

# Prinergy Evo 1.0 Installation Test

**Document Number**
**xxxxxxxxxx**

20 January 2004

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# Revision History

| Revision | Date | Author | Comments |
|---|---|---|---|
| 0.1 | 01-20-04 | J. Garrett | Modified Prinergy ITP for Evo |
| | | | |

creo

# Prinergy Connect 2.x Installation Test

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# 1. WHAT IS AN INSTALLATION TEST?

The Installation Test Procedure (ITP) is a representative set of tests used to verify that Prinergy Evo system components have been correctly installed and integrated according to specification, and that the Prinergy Evo system is ready for operation.

The installing customer uses the Prinergy Evo ITP to verify the installation and proper operation of the Prinergy Evo software. Upon a passing completion of the ITP, the customer submits the ITP results to Creo with a signed registration card.

# 2. WHAT IS THIS TEST FOR?

The ITP is used to:

Verify the final integration of Prinergy Evo at the customer's site (onsite).

**Note:** The same test data will be used in each case.

### *At the factory*

*In some cases Evo may be integrated with a server at the factory, but in many cases Prinergy Evo will be installed by the customer. At the factory, when the ITP is complete:*

The system is ready to ship.

The Configuration Sheet can be generated.

The warranty process can be initiated.

### At the customer's site

Onsite, when the ITP is successfully completed and signed off:

Startup Assistance can begin – the system is ready to process customer jobs.

The warranty period can begin.

The customer can begin ramping up production, with the full support of the Creo Customer Service Department.

# 3. HOW IS THIS TEST SET UP?

This section summarizes the stages for setting up and running an ITP.

| Stage | Actions |
|---|---|
| Pre-sales | The customer and Creo review and agree on the objectives and terms of the ITP.<br>The sales contract includes a copy of the agreed-on ITP. |
| Pre-site visit | The customer and Creo review the prerequisites for the test.<br>The customer identifies a representative who will sign off the ITP and Creo reviews the ITP with that individual. |
| Installation | **1.** If Prinergy Evo is being configured by Creo prior to installation the factory installation team stages, integrates, and tests the system in the factory.<br>• At the customer site, Creo installs, configures, and pre-tests the system according to system specifications.<br>• Creo or the customer runs the ITP, with the customer witnessing and signing each agreed-on test as it is successfully completed.<br>• Once all agreed-on tests are signed off, Creo and the customer sign the last ITP signoff sheet.<br>**2.** If Prinergy Evo is being installed by the customer, the customer will install and configure the software according to the specifications of the Prinergy Evo system they purchased.<br>• The customer runs the ITP and signs off each section as it is successfully completed.<br>• Once all the tests are completed successfully the customer signs the ITP and sends the results with the signed ITP in to Creo. |
| Following ITP signoff | Startup Assistance begins; the system is ready to process customer jobs.<br>The warranty period begins.<br>The customer begins ramping up production. |

# 4. BEFORE RUNNING THE TEST

## 4.1 Customer's responsibilities (onsite only)

- The customer must have a sufficient supply of media.
- The customer must have installed and tested media processor(s).
- The customer should make the media vendor aware of the full range of environmental conditions that can normally be expected in the installation site. Creo is not responsible for environmental limitations of the media and processors, or for their proper functioning and installation.

## 4.2 Creo's responsibilities

- If Creo is configuring the server, Creo has installed and configured the Prinergy Evo system on the hardware platform and has integrated and tested output devices.

- Creo has installed any Creo output device(s) and the ITP for the device is signed off.

## 4.3 System prerequisites

Prior to the ITP being run, the following should be done:

- Printers used for hardcopy proofing are installed and configured in Windows 2000 (W2K) and in Prinergy Evo process templates.
- Plate and film output devices are installed, configured, and network connectivity established.
- Process Templates are created or modified for the customer's configuration and workflow:

| Component | Process Template |
|---|---|
| Normalizing input files | [RefineToPDF] [RefineToPDF-OPI] [RefineToPDF-Trap] |
| Page proofs to proofing device(s) | [TBD] |
| Imposed proofs to proofing device(s) | [TBD] |
| Page proofs to VPS | [OuptutPDF-VPS] |
| Imposed page proofs to VPS | [OutputImposition-VPS] |
| Output to plate | [TBD] |

# 5. SETTING THE SCOPE OF THE TEST

## 5.1 Components tested

The ITP is an end-to-end system test that exercises many features of Prinergy Evo 1.0. The following is a description of the features that will be tested. If you do not have all of these components installed, some tests will not need to be run.

Input file submission (Template Palettes) and refining (optional OPI and Trapping)

Color mapping

Proofing output

Plate and/or film output

Configuration backup and recovery

## 5.2 Test files

The customer must use the standard ITP input files.

### Standard ITP files

Depending on the configuration of Prinergy Evo a number of sets of input files are available:

- EvoITP_Fat.ps - Fat with Fonts (for Refine, Refine + Trap)

- EvoITP_Thin.ps - Thin with Fonts (for Ref+OPI, Ref+Trap+OPI)
- PJTFs for
- PJTF + Support files (for imposed output)

## 5.3 Output

The following outputs are generated from the ITP:

Hardcopy page proofs

Hardcopy imposed proofs to each of the proofing devices that will be integrated with Prinergy Evo

Page and imposed VPS output.

Plates to the output device that will integrated with Prinergy Evo

**Note:** The factory ITP employs a simulator and generates no physical output.

## 5.4 Test duration

Typically, the end-to-end test using the standard files takes approximately two (2) to three (3) hours to perform.

## 5.5 Selecting Input File Set

Depending on the features tested you will need to copy different files from the ITP source folder to the ITP folder on your Prinergy Evo JobData share.

Refine Only / Refine + Trap – EvoITP_Fat.ps

Refine + OPI / Refine + OPI + Trap – EvoITP_Thin.ps

Output Only – Use the Refined pages at <location> with 2up-Fat-Trap.pjtf, 4up-Fat-Trap.pjtf, or 8up-Fat-Trap.pjtf depending on the size of your press.

## 5.6 If the Test does not pass

<What happens here?>

# 6. RUNNING THE TEST PROCEDURES

## 6.1 File submission and refining

**Start time:** _____

**Note:** If Prinergy Evo is licensed for Output-only, skip forward to Test 6.2

**Goal:** To demonstrate Prinergy Evo Client UI connectivity, file access, file normalization, Open Pre-press Interface (OPI), and trapping.

| Step | Result/Comment | Check |
|---|---|---|
| 1. Using standard techniques mount Evo Server share **JobData** on the Client workstation.<br>• If on Mac OS 9, mount the share via the Chooser.<br>• If on Mac OS X, mount the share with either SMB or AppleTalk.<br>• If on Windows, map the share to an available drive letter. | On Mac Clients (OS 9 and OS X) the share **JobData** should appear on the Desktop.<br>On Windows Clients you should have the mapped **JobData** visible in **My Computer**. | Verify you have a connection to the Evo Server JobData share and can see the contents of the share. |
| 2. If configured for OPI skip to step 3.<br>• Create a directory on the **JobData** share named **ITP**.<br>• Copy the input file **EvoITP_Fat.ps** from the **PostScript** folder to the **ITP** folder. ***Go to Step 5.*** | Fat input file should now be located in the ITP folder under the **JobData** share. | Check the contents of the ITP folder. |
| 3. Create a directory on the **JobData** share named **ITP**.<br>• Copy the input file **EvoITP_Thin.ps** from the **PostScript** folder to the **ITP** folder.<br>• Copy the folder **Images** into the **ITP** folder, this folder contains the high resolution images referenced in the thin PS file. | Thin PS input file and folder containing the high resolution images should be visible within the ITP folder. | Check the contents of the ITP folder. |
| 4. Add the OPI search path to [RefineToPDF-OPI].<br>• To do this open the Process Template Editor found the under the Configure menu, double-click the [RefineToPDF-OPI] Process Template from the **Refine to PDF** Process Template Group.<br>• Expand the Normalize section of the Template and in the **Images** box add the path to the Image folder using the **Add** | The path to the Image folder should now appear in the **Search Path Order** list. | Verity the path for the OPI |

| | | |
|---|---|---|
| button.<br>• Browse to the location [JobData]\ITP\Images and click **Select**. | | |
| 5. Create a new Template Palette and add RefineToPDF or RefineToPDF-OPI to it (depending if you have OPI enabled).<br>• Drop the Input file onto the RefineToPDf or RefineToPDF-OPI Template Palette item.<br>• A process submission dialog will appear, click **Go** to initiate the process. | 16 refined PDF pages should appear in the ITP folder.<br><br>Warnings for LowRes images may appear, this is OK. | Double-click a page to open it in Adobe Acrobat. Check for images and fonts.<br>Click the **Prinergy Geometry Editor Tool** found in the Acrobat toolbar if the Prinergy Evo Acrobat Plug-Ins have been correctly installed. Check that the trim box matches the crop marks on the page. The blue trim lines should line up with the black crop marks. |
| 6. Resolve spot color naming conflict.<br>• Resubmit the refined page **EvoITP_Fat.p0002.pdf** or **EvoITP_Thin.p0002.pdf** using RefineToPDF on the Template Palette.<br>• Click the 'Colors…' button in the Process Submission window.<br>• Select PANTONE Process Cyan CVC in the Color Mapping window and map it to PANTONE Process Cyan CV.<br>• Click **Go** to initiate the process. | The Creo logo was created in Illustrator and was filled with Pantone Process Cyan CVC. Changing this setting resolves the conflict between the CV and CVC versions of the spot color.<br><br>A file named EvoITP_Fat.p0002.new.pdf should show up in the ITP folder on your JobData share.<br><br>**If testing with OPI**, use the file EvoITP_Thin.p0002.pdf instead of EvoITP_Fat.p0002.pdf. | Double-click this new file and using the separation viewer verify that the file contains only Black and PANTONE Process Cyan CV. |
| 7. If you have the trapping option, please move on to step 8. **If you don't have the trapping option, you are finished.** | | If you are finished please record your results for this portion of the ITP. |
| 8. Create a new Refine To PDF plan by opening the Process Template editor, and double-clicking **RefineToPDF** under the Refine to PDF group. Enable Trapping and using Save As… save the file with the name **RefineToPDF-Trap**.<br>• Add RefineToPDF-Trap to your ITP Template Palette.<br>• Drag refined page **EvoITP_Fat.p0016.pdf** or **EvoITP_Thin.p0016.pdf** to | A file named **EvoITP_Fat.p0016.new.pdf** or **EvoITP_Thin.p0016.pdf** should show up in the ITP folder on your JobData share.<br><br>**If testing with OPI**, use the file EvoITP_Thin.p0016.pdf instead of EvoITP_Fat.p0016.pdf. | Double click the new file **EvoITP_Fat.p0016.new.pdf** or **EvoITP_Thin.p0016.new.pdf** and view in Acrobat using the Trap Viewer, found in the Acrobat toolbar if the Prinergy Evo Acrobat Plug-Ins have been correctly installed. Click on the trap between the picture and the blue box on the page and verify the following trap parameters:<br><parameters> |

| | | |
|---|---|---|
| the RefineToPDF-Trap item and submit the refine process.<br>• If RefineToPDF-Trap doesn't exist, use the Process Template Editor to create a PT with trapping enabled. | | |

**Job creation and refining checklist:**

Files submitted successfully.

File normalized successfully.

Page geometry detected successfully.

Images embedded successfully (OPI).

Trapping was performed successfully (Trap).

**End time:** _____

**Successfully demonstrated (signed by):** _____

## 6.2 Proof output

**Start time:** _____

**Goal:** To demonstrate loose page and imposed proof output to each device that is integrated with Prinergy Evo.

**Note:** If using Prinergy Evo with an Output-only license, copy the input files for this portion of the test from <path>.

| Step | Result/Comment | Check |
|---|---|---|
| 1. Make page proofs:<br>From the JobData share ITP folder, select the pages from the JobData ITP directory and submit to the appropriate Process Templates using a Template Palette.<br>If a device is not available, use the VPS Template.<br><br>If you don't have the Refine To PDF feature, use the PDF pages from the 'RefinedPages' folder. | A new process appears in the Process Viewer. It should complete without error. If using VPS, the output files of your page(s) can be found here in the ITP directory. | Verify the printed output. If using VPS, open the files and check the content. |
| 2. Copy the appropriate supplied Preps JobTicket from the 'Impositions' folder to the folder containing your refined pages. Then submit the Preps JobTicket on the correct Imposed Output Template Palette Item for your device to create an imposed proof. If a device is not available, use the Imposed VPS process template.<br><br>If you don't have the Refine To PDF feature, use the PDF pages from the 'RefinedPages' folder and appropriate Fat_NoTrap PJTF from the Impositions folder. Submit the PJTF from the folder with the refined pages. | A new process appears in the Process Viewer It should complete without error. If using VPS, the output files of your page(s) can be found in the ITP directory.<br><br>Preps JobTickets in the 'Impositions' folder are provided for 2-up, 4-up, and 8-up sizes and are divided into the following groups (select the appropriate one for your license and press size):<br>OPI Disabled, Trapping Disabled<br>OPI Disabled, Trapping Enabled<br>OPI Enabled, Trapping Disabled<br>OPI Enabled, Trapping Enabled<br><br>The JobTickets in the 'OPI Disabled, Trapping Disabled' folder are compatible with the pages in the 'RefinedPages' folder. | Verify the printed output. If using VPS, open the files and check the contents. |

**Loose page and imposed proof output checklist:**

Output loose page proof successfully to each device.

Output imposed proof successfully to each device.

**End time:** _____

**Successfully demonstrated (signed by):** _____

## 6.3 Plate or Film output

**Start time:** _____

**Goal:** To demonstrate output to each plating device that is integrated with Prinergy.

| Step | Result/Comment | Check |
|---|---|---|
| Copy the appropriate supplied JobTicket from the 'Imposition' folder into the folder containing your refined pages. Submit the JobTicket to the Template Palette item for plate output to create an imposed plate.<br><br>If you don't have the Refine feature, use the PDF pages from the Refined folder and appropriate sized Fat_NoTrap JobTicket from the Impositions folder.<br><br>If you are not using imposition software, submit page 2 by dragging it to the Template Palette item. | A new process appears in the Process Viewer It should complete without error.<br><br>Preps JobTickets in the 'Impositions' folder are provided for 2-up, 4-up, and 8-up sizes and are divided into the following groups (select the appropriate one for your license and press size):<br>OPI Disabled, Trapping Disabled<br>OPI Disabled, Trapping Enabled<br>OPI Enabled, Trapping Disabled<br>OPI Enabled, Trapping Enabled<br><br>The JobTickets in the 'OPI Disabled, Trapping Disabled' folder are compatible with the pages in the 'RefinedPages' folder. | Verify the plate output. |

**Plate output checklist:**

Output successfully to each plating device.

**End time:** _____

**Successfully demonstrated (signed by):** _____

# 7. COMPLETING THE INSTALLATION TEST

The Installation Test has been successfully completed.

**Approved by Creo representative:**

Name: _____

Signature: _____

Date: _____

**Approved by Customer representative:**

Name: _____

Signature: _____

Date: _____