steps using the template palette. In this activity you will consider the benefit of using a set of standard process templates that suit most of your work. Once configured, a template palette enables you to drag files from mounted volumes on Prinergy Evo Client computer to the template palette for processing.

You may wish to have one template palette that contains all of your frequently-used process templates, or you may decide to have several template palettes.

Recommended Reading

- Prinergy Evo Help: Creating and Configuring Template Palettes.
- Optional — *Activity 1: Using the Template Palette to Output a PDF File to Preview* on page 13 of this guide.
- Optional — *Activity 3: Refine a PostScript file to PDF using the Template Palette* on page 25 of this guide.

Time to Complete This Activity

Approximately 10 to 15 minutes

Activity 8 Customize Prinergy Evo Workflows With a Template Palette

What You'll Learn

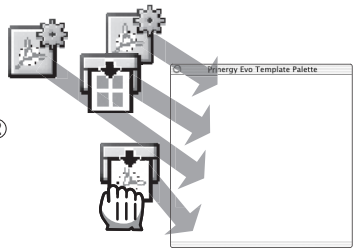
You will learn how to configure a template palette to organize and automate workflow steps for your production work.

What You'll Do

①

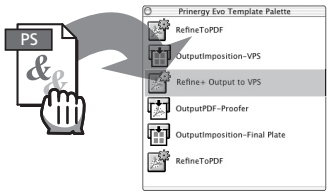
Select New Template Palette from the Window menu

②



Drag process templates to template palette

③



Drag input files to template palette for processing

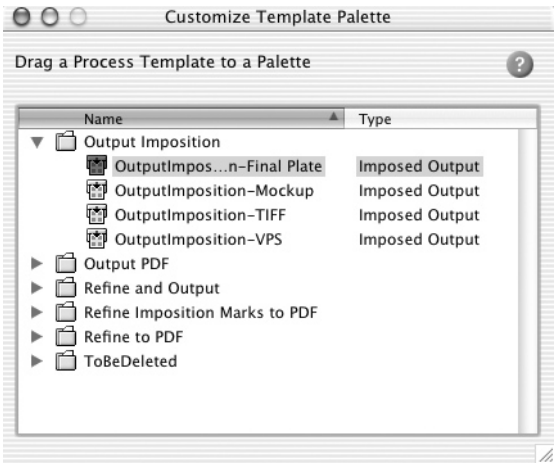
What You'll Need

For this practice activity, you must identify and create process templates to suit your workflow requirements. For more information, see Prinergy Evo Help: What Is the Process Template Editor?

Activity: Apply What You Know

Customizing the Template Palette

1. From the **Window** menu, select **New Template Palette.**
2. In the New Template Palette dialog box, in the **Name** box, type a name for the template palette. Use a name that represents how you will use the template palette in your workflow—for example, **Process Color Workflows.**
3. Select the **Configure now** check box.
4. Click **OK**.
5. In the Customize Template Palette dialog box, select and drag a process template onto the new template palette.



For example, from the **Factory Templates\Refine to PDF** folder, drag the process template **RefinetoPDF-ConvertSpots** to the template palette. This template will refine a PostScript or PDF input file and convert it to a PDF. The Refine process will convert any spot colors into process colors, using the color library information in the system.

6. Select additional process templates that you will frequently use in your workflow. Drag each of your selected process templates to the template palette.

   For example, drag the process template **OutputPDF-VPS-2up**.

   Next you can drag the process template **OutputImposition-VPS**.

7. Close the Customize Template Palette dialog box when you have added all the necessary process templates to your template palette.

   The template palette is now available to all your Prinergy Evo users. You can drag files onto the process templates in the template palette for processing.

Note that the working folders that store input files must be accessible to the Prinergy Evo server computer. Otherwise, the system will not be able to process input files.

Activity Summary

In Activity 8, you created a template palette to organize the process templates you use most frequently.

Personal Notes

ACTIVITY 9

Complete a Page-Based PDF Imposition Workflow Using Preps

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Activity 9 introduces the procedures used to create and submit a PDF imposition file from Kodak Preps® digital imposition software to Prinergy Evo.

Preps allows you to organize PDF and PostScript pages into reader order and associate the pages with templates representing each signature in your print job. Preps then creates an imposition file that contains all the information required by Prinergy Evo for output.

In this activity you will practice the recommended PDF-to-PDF workflow with Preps 5.2 or later. For other workflows, please refer to Prinergy Evo Help: Submitting Preps Files.

Recommended Reading

- *Preps 5.2 User Guide: Printing to an Adobe Job Ticket or a JDF File*
- Prinergy Evo Help: Creating and Using Imposition Plans
- Prinergy Evo Help: Creating a PDF to PDF Preps Imposition Plan
- *Prinergy Evo Installation Guide*

Time to Complete This Activity

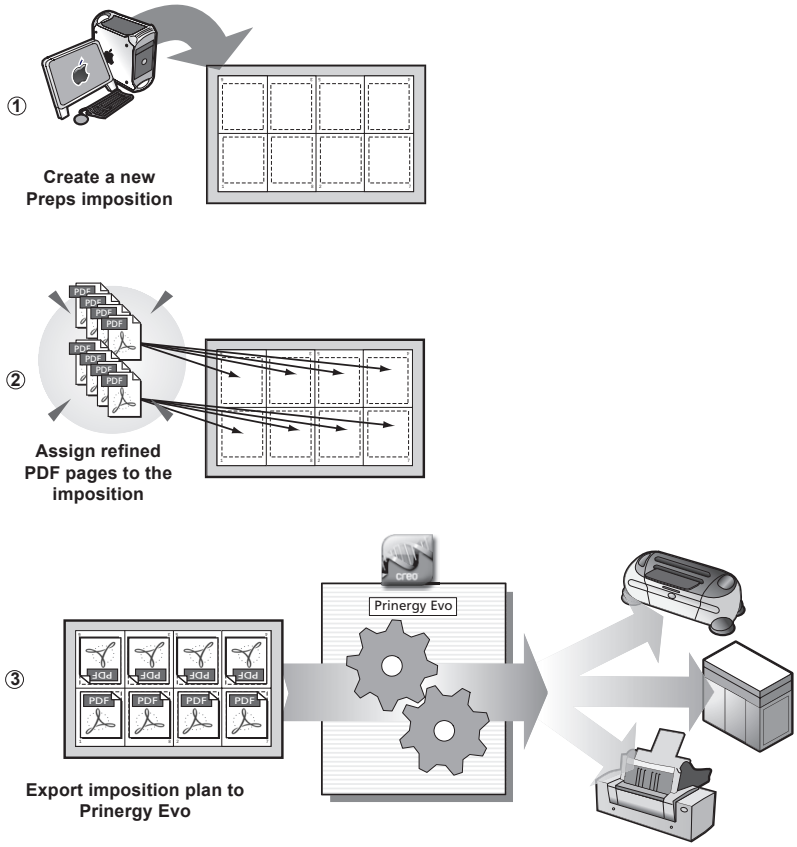
- Approximately 40 Minutes

Activity 9 Complete a Page-Based PDF Imposition Workflow Using Preps

What You'll Learn

First, you will confirm Preps software is configured to correctly create imposition files. Next, you will add PDF pages to a Preps job, and associate a Preps imposition template. You will submit an imposition file to Prinergy Evo for proof output. You will proof the imposition in Prinergy Virtual Proofing System software.

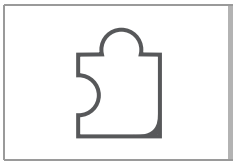
What You'll Do



What You'll Need

For this practice activity, you must:

- Have Preps 5.2 (or higher) installed.
- Ensure the Preps **Templates and Marks** folder is pointing to the **Templates and Marks** folder on the Prinergy Evo server. The location of the **Templates and Marks** folder is **\\<servername>\pgyevoconfig\Preps**.
- Ensure the Preps **Printers** folder is pointing to the Preps **Printers** folder on the Prinergy Evo server. The location of the **Printers** folder is **\\<servername>\pgyevoconfig\Preps\Printers**
- Locate sample PDF pages—for example, **\\JobData\Activity 09\input files\annualp.0001.pdf**.
- Complete Activity 8 in this guide.



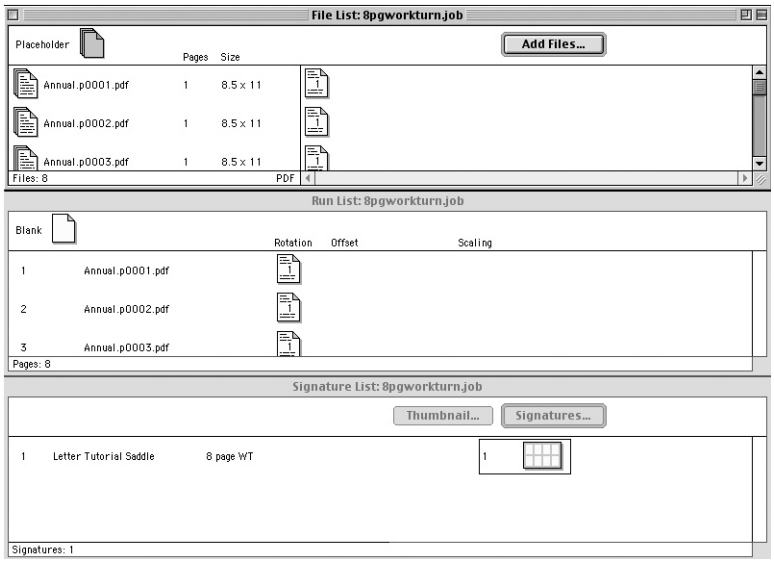
Activity: Apply What You Know

Add PDF pages to a new Preps job

Note: The procedure for preparing files in Preps will differ slightly, depending on your version of Preps software and the workflow you are using. This activity uses Preps 5.2, in a PDF to PDF workflow that outputs a JDF to Prinergy Evo.

In this procedure, you will locate PDF pages then impose them in Preps software. Follow these instructions, or refer to Prinergy Evo Help or the *Preps User Guide* for more help:

1. From your Prinergy Evo Client computer, connect to the shared **JobData** file server volume on the Prinergy Evo server.
2. Locate PDF input files in **JobData\Task Oriented Activities\Activity 09\PDFPages**.
3. Start Preps.
4. From the **File** menu, select **New Job**, then **PDF -> PDF**. This is the recommended workflow for PDF pages. For more information about the benefits of this workflow and for alternatives, refer to Prinergy Evo Help: Submitting Preps Files.
5. Click **Add Files** in the Preps job. For this example, add PDF input page: **annual.0001.pdf** through **annual.0008.pdf**.
6. Organize the pages in reader order in the Preps Run List window. Consult your Preps documentation for more information.

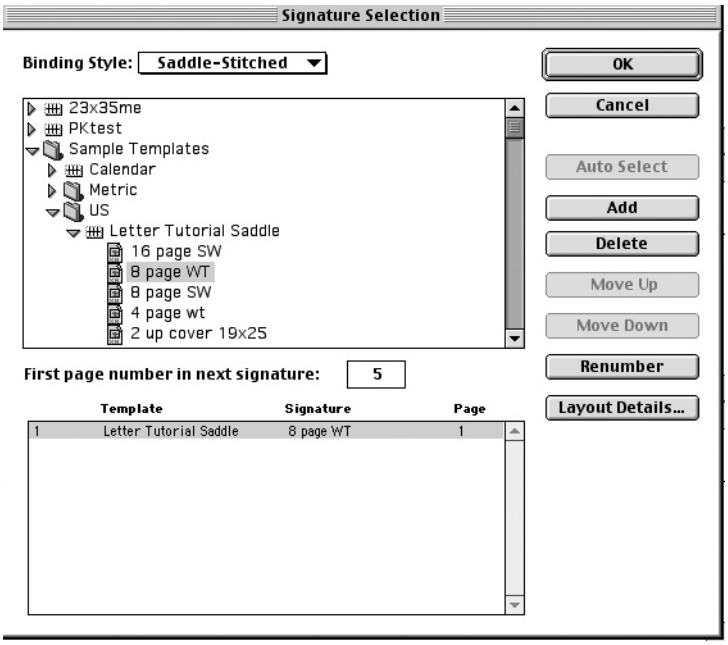


Prepare a Preps Imposition Plan for Prinergy Evo

For more detailed information, refer to the Preps User Guide and to Prinergy Evo Help: Imposition Plan Rules and Assumptions and Prinergy Evo Help: Creating And Using Imposition Plans

In the following procedure, you will associate pages with a Preps layout template, then submit the entire imposition plan to Prinergy Evo for output.

1. At the top of the Signature List window, click **Signatures**.
2. In the **Signature Selection** dialog box, assign the signature template. Select a template with the required settings for your job. For this activity, choose a Perfect Bound binding template. From the **Sample Templates** folder, browse to: **US /Letter Tutorial PerfectBound / 8 page WT**.



3. Click **Add**.
4. Click **OK.**
5. Print the imposition plan to Evo. From the **File** menu, select **Print...**. The Print dialog box opens.
6. From the **Send to** list, select **JDF**. **JDF** format is recommended for this PDF - to-PDF workflow.
7. From the **Device** list, select **Press Sheet Size.**
8. Click **Print**.
9. In the Save JDF dialog box, select a location to save your imposition plan.
10. Type a name for the imposition plan—for example, **Activity09_8pgImposition.PJTF.**

Preps will create a JDF file. Prinergy Evo will use the imposition information contained in this file. The exported file must be saved in a location that can be accessed by the Prinergy Evo server. This ensures Evo can locate all of the components required to output the imposition.

For this activity, save the JDF file in the same folder as your PDF source pages—for example, **\\JobData\Task Oriented Activities\Activity 09**.

11. Save the Preps job in: **\\JobData\Task Oriented Activities\Activity 09.**

Submit the Preps Imposition plan to Evo for Proof or High-Resolution Film or Plate Output

For more detailed information, refer to Prinergy Evo Help: Imposition Plan Rules and Assumptions and Prinergy Evo Help: Outputting an Imposed Page-Based Proof, Film, or Plate.

You will now submit the Preps imposition plan to an output from imposition process template via the Prinergy Evo template palette.

1. Return to the Prinergy Evo client.
2. Open the General Workflow template palette you created in Activity 8.
3. Drag your **Activity09_8pgImposition.JDF** file to the **OutputImposition-VPS** process template.
4. View the status of the output process in the Process Viewer window.

   Note that the Process Viewer lists each signature and flat separately. Prinergy Evo creates one preview file for each film or plate separation.
5. Locate the preview files for your imposition in the folder where you saved the JDF imposition file. Open **JobData\Task Oriented Activities\Activity 09**.
6. Select all of the **Activity09_8pgImposition.PJTF.VPS** files. Double-click one of these files to automatically start Prinergy Virtual Proofing System software.
7. View the files in Prinergy Virtual Proofing System software. Quit Prinergy Virtual Proofing System software when you have finished viewing the imposed preview files.

Activity Summary

In Activity 9 you created a PDF->PDF imposition plan in Preps.

First, you confirmed that Preps is configured to output to a Kodak system. Next you selected input pages and an imposition. Then, you exported the imposition plan from Preps to Prinergy Evo. Finally, you submitted the imposition for processing in Evo.

Personal Notes

ACTIVITY 10

Automate Your Workflow Using Hot Folders

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Activity 10 introduces you to automating your Prinergy Evo workflow using hot folders. You have already used hot folders to submit files for automatic refine or output. This activity will provide you with a chance to create a hot folder workflow which will automatically refine and output.

Recommended Reading

- Prinergy Evo Help: Configuring Prinergy Evo for Refine and Output
- Prinergy Evo Help: Creating a New Hot Folder
- Prinergy Evo Help: Creating a Refine to PDF process template
- Prinergy Evo Help: Refine to PDF process template Options

Time to Complete This Activity

- Approximately 15 to 25 Minutes

Activity 10 Automate Your Workflow Using Hot Folders

What You'll Learn

You will learn how to configure an automated workflow using Prinergy Evo hot folders. This workflow will allow you to drag a file into a hot folder from your desktop so Prinergy Evo will automatically refine the file and create a PDF, then automatically output a virtual proof.

This automation functions by connecting two hot folders (and therefore two process templates) in sequence. The processed file from the Refine process template will be submitted automatically to an output PDF process template.

What You'll Do

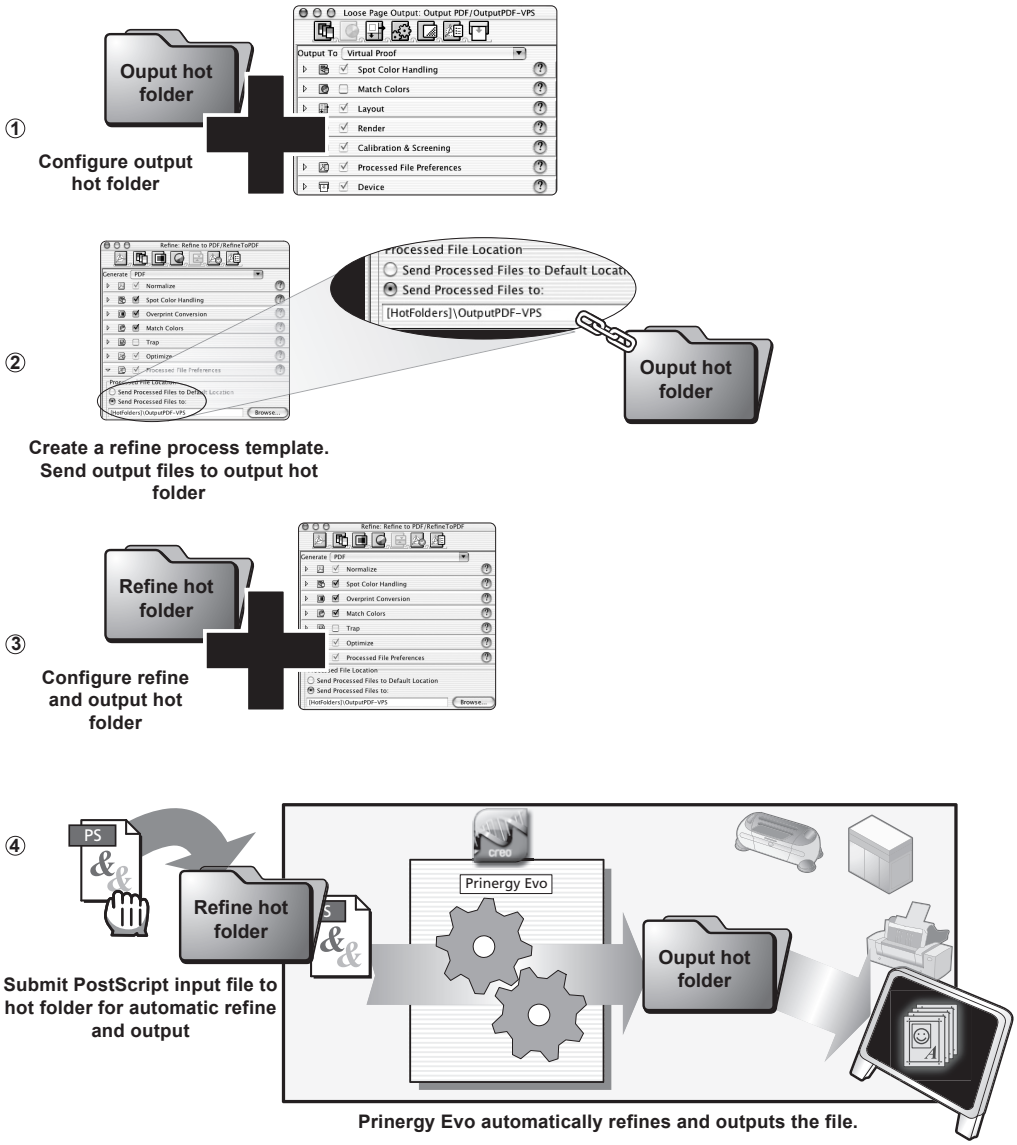
First, you will locate an existing output hot folder or create a new one, like that created in Activity 2. This output hot folder should be associated with an output process template that creates Prinergy Virtual Proofing System software preview files.

Next, you will modify the settings in a refine process template and save it as a new process template. This refine process template will send processed files to an output hot folder. This means PostScript or PDF files submitted to this refine process template will be refined, then automatically sent to the output hot folder for further processing into a proof.

Next, you will create a refine-and-proof hot folder and associate it with the new refine process template. Any file dropped into that hot folder will automatically initiate refine, then output to proof.

Finally, you will test this workflow. You will submit a supplied PostScript file to the new refine and proof hot folder. You will monitor the processes as the file is refined then proofed. You will then retrieve the completed preview file and proof the file on screen.

What You'll Do



What You'll Need

For this practice activity, you must:

- Locate or create a hot folder that is connected to a process template that will output preview files.
- Locate or create refine process template.
- Locate a sample input file (PostScript or PDF)—for example: **\\JobData\Task Oriented Activity\Activity 10 \typebrochure.ps**.

Activity: Apply What You Know

Configure an Output Hot Folder

- Locate an existing hot folder that is associated with a process template that will output preview files, or configure a new output hot folder. You configured a hot folder like this in Activity 2.

For more information, refer to Prinergy Evo Help: Creating a New Hot Folder

Modify a Refine Process Template to Send Processed Files to the Output Hot Folder

1. Using the Prinergy Evo Process Template Editor, open the **Refine to PDF - Factory** process template found in the **Process Templates** > **Factory Templates** > **Refine to PDF** group. For more information, refer to Prinergy Evo Help: Editing process templates.
2. Expand the **File Delivery** section of the process template. In the **Send Processed Files to:** field, browse to your Output Virtual Proofing System hot folder.
3. Save the process template with a new name: (e.g.) **Refine for AutoProof**.

   Files which have completed processing via this Refine process template will be sent automatically the output hot folder for proofing.

Create a Refine and Proof Hot Folder

1. Create a new hot folder. For more information, refer to Prinergy Evo Help: Configuring Hot Folders.
2. In the New Hot Folder dialog box, select the **Refine and Auto Proof** process template created above.
3. Type a name for your new hot folder. Use a name you will recognize. For example: **Refine for AutoProof**.

Submit an Input file for Automatic Refine and Proof

1. Locate an input file to test your new automatic workflow. Find **\\JobData\Task Oriented Activities\Activity 10\TypeBrochure.ps.**
2. Drag the input file into the new **Refine for AutoProof** hot folder. The system will automatically refine and then output preview files.
3. Open the **Process Viewer**. View the status of the refine and output processes.
4. When the output process is complete, return to the shared **HotFolders** volume to view the preview files in the **Refine for AutoProof\Output** folder.

Activity Summary

In Activity 10, you configured a hot folder that links a refine process template and an output process template in sequence. You tested the resulting refine and automatic proof workflow by submitting an unrefined input file. You observed Evo refining then automatically outputting preview files.

Personal Notes

ACTIVITY 11

Automate Your Workflow Using Hot Folders and Template Palette

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Activity 11 introduces you to automating your Prinergy Evo workflow using the template palette and hot folders. In this activity, you will create a template palette to initiate the automated workflow you created in Activity 10.

Automating your workflow with hot folders and the template palette can increase your efficiency in running jobs through Prinergy Evo.

Recommended Reading

- Prinergy Evo Help: Creating and Configuring Template Palettes

Time to Complete This Activity

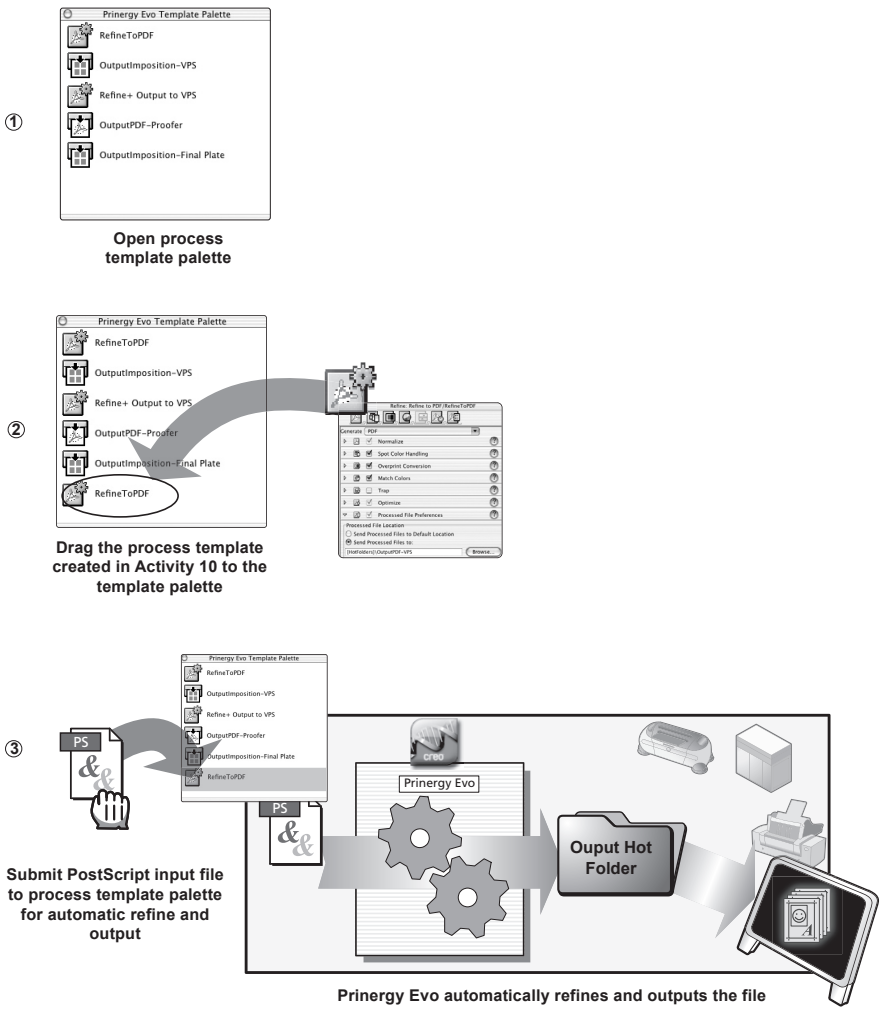
Approximately 20 minutes

Activity 11 Automate Your Workflow Using Hot Folders and Template Palette

What You'll Learn

You will learn how to configure a template palette linked to the automatic refine and proof workflow you created in Activity 10. You will then automatically refine and proof an input file by submitting via the template palette.

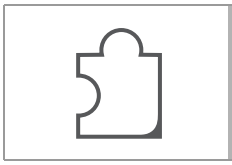
What You'll Do



What You'll Need

For this practice activity, you must:

- Complete Activity 10
- Locate a sample input file (PostScript or PDF)—for example: **JobData\Task Oriented Activities\Activity 11\typebrochure.ps**.



Activity: Apply What You Know

Create and Configure a Template Palette

1. Create a new template palette.

   Tip: Use a name you will remember and which will describe the purpose of the template palette.

2. Drag the **Refine for AutoProof** process template you created in Activity 10 to the template palette. This is a process template which will automatically refine an input file, then automatically output a proof.

For more information, refer to Prinergy Evo Help: Creating and Configuring Template Palettes.

Submit a File Via Template Palette for Automatic Refine and Proof

1. Locate a PostScript or PDF input file to test your new automatic workflow — for example: **\\JobData\Task Oriented Activities\Activity 11\typebrochure.ps**
2. Drag the input file to the new template palette. The system will automatically refine and then output a virtual proof of the file using the workflow you configured in Activity 10.
3. Open **Process Viewer**. View the status of the refine and output processes.
4. When the output process is complete, return to the shared **HotFolders** volume to view the preview files in the **Refine for AutoProof\Output** folder.

Activity Summary

In Activity 11, you added your new process template created in Activity 10 to a template palette. This process template will automatically refine and output an input file. You can now submit files to this automatic workflow via a hot folder or a template palette.

Personal Notes

ACTIVITY 12

Refine an Imposed PostScript Flat to PDF Using OPI

Who Should Complete This Activity

- Applications specialists
- Customer service engineers
- Prinergy Evo users—prepress operators

Recommended Reading

- Prinergy Evo Client Help: *How Does Prinergy Evo Handle Font and OPI Replacement?*

Time to Complete This Activity

Approximately 20 minutes

Activity 12 Refine an Imposed PostScript Flat to PDF Using OPI

What You'll Learn

- How different Prinergy Evo factory default refine process templates handle OPI image references
- How to configure OPI image search options in a refine process template
- How to distinguish flat-based imposition files from page-based imposition files

What You'll Need

For this practice activity, you must:

- Locate a PostScript imposed flat input file that uses OPI reference to high-resolution images located elsewhere—for example, **JobData\[YourName]\Task-Oriented Activities\Activity12\ImposedFlat_OPI.PS.**
- Locate high-resolution image files referenced in the PostScript input file—for example, **JobData\[YourName]\Task-Oriented Activities\Activity12\Images.**

Activity: Apply What You Know

1. Locate the imposed PostScript file **ImposedFlat_OPI.PS** file.

   This file requires Prinergy Evo to interpret OPI comments and place the high-resolution image files in the refined PDF. Prinergy Evo users should know which of their supplied input files will require image replacement.

2. Submit **ImposedFlat_OPI.PS** to the Prinergy Evo default **RefineToPDF-OPI** process template.

If you need more information about OPI image replacement or other graphic arts digital workflows or concepts, you may find PocketPal: A Graphic Arts Production Handbook (18th edition or newer) helpful. This book is produced by International Paper.

3. Observe that the refine process fails. Use **Item History** in the Process Viewer to check why the process failed.
4. Start Process Template Editor and open the default **RefineToPDF-OPI-Factory** process template.
5. Check which options are currently shown in the **Normalize** area, in the **Images** box. These options determine how Prinergy Evo handles images and image replacement.
6. Click **Add** next to the **Search Path Order** box.

   This will allow you to select a location where Prinergy Evo will search for images referenced by OPI comments contained in input files.

   a. Under **File** menu select **Save as**

   b. Select **Process Templates** from the drop-down list at the top of the Save Process Template window.

   c. Select a folder to store the new process template

   d. Name the process template i.e., `Refine to PDF-OPI-Activity12`

7. In the File Browser dialog box, browse to **JobData\[YourName]\Task-Oriented Activities\Activity12\Images**. With this folder selected, click **Select "Images"**.

   Prinergy Evo 1.1 (and later versions) also supports relative image search paths.

8. Save the process template with a new name—for example, **YourNameActivity12**, and then close Process Template Editor.
9. Submit **ImposedFlat_OPI.PS** to your new **YourNameActivity12** process template.

   Use **Item History** in the Process Viewer to observe what messages Prinergy Evo provides as it processes the file.

a. Select **View by Process**

b. Select **ImposedFlat_OPI.ps** process

c. Click **Item History** button (bottom right of View by Process window)

10. When the process is complete go to **Activity 12** folder, inspect the new PDF file in Acrobat.

    Note that the file shows an imposed flat, rather than a single page. This is called a *flat-based imposition* to distinguish this type of imposition file and workflow from a *page-based imposition* file, which uses a PJTF or JDF to link an imposition to pages and marks.

    You should now see all images that were used in the file.

Activity Summary

You should now be able to:

- Interpret Process Viewer messages about image replacement
- Modify refine process template options to specify an image search path, so Prinergy Evo Normalizer can resolve OPI image references
- Write here or discuss the benefits of an OPI workflow, especially for a flat-based imposition workflow.

_____

_____

Personal Notes

ACTIVITY 13

View and Edit Traps in PDF Pages

Who Should Complete This Activity

- Applications specialists
- Prinergy Evo users—prepress operators

Recommended Reading

- *PDF Trapper Quick Start Guide*
- Separation Viewer Help
- Prinergy Evo Client Help: *Trap Options*
- View Accelerator plug-in Help

Time to Complete This Activity

Approximately 60 minutes

Activity 13 View and Edit Traps in PDF Pages

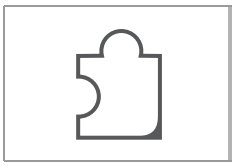
What You'll Learn

- How to select and view traps using the PDF Trap Editor and Separation Viewer plug-in
- How to use View Accelerator plug-in
- How to trap vector objects using the PDF Trap Editor plug-in
- How to trap and edit traps using the PDF Trap Editor options to resolve common trapping needs: opaque inks, bitmaps images, rich blacks, and double-hits of the same spot color.

What You'll Need

For this practice activity, you must:

- Install the PDF Trap Editor plug-in on your Prinergy Evo Client computer
- Install Separation Viewer plug-in on your Prinergy Evo Client computer
- Install Prinergy View Accelerator plug-in on your Prinergy Evo Client computer
- Have access to a Prinergy Evo server that is licensed for trapping
- Have access to one of the following online resources:
  - https://ecentral.graphics.kodak.com
  - http://techplanet.creo.com/



Activity: Apply What You Know

1. Create a refine process template that has trapping enabled. Don't change the default trapping settings. For more information about these settings, refer to the context-sensitive online help, or Prinergy Evo Client Help: *Trap Options.*

   Save the refine process template with a unique name—for example, **YourNameRefineandTrap**.

2. Submit PDF input files to the new refine and trap process template. The required files are provided in the **Task-Oriented Activities\Activity 13** folder:

   - **NoCurves.pdf**
   - **EditProperties.pdf**
   - **ComplexBitmap.pdf**
   - **OpaqueInks.pdf**
   - **RichBlack.pdf**
   - **DoubleHit.pdf**

3. Open the resulting trapped PDF pages in Acrobat and view the traps using the PDF Trap Editor plug-in.

   - Compare these trapping results to those achieved by manual trapping with the PDF Trap Editor plug-in.
   - Experiment with how the View Accelerator and Separation Viewer plug-ins affect how you can view files in Acrobat.

Activity Summary

You should now be able to:

- Locate the available documentation resources for trapping and separation viewer plug-ins.
- Demonstrate how to view traps using the PDF Trap Editor and Separation Viewer plug-ins.
- Demonstrate how to edit traps using the PDF Trap Editor plug-in.
- Demonstrate how to create a refine process template that will trap input files using default settings.
- Compare and contrast using Separation Viewer and Acrobat to inspect PDF pages with using Prinergy Virtual Proofing System software.
- Write here or discuss:
  - What are the required workflow steps in using each software for proofing on screen?

    _____

    _____

    _____
  - What are the benefits of using each software for proofing on screen?

    _____

    _____

    _____

Activity Summary Answers

- What are the required workflow steps in using each software for proofing on screen?
  - Separation Viewer and Acrobat can be used with any PDF file.
  - Prinergy Virtual Proofing System software will only open **.prv** preview files, which have been output by Prinergy systems.
- What are the benefits of using each software for proofing on screen?

  Benefits of Separation Viewer plug-in:
  - You can see which spot colors are used in the file, and where they used.
  - You can quickly check your PDF file without the additional step of outputting preview files.

  Benefits of Prinergy Virtual Proofing System software:
  - You can see which spot colors are used in the file, and where they used.
  - You can see the result of rendering and screening by Prinergy Evo, which is the same processor that will render and output to high-resolution devices.
  - You can check that imposition geometry is properly applied.
  - You can check that check color separations are correct.
  - You can view a low-resolution version of your high-resolution imposition, so file sizes are manageable.

Personal Notes

ACTIVITY 14

Install a Prinergy Evo System

Who Should Complete This Activity

- Applications specialists
- Customer service engineers
- Optional: Prinergy Evo users—system administrators

Recommended Reading

- *Prinergy Evo Installation Guide*

Time to Complete This Activity

Approximately two hours

Activity 14 Install a Prinergy Evo System

What You'll Learn

- How to install the Prinergy Evo server and client software
- How to complete the Prinergy Evo on-site installation procedure

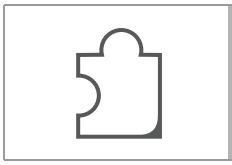
What You'll Need

For this practice activity, you must:

- Locate the completed *Prinergy Evo PreSite Worksheet* for the site.

  A sample is provided in the **Task-Oriented Activities\Activity 14** folder on your Prinergy Evo Training DVD. Complete the worksheet for the training environment before proceeding with this activity.

- Download the most recent version of the following documents. PDF versions of these documents are provided in the **\\<machine name>\PgyEvoInstll\doc\<language>** folder on your Prinergy Evo Training DVD
  - *Prinergy Evo Installation Guide*
  - *Prinergy Evo Installation Checklist*



Activity: Apply What You Know

1. Print the *Primergy Evo Installation Checklist*, if required.
2. Plan the installation. Gather required equipment, software, documentation.
3. Ensure that the *Primergy Evo PreSite Worksheet* is appropriately completed for your site.
   - Check that IP addresses of all computers are correctly assigned.
   - Check that parameters for output devices, proofing devices, and storage devices are correctly recorded.
4. Follow the *Primergy Evo Installation Checklist* to complete the system installation and configuration.
5. Follow the *Primergy Evo Installation Test Procedure* to complete the installation.
6. Back up the system configuration following the procedure in the *Primergy Evo Installation Guide.* You will use the compressed backup file in another activity.

Activity Summary

You should now be able to install, configure, and test a Primergy Evo system.

List here any aspect of installation or configuration that you need to practice more fully:

-
-
-
-
-
-

Personal Notes

ACTIVITY 15

Create and Test a Prinergy Evo Virtual Printer

Who Should Complete This Activity

- Prinergy Evo users—system administrators
- Applications specialists
- Optional: customer service engineers

Recommended Reading

- Prinergy Evo Client Help: *Creating Virtual Printers*

Time to Complete This Activity

Approximately 30 minutes

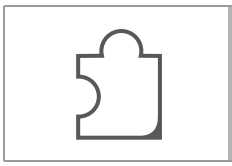
Activity 15 Create and Test a Prinergy Evo Virtual Printer

What You'll Learn

How to configure a Prinergy Evo refine to PDF virtual printer. You will print to the virtual printer from your desktop publishing application (for example, QuarkXPress, InDesign)

What You'll Need

For this practice activity, you must locate source files you can print from a desktop application on a client computer—for example, **Task-Oriented Activities\Activity 15\HearthstoneB.xp4** on your Prinergy Evo Training DVD.



Activity: Apply What You Know

What Is a Virtual Printer?

A Prinergy Evo virtual printer is a network print queue with a refine to PDF process template attached. Virtual printers can be accessed using either a AppleTalk or LPR (IP printing) print driver. Use a Prinergy Evo virtual printer to automate your input workflow. A Prinergy Evo virtual print driver enables you to print your input file directly from your desktop application to Prinergy Evo to create a refined PDF file. You can print to a virtual printer from Mac OS X and Windows client computers.

Publish a Prinergy Evo Virtual Printer

1. Read Prinergy Evo Client Help: *What Is a Virtual Printer?*
2. Determine which type of virtual printer you will use in your Prinergy Evo workflow: AppleTalk or LPR. Read the appropriate procedure for your environment:
   - Prinergy Evo Client Help: *How to Publish an AppleTalk Virtual Printer*
   - Prinergy Evo Client Help: *How to Publish an LPR Virtual Printer*
3. Start Prinergy Evo. From the **Configure** menu, select **Virtual Printers**.
4. Click **New**.
5. In the New Virtual Printer dialog box, select a refine to PDF process template.
6. In the **Name** field, type a name for the new refine to PDF virtual printer. Use a name which will help users identify the printer from their desktop applications. For this exercise, you could name this printer **Prinergy_Evo_Refine_to_PDF**.
7. Select the type of printer you want to use:
   - **AppleTalk**
   - **IP Printing (LPR)**
8. Click **Set** to browse for a folder to save the refined PDF.
9. Select a folder. The folder location displays in the **Default Output Location** area. Click **OK** when you have selected the folder where Prinergy Evo should send refined PDF files.

Note: Prinergy Evo Server software must have read, write, and modify privileges on the folder from which you submit input files to Prinergy Evo. You can store your input files on the shared **JobData** file server volume on the Prinergy Evo server computer, and access them from a client computer.

10. In the New Virtual Printer dialog box, click **Create**. Prinergy Evo creates a new print driver that is available to your client computers.

11. Close the Virtual Printer dialog box.

    When you print to this virtual printer, Prinergy Evo will automatically refine the file using the process template you selected.

Add the Virtual Printer to Each Client Computer

Next, you need to configure each of your computers to use the new virtual printer you created.

1. For each computer that will submit files to Prinergy Evo via the virtual printer, determine:
   - What operating system is the computer using (Windows or Mac OS)?
   - What network protocol is the computer using to communicate with the Prinergy Evo virtual printer (AppleTalk or TCP/IP)?
2. Add the Prinergy Evo virtual printer to the operating system of each computer that will submit files to Prinergy Evo via the virtual printer. Choose from the following Prinergy Evo Client Help topics and follow the instructions that apply to your network and operating system configuration:
   - *How to Add an AppleTalk Virtual Printer to a Mac OS*
   - *Add an AppleTalk Virtual Printer to a Windows Server*
   - *Add a LPR IP Virtual Printer to Mac OS X*
   - *Add a LPR IP Virtual Printer to a Windows Computer*

Submit Input to Prinergy Evo by Printing to a Virtual Printer

After you have added the virtual printer to the (client) computer operating system, the printer is available to your desktop applications. You can now submit input files to Prinergy Evo by printing directly to the new virtual printer from applications like QuarkXPress and InDesign.

1. Open a document in a desktop page layout or text-editing application. For example, you may use QuarkXPress, InDesign, Microsoft Wordpad, or Notepad.
2. From the **File** menu in your desktop application, select **Print.**
3. In the Print dialog box, select the Prinergy Evo virtual printer you created in the previous procedure. In some applications, another **Printer** or **Printer Properties** dialog box will open.

   Select the Prinergy Evo Server IP address or server name. This represents the virtual printer you created.You do not need to adjust any other settings.
4. Click **Print**. Your file will print to Prinergy Evo. Prinergy Evo will automatically refine the file via the process template you associated with the virtual printer.
5. In Prinergy Evo, open the Process Viewer. You can view the status of your file as it is refined.

Activity Summary

You should now be able to:

- Create a virtual printer in Prinergy Evo that will automatically refine files submitted from a supported desktop application.
- Create a virtual printer on each of your computers in order to access the Prinergy Evo virtual printer.
- Submit a file to Prinergy Evo for refining to PDF directly from a desktop application to the new virtual printer.

Personal Notes

ACTIVITY 16

Correctly Shut Down Prinergy Evo Server

Who Should Complete This Activity

- Applications specialists
- Customer service engineers
- Prinergy Evo users—system administrators

Recommended Reading

- Prinergy Evo Administrator Help: *What Is the Prinergy Evo Administrator?*
- *Prinergy Evo System Administration Guide*: Chapter 2, *Starting and Stopping Prinergy Evo server.*
- Prinergy Evo Administrator Help: *Reference Overview*

Time to Complete This Activity

Approximately 30 to 40 minutes

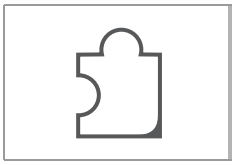
Activity 16 Correctly Shut Down Prinergy Evo Server

What You'll Learn

- How to navigate Prinergy Evo administrator troubleshooting tools
- How Prinergy Evo runs as a service under Windows Server 2003 operating system
- Recommended shutdown and restart procedure for Windows Server 2003 operating system

What You'll Need

For this practice activity, you must have a Prinergy Evo server computer running and available to shut down and restart.



Activity: Apply What You Know

1. Read *Prinergy Evo System Administration Guide:* Chapter 2, *Starting and Stopping Prinergy Evo Server.*
2. Write here or discuss how to decide whether to:
   - Stop and restart Prinergy Evo JTPs
   - Stop and restart Prinergy Evo server service.
   - Shut down and restart the server computer.

   _____

   _____
3. Read *Prinergy Evo System Administration Guide:* Chapter 2, *Table 5*: *Detailed description of daemons* and *Table 6*: *Prinergy Evo system JTPs.*
4. Stop and restart Prinergy Evo server software using the recommended procedure from the *Prinergy Evo System Administration Guide.*

   Write here or discuss another way you could stop and restart Prinergy Evo Server software?

   _____

   _____
5. Observe and discuss the messages available in the system that appear when the Prinergy Evo server software is shutting down and restarting. Use the following tools:
   - Prinergy Evo Administrator

- Windows 2003 Event viewer
- Windows 2003 Performance monitor

6. Write here or discuss the best procedure for shutting down (turning off) a Prinergy Evo server computer.

_____

_____

_____

_____

Activity Summary

You should now be able to:

- Describe the circumstances in which it is necessary to shut down a Prinergy Evo server computer
- Demonstrate the recommended procedure for stopping and starting Prinergy Evo
- Describe the system activities that occur when stopping and starting Prinergy Evo server

Personal Notes

ACTIVITY 17

Save and Restore a Prinergy Evo Server

Who Should Complete This Activity

- Applications specialists
- Customer service engineers
- Prinergy Evo users—system administrators

Recommended Reading

- Prinergy Evo Administrator Help: *How Do I Recover My Prinergy Evo System?*
- *Prinergy Evo System Administration Guide:* Chapter 4, *Saving/Restoring Prinergy Evo Configuration Settings.*

Time to Complete This Activity

Approximately 60 minutes

Activity 17 Save and Restore a Prinergy Evo Server

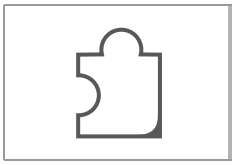
What You'll Learn

How and why to perform each level of Prinergy Evo system reset.

What You'll Need

For this practice activity, you must:

- Have a Prinergy Evo server computer running and available to shut down and restart
- Have a saved, compressed backup configuration file from a Prinergy Evo system.



Activity: Apply What You Know

1. Read Prinergy Evo Administrator Help: *How Do I Recover My Prinergy Evo System?*
2. Save the configuration of your Prinergy Evo system.
3. Write here or discuss some of the reasons why you might decide it is necessary to reset the Prinergy Evo server:

   _____

   _____

   _____

   _____

4. Read Prinergy Evo Administrator Help: *How severe should this reset of Prinergy Evo be?* Write here or discuss how you would decide what severity of reset to choose:

   _____

   _____

   _____

   _____

5. Perform a reset on your Prinergy Evo server.

   If you have time, try each level of reset.

6. Observe the changes in your system after the reset.

   _____

   _____

   _____

7. Restore the backed up configuration settings.
8. Observe the changes in your system after restoring the backed up configuration.

   _____

   _____

   _____

9. Test the restored configuration. Use files which you have already successfully processed. For example, you can use the installation test procedure files supplied on your Prinergy Evo Training DVD, in the **ITP Files** folder.
10. Optional: Discuss results with other participants in your training class.

Activity Summary

You should now be able to:

- Save the configuration of your Prinergy Evo system
- Reset a Prinergy Evo system
- Describe circumstances where each level of reset severity is appropriate
- Restore backed up Prinergy Evo system configuration settings

Personal Notes

ACTIVITY 18

Create a Prinergy Evo Error Report

Who Should Complete This Activity

- Applications specialists
- Customer service engineers
- Prinergy Evo users—system administrators

Recommended Reading

- Prinergy Evo Administrator Help: Creating Compressed Troubleshooting System Log Files
- Prinergy Evo Client Help: Reporting Errors

Time to Complete This Activity

Approximately 15 to 20 minutes

Activity 18 Create a Prinergy Evo Error Report

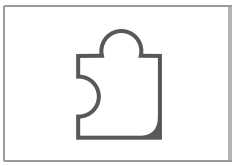
What You'll Need

For this practice activity, you must:

- Have a Prinergy Evo server running.
- Locate the file for Activity 18.

What You'll Learn

- How to create error reports for a specific process



Activity: Apply What You Know

If Your Using the Prinergy Evo Administrator Software

1. Refine **Activity 18.pdf** using a factory refine process template, such as **Refine to PDF - Factory**.
2. Observe the messages in the Process Viewer of the Prinergy Evo Client software.
3. In the Prinergy Evo Administrator Help, follow the procedure to create a compressed file of the system log files.
4. Write here or discuss the recommended procedure you should follow if you ever need to send files to Kodak for further support. Depending on your job role and geographic location, the path you follow to get help will be different.

   _____

   _____

   _____

If Your Using the Prinergy Evo Client Software

1. Refine **Activity 18.pdf** using a factory refine process template, such as **Refine to PDF - Factory**.
2. Observe the messages in the Process Viewer of the Prinergy Evo Client software.
3. In the Process Viewer, click the **View by Process** view, highlight the failed process, and then select **System > Report Processing Error**.
4. In the **Problem Description** box, type a description of the problem, such as `The file Activity 18 failed to refine`.
5. Click **Set** and browse to a share that Prinergy Evo can access (for example, the **JobData** share).
6. Click **Save**, and then click **OK**.
7. Write here or discuss the recommended procedure you should follow if you ever need to send files to Kodak for further support. Depending on your job role and geographic location, the path you follow to get help will be different.

   _____

   _____

   _____

Activity Summary

You should now be able to:

- Describe the escalation path you will follow for getting help with Prinergy Evo problems
- Use Prinergy Administrator and online resources to find troubleshooting information on how to generate a Prinergy Evo error report and how to upload it to Kodak.
- Create Prinergy Evo system logs

Personal Notes

ACTIVITY 19

Update Prinergy Evo Software and Roll Back a Software Update

Who Should Complete This Activity

- Applications specialists
- Customer service engineers
- Prinergy Evo users—system administrators

Recommended Reading

- Prinergy Evo Administrator Help: *Checking for and Installing Updates Via Prinergy Evo Administrator*
- Prinergy Evo Administrator Help: *Changing the Active Version*

Time to Complete This Activity

Approximately 40 to 60 minutes

Activity 19 Update Prinergy Evo Software and Roll Back a Software Update

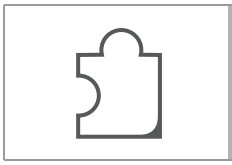
What You'll Learn

- How Prinergy Evo software updates are provided according to support contract entitlements
- How to automatically and manually check for available software updates
- How to update a Prinergy Evo system
- How to roll back a Prinergy Evo software update

What You'll Need

For this practice activity, you must:

- Have a Prinergy Evo system running
- Have access to https://ecentral.graphics.kodak.com
- Have a software version update available to install



Activity: Apply What You Know

1. Read Prinergy Evo Administrator Help: *Checking for and Installing Updates Via Prinergy Evo Administrator*.
2. Perform a manual check for updates of the Prinergy Evo server software.
3. If updates are available, install the Prinergy Evo server software update using the automated procedure.

   If no official updates are available via the Prinergy Evo Administrator update mechanism or via the Remote Update Manager, then go to the eCentral portal and download an earlier version of Prinergy Evo. Follow the installations procedures in the *Prinergy Evo Installation Guide*.
4. Observe how the Prinergy Evo server system is configured now:
   - Note that each Prinergy Evo software version is installed in a unique directory.
   - Note the choices you now have on the **Start** menu on your Prinergy Evo server computer.
5. Write here or discuss how these configurations compare to other workflow systems you have installed:

   _____

   _____

   _____
6. Write here or discuss how the software update process compares to other workflow systems you have installed:

   _____

   _____

   _____
7. Read the software update "roll back" procedure described in Prinergy Evo Administrator Help: *Changing the Active Version.*
8. Change the active software version back to the previously installed version.

   Write here or discuss reasons why this procedure might be required:

   _____

   _____

   _____

Activity Summary

You should now be able to:

- Describe how Prinergy Evo customers will obtain software updates
- Update Prinergy Evo server software
- Change the active version of Prinergy Evo to a previous version
- Describe how Prinergy Evo uses Windows Registry settings and configuration files
- Compare and contrast Prinergy Evo update procedures, system recovery procedures, and system configurations to those of other workflow systems

Personal Notes

ACTIVITY 20

Apply Preps Variable Text Marks

Who Should Complete This Activity

- Applications specialists
- Prinergy Evo users—prepress operators

Recommended Reading

- Prinergy Evo Client Help: *Variable Marks and Preps Job Tickets*
- Prinergy Evo Client Help: *Tell Me More About Variable Marks*
- *Preps User Guide*

Time to Complete This Activity

Approximately 20 to 40 minutes

Activity 20 Apply Preps Variable Text Marks

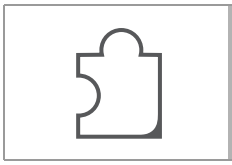
What You'll Learn

- How variable text marks work in Preps and Prinergy Evo
- How to find more information about working with Preps and Prinergy Evo.

What You'll Need

For this practice activity, you must:

- Locate input files to impose in Preps. Use files in the **Task-Oriented Activities\Activity 20** folder
- Have Preps 5.2 (or later) installed
- Make sure the required Preps templates has been copied to the **Preps\Templates** folder on your client computer. For this activity, check that the following template is installed**:**
  Task-Oriented Activities\ITP Files\Impositions\Preps Templates\ITP-Templates
- Make sure your Prinergy Evo system has an output from imposition process template configured to create Prinergy Virtual Proofing System software preview files



Activity: Apply What You Know

1. Read Prinergy Evo Client Help: *Variable Marks and Imposition Job Tickets*. This will introduce variable marks and how Preps and Prinergy Evo use them.
2. Create a new Preps PDF to PDF job.
3. Refine input files. Use files in the **Task-Oriented Activities\Activity 20** folder.
4. Add refined PDF pages to the new Preps job.
5. Assign a template and select signatures. Use the Prinergy Evo ITP template: **ITP-Templates** and the **8page** signature.
6. Open the template and view the marks used on the signature you have selected. You will see variable marks that include these variables:

   $[date] $[time] $[color] $[process template name]
7. Read Prinergy Evo Client Help: *Tell Me More About Variable Marks*.
8. Print the Preps job as a PJTF imposition file using Device: Press Sheet Size.

   Note that Preps will only generate a PJTF file. If this were a Mixed to PostScript Preps job, Preps would generate an additional **marks.pdf** file.

   For more information about submitting Preps imposition files to Prinergy Evo, review Prinergy Evo Client Help: *Submitting Preps Files*.
9. Save the Preps job. You will use this job in a later learning activity. Save the Preps job in your **JobData\Your_Name\Activity 20** folder.
10. Submit the PJTF imposition file to Prinergy Evo for output processing to proof as Prinergy Virtual Proofing System software preview files.
11. Track the progress of your process in the Process Viewer in Prinergy Evo.
12. Open the Prinergy Virtual Proofing System software preview files generated by Prinergy Evo.

    Look for the text marks used on each separation. Observe that Prinergy Evo has replaced the text variables with specific information about the files.

Activity Summary

You should now be able to:

- Demonstrate how to use Preps variable text marks in a PDF workflow
- Locate more information about working with Preps and Prinergy Evo

Personal Notes

ACTIVITY 21

Troubleshoot a Common Imposition Workflow Error

Who Should Complete This Activity

- Applications specialists
- Prinergy Evo users—prepress operators

Recommended Reading

One of the following online resources:

- http://techplanet.creo.com/ **-> Prinergy Evo -> Troubleshooting** page.
- https://ecentral.graphics.kodak.com **-> Prinergy Evo -> Self Support** pages.

Time to Complete This Activity

Approximately 20 to 40 minutes

Activity 21 Troubleshoot a Common Imposition Workflow Error

What You'll Learn

The recommended procedure for re-submitting an imposition for output when the imposition has been submitted to Prinergy Evo and the PDF digital master page files have been moved.

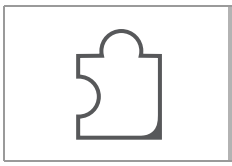
After having already submitted an imposition for output in Prinergy Evo, you may sometimes find it necessary to move your PDF digital master page files to a new location, or to rename folders that organize the files on the Prinergy Evo server.

In this activity, you will explore what happens when you attempt to submit an imposition file to output process after changing the folder structure in which the files were originally organized.

What You'll Need

For this practice activity, you must:

- Locate a Preps job that has already been output to Prinergy Virtual Proofing System software preview files. You may use the Preps job created in Activity 20. Locate the PJTF imposition file and the digital master (refined) PDF files in the **JobData\Your_Name\Activity 20** folder.
- Make sure your Prinergy Evo system has an output from imposition to virtual proof process template. Create one now, if necessary.
- Make sure your Prinergy Evo system has a hot folder connected to an output from imposition to virtual proof process template. Create one now, if necessary.



Activity: Apply What You Know

1. Locate a PJTF you have already submitted to Prinergy Evo—for example, **JobData\Your_Name\Activity 20\[YourInitials].PJTF.**
2. Create a new folder called **JobData\Your_Name\Activity 21**.
3. Move your refined PDF files (digital masters) from **JobData\Your_Name\Activity 20** to your new **\Activity 21** folder. Do not move any other file.
4. Submit the PJTF for output via the Template Browser.

   Write here or discuss with other students what happens:

   _____

   _____

   Write here or discuss with other students what you think you need to do to resolve the problem:

   _____

   _____
5. Submit the PJTF for output via hot folder for imposed output to Prinergy Virtual Proofing System software preview files.

   Write here or discuss with other students what happens:

   _____

   _____
6. Review online troubleshooting resources for possible solutions to this problem.

   Write here or discuss with other students what you think you need to do to resolve the problem:

   _____

   _____
7. Correct the problem and submit the PJTF again:
   a. Move the PJTF to the same location as the PDF digital master files: **JobData\Your_Name\Activity 21**.
   b. Drag the PJTF imposition file to an output process template icon in the Template Browser. The output Process Start dialog box should appear and the file should process normally.

8. Submit the same PJTF imposition file to the process template via a hot folder again.

   Write here or discuss with other students what happens:

   _____

   _____

9. Review online troubleshooting pages for possible solutions to this problem.

   Write here or discuss with other students what you think you need to do in order to be able to submit the file via a hot folder:

   _____

   _____

Optional Additional Practice:

Experiment with what happens if you repeat the activity using a JDF imposition file rather than a PJTF.

Activity Summary

You should now be able to:

- Explain best practices in managing input files to allow for re-submitting an imposition file to Prinergy Evo
- Compare and contrast imposition file submission channels

Personal Notes

ACTIVITY 22

Auto-Resolve Spot Color Naming Conflicts

Who Should Complete This Activity

- Applications specialists
- Prinergy Evo users—prepress operators

Recommended Reading

- Prinergy Evo Client Help: *Spot Color Handling Options*
- Prinergy Evo Client Help: *Auto-Resolve Spot Color Naming Conflicts*

Time to Complete This Activity

Approximately 10 to 20 minutes

Activity 22 Auto-Resolve Spot Color Naming Conflicts

What You'll Learn

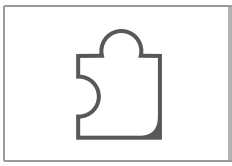
- Spot color handling options in Prinergy Evo process templates.
- How to use the Auto-Resolve Spot Color Naming Conflicts feature in the refine process template:

The different software programs used in the prepress/print industries use different naming conventions (using CV, CVC, and CVU endings with the file names) for identical PANTONE spot colors. Consequently, a user whose page files were created in different programs could find at least two different names for the same PANTONE color used in a single print job.

Prinergy Evo has a feature that automatically renames identical PANTONE spot color names with different endings (CV, CVC, and CVU) so that the colors remain on the same separation. For example, PANTONE 871 CV, PANTONE 871 CVC, and PANTONE 871 CVU would all be renamed to PANTONE 871 C.

What You'll Need

For this practice activity, you must locate input files in **Task-Oriented Activities\Activity 22**.



Activity: Apply What You Know

1. Locate the supplied input file in **\\Task-Oriented Activities\Activity 22**.
2. To determine which spot colors are used in these files, refine the file using the **Activity 22 Refine** process template.
3. Write here the PANTONE color names used in the files that are identical, except for the CV or CVC suffix:

   _____ _____

4. Open the **Refine to PDF - Factory** process template.
5. In the Refine process template dialog box, put a check mark in the **Spot Color Handling** box. Check which spot color handling options are currently selected.

Use the context-specific online help to learn more about each of the available options.

6. In the **Spot Color Handling** area of the process template, select **Do Not Map Spot Colors** and **Auto-Resolve Spot Color Naming Conflicts**.
7. Save the refine process template with a new name—for example, **YourName_SpotColorsAutoResolve**.
8. Submit the PDF file to the refine process template created in the previous step.
9. Track the refine process in the Process Viewer. Observe what messages you can see about spot color handling.
10. When the refine process is complete, open the new PDF file and view in Acrobat. Note what PANTONE color names are now used in the files.

Activity Summary

You should now be able to adjust refine process template settings to take advantage of Prinergy Evo's ability to automatically resolve common spot color naming conflicts.

Personal Notes

ACTIVITY 23

Spot Color Mapping with User Libraries

Who Should Complete This Activity

- Applications specialists
- Prinergy Evo users—prepress operators

Recommended Reading

Read these selections before proceeding:

- Prinergy Evo Client Help: *Working With the Color Database Editor*
- Prinergy Evo Client Help: *Creating Your Own Color Library*
- Prinergy Evo Client Help: *Copying Spot Colors from A File to A Color Library*

Time to Complete This Activity

Approximately 15 to 30 minutes

Activity 23 Spot Color Mapping with User Libraries

What You'll Learn

- How Prinergy Evo loads the factory-default color library
- How to create a new color library and add custom spot color definitions
- How to covert a spot color job to process using a user-defined color library

Most Prinergy Evo users will be able to use the factory color libraries that are installed with the system. If you only use standard PANTONE colors, use the factory color libraries. The standard definitions for spot colors contained in these libraries will consistently and automatically convert the spot colors defined in supplied input files.

Create your own user library if you require a definition for a spot color that is not a standard PANTONE color definition. This may be because you want to change the process build of a PANTONE color defined in an input file, or because your input files contain unique spot color names that are not in the PANTONE database.

What You'll Need

For this practice activity, you must:

- Locate **Task-Oriented Activities\Activity 23\SpotColors.ps**. This file uses several spot colors.

Activity: Apply What You Know

Create a Refine Process Template That Converts Spot Colors to Process

1. Open the **Activity 23 Refine** process template.
2. In the Refine process template dialog box, select **Spot Color Handling**. Check which spot color handling options are currently selected.
3. In the **Spot Color Handling** area, select **Map all Spot Colors to Process.**
4. Select the **Resolve Ambiguous Spot Color Definitions** check box.
5. Save the refine process template with a new name—for example, **YourName_ConverttoProcess**.

Create a New Spot Color Library and Add Colors

In this procedure, you will configure a new color library and add some colors to that library.

1. From the **Configure** menu, select **Color Definitions.**
2. Click **Add**.
3. In the New User Library dialog box, **Library Name** box, type a name for your color library—for example, **YourNameTrainingColors**.
4. In the **Library Color Space** section, select **CMYK**.
5. Click **Add**.
6. In the **Colors** section, click **Add**.
7. In the New Color dialog box, in the **Color** name box, type the color name:

   `PANTONE 118 CVU`

   This is one of the colors used in the input file supplied for this practice activity.
8. Click **Add**.
9. In the Alternate Color dialog box, enter the color recipe using either the value slide bar or by typing the values in the color boxes. For this activity, you may use any recipe. A customer user would define the color recipe used as the standard in their company workflow.
10. Click **Apply**. The color recipe is saved and in the **Colors** list, a color swatch appears beside the color name.
11. Repeat step #5 through step #9 to add PANTONE 130 CV to the library.
12. Close the Color Definitions window.

Convert Spot Colors to Process During the Refine Process

1. Submit **Task-Oriented Activities\Activity 23\Creotivity.ps** to refine via the **YourName_ConverttoProcess** refine process template you created earlier in this activity.
2. Track the refine process in the Process Viewer. Observe what messages you can see about spot color handling. Prinergy Evo should convert the colors to process, using the color recipes you defined in your color library.
3. When the refine process is complete, open the refined PDF files and view in Acrobat. Note what PANTONE colors are now used in the files.

_____

For more information about how Prinergy Evo selects the recipe to convert a spot color to process, read Prinergy Evo Client Help: Spot Color Handling Options, Source of Spot Color Recipe.

Activity Summary

You should now be able to:

- Describe why a user would create a user library of spot colors
- Demonstrate two methods for adding spot colors to a user library
- Describe the rules Prinergy Evo follows to select the source of a spot color recipe
- Convert spot colors to process using the options in a refine process template

Personal Notes

ACTIVITY 24

Editing PDF Page Geometry in Acrobat

Who Should Complete This Activity

- Applications specialists
- Prinergy Evo users—prepress operators

Recommended Reading

- Kodak Prinergy Geometry Editor Plug-in Help
- Prinergy Evo Client Help: *Setting Page Geometry*

Time to Complete This Activity

Approximately 15 minutes

Activity 24

Editing PDF Page Geometry in Acrobat

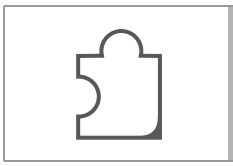
What You'll Learn

How to set trim box and bleed box for supplied PDF using the Geometry Editor plug-in

What You'll Need

For this practice activity, you must:

- Install the Geometry Editor plug-in
- Locate sample input files in the **Task-Oriented Activities\Activity 24** folder



Activity: Apply What You Know

Edit Page Geometry

For details about how to use the Geometry Editor, see the Geometry Editor Help.

1. Open the **st001.pdf** file in Acrobat.
2. With the refined **st001.pdf** displayed in Acrobat, click the Geometry Editor button on the toolbar.
3. Use the mouse to set the trim box of **st001.pdf** to make the crop marks visible on the page.
4. Use the mouse to set the bleed box so that the bleed marks are visible on the page.
5. Check the **Apply to** check box in the Geometry Editor if it is not already checked.
6. Select the **Multiple files** check box. Browse to and select the PDF file representing odd-numbered pages (that is, **st003.pdf**, **st005.pdf**, **st007.pdf**)
7. Click **Apply**, and then click **Close**.
8. In Acrobat, save and close the **st001.pdf** file.
9. Using the same procedure outlined in steps 1–8, revise the trim and bleed boxes for the even-numbered pages.
10. Open a few even- and odd-numbered pages to view the changes made with the Geometry Editor.

Activity Summary

You should now be able to:

- Navigate tools available in the Geometry Editor plug-in
- Use the Geometry Editor to set page trim and bleed boxes on a PDF page.

Personal Notes

ACTIVITY 25

Creating Relative File Paths

Who Should Complete This Activity

- Applications specialists
- Customer service engineers
- Prinergy Evo users—system administrators

Recommended Reading

- Technical procedure: *Suggested Prinergy Evo Job Folder Organization Using Relative Paths,* available at http://techplanet.creo.com/ on the **Prinergy Evo (version number) -> Procedures** page
- *Prinergy Evo System Administration Guide:* Chapter 6, *Recommended Prinergy Evo Client/Server System Folders Settings*
- Prinergy Evo Client Help: *Tell Me More About Using Relative File Paths*

Time to Complete This Activity

Approximately 20 to 30 minutes

Activity 25 Creating Relative File Paths

Who Should Complete This Activity

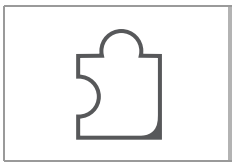
What You'll Learn

- Recommended practices for folder names and organizing files in a Prinergy Evo production environment
- How to use the Prinergy Evo relative paths feature to organize refined PDF files within a job folder
- How to configure relative image search paths using settings in the refine process template

What You'll Need

For this practice activity, you must:

- Have access to one of the following online resources:
  - https://ecentral.graphics.kodak.com
  - http://techplanet.creo.com/
- Locate image files, input files, application source files, and font files in the **Task-Oriented Activities\Activity 25\ Customer Supplied** folder. This folder contains files like those a Prinergy Evo user might receive from a customer.



Activity: Apply What You Know

Organize Job Folders and Supplied files

1. Read the recommended technical procedure: *Suggested Prinergy Evo Job Folder Organization Using Relative Paths.*
2. Watch the Flash-based online demonstration titled "Using Input Relative Output Paths" in the Prinergy Evo Help. To view the help:
    1. In the Process Viewer, select **Help > Prinergy Evo Help.**
    2. In the online help, click **Index**.
    3. In the keyword box, type `tutorials`.
    4. In the list of entries below, click **tutorials**.
3. Create a new job folder on the shared **JobData** file server volume.

    If you are working in a production environment, use a naming convention that makes sense in your workflow. If you are working in a training environment, name your job like this:

    JobData\YourInitials_0029
4. Read Chapter Six, *Recommended Prinergy Evo Client/Server System Folders Settings* in the *Prinergy Evo System Administration Guide.*

    Create sub-folders within your job folder to organize the files you have received in your **Task-Oriented Activities\Activity 25\Customer Supplied** folder. Assign folder names that will suit the files supplied with most of your job types.

    Creating standard folder names can help you automate your Prinergy Evo workflow.

    For this activity, you have been supplied the following file types:

    - Images
    - Application source files
    - PostScript files created from the application source files
    - High-resolution images
5. Move your **Task-Oriented Activities\Activity 25\Customer Supplied** files into the new folders.

Configure a Refine Process Template to Use Relative File Paths

1. Read Prinergy Evo Client Help: *Tell Me More About Using Relative File Paths*.

    In the next steps, you will use this information to create a process template that uses relative paths to search for images and to output refined PDF files.

2. Open a refine to PDF process template and save it with a new name—for example, **YourInitials_RefineOPI**.
3. In the new **YourInitials_RefineOPI** process template, in the **Processed File Preferences** section, type a relative path that will:
   a. Create a new folder named **Refined PDF Masters** in each **JobData\[jobname]** folder.
   b. Send processed PDF files to the new **Refined PDF Masters** folder.
4. In the new **YourInitials_RefineOPI** process template, in the **Normalize** section, **Search Path Order (from top to bottom) box,** type a relative file path that will:
   a. Search for high-resolution images in a folder that has the same name in each job that uses this process template.
   b. Correctly locate the high-resolution images for your **JobData\YourInitials_0029** job.
5. Save the **YourInitials_RefineOPI** process template.
6. Add this process template to a template palette.
7. Submit the supplied PostScript input files to the new process template.
8. Track the process in Process Viewer.

Activity Summary

You should now be able to:

- Configure relative file paths for OPI image replacement
- Configure relative file paths for Prinergy Evo processed file output

Describe benefits of relative file paths to help organize files in a Prinergy Evo production environment

Personal Notes

ACTIVITY 26

Configure Preflight Profiles and Submit Input File

Who Should Complete This Activity

Prinergy Evo users

Recommended Reading

- Prinergy Evo Client Help: *Tell Me More About PDF PreFlight*

Time to Complete This Activity

Approximately 30 minutes

Activity 26 Configure Preflight Profiles and Submit Input File

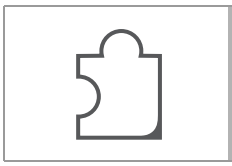
What You'll Learn

- How Prinergy Evo preflight profiles can identify and fix potential problems with supplied input files
- How to edit preflight profile settings
- How to submit files for preflight via process templates in the Template Browser feature
- How to use preflight reports to view potential and fixed problems with supplied files

What You'll Need

For this practice activity, you must:

- Have an installed and configured Prinergy Evo system (version 1.2 or later), licensed for Advanced PDF Preflight
- Have Prinergy Evo plug-ins to Acrobat software installed
- Locate sample input files or refined digital master PDF files. You may use the **\ITP Files\Input Files\EvoITP_Fat.ps** file supplied on your Prinergy Evo Installation DVD. These files are also provided on the Prinergy Evo Training DVD.



Activity: Apply What You Know

Use Prinergy Evo Client Help to Learn About Prinergy Evo PDF Preflight Profiles

1. Start Prinergy Evo Client software. From the **Configure** menu, select **Preflight Profiles**.
2. In **Preflight Profile Manager**, click **Help**.

   In the Help window, click **Show** to display concepts, procedures, and options for preflight features.
3. Read the following help topics before proceeding:
   - *Understanding PDF Preflight*
   - *Using PDF Preflight*

Create Prinergy Evo PDF Preflight Profiles

Note: Prinergy Evo only uses preflight profiles created within a Prinergy system. While it is possible to import and export profiles between Prinergy systems, it is not possible to import profiles created in other workflow systems.

1. In **Preflight Profile Manager**, you can see the default preflight profiles installed with the system. Select the **Prinergy Defaults** profile and click **Edit**.
2. Save the preflight profile with a new name so you do not change the default profile settings.
3. In the new preflight profile, select the **Image** category.
4. Select the **Resolution** subcategory, and then choose the following options in the **Detect** area:
   a. Select **Resolution of color or grayscale image is above,** and type `300 dpi`.
   b. From the **Report** menu, select **Warning**.

      Prinergy Evo will now report a warning when this preflight profile is used to process any files containing images with resolution above 300 dpi.
5. Click **Compression**, and then choose the following options in the **Detect** area:
   a. Select **Color or Grayscale Images,** and then in the list of compression types select **JPEG compressed**, **LZW compressed**, and **Not Compressed**.
   b. From the **Report** menu, select **Warning**.
   c. Select **Fix: Compress With,** and then select **ZIP**.

Prinergy Evo will now report a warning when this preflight profile is used to process any images that are compressed with any of the selected compression types. Prinergy Evo will compress each of those images using ZIP compression.

6. Select the **Text and Line-Art** category, and then select the **Text and Line-Art** subcategory.
7. In the **Detect** area, choose the following options:
   a. Select **Text is smaller than,** and type `14 points` in the box.
   b. From the **Report** menu, select **Information**.

      Prinergy Evo will now report an information message when this preflight profile is used to process any files containing text that is smaller than 14 points. This feature is most useful to warn about very small text, usually 6 points or smaller.
8. Do not change any other default settings in the preflight profile.
9. Save the preflight profile.

Apply the New Preflight Profile in a Refine Process Template

1. Start Prinergy Evo process template Editor.
2. Open the default **RefinetoPDF** process template.
3. Save the process template with a new name—for example, **RefinePreflight**.
4. Select and expand **PDF Preflight** section.
5. Select **Advanced**. The standard preflight options will now be unavailable. This option is available only on systems that are licensed for Advanced PDF Preflight.
6. In the **Advanced Preflight** section, choose the following options:
   a. In the **Preflight Profile** list, select the new profile you created in the previous procedure.
   b. In the **Preflight Handling** section, in the **Errors** list, select **Warn on Warnings.**
   c. In the **Report** area, select **Create One Report per Input File.**
7. In the **File Delivery** section of the process template, set the **Processed Files Location** to your desired location for completed files.
8. Save and close the process template.

Refine an Input File Using the New Process Template

1. Locate a sample file on a shared file server volume—for example, **ITP Files\Input Files\EvoITP_Fat.ps**. This file is supplied on your Prinergy Evo Installation DVD.
2. From the Process Viewer Window menu, select **Template Browser**.

   Use context-sensitive online help to learn more about the Template Browser.

3. In the Template Browser, locate the new refine process template you created in the previous procedure.
4. Drag your input file to the new refine process template.
5. Monitor processing in Process Viewer. Observe what information about preflight appears in the Item History for this process.

Review the Preflight Report for Each Refined Page

1. Locate your refined PDF files. In the same location as those files, locate a **PreflightReports** folder created by Prinergy Evo.
2. Prinergy Evo creates a preflight report for each page in the input file. Open the first report—for example, **EvoITP_Fat.p0001_rep.pdf.**
3. Review the preflight report:
   a. Use PDF bookmarks to see warnings and information related to each subcategory used in your preflight profile.
   b. Click  in the preflight report to view the elements of your refined file that the preflight profile settings affected.
   c. Click **Go to Report** in the Kodak Preflight Locator window to continue reviewing your preflight report.

Activity Summary

You should now be able to write here or discuss responses to the following:

1. What settings will be most helpful in preflight profiles used in your own working environment?

   _____

   _____

2. Who in your working environment will review preflight reports?

   _____

   _____

3. What are the benefits and limitations of PDF preflight for your working environment?

   _____

   _____

Personal Notes

ACTIVITY 27

Create a Layout Using Output PDF Process Template Settings

Who Should Complete This Activity

Prinergy Evo users

Recommended Reading

- Prinergy Evo Client Help: *Output PDF—Layout Options*

Time to Complete This Activity

Approximately 25 minutes

Activity 27 Create a Layout Using Output PDF Process Template Settings

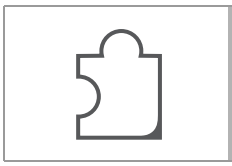
What You'll Learn

How to use the layout settings available in an output PDF process template to arrange PDF digital master files in a simple 4-up layout suitable for submitting to proof, film, or plate

What You'll Need

For this practice activity, you must:

- Have an installed and configured Prinergy Evo system, licensed for output to PDF
- Locate sample input files, or refined digital master PDF files. You may use the **\ITP Files\Input Files\EvoITP_Fat.ps** file supplied on your Prinergy Evo Installation DVD. These files are also provided on the Prinergy Evo Training DVD.



Activity: Apply What You Know

Create a Layout Using Output PDF Process Template Options

The options provided in Prinergy Evo output PDF process templates allow you to create layouts suitable for output to proof, film, or plate devices. The settings allow you to specify the number of pages per surface, to position the pages relative to one another, to set bleed margins between pages, and to accurately position the entire layout relative to the media. In effect, these settings allow you to create simple imposition layouts without using an imposition program.

1. In Prinergy Evo process template Editor, select the default **OutputPDF-VPS-Factory** process template that was installed with the system. Open the process template and save it with a new name.
2. From the **Output To** list, select **PDF (Vector Output)**.
3. Select and expand the **Layout** section in the new process template.
4. In the **Layout** section, set the following options in the **Media** to set the size of your final output media (proofing media, film, or plate).
   a. In the **Size** list, select **Cut Sheet.**
   b. In the **Max Width** area, type `25 inch` or `625 mm`.
   c. In the **Max Height** area, type `28 inch` or `700 mm`.

5. In the **Layout** section, set options in the **Page Placement** area to determine how your PDF digital master files will be arranged relative to one another. Your printing and finishing requirements should inform the options you select in this area. For this activity, select the following options:
   a. Next to **Type**, select **Top Left to Bottom Right**.
   b. Next to **Style**, select **N-Up**.
   c. In the **Number of Pages Across** box, type `2`, and in the **Down** box, type `2`.
   d. Clear the **Auto Distribute Vertically**, **Auto Distribute Horizontally**, and **Reduce Gutters if Required** boxes.
   e. Set **Vertical Gutter Width** to `1 inch` or `25 mm`. This will allow you to see bleeds and marks included in PDF digital master files.
   f. Set **Horizontal Gutter Height** to `1 inch` or `25 mm`. Figure 30.1 illustrates gutter settings:

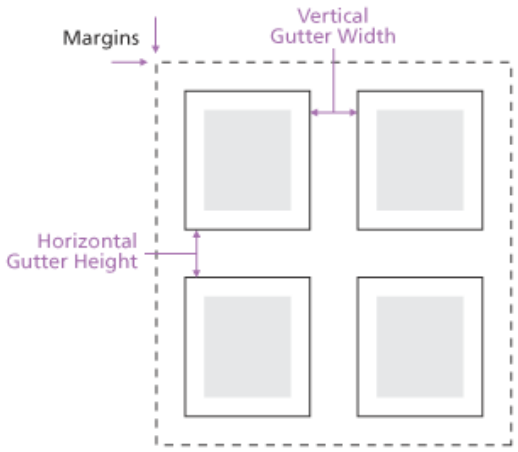


Figure 30.1 Gutter settings

6. In the **Layout** section, set options in the **Layout Placement** area to determine how your layout will be aligned and placed relative to the selected imaging media. Your printing and finishing requirements should inform the options you select in this area. For this activity, select the following options:

   a. In the **Align Horizontally** list, select **Center**.

   b. In the **Vertically** list, select **Bottom**.

      These settings place your layout centered along the bottom or punch edge of a plate or film flat. Figure 30.2 shows how the alignment settings position your layout relative to the media area.

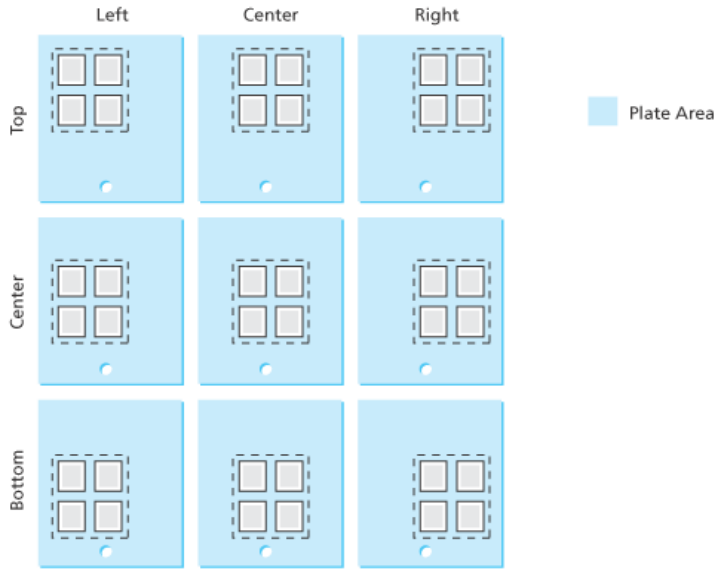


Figure 30.2: Layout Placement alignment settings

d. Set **Shift Vertically** to `1 inch` or `25 mm` to allow space for plate bend.

You can change these settings to accommodate the production requirements of particular devices and printing presses in your working environment.

Figure 30.3 shows how **Shift Along** settings position your layout relative to the media area.

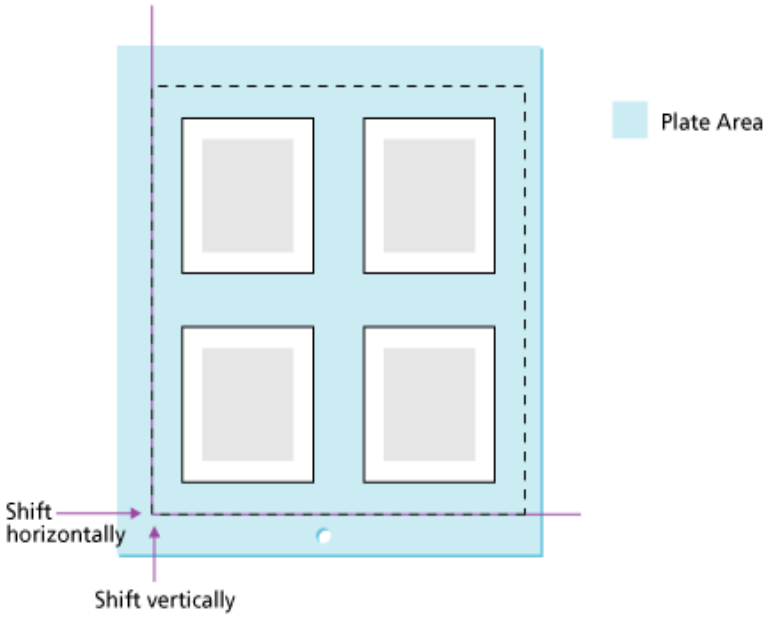


Figure 30.3: Layout Placement Shift settings

e. Do not change other **Layout Placement** default settings.

7. In the **Layout** section, in the **Scaling** area, clear all settings. These settings may be suitable for some proofing output, but are not suitable for final output to film or plate.
8. In the **Layout** section, in the **Marks** area, set margins to control the area of the media beyond the limits of page trim size. This allows space for marks to print between the layout and the edge of the print sheet. For this activity, complete the **Extra Margins for Marks and Bleed** boxes as follows:
   a. **Left**: `0 inch` or `0 mm`
   b. **Right**: `0 inch` or `0 mm`
   c. **Top**: `3 inch` or `75 mm`
   d. **Bottom**: `0 inch` or `0 mm`

9. Place a sheet mark at the top of the layout by selecting the following options in the **Marks** area:
   a. Next to **Sheet Marks**, click **Browse** and locate one of your company's production marks.

      Alternatively, browse to the following default mark on your Prinergy Evo server computer: **[PgyEvoConfig]\MarkSets\Sheet Marks\Color Proofers\Separated Proofs\SheetMark-Color-Sep.pdf.**
   b. Select the mark and click **Open**.
   c. In the **Locate Sheet Marks Adjacent to** lists, select **Top.**
   d. In the **at a Distance of** list, type `0.5 inch` or `10 mm`.
   e. Do not change other **Marks** area default settings.
10. Set the **Processed Files Location** to your desired location for completed files.
11. Save and close the process template.

    You can now use this process template to automatically lay out and output groups of PDF digital master files. This will allow you to streamline the production of jobs that have simple imposition requirements.

Output PDF Using Layout Settings

1. Refine input files to PDF digital master files that are ready for proof or final output. You may use the **\ITP Files\Input Files\EvoITP_Fat.ps** file supplied on your Prinergy Evo Installation DVD. These files are also provided on the Prinergy Evo Training DVD.
2. From the Process Viewer **Window** menu, select **Template Browser**.
3. In the Template Browser, locate the new process template created in the previous procedure.
4. Locate your PDF digital master files. Drag the files to the new output PDF process template in the Template Browser.
5. Monitor processing in Process Viewer. When the process is finished, locate your completed files.

   Prinergy Evo has used the settings in the **Layout** section of the output PDF process template to create one PDF flat file for each four-page surface. You can now submit these PDF flat files to a suitable 4-up output device, including a proofer, Kodak Trendsetter® platesetter, or filmsetter.

   If you used the supplied files, your output files will be named:

   EvoITP_Fat.1A.PDF

   EvoITP_Fat.1B.PDF

   EvoITP_Fat.2A.PDF

   EvoITP_Fat.2B.PDF
6. Open and view the plate-ready PDF flat files in Acrobat.

Activity Summary

You should now be able to write here or discuss answers to the following:

1. Write here or discuss which of your jobs could make use of settings in the **Layout** section of an output PDF process template to create a simple layout.

   _____

   _____

   _____

2. Write here or discuss what information you require about your company's press and finishing requirements in order to correctly complete the following settings:

   a. The **Page Placement** options in the **Layout** section of the output PDF process template

      _____

      _____

   b. The **Layout Placement** options in the **Layout** section of the output PDF process template

      _____

      _____

Personal Notes

ACTIVITY 28

Automatically Create Impositions

Who Should Complete This Activity

Prinergy Evo users

Recommended Reading

- Prinergy Evo Administrator Help: *License Manager*
- Prinergy Evo Client Help: *About Creating Imposition Plans in Prinergy Evo*
- Prinergy Evo Client Help: *Outputting Automatic Imposition Plans*
- *Preps 5.0* (or later) *User Guide*

Time to Complete This Activity

Approximately 40 minutes

Activity 28 Automatically Create Impositions

What You'll Learn

- How to configure a create imposition process template that uses an existing imposition layout template created in Preps.
- How to use the new create imposition process template to automatically assign PDF digital master files and create a populated JDF imposition file without using Preps software.

What You'll Need

For this practice activity, you must:

- Have an installed and configured Prinergy Evo system (version 1.2 or later), licensed to automatically create imposition files
- Have a licensed copy of Preps (version 4.2 or later)
- Locate a four-page Preps template—for example, **\ITP\Impositions\PrepsTemplates\ITP-4up** on your Prinergy Evo Installation DVD
- Locate sample PDF digital master files. You may use the **\ITP\PreRefinedPages\ EvoITP_Fat.p0001.pdf** through **EvoITP_Fat.p0016.pdf** supplied on your Prinergy Evo Installation DVD.

Activity: Apply What You Know

Kodak has introduced to Prinergy Evo a licensed feature that enables users to automatically create populated JDF imposition files without starting Preps or any other imposition software.

In an automatic imposition workflow, users submit PDF digital master files to a create imposition process template. The create imposition process template automatically imposes the pages, using an existing Preps template and signature specified. Prinergy Evo creates a populated JDF imposition file, which can then be output via any imposition output process template.

Prepare Prinergy Evo and Preps to Work Together

Before you use the Prinergy Evo create imposition process templates, you must confirm that Prinergy Evo Server software and Preps software are configured to correctly share the required resources. Complete this procedure to prepare Prinergy Evo and Preps to work together to automatically create imposition plans.

1. Choose a central location for your Preps templates, marks, and printers that each of your users and Prinergy Evo Client computers can access via your network. The default location for these files is a folder on a shared file server volume on your Prinergy server computer: **[PrinergyServerName]\PgyEvoConfig\Preps**.
2. Move your existing Preps **Templates**, **Marks**, and **Printers** folders from your client computer to the shared folder you chose in step 1.
3. Start Preps imposition software to check what information Prinergy Evo will use for automatic imposition:
    a. Open the Installation Test Procedure **ITP-4up** template, and note that this template contains only one signature. Though Preps supports multiple signatures in a single template, Kodak recommends that the templates you use for automatic imposition contain only a single signature.
    b. Select the signature. From the Preps **Edit** menu, select **Get Information**.
    c. In the Signature Information dialog box, ensure that **Make Signature Available for AutoSelect** is selected. Only template signatures with this option enabled can be used by Prinergy Evo for automatic imposition.
    d. Close the template and quit Preps.

Configure a Prinergy Evo Create Imposition Process Template

1. Start Prinergy Evo process template Editor.
2. Expand the **Create Imposition** group (found under **Factory Templates**), and then select and open one of the default process templates.
3. Save the create imposition process template with a new name.

4. Expand the **Preps Imposition Planning** section of the process template. In this section, you will select a Preps template and print device settings for Prinergy Evo to use when automatically creating an imposition layout.

Click  for more information from context-sensitive help about available options in this section.

5. In the **Template** area, select the following options to tell Prinergy Evo which Preps template to use from the **\Preps\Templates** folder on your shared file server volume:
   a. In the **Binding Style** list, select **Perfect Bound**.
   b. In the **Template Name** list, select **ITP-4up**. If this template is not available, check your steps in the procedure *Prepare Prinergy Evo and Preps to Work Together* on page 15, or select another template.
6. In the **Device** area, in the **Installed Device** list, select **Press Sheet Size**.

   The **Press Sheet Size** device installed by default in Preps will be suitable for most output to Prinergy Evo.
7. In the **Profile Settings** area, select **Auto Reverse Backward Page** and **Auto Center Runlist Pages.** Settings in this area determine how Prinergy Evo will control the PDF digital master files as it places them in the imposition template.
8. Set the **Processed Files Location** to your desired location for completed imposition files.

Note: Consider the benefits of creating a workflow that would send the JDF files from this create imposition process template to an output from imposition process step. This would allow Prinergy Evo to automatically impose files, and then output the imposition to proof.

9. Save and close the new process template.

Submit Single-Page PDF Digital Master Files for Automatic Imposition

You can now use your new create imposition process template to automatically impose PDF digital master files by selecting files and submitting them for processing via the new process template. When you select your PDF files, you will be able to arrange the files in a run list order. Prinergy Evo will automatically impose the files using the Preps template specified in the create imposition process template.

1. Locate sample PDF digital master files. You may use the **\ITP\PreRefinedPages\ EvoITP_Fat.p0001.pdf** through **EvoITP_Fat.p0016.pdf** supplied on your Prinergy Evo Installation DVD.
2. Open the Prinergy Evo Template Browser, and then drag the PDF files to the create imposition process template you configured in the previous procedure.

3. In the Process Start dialog box, you can select and drag files to change the order. When you have arranged the PDF digital master files in the desired run list order, click **Go**.

   In the Process Start dialog box, you can change which process template Prinergy Evo will use to process your files. In addition, you can dynamically change settings in the process template, and you can select a different Preps template or signature layout.

4. Monitor processing in Process Viewer. When the process is finished, locate your completed files.

   Prinergy Evo creates a populated JDF imposition file in the location you specified in **Processed File Preferences** area of the process template. The system also creates a new folder, **JDFMarksFlats**. This folder contains the marks specified on the Preps template selected in the create imposition process template.

Note: Prinergy Evo automatic imposition creates only JDF files. Other imposition file formats are not supported.

Output FromImposition and Check in Prinergy Virtual Proofing System software

1. Confirm that your Prinergy Evo system has an output from imposition process template configured to output to Prinergy Virtual Proofing System software. The default process template is **OutputImposition-VPS-Factory**.
2. Select the populated **EvoITP_Fat.p0001_impo.jdf** file and **EvoITP_Fat.p0001_impo.pdf** marks file created by Prinergy Evo.
3. Submit the JDF file to the **OutputImposition-VPS-Factory** imposition template using your preferred method:
   - If you submit via a hot folder, you must submit the JDF file and marks PDF file at the same time from the same location.
   - If you submit via a template palette or the Template Browser, submit the JDF file only. The marks PDF file must reside in the same location as the JDF file.
4. Monitor processing in Process Viewer. When the process is finished, locate your completed files.
5. Locate and open the Prinergy Virtual Proofing System software files.
6. In Prinergy Virtual Proofing System software, you can see the imposition marks, trim boxes, and sheet marks specified in the Preps template you selected in your create imposition process template.

Activity Summary

You should now be able to write here or discuss responses to the following:

1. Where should you store Preps templates, printer definitions, and marks in order to make them available to Prinergy Evo?

   Write here the location where you will store these Preps files in your own working environment:

   _____

   _____

2. What imposition settings can be adjusted in a Prinergy Evo create imposition process template?

   _____

   _____

3. What will you have to do to make your own Preps templates suitable for use with Prinergy Evo?

   _____

   _____

   _____

   _____

4. What settings can be adjusted in a create imposition process template when you submit files to Prinergy Evo ?

   _____

   _____

   _____

5. Which of the jobs in your production environment are suitable for automatic imposition with Prinergy Evo?

   _____

   _____

   _____

   _____

Personal Notes

ACTIVITY 29

Create a Signature Booklet Proof

Who Should Complete This Activity

Prinergy Evo users

Recommended Reading

- Prinergy Evo Client Help: *Output From Imposition Layout Options*

Time to Complete This Activity

Approximately 15 minutes

Activity 29 Create a Signature Booklet Proof

What You'll Learn

- How to apply **Signature Booklet** options in the **Layout** section of an output from imposition process template
- How to check imposition by creating a proof mock-up of the book

What You'll Need

For this practice activity, you must:

- Have an installed and configured Prinergy Evo system
- Locate an output-ready imposition file—for example, **EvoITP_Fat.p0001_impo.jdf**, created in Activity 28

Activity: Apply What You Know

In this activity, you will create a process template suitable for proofing an imposition as a reader-order, folded booklet. You will adjust the **Signature Booklet** settings in the output from imposition process template in order to produce a reader-order mock-up of the imposition file you created in the previous activity.

The **Signature Booklet** settings provide instructions to Prinergy Evo so that when you submit a supported imposition file (JDF or PJTF) for processing, the system prints construction proofs that verify the actual assembly of signatures into the final product. The proofs are printed on black and white or color laser printers and do not require folding down and cutting plotter sheets. A proof of this type allows you to proof page order, content, and trim and bleed effects.

You can also output to Prinergy Virtual Proofing System software files or PDF to view each proof on screen.

Configure Output From Imposition Process Template for Signature Booklet Proof

1. Start Prinergy Evo process template Editor.
2. Create a new output from imposition process template and save it in an **Output from Imposition** process template group (if you do not have an output from imposition group then create one). Assign the process template a new name that will identify its use for digital blueline output.
3. In the new process template, in the **Output To** list, select the appropriate output format for your print device. For more information about connecting print devices, refer to the *Prinergy Evo Installation Guide* (731-00182B).

   If you do not have a printer available, select **Virtual Proof** in the **Output To** list.
4. Expand the **Layout** section of the process template.
5. In the **Media** area, select options to suit your print device. If possible, select the following options for this activity:

   a. In the **Size** list, select **Cut Sheet**

   b. In the **Max Height** area and **Max Width** areas, type the dimensions of the paper you use in your proofing device. Use a larger paper size than the trim size of your page, so you will be able to see the imposition information associated with each page (crop marks, page marks, bleeds). If possible, use one of the following paper sizes:

   – US tabloid: 17-inch height, 11-inch width

   – A3: 420-mm height, 297-mm width

   c. Only if your output device supports duplexing, in the **Duplex** list, select **Turn**.

Do not change duplex offset settings for this activity. You may use the **Shift Along** settings in this area to adjust for imprecise duplexing on your printer. You will have to perform tests to determine how much to shift the image in order to achieve optimal duplex backup.

Click  for more information from context-sensitive help about available options in this section.

6. In the **Placement** area, select the following options to place each page in the center of the available proofing media:
   a. In the **Orientation** list, select the check box adjacent to the  icon.
   b. Select **Align Horizontally Center** and **Align Vertically Center**.
7. In the **Scaling** area, clear all settings. These settings may be suitable for some proofing output, but are not suitable for this activity.
8. In the **Marks** area, select the following options to determine what data (in addition to trim page content) will appear on the proof.
   a. Beside **Draw Trim and Bleed Marks,** select **Outside Content.**
   b. Leave the **Sheet Marks** box blank.
   c. Next to **Page Marks**, browse to the following default page mark that is installed with Prinergy Evo: **[PgyEvoConfig]\MarkSets\Page Marks\B&W Proofers\Composite Proofs\PageMark-BW-Comp.pdf.**
   d. In the **Locate Page Marks Adjacent to** list, select **Bottom.**
   e. Beside **at Distance of**, type `0.5 inches` or `10 mm`.
   f. Beside **Locate Crop Mark of Length,** type `0.25 inch` or `3 mm`.
   g. Beside **at a Distance of,** type `0.125 inch` or `1.5 mm`.
9. In the **Signature Booklet** area, select the following options to determine how your digital blueline proof will print:
   a. Select **Enable Signature Booklet**.
   b. In the **Type** list, select **1up**. This will print one page per sheet.
   c. Do not change duplex offset settings for this activity.
10. Expand the **Processed File Preference** area.
11. If you will output this proof via a print device, select **Send Processed Files to** and type the device path.

    If you will output this proof to Prinergy Virtual Proofing System software, select **Send Processed Files** to **Default Location**.
12. Save and close the output from imposition process template.

Submit a File for Signature Booklet Proof

1. Locate an output-ready imposition file—for example, **EvoITP_Fat.p0001_impo.jdf**, created in Activity 28.
2. Submit the imposition file to your new output from imposition process template.
3. Monitor processing in Process Viewer. When the process is finished, locate your completed proof.
   - If you sent the proof to a hard copy printer, collect the reader-order pages.
   - If you sent the proof to Prinergy Virtual Proofing System software, locate and open the files—for example, **EvoITP_Fat.p0001_impo.1A.1.VPS**.
4. Inspect your proof. Check that:
   - You can see crop marks correctly indicating the trim size. If not, check your settings in the **Signature Booklet** section of the **Layout** section in the output from imposition process template you created in the previous procedure.
   - Pages are correctly backed up in reader order. If not, you will have to change your imposition template in Preps, or change the run list order in Prinergy Evo. You will have to create a new imposition file and submit it to the output from imposition process template again.
   - Crop marks for each pair of backed up pages are correctly backed up. If not, adjust **Duplex Offsets** settings in the **Signature Booklet** area of the **Layout** section in your new output from imposition process template. These settings allow you to shift the pages only during proofing, without affecting the imposition. If you are concerned about an inaccurate match between the front and back of your imposition proof, check in Prinergy Virtual Proofing System software.
   - Page marks print correctly.
   - Page content is accurate.

Activity Summary

You should now be able to write here or discuss responses to the following:

1. In your own working environment, which jobs or types of work are you likely to output to a digital blueline proof?

   _____

   _____

2. What are the benefits of a digital blueline proof like the one created in this activity?

   _____

   _____

3. What are the limitations of a digital blueline proof like the one created in this activity?

   _____

   _____

Personal Notes

ACTIVITY 30

Create a Multi-process Hot Folder

Who Should Complete This Activity

Prinergy Evo users

Recommended Reading

- Prinergy Evo Client Help: *Creating a New Multi-process Hot Folder*
- Prinergy Evo Client Help: *Assign process templates Options*
- Prinergy Evo Web-based training topic:
  - Standard Workflows—Imposition Options

Time to Complete This Activity

Approximately 25 minutes

Activity 30 Create a Multi-process Hot Folder

What You'll Learn

- How to configure multi-purpose hot folders
- How to use Prinergy Evo multi-purpose hot folders to create an automated workflow for simultaneous Prinergy Virtual Proofing System software and hard copy proof
- How to specify for a Prinergy Evo hot folder which files the associated process template should process

What You'll Need

For this practice activity, you must:

- Have an installed and configured Prinergy Evo system
- Be able to configure and use a hot folder in Prinergy Evo working environment
- Have prepared an output from imposition process template like the one you created in *Activity 29: Create a Signature Booklet Proof* on page 173 of this guide
- Locate an output-ready imposition file—for example, **EvoITP_Fat.p0001_impo.jdf**, created in Activity 29. You will submit an imposition file as the input to the new hot folder you create in this activity.
- Locate sample PDF digital master files. You will use these files to experiment with how hot folders handle different file formats.
  - You may use the **\ITP\PreRefinedPages\ EvoITP_Fat.p0001.pdf** through **EvoITP_Fat.p0016.pdf** supplied on your Prinergy Evo Training DVD.
  - You may use the PDF layout flats created in *Activity 27: Create a Layout Using Output PDF Process Template Settings* on page 155 of this guide. These files are named:

    EvoITP_Fat.1A.PDF

    EvoITP_Fat.1B.PDF

    EvoITP_Fat.2A.PDF

    EvoITP_Fat.2B.PDF

Activity: Apply What You Know

Prinergy Evo allows you to associate more than one process template with a hot folder. This allows you to create a single hot folder that will direct files to several process templates at the same time. If you have some jobs or types of work that will frequently require the same, predictable outputs, this functionality may assist you to automate some of your processing.

Prinergy Evo hot folder functionality also offers some automated controls that determine which incoming files should be processed. Using options available when you assign a process template to a hot folder, you can now specify what file types should be processed by each process template. When a user submits a file to the hot folder, the system will check the file type criteria and process only files that meet those criteria.

In this activity, you will use the multi-process hot folder functionality to create a hot folder which will simultaneously output both a Prinergy Virtual Proofing System TIFF file set and a hard copy proof for each imposition file submitted to the folder. You will use file types criteria to direct the system to process only supported imposition files and to ignore all other files.

Create a New Multi-Process Hot Folder for Prinergy Virtual Proofing System software and Digital Blueline Proofs

1. From Prinergy Evo Client software, create a new hot folder on a shared file server volume that is available to your Prinergy Evo server computer and users.

   If you need help with this step, refer to Prinergy Evo Client Help: *Creating a New Multi-Process Hot Folder.*

2. Assign the hot folder a unique name that identifies its multiple purposes: outputting imposition files to Prinergy Virtual Proofing System software and to digital blueline proofs.

3. Add to the hot folder a process template for producing Prinergy Virtual Proofing System software proofs:

   a. In the New Hot Folder dialog box, click **Add** to select a process template to associate with this hot folder.

   b. In the Assign process template dialog box, select an output from imposition process template that will create Prinergy Virtual Proofing System software output—for example, the factory default **OutputImposition-VPS-Factory** template.

   c. In the **Template will be used to process** area, select **Files Matching This Criteria**.

   d. In the **File Type** list, select **Imposition Files**.

Prinergy Evo will check the file type of files submitted to the hot folder. Any supported imposition file will be processed via the associated **OutputImposition-VPS-Factory** process template. Prinergy Evo supports PJTF and JDF imposition files, so only these file types will be processed by this process template.

e. Click **OK**.

4. Again in the Assign Process Template dialog box, add another output from imposition process template to the hot folder:

   a. In the New Hot Folder dialog box, click **Add** to select a second process template to associate with this hot folder.

   b. In the Assign Process Template dialog box, select an output from imposition process template that will create digital blueline proof output—for example, the process template you created in Activity 29.

   c. In the **Template will be used to process** area, select **Files Matching This Criteria**.

   d. In the **File Type** list, select **Imposition Files**.

   e. Click **OK**.

   The New Hot Folder dialog box now shows two process templates associated with the hot folder.

5. In the **Input Files** area of the New Hot Folder dialog box, select **Delete Only when Successfully Processed**. Prinergy Evo users will have to determine what to do with files that fail to process.

6. Click **OK** in the New Hot Folder dialog box.

   Prinergy Evo is now prepared to process any supported imposition file submitted to this hot folder. It will process these files simultaneously, via two output from imposition process templates. Prinergy Evo will then delete from the hot folder all files that it successfully processes.

Submit Imposition File for Multiple Outputs

1. From your shared file server volume, locate the new hot folder you created in the previous procedure.

2. Locate an output-ready imposition file—for example, **EvoITP_Fat.p0001_impo.jdf**, created in Activity 28.

3. Drag the imposition file (and marks file, if necessary) to your new hot folder.

4. Monitor processing in Process Viewer.

   Prinergy Evo checks the type of file submitted to the hot folder. Since JDF is a supported imposition file type, the system submits the imposition file to both process templates associated with the hot folder.

   You will see messages in Process Viewer indicating the processing status of the file via both process templates**.**

5. When the process is finished, open the hot folder you used for this procedure and locate the file you submitted:

- Open the folder and note that the imposition file and its associated PDF marks file have been deleted from the root input folder and moved to the **Input_Success** folder. If the file failed, you can find it in the **Input_Error** folder.

6. Locate your completed imposition proof output:
   a. Collect the reader-order pages created according to the specifications in your output process template.
   b. Locate and open the imposed Prinergy Virtual Proofing System software files. You will find these files in the **\Output** folder in your hot folder.

Experiment With Input File Types

Remember that when you configured your new hot folder, you set criteria for the process templates that allowed each to process only imposition files. In this procedure, experiment with what happens when you submit another file type to the hot folder.

1. Locate a PDF digital master file—for example, **EvoITP_Fat.1A.PDF.** This is a PDF layout or flat you created in Activity 27 by using the **Layout** options in an output PDF process template.

   If you did not complete Activity 27, locate another PDF digital master file—for example, **\ITP\PreRefinedPages\ EvoITP_Fat.p0001.pdf** on the Prinergy Evo Installation DVD. This is a a single PDF page.

2. Submit the PDF digital master file to the new hot folder.
3. Monitor Process Viewer for messages.
4. Open the hot folder on your shared file server volume, and look for the PDF file you submitted.

   If you are using Prinergy Evo, you should find the file in the **Input_Unmatched** folder.

   Prinergy Evo moves the file here because the file type does not match the criteria you specified when you created the new hot folder. Unless the file is a supported PJTF or JDF imposition file, Prinergy Evo hot folders do not recognize it as an imposition file. Because Prinergy Evo did not process the file via any process template, there are no messages in Process Viewer.

Activity Summary

You should now be able to write here or discuss responses to the following:

1. What are some benefits of multi-process hot folders that you can apply in your own working environment?

   _____

   _____

2. How can file-matching criteria be used to streamline a hot folder workflow?

   _____

   _____

3. What imposition file types are permitted for use with Prinergy Evo?

   _____

   _____

Personal Notes

ACTIVITY 31

Create a Workflow Template and Submit Files to Workflows

Who Should Complete This Activity

- System administrators
- Prepress operators

Why You Should Complete This Activity

Workflow templates:

- Allow you to link process steps and control steps together to define a workflow.
- Provide process consistency by minimizing manual effort, reducing errors, and increasing efficiency.
- Increase productivity by providing an easy way to check processing status and track input and output files.

Recommended Reading

- *Prinergy Evo Quick Reference Card 2*

Time to Complete This Activity

Approximately 30 minutes

Note: This activity consists of four parts and each part is dependent on the previous part. It is important that you complete them in order, but you are not required to complete all parts in one working session.

Activity 31 Create a Workflow Template and Submit Files to Workflows

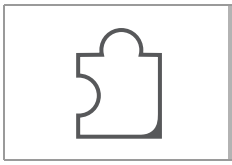
What You'll Learn

- How to create a workflow template that can be used to run multiple jobs with different sets of input files sat the same time
- How to use a workflow template to run and monitor more than one workflow

What You'll Need

For this practice activity, you must have:

- An installed and configured Prinergy Evo system (version 4.0 or later), licensed to output from PDF
- The following task-oriented activities files on your shared volume server in the **Activity 31** data folder (copied from the Prinergy Evo Training DVD):
  - **ITP_Fat.ps**
  - **ACT_Fat.ps**
  - **ITP_fat.p0001a.pdf**



Activity: Apply What You Know

Part A

Create a WorkflowTemplate for Standard Prinergy Evo Workflow Configurations

Part B

Run and Monitor Workflow 1 and Workflow 2 Using the Same Workflow Template

Part C

Add an Updated Page to Workflow 1

Part D

Create an Imposition (Workflow 1)

Part A

Create a Workflow Template for Standard Prinergy Evo Workflow Configurations

Note: You must create and save the workflow template because other tasks in this activity require it.

You are going to create a workflow template that requires the following steps:

- Convert an input file to PDF
- Allow the operator to do color mapping (or another task) and refine the file again
- Output a virtual proof from refined pages and allow the operator to approve them before continuing
- Create a 4-up imposition (JDF) and automatically output a virtual proof from the imposition file

Step 1: Convert an input file to PDF

1. In the Prinergy Evo **Configure** menu, select **Workflow Templates**. Click **New**.

   The Workflow Template Editor displays the assembly pane on the left, the control steps on the upper right, and the **Process Template** pane on the lower right.

2. From the **Process Template** pane (on the right), open the **Installation Test Procedure** folder inside **Factory Templates**, and drag the **Refine toPDF-ITP** process template to the assembly pane (on the left).

   Prinergy Evo automatically positions the process template icon on the first cell.

   Tip: To delete a process step, select it, and click **Delete**.

Step 2: Allow the operator to do color mapping, then refine again

3. From the list of **Installation Test Procedure** process templates, drag another **Refine toPDF-ITP** process template to the assembly pane.

   The process step icon appears in the horizontal position, next to the first refine. The second refine will occur after the first refine.

4. To temporarily hold the files so that the operator can do color mapping, click the hand icon in the second refine.

   The hand icon is pointed up. The second refine will not execute until the operator manually releases the files.

Step 3: Output a virtual proof from refined pages

5. From the list of **Installation Test Procedure** process templates, drag **OutputPDF-VPS-ITP** to the assembly pane.

   The hand icon is pointed to the right, Prinergy Evo will automatically output virtual proofs after the second refine.

Step 4: Allow the operator to approve virtual proofs, and create a 4-up imposition (JDF)

6. From the list of **Installation Test Procedure** process templates, drag **Impose-4up-ITP** to the assembly pane.

   The process step icon appears in the vertical position, below the virtual proof processing step. The hand icon is pointed to the right, Prinergy Evo will create the imposition at the same time it outputs virtual proofs.

7. To temporarily hold the files so that the operator can approve the virtual proofs (and optionally adjust the run list or signature list), click the hand icon that controls the Impose-4up-ITP step.

   The hand icon is pointed up. Prinergy Evo will not create the imposition until the operator manually releases the files.

Step 5: Output a virtual proof from imposition JDF file

8. From the list of **Installation Test Procedure** process templates, drag **OutputImposition-VPS-ITP** to the assembly pane.

   The hand icon is pointed to the right, Prinergy Evo will automatically output virtual proofs after it creates the 4-up imposition.

Save Your Workflow Template

9. From the **File** menu, click **Save Workflow Template**.
10. In the Save Template dialog box, click the **New Group** button.
11. In the New Template Group dialog box, type a name for the group that will contain your workflow template, and click **OK**.
12. In the **Save as** box, type a name for your workflow template.
13. Click **Save**.

    Your workflow template is saved and added to the **Template Browser**.
14. Close the Workflow Template Editor.

Part B

Run and Monitor Workflow 1 and Workflow 2 Using the Same Workflow Template

You will process two sets of input files using the workflow template that you created. Prinergy Evo will process each set of input files separately, and neither workflow will affect the other workflow.

Run Workflow 1

15. From the **Window** menu, select **Template Browser**, and open the group that contains your workflow template.

    Under **Type**, notice that your workflow template is classified as **Workflow**.
16. From the **Activity 31** data folder on your shared file server volume, drag **ITP_Fat.ps** to your workflow template in the **Template Browser**.

    The Process Start dialog box appears with the name of your workflow template and lists the input file **ITP_Fat.ps**.
17. Because you will be creating more than one workflow, you should give each workflow a name. In the **Name** box, type **Workflow 1**.
18. Click **Go**.
19. To watch Prinergy Evo process your file, from the **Window** menu, select **Process Viewer: View by Process**.

    Next, you will learn how to monitor the status of your job by your workflow.

Monitor Workflow 1

20. From the **View** menu, select **View by Workflow**.

    Workflow 1 appears in the Process Viewer: View by Workflow dialog box.
21. To display the status of the workflow, click the show workflow icon.

    A yellow check mark appears for several seconds, indicating that the first refine was successful but it contains warnings.

The upright hand is pointed up next to the second refine process step. Prinergy Evo is holding eight files and will not refine them until you release the files.

22. Double-click any process under **Workflow 1** to display the Workflow dialog box.

    Workflow 1 appears at the top of the Workflow dialog box.

    The Workflow dialog box shows all of the workflow icons and process steps that belong to your workflow.

    The waving hand indicates that Prinergy Evo is waiting for you to release the files. The two panes below show the input file and PDF files created by the first refine.

Release and Refine Three Files

23. Click the second refine process step.

    A blue square indicates which step you selected.

    The PDF files from the previous step appear in the **Input Files** pane of this step. They are ready to be released and refined again.

24. Select the first three files, and click the **Release** button  above the **Files Created** pane.

    The Release Elements dialog box displays the files.

    Remember, the workflow template is set up so that Prinergy Evo will automatically execute the next process step and output virtual proofs of the files after the second refine is complete.

    Note: You can change the color mapping settings now, but you will learn about Prinergy Evo dynamic settings in another activity.

25. To refine the files and output virtual proofs (.vps files), click **Go**.

    A green check mark appears for several seconds behind the virtual proofing process step. Prinergy Evo reports the status of the refined PDF files in the **Files Created** pane (at the lower right).

    Prinergy Evo waits for you to release the files again and impose the files. You will do this later in this activity.

Open and View Virtual Printing Files (Prinergy Virtual Proofing System software)

26. Click the **OutputPDF-VPS-ITP** process step.
27. In the **Created Files** pane, select the signature at the top of the list.
28. To view the signature in the Prinergy Virtual Proofing System software, click the **Open** button  above the **Input Files** pane.

    For more information about Prinergy Virtual Proofing System software, see the Prinergy Evo Help.

29. Quit the Prinergy Virtual Proofing System software.

Refine Remaining Files and Output Prinergy Virtual Proofing System software

30. Make sure the **Workflow** dialog box shows on your screen.

    A waving hand beside the second refine process step indicates that there are more PDF files to be released.

31. In the Workflow dialog box, select the second refine process step.
32. Select files **ITP_Fat.p0004.pdf** through **ITP_Fat.p0008.pdf**, and click **Release**  .
33. Click **Go**.

    A yellow check mark appears for several seconds, indicating that the first refine was successful but it contains warnings.

    A green check mark over the output to Prinergy Virtual Proofing System software process step (**OutputPDF-VPS-ITP**) indicates that Prinergy Evo successfully created the .vps files.

34. To view the list of signature files in the **Files Created** pane, click the **OutputPDF-VPS-ITP** process step.

    Later, you will finish processing the refined .pdf files using Workflow 1.

Run Workflow 2

You will process another input file using the same workflow template that you used to run Workflow 1.

35. From the **Activity 31** data folder on your shared file server volume, drag **ACT-Fat.ps** to your workflow template in the **Template Browser**.

    The Process Start dialog box appears.

36. In the **Name** box, type **Workflow 2**.
37. Click **Go**.

Monitor Workflow 2

38. To confirm that Prinergy Evo has started Workflow 2, from the **View** menu, select **Process Viewer: View by Workflow**.
39. Click the show workflow icon to view the process steps in Workflow 2.

    The process steps are the same as those in Workflow 1 because Prinergy Evo launched both workflows from the same workflow template.

40. Double-click any process step in Workflow 2 in the **Process Viewer** to display the Workflow dialog box.

    Workflow 2 appears at the top of the Workflow dialog box. Prinergy Evo has successfully refined the files and is waiting for you to release them.

Release and Second Refine All PDF Files (Workflow 2)

41. Click the second refine process step in the Workflow dialog box.

42. In the **Input Files** pane, select all **.pdf** files, and click **Release**  above the **Files Created** pane.

    Note: You can change the color mapping settings now, but you will learn about Prinergy Evo dynamic settings in another activity.

43. To refine the files and output virtual proofs (.vps files), click **Go**.

    Prinergy Evo processes the files, then waits for you to release the files and impose them. You will do this later in this activity.

Create a 4-up Imposition .JDF File and Output .VPS Files (Workflow 2)

44. Click the **Impose-4up-ITP** process step.
45. In the **Input Files** pane, select all **.pdf** files.
46. Click the **Release** button, and click **Go**.

    Prinergy Evo creates the **ACT_Fat.p0001_impo.jdf** file.

47. To view the list of imposed .vps files, click the **OutputImposition-VPS-ITP** process step.

    Processing by Workflow 2 is completed.

Part C

Add an Updated Page to Workflow 1

Imagine you have received an updated page that must replace **ITP_Fat.p0001.pdf**.

To add the page you must return to Workflow 1 and process it, then resume processing where you left off before starting Workflow 2.

48. To display the Workflow dialog box, from the **Window** menu, select **Process Viewer: View by Workflow.**
49. Double-click any process step in Workflow 1.

    Notice that Prinergy Evo is still waiting for you to release and impose the refined .pdf files.

50. From the **RefinedMasters** data folder (which is located one level up from the **Activity 31** folder) on your shared file server volume, drag **ITP_Fat.p0001.pdf** to any area in the Workflow dialog box for Workflow 1.

    Prinergy Evo starts with the first workflow step when processing added files.

    The **Add Files to Workflow** dialog box appears.

51. Click **Go**.

    The refined **ITP_Fat.p0001.new.pdf** file appears in the Files Created dialog box.

Re-refine the Added File (Workflow 1)

52. Select the second refine processing step.

Note: You can change the color mapping settings now, but you will learn about Prinergy Evo dynamic settings in another activity.

53. In the **Input Files** pane, select **ITP_Fat.p0001.new.pdf**, and click **Release**.

    A green check mark over the output to Prinergy Virtual Proofing System software process step (**OutputPDF-VPS-ITP**) indicates that Prinergy Evo successfully created the .vps files.

54. To confirm the signatures, click the **OutputPDF-VPS-ITP** processing step and open any signature in the **Files Created** pane.

Part D

Create an Imposition (Workflow 1)

55. Click the **Impose-4up-ITP** processing step.
56. In the **Input Files** pane, select all of the files except **ITP_Fat.p0001.new.pdf**.
57. Click **OK**.

    The animated cog behind the **Impose-4up-ITP** processing step indicates that Prinergy Evo is processing the files. A green check mark confirms the imposition (JDF) file and virtual proof were created successfully.

58. Select the **Impose-4up-ITP** processing step.

    Notice that the **ITP_Fat.p0001.new.new_impo.jdf** appears in the **Files Created** pane.

59. To view the imposed virtual proof in the **Files Created** pane, click the **OutputImposition-VPS-ITP** processing step.
60. Open any signature and click **Open**  .

    Processing for Workflow 1 is completed.

Activity Summary

You should be able to write here or discuss responses to the following:

1. With Prinergy Evo you can submit and process files using a template palette, the Template Browser, and now workflow templates. What advantage do workflow templates have over the other methods?

   _____

   _____

2. Which method do you think provides the most control and is least prone to manual errors?

   _____

   _____

3. Do you plan to use workflow templates, template palettes, or the Template Browser?

   _____

   _____

Personal Notes

ACTIVITY 32

Use Dynamic Settings to Reduce the Number of Process Templates

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Dynamic settings allow you to make process template settings changes on the fly before the process is executed. This gives you the flexibility to make processing decisions without the need to create a new process template.

Recommended Reading

- *Prinergy Evo Release Notes*
- Prinergy Evo Client Help: *Refine to PDF Options*
- Prinergy Evo Client Help: *Output from PDF Options*
- Prinergy Evo Client Help: *Output from Imposition Options*

Time to Complete This Activity

Approximately 15 minutes

Activity 32 Use Dynamic Settings to Reduce the Number of Process Templates

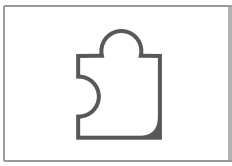
What You'll Learn

How making last-minute, temporary changes can reduce the total number of templates you need and increase your productivity.

What You'll Need

For this practice activity, you must have:

- An installed and configured Prinergy Evo system (version 3.0 or later)
- The following task-oriented activities files on your shared volume server in the **Activity 32** data folder (copied from the Prinergy Evo Training DVD):
  - **ITP_fat.p0001.pdf**
  - **ITP-4up.pjtf**



Activity: Apply What You Know

To avoid creating multiple nearly identical process templates, Prinergy Evo allows you to make last minute changes to frequently used settings before processing, such as screening settings.

Note: These changes are temporary and do not modify the underlying process template.

For this activity you will explore the temporary process template settings for:

- Refine to PDF
- Output from PDF
- Output from Imposition

You will make changes to process templates but processing is not required.

Dynamic Settings for Refine to PDF Process Templates

You will make some temporary changes to color, spot color mapping, and factory color library settings.

1. From the **Window** menu, select **Template Browser**.
2. Expand the **Refine to PDF - Factory** process group.
3. Drag **ITP_fat.p0001.pdf** from the **Activity 32** data folder to the **RefineToPDF** process template in the **Template Browser**.

   The **Settings** button in the Process Start dialog box allows you to make last-minute changes to the process template.
4. Click **Settings**.

   The Process Template Settings dialog box appears. It contains all the settings you can change.

Change the Color Settings (RefineToPDF Process Template)

5. To display the color settings, click **Color** in the left column.
6. Ensure that the **Enable spot color handling** is selected.

   This allows you to define spot colors or other spot color mapping parameters. For more information, see the Prinergy Evo Help.
7. In the **Spot color mapping** area (near the bottom of the dialog box), select **Secondary-Green**.
8. In the **Action** box, select **Convert to Process**.

   This setting appears in the **Action** column, opposite **Secondary-Green**.

9. In the **Spot color recipes** area, select **Lookup color in database**.

   Prinergy Evo looks in the Prinergy Evo color database for the color recipe of the colors defined in the input file.

10. In the **Factory** box, select **PANTONE LAB 1999**.

Optional: Change Other Settings (RefineToPDF Process Template)

11. You can change the **OPI** settings, **Font** settings, **Overprint** settings, and **Output** settings. For information on each setting, see the Prinergy Evo Help.

Cancel Your Changes to the RefineToPDF Process Template

Normally you would process the input file, and after processing, Prinergy Evo would abandon the temporary changes to the process template.

12. Click **Cancel**.
13. Close the Process Start dialog box.

Dynamic Settings for Output From Process Templates

You will make some temporary changes to the calibration settings and screening settings.

14. In the Template Browser, expand the **Installation Test Procedure** process group.
15. Drag **ITP_fat.p0001.pdf** from the **Activity 32** data folder to the **OutputPDF-VPS-ITP** process template in the **Template Browser**.
16. To display the Process Template Settings dialog box, click **Settings**.

Change Calibration Settings (OutputPDF-VPS-ITP Process Template)

17. To display the calibration settings, click **Calibration** in the left column.
18. Ensure **Per-job calibration** is selected.

    This applies the same curve or curve set to all separations in the process.

19. In the **Harmony curve** box, select **HP2500-coated CMYK Staccato35 600**.

    Prinergy Evo will apply this curve to the output.

20. Select **Per-color calibration**.

    Allows you to set a specific curve to each separation in the process.

21. In the **Color** column, select **Secondary-Green**.

    The Kodak Harmony® tonal calibration software curve for this color appears in the **Harmony curve** box.

22. In the **Harmony curve** box, select **Epson7500.glossy CMYK Staccato35 720**.
23. In the **Color** column, select **Magenta**.
24. In the **Harmony curve** box, select **Epson5000.coated CMYK Staccato35 720**.

Change the Screening Settings (OutputPDF-VPS-ITP Process Template)

25. In the **Screening** area, in the **Dot shape** box, select **Round-Square(Euclidean)**.
26. In the **Angles** area, select **Custom**, and select **Secondary-Green**.

    This allows you to change the screen angle for the selected color.
27. In the **Angle** box below, select **105**.

Optional: Change Other Settings (OutputPDF-VPS-ITP Process Template)

28. You can change the **Output** settings and **Color** settings. For more information on each setting, see the Prinergy Evo Help.

Cancel Your Changes to the OutputPDF-VPS-ITP Process Template

Normally you would process the input file, and after processing, Prinergy Evo would abandon the temporary changes to the process template.

29. Click **Cancel**.
30. Close the Process Start dialog box.

Dynamic Settings for Output From Imposition Process Templates

A Preps PJTF imposition file is available for output. You will make some temporary changes to the color settings for the front surface of the signature.

31. From the **Window** menu, select **Template Browser**.
32. Expand the **Installation Test Procedure** process group.
33. Drag **ITP-4up.pjtf** from the **Activity 32** data folder to the **OuputImposition-VPS-ITP** process template in the **Template Browser**.

    The Process Start dialog box appears. It lists the **ITP-4up.pjtf** file and the colored icons which indicate that the imposition consists of eight separations.
34. Click the **+** box to expand **ITP-4up.pjtf** to display **Signature 1**.
35. Expand **Signature 1**.

    The **Front** surface consists of eight separations, and the **Back** surface consists of only six separations.

    The check marks on the left indicate that Prinergy Evo will apply any changes you make to the signature or surface.

Change the Colors (OuputImposition-VPS-ITP Process Template)

36. Ensure that the **Front** surface check box is selected, then select the **Front** surface.
37. To display the Color Mapping dialog box, click **Color**.

    The **Action** for spot color **Creo Cyan** is **Leave untouched**.

    You will map **Creo Cyan** to a process color.
38. Select **Creo Cyan**.
39. In the **Action** drop-down list, select **cyan**

Cyan appears in the **Action** box and in the **Action** column above, opposite **Creo Cyan**.

40. Click **OK**.

Compare the Color Processing (OuputImposition-VPS-ITP Process Template)

41. In the Process Start dialog box, select the **Back** surface.
42. Click **Colors** to display the Color Mapping dialog box.

    The **Action** for spot color **Creo Cyan** is **Do not output**. Prinergy Evo will not output this color during processing.

    As you can see, mapping colors on the **front** surface does not affect color mapping on the **back** surface of the signature.

43. Click **OK**.

Optional: Change the Other Settings (OuputImposition-VPS-ITP Process Template)

44. To change other settings, in the Process Start dialog box, click **Settings**.
45. You can change the **Colors** settings, **Calibration** settings, **Screening** settings, and **Output** settings. For information, see the Prinergy Evo Help.

Cancel Your Changes to the OuputImposition-VPS-ITP Process Template

Normally you would process the input file, and after processing, Prinergy Evo would abandon the temporary changes to the process template.

46. Click **Cancel**.
47. Close the Process Start dialog box.

Activity Summary

You should be able to write here or discuss responses to the following:

1. Do dynamic settings modify the underlying process template?

   _____

   _____

2. What are the advantages of using dynamic settings?

   _____

   _____

3. Which dynamic settings do you expect to use more often than other dynamic settings?

   _____

   _____

Personal Notes

ACTIVITY 33

Use Dynamic Settings to Build a Signature List for Create Imposition

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Dynamic settings allow you to select multiple signatures to create a multiple signature imposition.

Recommended Reading

- *Prinergy Evo Release Notes*
- Prinergy Evo Client Help: *About Creating Imposition Plans in Prinergy Evo*
- Prinergy Evo Client Help: *Output from Imposition Options*
- *Preps 5.0 User Guide* (731-00002A-Rev A)

Time to Complete This Activity

Approximately 15 minutes

Activity 33 Use Dynamic Settings to Build a Signature List for Create Imposition

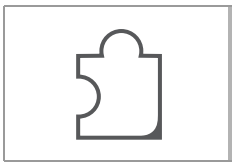
What You'll Learn

How to use dynamic settings to select multiple signatures to create a multiple signature imposition

What You'll Need

For this practice activity, you must have:

- An installed and configured Prinergy Evo system (version 3.0 or later), licensed to automatically create imposition files
- The following task-oriented activities files on your shared volume server in the **Activity 33** data folder (copied from the Prinergy Evo Training DVD):
  - **CreateImpo.tpl**
  - **36pgAuction_Evo.pdf**



Activity: Apply What You Know

You have a 36-page document that has been previously refined. For finishing you must use dynamic settings to create the following list of custom list of signatures:

- Signature 1: 8-page work & turn
- Signature 2: 8-page work & turn
- Signature 3: 4-page work & turn
- Signature 4: 16-sheetwise

Prinergy Evo will create a populated imposition JDF file using the Create Imposition feature which uses Preps templates.

More specifically, you will:

- Copy the Preps template to the folder where Prinergy Evo looks for Preps templates.
- Apply dynamic settings to an existing create imposition process template to build a signature list for creating impositions.
- Output virtual proofs from the imposition JDF and check the signatures.

Copy the Preps Template to Prinergy Evo Preps Folders

You must identify the location of Prinergy Evo's Prep Folders, and copy the Preps template to the appropriate folder.

1. In the **Process Viewer**, from the **System** menu, select **Preps Folders**.
2. In the Preps Folders dialog box, note the location of **Templates and Marks**, and close the dialog box.
3. Browse to the **CreateImpo.tpl** Preps template in the **Activity 33** data folder and copy it to the Prinergy Evo **Templates and Marks** folder.

Create an Imposition by Applying Dynamic Settings to an Existing Create Imposition Process Template

You will use a create imposition process template that is supplied with the Installation Test Procedure for Prinergy Evo.

Submit the PDF Input File Using the Template Browser

4. From the **Window** menu, select **Template Browser**.
5. Expand the **Installation Test Procedure** process group.
6. Drag **36pgAuction_Evo.pdf** from the **Activity 33** data folder to the **Impose-4up-ITP** process template in the **Template Browser**.

   The Process Start dialog box appears and lists the **36pgAuction_Evo.pdf** file.

7. In the **Job** box, type the name of the job, such as **Activity 33**.

Apply Dynamic Settings to the Impose-4up-ITP Create Process Template

8. In the Process Start dialog box, click the **Settings** button.

   The Process Template Settings dialog box appears.

9. In the **Imposition Planning** area, select **Custom**.

   Custom allows you to build the signature list. Prinergy Evo will choose the signatures for you if **Auto select** is selected.

10. From the **Binding style** list, select **Saddle stitched**.

    The type of binding that you select determines which Preps templates you can select in the **Templates** list.

11. In the **Templates** list, expand the list of signatures for the **CreateImpo** template.

    Prinergy Evo displays the 16-page Sheetwise signature, the 8-page Work & Turn signature, and the 4-page Work & Turn signature.

    To accommodate all 36 pages of the job, finishing requires four signatures in the following order:

    - Signature 1: 8-page work & turn
    - Signature 2: 8-page work & turn
    - Signature 3: 4-page work & turn
    - Signature 4: 16-page sheetwise

12. To build the signature list:

    - Select **Evo 8pp Work & Turn**, and click the **Add** button.

      Prinergy Evo adds signature 1 to the list area below and displays a page number (for example, 1), which is the first page of the run list to which the signature is applied.

    - Again, select **Evo 8pp Work & Turn**, and click the **Add** button.

      The page number is 9, which is the ninth page of the run list to which signature 2 is applied.

    - Select **Evo 4pp Work & Turn**, and click the **Add** button.
    - Select **Evo 16pp Sheetwise**, and click the **Add** button.

    The signature run list for all 36 pages is completed.

13. Click **OK.**

Create a Populated Imposition JDF File

14. To create the JDF file, click **GO** in the Process Start dialog box.

    Prinergy Evo puts the JDF file in the **Impositions** folder, which is in the same folder as the first input file (or in the folder specified in the process template).

    Prinergy Evo also creates a new folder called **JDFMarksFlats**. This folder contains the marks specified on the Preps template that is selected in the create imposition process template.

Submit the JDF File to Output From the Imposition Process Template

You will use an output from imposition process template that is supplied with the Installation Test Procedure for Prinergy Evo.

15. If necessary, from the **Window** menu, select **Template Browser**.
16. Expand the **Installation Test Procedure** process group.
17. Drag **36pgAuction_Evo.jdf** from the **Imposition** folder to the **OutputImposition-VPS-ITP** process template in the **Template Browser**.

    The Process Start dialog box appears and lists the **36pgAuction_Evo.jdf** file.
18. In the **Job** box, type the name of the job, such as **Activity 33**.

Apply Dynamic Settings to OutputImposition-VPS-ITP Output From the Imposition Process Template

You will specify the file delivery location for the virtual proof .vps files.

19. In the Process Start dialog box, click the **Settings** button.

    The Process Template Settings dialog box appears.
20. Select **Output** in left-hand column
21. Select **Send processed files here**, and type **.\VPS**

    Prinergy Evo will automatically output the Prinergy Virtual Proofing System software .vps files to the **VPS** folder, which is located in the same folder as the first input file. If the **VPS** folder does not exist, Prinergy Evo will create it.
22. Click **OK**, and click **Go**.

Monitor the Process in the Process Viewer

23. From the **Window** menu, select **Process Viewer: View by Process**.

    Prinergy Evo processes the JDF file and outputs the .vps files.

View .VPS Files

24. Start the Prinergy Virtual Proofing System software.
25. In the **VPS** folder (in the Activity 33 data folder) on which you saved the output files, open all of the **.vps** files in the Prinergy Virtual Proofing System software.

In the Prinergy Virtual Proofing System software, you can select each signature and check the front-to-back alignment and backup.

For information about the Prinergy Virtual Proofing System software, see the Prinergy Evo Help.

Activity Summary

You should be able to write here or discuss responses to the following:

1. What are the advantages of using dynamic settings rather than Autoselect to build the signature list?

   _____

   _____

Personal Notes

ACTIVITY 34 Output a Single PostScript Flat

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

Ouput a single PostScript flat and save time without refining to PDF first.

Recommended Reading

- *Prinergy Evo Release Notes*
- Prinergy Evo Client Help: *Output from PostScript process template*

Time to Complete This Activity

Approximately 10 minutes

Activity 34 Output a Single PostScript Flat

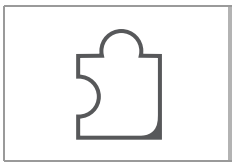
What You'll Learn

How to configure an output process plan to output a single PostScript flat without refining to PDF first

What You'll Need

For this practice activity, you must have:

- An installed and configured Prinergy Evo system (version 3.0 or later)
- A license for Output from Postscript
- The following task-oriented activities file on your shared volume server in the **Activity 34** data folder (copied from the Prinergy Evo Training DVD):
  - **ReportPage.ps**



Activity: Apply What You Know

You will create an output from PostScript process template to create a virtual proof, and configure the ouput device, file delivery location, media, and layout placement. You will then input a press-ready PostScript file and output a PostScript flat to the Prinergy Virtual Proofing System software.

Create an Output from PostScript Process Template

1. Start the **Prinergy Evo Process Template Editor**.
2. In the **Process Template Editor**, from the **File** menu, select **New Output from PostScript Template**.

Configure the Output Device

3. In the new process template, in the **Output To** list, select **Virtual Proof**.

Configure the Processed File Location

4. Expand the **File Delivery** area of the process template.
5. In the **Processed File Location** area, select **Send Processed Files to**, then type: **.\VPS**.

   Prinergy Evo will automatically output the virtual printing .vps files to the **VPS** folder, which is located in the same folder as the first input file. If the **VPS** folder does not exist, Prinergy Evo will create it.

Define the Media

6. Expand the **Layout** area of the process template.
7. In the **Size** area, select **Cut sheet**.
8. In the **Max Width** box, type **25** (inches).
9. In the **Max Height** box, type **20** (inches).

Configure the Layout Placement

10. In the **Layout** area, in the **Placement** area, select **Center Horizontally**.

    This centers the layout along the horizontal axis of the media.

11. In the [**Shift**] **Along Height**, type **1** (inch).

    This shifts the layout from the bottom edge of the media along the vertical axis.

Optional: Configure Other Settings

You can optionally configure other settings for the output from Postscript process template. For example, Prinergy Evo can create Print Production Format (PPF) files and ink reports.

The output PostScript process template does not allow you to color manage.

Save Your Process Template

12. From the **File** menu, select **Save**.
13. In the **Name** box, type **OutputPostScript-VPS**.
14. Click **Create Process Template**.

Submit the PostScript Input File Using the Template Browser

15. From the **Window** menu, select **Template Browser**.

    The  icon beside **OutputPostScript-VPS** indicates that this process template will process PostScript files.

16. Drag **ReportPage.ps** from the **Activity 34** data folder to the **OutputPostScript-VPS** process template in the **Template Browser**.
17. In the Process Start dialog box, in the **Job** box, type the name of the job, such as **Activity 34**.
18. Click **Go**.

Monitor the Process in the Process Viewer

19. From the **Window** menu, select **Process Viewer: View by Process**.

    Prinergy Evo processes the PostScript file and outputs the .vps files.

View the .VPS Files

20. Start the Prinergy Virtual Proofing System software.
21. In the **VPS** folder where you saved your output files, open all of the **.vps** files that you want to preview in the Prinergy Virtual Proofing System software.

    For information about the Prinergy Virtual Proofing System software, see the Prinergy Evo Help.

Activity Summary

1. PostScript files must be refined in order to output PostScript flats, pages, and separations directly. True or False?

   _____

   _____

2. The Output from PostScript process template does not allow you to color manage. True or False?

   _____

   _____

Personal Notes

ACTIVITY 35

Remake a Plate Using Plate ID

Who Should Complete This Activity

- Prepress operators

Why You Should Complete This Activity

Remake plates in less time and increase productivity.

Recommended Reading

- *Prinergy Evo Release Notes*
- Prinergy Evo Client Help: *Remaking Elements*
- Prinergy Evo Client Help: *Remaking a Plate, Film, or Proof*

Time to Complete This Activity

Approximately 10 minutes

Activity 35 Remake a Plate Using Plate ID

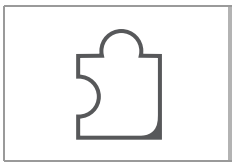
What You'll Learn

- How to create a process template that can remake a plate using the plate ID
- How to submit an input file, enter a plate ID, and remake a plate

What You'll Need

For this practice activity, you must have:

- An installed and configured Prinergy Evo system (version 3.0 or later)
- A license for Process Remake
- The following task-oriented activities file on your shared volume server in the **Activity 35** data folder (copied from the Prinergy Evo Training DVD):
  - **Activity35.pjtf** (includes a plate ID)



Activity: Apply What You Know

Normally, you must locate the file that you want to remake and resubmit it for processing. Now you can enter the Plate ID and Prinergy Evo will automatically find the matching file and process it using the same process settings.

For this activity you will:

- Create an output from imposition process template that allows process remakes and outputs virtual proofs.
- Submit an imposition PJTF file to the process template.
- Confirm the Plate ID in the imposed proof in Prinergy Virtual Proofing System software.
- Resubmit a separation and remake the file using the Plate ID and reconfirm in Prinergy Virtual Proofing System software.

Create an Output From Imposition Process Template

The new process template will be based on the existing OutputImposition-VPS-Factory process template.

1. From the **Configure** menu, select **Process Templates**.
2. Expand the **Factory Templates\Output from Imposition** process group.
3. Double-click the **Output from Imposition-VPS-Factory** process template.

   Virtual Proof is the default setting in the **Output To** box. This process template is configured to output to Prinergy Virtual Proofing System software.

Configure the Device to Enable Remakes

4. Expand the **Device** area of the process template.
5. Select the **Copy Input Files and Enable Process Remake** check box.

Configure the Processed File Location

6. Expand the **File Delivery** area of the process template.
7. In the **Processed File Location** area, select **Send Processed Files to**, and type **.\VPS**

   Prinergy Evo will automatically output the Prinergy Virtual Proofing System software .vps files to the **VPS** folder, which is located in the same folder as the first input file. If the **VPS** folder does not exist, Prinergy Evo will create it.

Save Your Process Template

8. From the **File** menu, select **Save As**.

9. Locate the **Process Templates** folder (up two levels). In the **Name** box, type **OutputImposition-VPS-Remake**.
10. Click **Create Process Template**.

Submit the Imposition PJTF File to the OutputImposition-VPS-Remake Process Template

11. From the **Window** menu, select **Template Browser**.
12. Drag **Activity35.pjtf** from the **Activity 35** data folder to the **OutputImposition-VPS-Remake** process template in the **Template Browser**.
13. In the Process Start dialog box, in the **Job** box, type the name of the job such as **Activity 35**.
14. Click **Go**.

Monitor the Process in the Process Viewer

15. From the **Window** menu, select **Process Viewer: View by Process**.

    Prinergy Evo processes the **Activity35.pjtf** file and outputs **.vps** files.

View .VPS File

16. Start the Prinergy Virtual Proofing System software.
17. In the **VPS** folder where you saved the output files, open the black separation file, such as **Activ.Activity35.1A.K.vps**.

    Plate ID 0000-013C appears beside **Signature 1**. Note that a unique plate ID is generated each time. The plate ID is of the form ####-####.

    For information about the Prinergy Virtual Proofing System software, see the Prinergy Evo Help.

Prepare to Remake the Separation

18. To avoid confusion with the new output, delete all **.vps** files in the **VPS** folder for Activity 35.

Remake the Separation

19. From the **Edit** menu, select **Remake Separation by ID**.

    The Remake by Separation ID dialog appears.
20. In the **Enter Separation ID** box, type **0000-013C**.
21. Click **Remake**.

Monitor the Process in the Process Viewer

22. From the **Window** menu, select **Process Viewer: View by Process**.

    Prinergy Evo processes the **Activity35.pjtf** file, remakes the black separation, and outputs the **.vps** file.

View the Remake of Black Separation

23. If necessary, start the **Virtual Proofing System** software.
24. In the **VPS** folder where you saved your output files, open the black separation file **Activ.Activity35.1A.K.vps**.

    Confirm Plate **ID 0000-013C** on **Signature 1**.

    For information about the Prinergy Virtual Proofing System software, see the Prinergy Evo Help.

Activity Summary

1. Which section of the Output from Imposition process template contains the setting Copy Input Files and Enable Process Remake?

   _____

   _____

2. Plate ID is dynamic and changes each time the file is output. True or False?

   _____

   _____

3. Remake Separation by ID is available from which menu?

   _____

   _____

Personal Notes

ACTIVITY 36

Use TIFF Downloader to Output 1-bit Prescreened (Halftone) TIFF Files

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

The New Output from TIFF Template allows you to output 1-bit TIFF files.

Recommended Reading

- *Prinergy Evo Release Notes*
- Prinergy Evo Client Help: *What is an Output from TIFF process template?*
- Prinergy Evo Client Help: *Output from TIFF process template Options*
- Prinergy Evo Client Help: *Processing 1-Bit TIFF Files Directly to Plate or Spectrum*

Time to Complete This Activity

Approximately 10 minutes

Activity 36 Use TIFF Downloader to Output 1-bit Prescreened (Halftone) TIFF Files

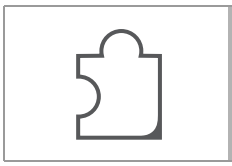
What You'll Learn

How to configure an Output from TIFF process template to output 1-bit prescreened (halftone) TIFF files from 1-bit prescreened TIFF input files

What You'll Need

For this practice activity, you must have:

- An installed and configured Prinergy Evo system (version 3.0 or later)
- A license for Output From TIFF
- Task-Oriented Activities 1-bit .TIF files on your shared volume server in the **Activity 36** data folder (copied from the Prinergy Evo Training DVD)



Activity: Apply What You Know

Given a prescreened 1-bit TIFF file, you want to output a 1-bit prescreened (halftone) TIFF file and image it directly on plate.

Note: Because it may not be possible to output to plate, you will output to the Prinergy Virtual Proofing System software.

For this activity you will:

- Create an Output from TIFF process group.
- Create and configure a New Output from TIFF process template that outputs 1-bit prescreened (halftone) TIFF files and outputs virtual proofs.
- Submit prescreened 1-bit TIFF files to the Output from TIFF process template.
- Confirm the output in Prinergy Virtual Proofing System software.

Create an Output From TIFF Process Template Group

1. From the **Configure** menu, click **Launch Process Template Editor**.
2. Select **Process Templates**.

   The new process template group will go in this folder.
3. From the **File** menu, select **New Process Template Group**.
4. In the **New Group** box, type **Output from TIFF**.

Create a New Output From TIFF Process Template

5. Select the **Output from TIFF** process template group.
6. From the **Process Template Editor** menu, select the **File** menu, and select **New Output from TIFF Template**.

   The Output from TIFF dialog box appears.
7. In the **Output To** box, select **Virtual Proof**.

   Prinergy Evo will output .vps files to the file location specified in the **Output File Delivery** area (see step 12).
8. Expand the **Layout** area.
9. In the **Placement** area, select **Center Horizontally**.

Optional: Compensate for Press Distortion

The **Scaling** section of the **Layout** area includes the licensed **Use Web Grow Profile, if Available** feature. Web growth compensates for press distortion, and several web growth profiles are located in the **PrinergyEvoConfig** folder.

For information, see the Prinergy Evo Help *Tell Me More About Web Growth* topic.

10. Close the **Layout** area.

Optional: Create Ink Key Files for the Job

PrintLink is a licensed feature that creates a report of the area of ink coverage and the percentage of the plate covered. The information is more accurate than scanning; makeready is faster and there is less waste.

Ink report .ppf files can be generated without printing to plate.

For information, see the Prinergy Evo Help *Tell Me More About PrintLink* topic.

Warning: If PrintLink is not licensed on your system, *do not* select the **PrintLink** check box. If you do, you will experience technical problems during processing.

Configure the Processed File Location for .VPS Files

11. Expand the **File Delivery** area of the process template.
12. In the **Processed Files Location** area, select the **Send Processed Files to** check box.
13. In the **Device Path** box, type **.\VPS**.

    Prinergy Evo will automatically output the Prinergy Virtual Proofing System software .vps files to the **VPS** folder, which is located in the same folder as the first input file. If the **VPS** folder does not exist, Prinergy Evo will create it.

Save Your Process Template

14. From the **File** menu, select **Save**.
15. In the **Name** box, type **OutputFromTIFF-VPS**.
16. Click **Create Process Template**.

    Prinergy Evo stores the process template in the **Output from TIFF** process group.
17. Close the **Process Template Editor**.

Submit TIFF Files to the OutputFromTIFF-VPS Process Template

18. From the **Window** menu, select **Template Browser**.
19. Expand the **Output from TIFF** process group.
20. Drag all **Print '05 .tif** files from the **Activity 36** data folder to the **OutputFromTIFF-VPS** process template in the **Template Browser**.

21. In the Process Start dialog box, in the **Job** box, type the name of the job, such as **Activity 36**.
22. Click **Go**.

Monitor the Process in the Process Viewer

23. From the **Window** menu, select **Process Viewer: View by Process**.

    Prinergy Evo processes the .tif files and outputs .vps files.

View .VPS Files

24. Start the Prinergy Virtual Proofing System software.
25. In the **VPS** folder (in the **Activity 36** data folder) where you saved the output files, open all of the **.vps** files in the Prinergy Virtual Proofing System software.

    For information about the Prinergy Virtual Proofing System software, see the Prinergy Evo Help.

Personal Notes

ACTIVITY 37

Transparency Handling in Refine

Who Should Complete This Activity

- Prepress operators
- System administrators

Why You Should Complete This Activity

This activity introduces you to new controls for handling PDF 1.4+ features in Prinergy Evo 4.0. Prinergy Evo 4.0 allows the processing of PDF files without the requirement that PDF files be flattened. This activity shows how to configure a refine process template to preserve PDF 1.4+ features such as transparency and layers.

Refine process templates can be configured to flatten PDF files or to preserve PDF 1.4+ features.

Recommended Reading

- Prinergy Evo Help: *About Transparency Support in Prinergy Evo*
- *www.adobe.com: Transparency in Adobe Applications: A Print Production Guide*

Time to Complete This Activity

Approximately 10 minutes

Activity 37 Transparency Handling in Refine

What You'll Learn

You will learn how to configure a refine process template to preserve PDF 1.4+ features such as transparency and layers. You will see how not flattening affects the Refined PDF Master file.

What You'll Do

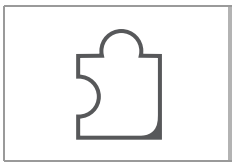
1. Submit a file with transparency to a stock factory process template set to flatten.
2. View the refined page in Acrobat with Overprint Preview disabled.
3. Modify the stock refine PT from step 1 so that it does not flatten PDF 1.4+.
4. View the refine page in Acrobat with Overprint Preview disabled to see the difference.

What You'll Need

For this practice activity, you must:

- Open the shared JobData volume on the Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 37** folder
- Locate **DropShadowSpotFile.pdf**

! **Important:** Complete Preparing for Task Oriented Activities on page 1 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.



Activity: Apply What You Know

Modify the factory process template to flatten PDF 1.4 or higher:

1. Start the Prinergy Evo Client and connect to your server.
2. Start the Process Template Editor: in the Prinergy Evo Client, select **Configure**.
3. Open the Refine to PDF - Factory process template from the Factory Process Templates -> Refine to PDF group.
4. Expand the **Normalize** pane of the process template.
5. Under **PDF Level Handling**, set PDF 1.4 - 1.6 (Acrobat 7) to **Flatten to PDF 1.3**
6. **Select File >Save As** to save the process template with a new name in a location outside the Factory process templates group.
7. Close the process template.

Submit the transparency file to the process template you created:

1. Locate the unrefined **DropShadowSpotFile.pdf** in the **Task Oriented Activities\Activity 37** folder within your JobData share.
2. Open the Template Browser, and locate the process template you created.
3. Drag **DropShadowSpotFile.pdf** to the new process template to open the Process Start window.
4. Click the **Settings** button and select **Output**.
5. Set the output path in Output to **.\Flattened\.**
6. Click **OK** to apply your settings change.
7. Click **Go** to begin processing.

View the flattened Refined PDF Master in Acrobat

1. Locate the **Flattened** folder and double-click **DropShadowSpotFile.pdf** to open it in Acrobat.
2. Under the **Advanced** menu in Acrobat disable **Overprint Preview.**
3. Examine the area around the drop shadow that appears over the spot color at the bottom of the layout. A white box should be visible around the drop shadow. This is due the drop shadow being converted to non-transparent raster during the flattening process.
4. In Acrobat, close the PDF.

Submit the transparency file to the factory Refine process template

1. In Template Browser, open the Refine to PDF group within the Factory process templates group so you can see Refine to PDF - Factory.
2. locate **DropShadowSpotFile.pdf** in the **Task Oriented Activities\Activity 37** folder within your JobData share (that is, the original non-flattened file).
3. Drag **DropShadowSpotFile.pdf** to Refine to PDF - Factory. The Process Start window opens.
4. Click the **Settings** button and select **Output**.
5. Set the output path in **File Delivery** to **.\As-is**
6. Click **OK** and then click **Go**.

View the Unflattened Refined PDF Master in Acrobat:

1. locate the **\As-is** folder and open **DropShadowSpotFile.pdf** in Acrobat.
2. Under the **Advanced** menu in Acrobat disable **Overprint Preview**.
3. Examine the area around the drop shadow that appears over the spot color at the bottom of the layout. In contrast to the flattened version you will not see a white box around the drop shadow with Overprint Preview disabled. This is because the transparent objects were preserved and not converted to raster.
4. In Acrobat, close the PDF.

Activity Summary

You created a refine process template that preserved PDF 1.4+ features and you observed how it affected Refined PDF Masters.

Personal Notes

ACTIVITY 38

Transparency Handling with Trapping

Who Should Complete This Activity

- Prepress operators working with systems licensed for Trapping
- System administrators working with systems licensed for Trapping

Why You Should Complete This Activity

Prinergy Evo 4.0 allows the processing of PDF files without the requirement that PDF files be flattened. This activity shows how to configure a refine process template to preserve PDF 1.4+ features such as transparency and focuses on the implications of preserving transparency with respect to trapping.

Recommended Reading

- Prinergy Evo Help: *About Transparency Support in Prinergy Evo*
- *www.adobe.com: Transparency in Adobe Applications: A Print Production Guide*

Time to Complete This Activity

Approximately 15 minutes

Activity 38 Transparency Handling with Trapping

What You'll Learn

You will learn how to configure a refine process template to preserve PDF 1.4+ features and how not flattening affects the traps within the Refined PDF Master file.

What You'll Do

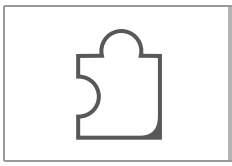
1. Submit a file containing transparency to two process templates, both of which are set to trap. One process template will flatten (that is, will remove transparency) and one will not flatten (that is, will preserve transparency).
2. View the resulting trapped PDF Master files in Acrobat.

What You'll Need

For this practice activity, you must:

- Open the shared JobData volume on the Prinergy Evo Server
- Open the **Task Oriented Activities\Activity 38** folder
- Locate the **Annual Report.pdf** file

! **Important:** Complete Preparing for Task Oriented Activities on page 1 of this guide prior to completing any activities. This describes how to copy all activity practice files to your system.



Activity: Apply What You Know

Create two process templates to show the effect of transparency handling on trapping:

1. Start the Prinergy Evo Client and connect to the Prinergy Evo server.
2. Start the Process Template Editor from the Prinergy Evo Client.
3. Locate the process template Refine to PDF - Factory from the Factory Process Templates -> Refine to PDF group. Double-click it.
4. Expand the **Normalize** pane and set **PDF Level Handling** to **Flatten to PDF 1.3**" Contract the **Normalize** pane.
5. Select the **Trapping** check box.
6. In the **File Delivery** pane, set an output location of **.\TrapFlat\.**
7. Save the modified process template with a new name (for example, **Refine-TrapFlatten**). Keep the process template open; you will edit it to make the second process template.
8. Expand the **Normalize** pane and set **PDF Level Handling -> PDF 1.4 - 1.6 (Acrobat 7)** to **Leave as is.**
9. Under the **File Delivery** pane set an output location of **.\TrapAsIs\.**
10. Save the modified process template with a new name (for example, **Refine-TrapPreserve**).
11. Close the process template.

Submit a transparency file to both process templates and view the differences in Acrobat:

1. Open the Template Browser in the Prinergy Evo Client.
2. Locate **Annual Report.pdf** in **Task Oriented Activities\Activity 38** folder in your JobData share.
3. Drag **Annual Report.pdf** to the first process template and click **Go**.
4. Drag **Annual Report.pdf** to the second process template and click **Go**.
5. Open the two refined PDFs from the **.\TrapFlat** and **.\TrapAsIs** folders.
6. Start the TrapViewer or TrapEditor plug-in in Acrobat (depending on what is licensed on your server) and compare the traps between the two PDFs. You should see in the **TrapAsIs** file that traps appear between the vertical color fields, while in the **TrapFlat** file the vertical color fields are not trapped.

Activity Summary

You saw how flattening vs. preserving transparency affected the way pages were trapped.

Personal Notes

ACTIVITY 39

Import and Export Templates

Who Should Complete This Activity

- System administrators
- Prepress operators

Why You Should Complete This Activity

Knowing how to import and export templates will enable you to back up and maintain templates without stopping Prinergy Evo. The import and export functions described in this chapter do not offer as comprehensive a backup solution as the Save/Restore Configuration procedure, but they help to ensure that comparable Evo systems may perform the same operations. Support personnel may require process and workflow templates to reproduce or duplicate operating conditions. Understanding how to export process templates while Prinergy Evo is running could expedite support assistance.

Recommended Reading

- Prinergy Evo Client Help: *Export process templates, Importing process templates*
- Prinergy Evo Administrator Help: *Exporting Multiple Process and Workflow Templates, Importing Multiple Process and Workflow Templates*.

Time to Complete This Activity

Approximately 30 minutes

Activity 39 Import and Export Templates

What You'll Learn

You will learn how to import and export process templates and workflow templates using Prinergy Evo Administrator and the Process Template Editor.

What You'll Do

1. Use Prinergy Evo Administrator to import process templates and workflow templates.
2. Use the Process Template Editor and the Prinergy Evo Client to examine templates. Use the Process Template Editor to export, then import, process templates.
3. Examine process templates and workflow templates using Windows.
4. Use Prinergy Evo Administrator to export process and workflow templates.

What You'll Need

For this activity, you must:

- Open the shared JobData volume on the Prinergy Evo Server.
- Locate the **Task Oriented Activities\Activity 39** folder.
- Copy the **Task Oriented Activities\Activity 39** folder to a location within the JobData volume on the Prinergy Evo server.

Activity: Apply What You Know

Import templates using Prinergy Administrator:

1. On the Prinergy Evo server, start Prinergy Evo Administrator.
2. Click the **Tools** tab.
3. Click **Manage Templates.**
4. Select **Import process and workflow templates** and click **Next**.
5. In the Import Prinergy Evo Templates window, click the **Browse** button.
6. Locate the **Activity 39** folder and click **OK**.
7. Click **Import Now**.
8. A warning message appears:

   ```
   The templates imported may not be usable because some of
   the dependent components such as Color Definitions, ICC and
   Preflight Profiles may not exist on the Prinergy Evo
   server. In addition, existing templates with conflicting
   names will be replaced. It is recommended to perform a full
   configuration backup and restore the image. Do you want to
   continue?
   ```

   This warning advises you that process templates may depend on or refer to other files: the Export/Import function neither exports these dependent files nor imports them. Only the Save / Restore procedure both saves and restores these extra files and dependencies. If you import process templates that are missing dependent components and you open those process templates with Process Template Editor (PTED), a warning message will advise you about the missing components.
9. Click the **Yes** button and import the templates. Importing templates may take a few minutes.
10. When you see the `Templates were imported successfully` message, click **OK**.

Examine the imported templates in Prinergy Evo, export them and import them using the Process Template Editor, then examine them in Windows:

Examine the templates from within Prinergy Evo

1. Open the Prinergy Evo Client and select **Configure > Process Templates**. The Process Template Editor opens.
2. Open the Activity 39 template group to examine its subgroups.
3. Open a few of the subgroups to see the templates within.
4. Switch focus to the Process Viewer window. Select **Configure > Workflow Templates**.

5. Within the Configure Workflow Templates dialog box, open the Activity 39 group and expand the Workflows sub-group to view the imported templates. Close the Configure Workflow Templates dialog box.

Export the templates using the Process Template Editor:

1. Switch focus back to the Process Template Editor and select the Activity 39 template group.
2. From the **File** menu, select **Export Process Template(s).**
3. In the Select Export Location dialog box:
   a. Locate where you would like to temporarily store your templates.
   b. Click **New Folder** and name it `Activity 39 Export`, then click **OK**.
   c. Click your new folder then click **Select**.
4. In the dialog box that opens, click **OK**.

Import process templates using the Process Template Editor:

1. In the Process Template Editor, select the Activity 39 template group.
2. From the **File** menu, select **Delete**.
3. In the dialog box that opens, confirm that you want to Delete.
4. Select the Process Template Group (the top level of all process template groups) and then select **File** > **New Process Template Group**. Name the new group `Imported`.
5. Click the Imported group to indicate that is where you want to import the templates.
6. From the **File** menu, select **Import Process Template(s).**
7. In the dialog box that opens, locate the **Activity 39 Export** folder. Using that same dialog box, go inside the Activity 39 Export folder. Select the icons representing all of the templates and groups within the Activity 39 Export folder, then click **Select**.
8. Click the button labeled **Import into group Imported**. Importing may take a minute.
9. In the dialog box informing you that the import was successful, click **OK.**
10. Open the Imported group and the Imposing group within Imported to verify that your templates were imported. (Note: some of the process templates have dependencies that will cause warning dialogs to appear if those templates are opened in PTED. This is expected behavior).
11. Change focus to the Prinergy Evo Client. Using the **Configure** menu item, select **Workflow Templates** and expand the Imported group to verify that the Workflow templates were successfully imported.

Examine the exported templates in Windows or Mac OS:

1. Use Windows Explorer or the Mac OS X Finder to browse to the location in the JobData share that contains the **Activity 39 Export** folder.
2. Note that, in the folders contained within, the names of the folders correspond to the names of the groups containing process templates and workflow templates. Process templates and workflow templates are fairly small files, suitable for compressing and sending via e-mail.

Export templates using Prinergy Evo Administrator

In this exercise you will export all process templates and workflow templates to some location using the Prinergy Evo Administrator.

1. Change focus to Prinergy Evo Administrator. Make sure that Prinergy Evo is running.
2. Click the **Tools** tab.
3. Click the **Manage Templates** button.
4. Select **Export process and workflow templates** and click **Next**.
5. In the Export Prinergy Evo Templates window, click **Browse**.
6. Locate where you want to save your templates and click **OK**.
7. Click **Export Now**.
8. When the `Templates were exported successfully` message appear, click **OK**.

Activity Summary

You are now able to:

- Import templates using Prinergy Evo Administrator.
- Export all or selected templates or template groups using Prinergy Evo Process Template Editor.
- Import selected templates or template groups using Prinergy Evo Process Template Editor.
- Export all templates using Prinergy Evo Administrator.

Personal Notes

ACTIVITY 40

Applying Plate and Print Calibration Curves

Who Should Complete This Activity

- System administrators
- Prepress operators who specify calibration curves for output

Why You Should Complete This Activity

In Prinergy Evo, *calibration* refers to the process of modifying the size of halftone dots to ensure that output has the intended tonal response. There are a number of reasons why you might choose to calibrate output.

- Offset printing introduces dot gain. Depending on paper stock, press conditions, and other factors, the size of halftone dots on plate must be reduced to allow for that fact that they will expand on the printed piece. The print curve is used to provide this functionality.
- Some output devices (for example, the Kodak Magnus™ 800 with Fiber Head platesetter) are inherently nonlinear and output must be adjusted, so that halftone dots produced on the plate are the size that was intended (for example, 50% in a desktop application is 50% on the plate) over the entire tonal range. The plate curve is used to make this adjustment, if required.
- Some high-energy plates are nonlinear and require adjustment to ensure that halftone dots on the plate are the size that was intended. The plate curve is used to make this adjustment. If you use multiple device types (for example, Quantum and Fiber Head) and multiple plate types, then you may require multiple plate curves.

Calibration is a complex subject and a full description is beyond the scope of this activity. Consult the *Harmony User Guide* for a detailed description of how to set up calibration curves for a Prinergy Evo workflow.

Recommended Reading

- *Prinergy Evo Release Notes*
- Prinergy Evo Client Help: *Output from Imposition: Calibration and Screening*
- Prinergy Evo Client Help: *Plate curves, print curves*
- Virtual Proofing System Help: *Densitometer Tool*
- *Harmony User Guide*

Time to Complete This Activity

Approximately 30 minutes

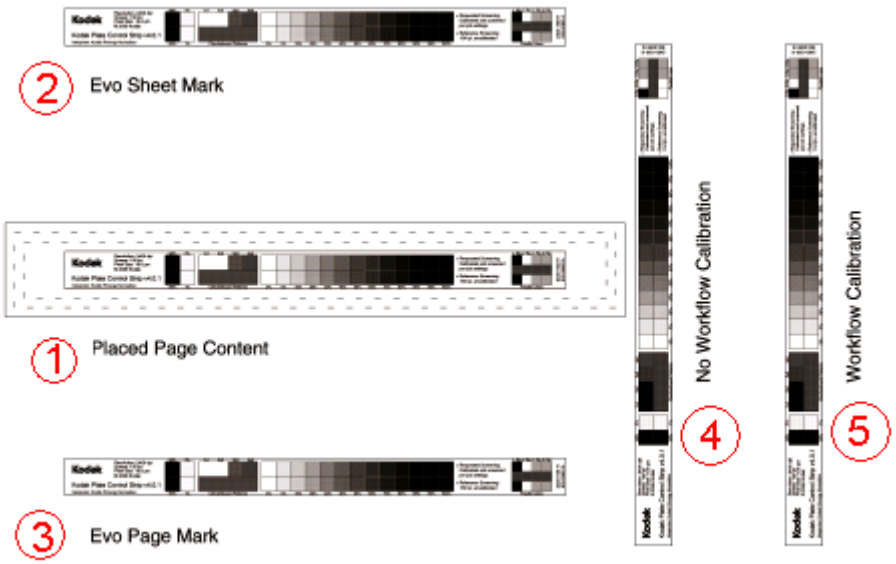
Activity 40 Applying Plate and Press Calibration Curves

What You'll Learn

The activity files provided for this exercise demonstrate five different combinations of plate curves and print curves. While other combinations are possible, the combinations chosen demonstrate the interaction between the two types of curves. For example, press marks may be calibrated independently from page content, they may be calibrated with the same curve that calibrates page content, or both press marks and page content may be calibrated with print curves and page curves multiplied together.

What You'll Do

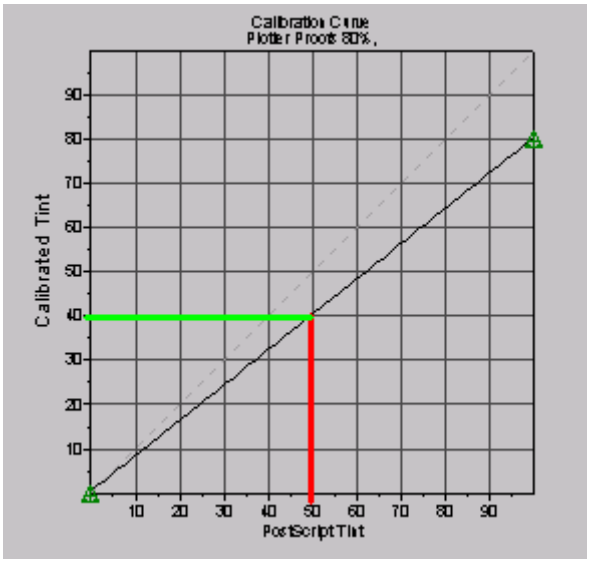
You will run a job through a Prinergy Evo workflow and produce five sets of Virtual Proofing System files. You will then use the Virtual Proofing System Densitometer tool to see how calibration curves have been applied to output. In order to have a consistent and easily measured target, this job will use the Kodak Plate Control Strip (KPCS) both as page content and as a mark.



1. Placed Page Content - The KPCS was placed in a run list in Preps as if it were a page to be printed.
2. Evo Sheet Mark - The KPCS was placed in Prinergy Evo using the Sheet Mark option in an Output from Imposition process template.
3. Evo Page Mark - The KPCS was placed in Prinergy Evo using the Page Mark option in an Output from Imposition process template.

4. No Workflow Calibration - The KPCS was placed in a Preps template as a Smart Mark and flagged to not have workflow calibration applied to it.
5. Workflow Calibration - The KPCS was placed in a Preps template as a Smart Mark and flagged in Preps to have workflow calibration applied to it.

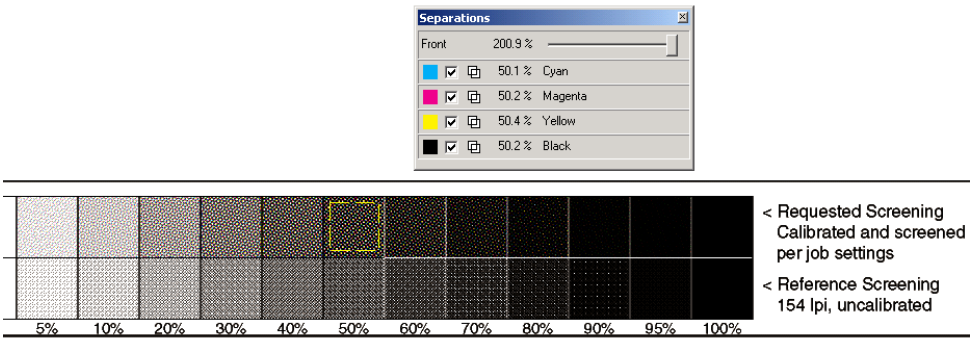
In this exercise, it is important to be able to determine whether the plate and print curves have been applied correctly. The job uses two curves that make it easy to distinguish which curve or curves have been applied to each control strip. Each of these curves is a linear cutback curve where every output value is multiplied by the same value. This is not intended to represent real-world plate or print curves.



This image represents the Harmony curve named Plotter Proof 80%. It cuts back every tint to 80% of its nominal value. The red line represents a nominal 50% tint. The green line illustrates that it will be output at 40% (0.80 x 0.50). This curve is used as the print curve in the exercise job. The plate curve used is a linear cutback to 60% of the nominal value. In that case, 50% will be output as 30% (0.60 x 0.50).

Prinergy Evo applies the two curves by multiplying them together. For example, if you apply both of the above curves to a nominal 50% output, it will actually be output as 24% (0.60 x 0.80 x 0.50). In the exercise, you will find that the 50% swatches on the control strip output at 50%, 40%, 30% or 24% depending on the combination of curves applied in the particular example and which curves are applied to that specific control strip.

To determine the actual output values, you will use the Densitometer tool in Kodak Virtual Proofing System 3.0 (or later).



The Densitometer tool looks like an eyedropper in the toolbar. You will use it to select the area you want to measure as shown by the yellow square above. If you include parts of multiple swatches, the Densitometer tool will calculate the overall tint within the selection.

For this exercise, be sure that your entire selection is inside the upper 50% swatch on each control strip. The descriptions in the exercise tell you what values to expect for the 50% tint patch on each control strip.

What You'll Need

For this practice activity, you must:

- Have Prinergy Evo 4.0 or later installed on your server.
- Copy the **Activity 40** folder to the **JobData** folder on your Prinergy Evo server.
- Import the **Activity 40** process and workflow templates from the DVD to your Prinergy Evo system (see Activity 39).
- Copy the folder **Kodak Plate Control Strip** from the **Activity 40 Support** folder into the folder **MarkSets** within the PgyEvoConfig share on your Prinergy Evo system.
- Install into Harmony the calibration curves within the **Linear Cut Back Plotter Proofs.hmy** database, found in the **\Activity 40 Support\Harmony Curves** folder, then restart Prinergy Evo or the Printer JTP. (For instruction on importing Harmony curves into Harmony, see the *Harmony User Guide*.)
- Have Virtual Proofing System 3.0 or later installed on the Evo Client computer.

Activity: Apply What You Know

Run the Job and Produce Virtual Proofing System Files

This job uses a workflow template to run the same input file through five different process templates. Five folders will be created, with each folder containing a set of Virtual Proofing System files with different calibration settings.

1. Open the Prinergy Evo Client.
2. Open the Template Browser window.
3. Open the Activity 40 template group.
4. Open a Windows Explorer window and locate the **[JobData]\Activity 40\Originals** folder.
5. Drag the **Activity 40.pjtf** file from Windows Explorer to the Activity 40 WT template in the Template Browser window.
6. In the Process Start window that opens, click **GO.**
7. This job will start one workflow in View by Workflow and five processes in View by Process in the Process Viewer. Wait for these to complete. Processes should complete in about two minutes.
8. In Windows Explorer, you should now see five folders created by the job. These contain the Virtual Proofing System files you will use for the rest of the activity.

View the Effect of Calibration Using Virtual Proofing System

The folders containing the Virtual Proofing System files will be found one level up from the folder **Originals** which contained the input file. In each of the folders created by the job, you will find four Virtual Proofing System files. For each of the folders, analyze the files:

1. Open the folder and select all the .**vps** files.
2. Open the files in Virtual Proofing System 3.0 (or later).
3. In Virtual Proofing System, select the **Densitometer** tool.
4. Scroll and zoom to each control strip in turn so that you can see the 50% area clearly.
5. Use the **Densitometer** tool to draw a square completely enclosed in the upper 50% swatch of the control strip. (See illustration above.)
6. For each swatch, compare the value you read with the Densitometer against the expected values in the tables below. See *What You'll Do* on page 253 for an explanation of control strip numbering.

Activity 40-A-None_None

This output has neither a plate curve nor a print curve applied. All output should be nominal.

control strip	1	2	3	4	5
expected value	50%	50%	50%	50%	50%
measured value	__ %	__ %	__ %	__ %	__ %

Activity 40-B-None_80

This output has no plate curve and the 80% print curve applied. The imposition content should be calibrated. The Evo Sheet and Page marks are set to calibrate. One Preps mark should be uncalibrated as described above.

control strip	1	2	3	4	5
expected value	40%	40%	40%	50%	40%
measured value	__ %	__ %	__ %	__ %	__ %

Activity 40-C-60_None

This output has the 60% plate curve and no print curve applied. All output should be cut back to 60% of nominal value. Since a Plate curve compensates for nonlinearity in the CTP device or the plate material, it is applied to all output regardless of other settings.

control strip	1	2	3	4	5
expected value	30%	30%	30%	30%	30%
measured value	__ %	__ %	__ %	__ %	__ %

Activity 40-D-60_80

This output has the 60% plate curve and the 80% print curve applied. All output should be cut back to 60% of nominal value by the plate curve. Then a further cutback should be applied by the print curve to all output except the Preps mark set to have no calibration applied.

control strip	1	2	3	4	5
expected value	24%	24%	24%	30%	24%
measured value	__ %	__ %	__ %	__ %	__ %

Activity 40-E-60_80_NoMarks

This output has the 60% plate curve and the 80% print curve applied. This output is the same as above except that the Prinergy Evo sheet and page marks have been set to not calibrate. The plate curve should be applied to all output but the print curve should be applied only to page content and to the Preps mark set to allow calibration. calibrated Preps mark.

control strip	**1**	**2**	**3**	**4**	**5**
expected value	24%	30%	30%	30%	24%
measured value	__ %	__ %	__ %	__ %	__ %

Activity Summary

You should now be able to:

- Apply plate curves to compensate for nonlinearity in output devices and media.
- Apply an appropriate print curve to compensate for dot gain on press.
- Control the application of the print curve to selected marks types in a job.

Personal Notes

ACTIVITY 41

Adding a Variable Text Slugline to Output

Who Should Complete This Activity

- System administrators
- Prepress operators

Why You Should Complete This Activity

A variable text slugline allows you to:

- Add identifier text to the plate outside the press sheet area, when using a "press sheet size" imposition.
- Add information to the plate that was not available when the TIFF was generated, when outputting a 1-bit TIFF file to plate.

Recommended Reading

- *Prinergy Evo 4.0 Release Notes*
- Prinergy Evo Client Help: *Slugline Mark*
- Prinergy Evo Client Help: *Output from TIFF: Layout Options (also Output from Imposition: Layout Options, and Output from PDF: Layout Options)*
- Prinergy Evo Client Help: *Tell Me More About Variable Marks*

Time to Complete This Activity

Approximately 15–30 minutes

Activity 41 Adding a Variable Text Slugline to Output

What You'll Learn

- How to create a slugline to specify static and variable information on output
- How to position a slugline on output

What You'll Need

For this activity, you must:

- Have licenses for the Output and TIFF Downloading options on your Prinergy Evo system
- Have copied the **Activity 41** folder to the Prinergy Evo **JobData** folder
- Have Prinergy VPS software installed on the Prinergy Evo client computer

Activity: Apply What You Know

Add a Slugline To an Output From Imposition Process Template:

The JDF that you will use has been imposed to the size of the press sheet on which it will be printed. It already contains marks to be printed on the actual press sheet. The objective of this step is to add a plate identifier slugline to the plate. The slugline will appear in the bottom bend of the plate, outside the area of the actual press sheet.

The slugline will identify the job, signature, side, and color of the 1-bit TIFF files being output. You will also show the date and time that the plate is made, but you cannot add it at this point since date and time would be interpreted to show when the TIFF file was made, rather than when the plate is made.

1. Open the Prinergy Evo Process Template Editor and select a process template group, or create a group (for example, create a group and call it Activity 41). You will create an Output from Imposition template inside this group.
2. From the **File** menu, select **New Output from Imposition Template.**
3. At the top of the process template, in the **Output To** list, select **Virtual Proof.**

   Prinergy VPS files are 1-bit TIFF files. They can be output to plate by Prinergy Evo TIFF Downloader and viewed on screen using Prinergy VPS software.
4. Open the **Layout** section and make the follow settings:

   a. Media

   The press sheet is 26 by 20 inches but you will create a TIFF file to output it on a 28-by-24-inch plate.

   Note: If you were not adding a slugline at this point, you could make the TIFF 26 x 20 to allow the plate size to be determined at output time.

   - **Size** = Cut Sheet
   - **Max Width** = 28 inch
   - **Max Height** = 24 inch

   b. Placement

   You need to center the press sheet across the plate and shift it up 3/8 inch to allow for the plate bend.

   - **Align Horizontally** = Center
   - **Align Vertically** = Bottom
   - **Shift Vertically** = 0.375 inch

c. Slugline

You will add text in the plate bend to show the job name (as represented by the name of the JDF file), signature, side, and color of the individual plate. Variables that you enter inside $[...] will be replaced with the appropriate information each time this process template is run. Anything else you enter in the slugline mark will appear on the output as you typed it.

- **Slugline mark** =

  ```
  Job: $[JobName]  Sig: $[Sig]   Side: $[SurfaceName]
  Color: $[Color]
  ```

- **Text size** = 10 .0
- **Place on media**

  0.5 inch **from left**

  0.25 inch **from bottom**

5. Open the **File Delivery** section and make the following changes:

   a. Custom File Naming

   - **Use Custom File Naming** = selected
   - **Filename Template** = remove %job%. from the default string shown, leaving `%imposition%%signature%%surface%.%color%.%extension%`

   b. Processed File Location

   - **Send Processed files to** = selected
   - **Device Path** = ..\TIFF Files

6. Save the template in your selected group and give it an appropriate name, such as Slugline-CreateTIFF.

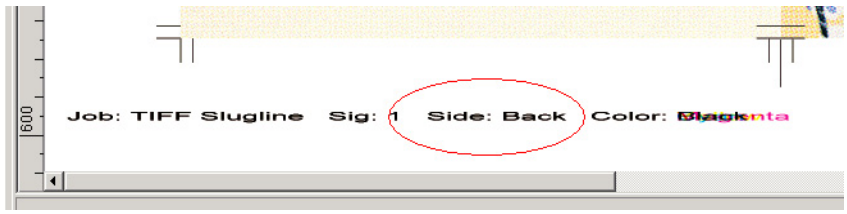
Process a JDF To Create TIFF Files:

In this section, you generate TIFF files that will be used to make plates. The files will have a **.vps** extension, but they are TIFF files and will output properly through Prinergy Evo TIFF Downloader. If you were going to make real plates, you would change the resolution to 2400 or 2540 dpi, depending on your output device. For this exercise, the files will come out at the default of 300 dpi.

1. In the Prinergy Evo Client software, open the Template Browser.
2. Open your Prinergy Evo job folder for this exercise and drag the **.jdf** file from **\45 - Variable Text Suglines\Activity 41\Imposed** to the output from imposition process template that you made in the previous section in the Template Browser.
3. In the Process Start dialog box:
   a. Type a job name such as `TIFF Slugline`.
   b. Click **Go.**
4. Use the Process Viewer to determine when your process is complete.

5. In Windows Explorer:
   a. Select the **\TIFF Files** folder inside your Prinergy Evo job folder.
   b. Select all signature 1A and 1B files, right-click, and select **Open**.
6. Prinergy VPS software opens and displays the TIFF files.
   a. Click the **Fit to Window** button.
   b. Zoom into the bottom-left corner of the screen to view the slugline. Verify that the variables have been replaced with their appropriate values for this job. Notice that the colors are all on top of each other on the press sheet, but if you turn colors off and on, you can see what the label says on each plate.

   c. Press CTRL+F to flip the Prinergy VPS software display over to the back of the press sheet. Notice that the information is the same except that the side is now "Back".



   d. Close the Prinergy VPS software window.

Add a Slugline To an Output From TIFF Process Template:

In this section, you create a process template to output the TIFF files from the previous section to plates and add a second slugline that shows the date and time that the plate was actually made and the platesetter on which it was made. You will simulate platemaking by outputting modified Prinergy VPS software files rather than actually burning plates.

1. In the Prinergy Evo Client software, open the Process Template Editor and select the process template group in which you want to create your templates.
2. From the **File** menu, select **New Output from TIFF Template**.
3. In **Output To** list, select **Virtual Proof.**
4. Open the **Layout** section and select the follow settings:
   a. Media
   - **Size** = Cut Sheet
   - **Max Width** = 28 inch
   - **Max Height** = 24 inch

b. Slugline

Add a slugline.

- **Slugline mark** = Plate burned: $[compound_%Date%_at_%Time%_on_CTP_%Device%]
- **Text size** = 10 .0
- **Place on media:**

  14.0 inch **from left**

  0.25 inch **from bottom**

5. Open the **File Delivery** section and change

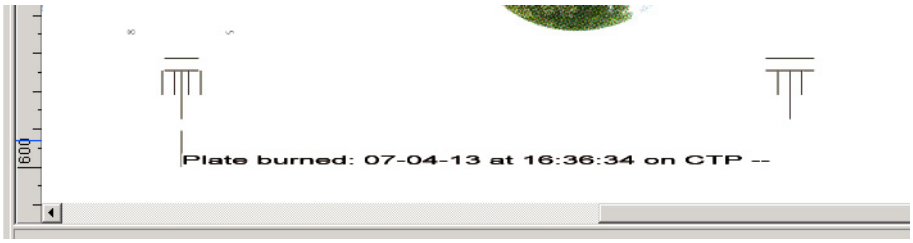
   Filename Template to **..\PlatesOut**.

6. Save the template in your selected group and give it an appropriate name such as Slugline-OutputPlates.

Output the TIFF Files To Plate:

In this section, you will simulate making plates from the TIFF files you made earlier.

1. In the Prinergy Evo Client software, open the Template Browser.
2. Open your Prinergy Evo job folder for this exercise and drag the **.vps** files from the **\TIFF Files** folder onto your Slugline-OutputPlates process template in the Template Browser.
3. In the Process Start dialog box that opens:
   a. Select your job name from the **Job** menu if it is not already selected.
   b. Click **Go.**
4. Use the Process Viewer to determine when your process is complete.
5. Open the Prinergy VPS software.
   a. Click the **Open Preview Files** button.
   b. Click **Add**.
   c. Locate the **\PlatesOut** folder in your Prinergy Evo job folder.
   d. Select all the files for the front surface of signature 1.
   e. Click **Open**, and click **OK.**
6. Zoom to the lower-left corner and confirm that the original slugline is still present.
7. Scroll to the right to confirm that the new slugline has been added in line with the original slugline, and that it has been correctly translated to show date, time, and platesetter number.



8. Close the Prinergy VPS software.

Activity Summary

You should now be able to:

- Add a slugline to the output from an output from imposition, output from TIFF, or output from PDF process template.
- Define variables for your slugline that will be replaced by Prinergy Evo when the process is run.
- Create Prinergy VPS software files for output by Prinergy Evo TIFF Downloader.
- Use Prinergy VPS software to preview plate files before outputting them to a platesetter.

Personal Notes

Kodak

Eastman Kodak Company
343 State Street
Rochester, NY 14650 U.S.A.

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