

Prinergy
Digital Print

Installation and Configuration Guide
English

739-00064G-EN Rev A

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Internal 739-00064G-EN Rev A
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Contents

Prinergy Digital Print Overview 1
Who Should Use This Document 1
What Is Covered in This Document 2
Supported Digital Printers and Controllers 3
Supported Digital Print Client Software 4
Supported Extension to Rules-Based Automation 4
Notes and Caveats for All Digital Printers 5
Setup for the NexStation Server 6
Connect Prinergy or Prinergy Evo and the NexStation Server 7
Create a Process Template for the NexPress Press 8
Set Up JDF Workflow Planner 10
(Optional) Integrate JDF Workflow Planner With Workshop 11
(Optional) Add the Submit to NexPress Data Model 14
Test the Setup 14
Best Practices, Notes, and Caveats 15
Setup for the Creo Color Server 16
Connect Prinergy or Prinergy Evo and the Creo Color Servers 17
Create a Process Template for the Creo Color Server 18
Test the Setup 18
Setup for the Xerox DocuSP Controller 19
Install Xerox FreeFlow Print Manager on the Prinergy or Prinergy Evo Server 19
Create a Process Template for the Xerox DocuSP Controller 23
(Optional) Install the Xerox FreeFlow Print Manager Software on Client Computers 26
Test the Setup 28
Setup for HP Production Flow 31
Set Up an Account to Receive JDF Files 31
Connect Prinergy or Prinergy Evo and the HP Production Flow Server 32
Create a Process Template for the HP Production Flow Server 33
Test the Setup 34

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Prinergy Digital Print Overview

The Kodak Prinergy® Digital Print feature includes the following two aspects.

- The Prinergy workflow system and Prinergy Evo™ workflow system can send a JDF control file, with a PDF file, to hot folders on JDF-enabled digital print devices.
- Operators can integrate vendor-specific digital print client software to access their digital print controllers.

The JDF control file that Prinergy or Prinergy Evo software generates is based on the CIP4 Integrated Digital Printing ICS 1.0.

Who Should Use This Document

This document is intended for system administrators who know how to create user accounts on all of the servers in their Prinergy or Prinergy Evo system.

What Is Covered in This Document

The following table lists the tasks that you may need to perform to use the Prinergy Digital Print feature and where the tasks are documented.

Stage	Task	Documentation Source
Installation and configuration	Install a license key for Prinergy or Prinergy Evo	Prinergy Administrator Help or Prinergy Evo Server Help
	Set up file system connectivity between Prinergy or Prinergy Evo and the Digital Print controller	This guide
	Install any JDF editors or processing tools needed	This guide
	Configure the Digital Print controller to receive JDF submissions	Digital Print controller software documentation
Setting up a workflow	Create a job ticket for the digital print controller	Digital Print controller software documentation
	Create a Prinergy or Prinergy Evo process template (job ticket) or workflow template	Prinergy Workshop Help or Prinergy Evo Client Help This document describes the settings that are specific to connecting to Digital Print controllers
	Create a Rules-Based Automation (RBA) rule set	Prinergy Workshop Help
Using a workflow	Run a process template or workflow	Prinergy Workshop Help or Prinergy Evo Client Help
	Automatically trigger an RBA rule set	Prinergy Workshop Help

Supported Digital Printers and Controllers

Prinergy Digital Print is a licensed option for both Prinergy and Prinergy Evo. The following documents provide information about the Digital Print feature.

- For Prinergy Digital Print, including Prinergy Connect™, Prinergy Powerpack™, and Prinergy Direct™, software, see document number 632-00293A.
- For Prinergy Evo - Digital Print integration, see document number 632-00467A.

The following table lists the supported Digital Print controllers and the Prinergy or Prinergy Evo releases in which they were first supported.

Digital Print Controller	**Prinergy Support Started In**	**Prinergy Evo Support Started In**
Kodak NexStation software 9.0 and later with Kodak NexPress M700 digital production color press	Prinergy 4.0.2.1 (beta)	Prinergy Evo 4.1 (future release)
Kodak NexStation software 9.0 and later with Kodak NexPress 2100, 2500 and 3000 digital production color presses	Prinergy 4.0.2.1	Prinergy Evo 4.1 (future release)
Kodak NexStation software 8.4, 8.5 with Kodak NexPress 2100 and 2500 digital production color presses	Prinergy 3.1	Prinergy Evo 3.1
Creo IC-301 with Konica Minolta® bizhub™ PRO C500 printer	Prinergy 3.1	Prinergy Evo 3.1
Creo Production Stream Server with HP® Indigo® 3000, 3500, and 5000 digital production color presses	Prinergy 3.1	Prinergy Evo 3.1
Creo Spire color server with Xerox® DocuColor™ iGen3, 240, 250, 2045, 2060, 5252, 6060, 7000, and 8000 digital production presses	Prinergy 3.0	Prinergy Evo 3.1
HP® Production Flow with all HP® Indigo digital production color presses	Prinergy 3.1	Prinergy Evo 3.1
Xerox® DocuSP 4.2 controller with Xerox® DocuColor™, DocuTech™, and DocuPrint™ digital production presses	Prinergy 3.0	Prinergy Evo 3.1

Supported Digital Print Client Software

- JDF Workflow Planner software

  Prinergy and Prinergy Evo use the JDF Workflow Planner (JWP) software to create JDF templates for submission to a NexPress digital production color press. JWP software connects to the NexPress press to give you access to all system print settings, from substrate selection to control over the fifth imaging unit.

- Xerox® FreeFlow® Print Manager software

  Prinergy and Prinergy Evo use the Xerox FreeFlow Print Manager software to translate the JDF files it sends into a protocol that is compatible with Xerox printers. Installing Xerox FreeFlow Print Manager with the Prinergy Digital Print hot folder on the Prinergy primary server or Prinergy Evo server enables the bulk of the Xerox production fleet to act as JDF-enabled digital print devices.

  For details about the capabilities of Xerox FreeFlow Print Manager, see Xerox FreeFlow Print Manager Customer Expectation Letter (701P44179).

Supported Extension to Rules-Based Automation

- Submit to NexPress Action

  The Submit to NexPress Data Model adds a new action to Rules Based Automation (RBA) to edit the JDF job ticket to be sent to NexPress.

  The Submit to NexPress Action version 9.0 only works with Prinergy 4.0.2.1 and later.

Notes and Caveats for All Digital Printers

Depending upon the available features, the following caveats may not apply to all supported printer products. To determine which printer products and which software applies to each caveat, see the following table.

Caveat	Applicable Digital Printer and Controller	Applicable Software Component
Many PDF tools and libraries do not support PDF files larger than 2 GB. Even with compression, it is possible to achieve this file size with a few hundred raster PDF pages rendered at 600 dpi. The operator may have to manually break up the job into multiple impositions or page sets to keep digital print files less than 2 GB in size.	All	PDF files
If submitting several jobs in parallel to a hot folder, ensure that the PDF and JDF files do not overwrite each other. To avoid this problem in Prinergy or Prinergy Evo process templates, use file naming variables to make file names unique. For example, use variables such as **%jobname%** and **%time%** in a file name.	All	Prinergy or Prinergy Evo
Do not use the file naming variable **%version%** with hot folders, because Prinergy will rename existing files in the hot folder so that the newest file is version zero and the oldest file has the largest version number.	All	Prinergy or Prinergy Evo

Setup for the NexStation Server

Before you can use the Prinergy Digital Print feature, you must obtain and install a Prinergy Digital Print license key. To obtain a license, contact your Kodak service representative. For instructions on installing a license key, see the Prinergy Administrator Help or the Prinergy Evo Server Help.

The setup for the Kodak NexStation server consists of the following steps.

1. "Connect Prinergy or Prinergy Evo and the NexStation Server" on page 7.
2. “Create a Process Template for the NexPress Press" on page 8.
3. "Set Up JDF Workflow Planner" on page 10.
4. "(Optional) Integrate JDF Workflow Planner With Workshop" on page 11.
5. "(Optional) Add the Submit to NexPress Data Model" on page 14.

When the setup is complete, see "Test the Setup" on page 14.

In addition, see “Best Practices, Notes, and Caveats" on page 15.

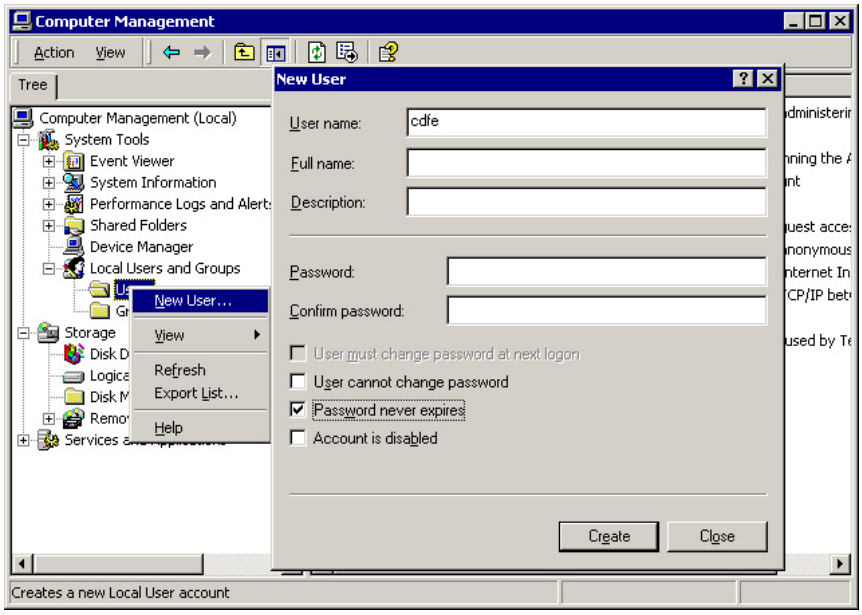
Connect Prinergy or Prinergy Evo and the NexStation Server

Give the Prinergy or Prinergy Evo software and the NexStation server access to the file system shares that they require.

1. Give the NexStation server access to the Prinergy or Prinergy Evo job homes.

   For NexStation server 8.4 and 8.5 on the Prinergy or Prinergy Evo job home server, add the NexStation user account `CDFE`. The default password for the CDFE account is `5555pa$$wor$$`.

   Note: For NexStation server 9.0, this step is not necessary.



2. Give Prinergy or Prinergy Evo access to the NexStation server.

   For example, on the NexStation server, add the Prinergy and Prinergy Evo user account `Araxi`. The default password for the `Araxi` account is `ARAXI`.

Create a Process Template for the NexPress Press

Set up a process template to submit jobs from the Prinergy or Prinergy Evo software to the NexStation server. For more information about process template settings and how to create them, see the Prinergy Workshop Help or the Prinergy Evo Client Help.

1. Start the Prinergy Workshop or Prinergy Evo Client software.
2. Create a new process template.
   - In Prinergy, use the Loose Page Output process template or the Imposition Proof process template.
   - In Prinergy Evo, use the Output From PDF process template or the Output From Imposition process template.
3. In the **Output To** list, select any PDF option.
4. Enable digital printing.
   - In Prinergy, select the **Include JDF for Digital Print** section.
   - In Prinergy Evo, select the **Digital Print** section.
5. In the Device Selection area, from the **Select a device type** list, select **Kodak NexStation**.
6. In the **JDF Path** box, type the path. The exact hot folder share may vary.
   - In version 8.4, the default hot folder location is \\<**NexStation server**>**\CDFExchg\JDFPortal\JDFHotfolder**
   - In version 8.5, the default hot folder location is \\<**NexStation server**>**\Hotfolder\JDFHotfolder**
7. Leave the **PDF Path** box set to the default— `%job%\Proofs` for Prinergy and `.\Proofs` for Prinergy Evo—to prevent PDF files from consuming disk space on the NexStation server.
8. In Prinergy version 4.0.2.1 and later, in the Include JDF for Digital Print Section of the Loose Page Output or Imposition Output Process Template, select **HTTP Protocol** for the **Send Files to Printer using** option.
9. In the **JDF Template** box, click **Browse** to select the appropriate JDF template.

- In Prinergy, look in:
  \\<**Prinergy server**>**AraxiHome****CreoAraxi****data**\
  DigitalPrintTemplates**NexPress**
- In Prinergy Evo, look in:
  \\<**Prinergy Evo server**>**PgyEvoConfig**\
  DigitalPrintTemplates**NexPress**

10. Save the process template and close the process template editor.

Set Up JDF Workflow Planner

Just install the JDF Workflow Planner (JWP) software and use JWP to create JDF job tickets to control the NexPress server.

Obtain JDF Workflow Planner

Do either of the following steps.

- Obtain the JDF Workflow Planner software from the Prinergy or Prinergy Evo Installation CD.
- Download the Prinergy Digital Print software from Kodak eCentral, the Internet portal.

1. Browse to the eCentral portal at https://eCentral.Creo.com/.
2. Click the **Self Support** tab.
3. Click **Downloads**.
4. Locate the download.
   - In the product list, select **Prinergy Connect** or **Prinergy Evo**
   - In the download type list, select **Utilities** and click the **Go** button
5. Right-click the **PrinergyDigitalPrint.zip** and save it to your computer.
6. Extract the downloaded file.

Install JDF Workflow Planner

Do either of the following steps.

- On a Microsoft® Windows® operating system, double-click the **PrinergyJWP.exe** file and follow the prompts.
- On an Apple® Mac OS® drag the **PrinergyJWP** folder to the **Applications** folder.

(Optional) Integrate JDF Workflow Planner With Workshop

You can integrate the JDF Workflow Planner software with the Prinergy Workshop software, so that you can start JDF Workflow Planner from the **Tools** menu of Workshop.

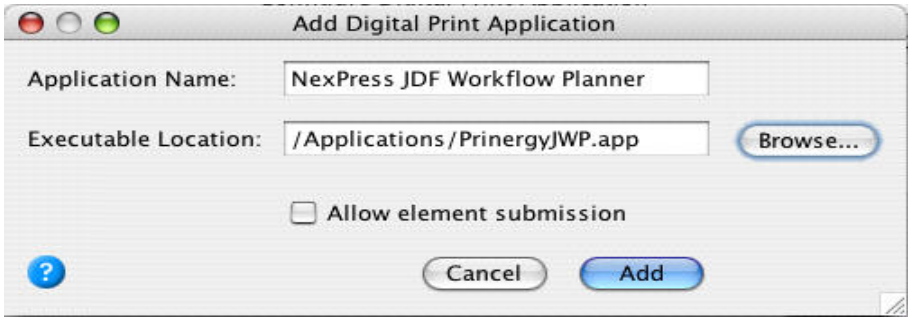
1. Start the Prinergy Workshop software. From the **Tools** menu, select **Digital Print Administration Console**, and select **Configure**. Click **Add**.

2. In the Add Digital Print Application dialog box, in the **Application Name** box, type the name of the menu item that you want to see on the **Tools** menu —for example, `NexPress JDF Workflow Planner`.

3. In the **Executable Location** box, click **Browse** and locate the executable file. Its default location is:

   - On a Windows operating system: **C:\Program Files\Prinergy JWP\ PrinergyJWP.bat**
   - On a Mac operating system: **/Applications/PrinergyJWP.app**



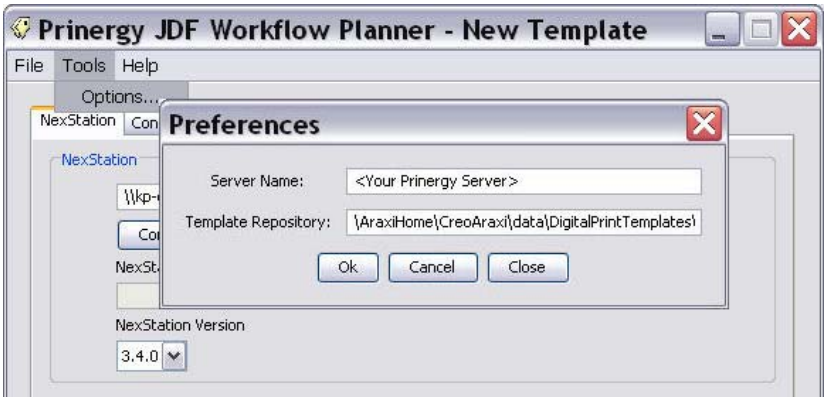


4. Clear the **Allow element submission** check box, and click **Add**.

Configure the JDF Template Repository

Specify where the JDF Workflow Planner software loads and saves JDF templates.

1. Start the JDF Workflow Planner software in any one of the following ways.
   - On a Windows operating system, from the **Start** menu, select **Programs** and select **Prinergy JWP**.
   - On a Mac OS, open the **Applications** folder, and double-click **Prinergy JWP**.
   - If you are using Prinergy and you integrated JDF Workflow Planner into Prinergy Workshop, from the **Tools** menu, select the menu item that you created when you integrated the software.
2. Open the Preferences dialog box using one of the following ways.
   - On a Windows operating system, from the **Tools** menu, select **Options**.
   - On a Mac OS, from the **PrinergyJWP** menu, select **Preferences**.
3. In the Preferences dialog box, in the **Server Name** box, type the name of your Prinergy or Prinergy Evo server.
4. In the **Template Repository** box, type:
   - Prinergy: `\AraxiHome\CreoAraxi\data\DigitalPrintTemplates\NexPress`
   - Prinergy Evo: `\PgyEvoConfig\DigitalPrintTtemplates\NexPress`



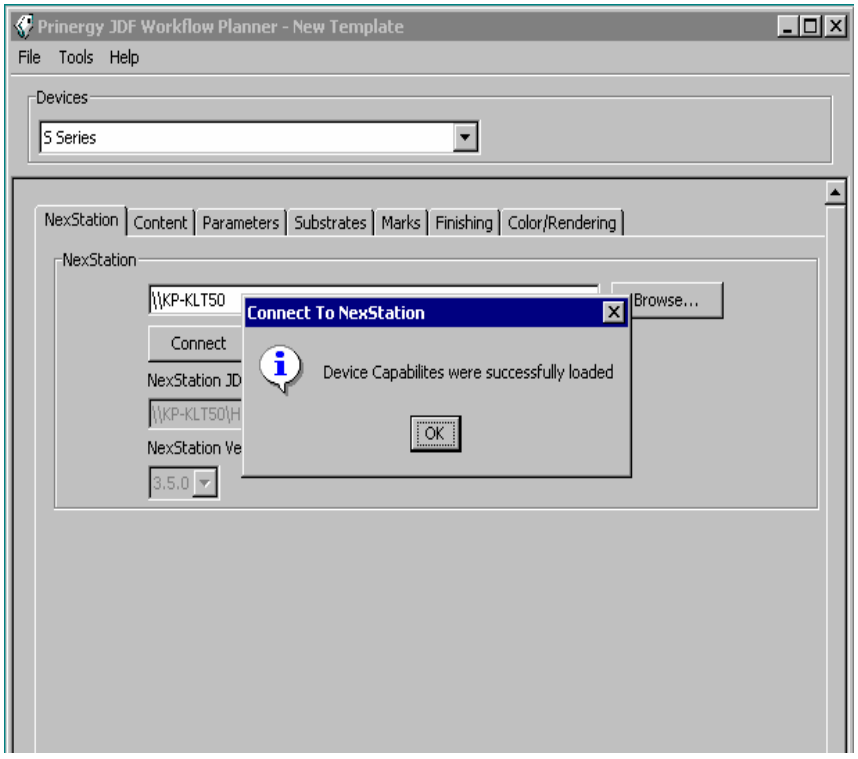
Load NexPress Device Capabilities

1. Start the JDF Workflow Planner software in any one of the following ways.

   - On a Windows operating system, from the **Start** menu, select **Programs** and select **Prinergy JWP.**
   - On a Mac OS, open the **Applications** folder, and double-click **Prinergy JWP.**
   - If you are using Prinergy and you integrated JDF Workflow Planner into Prinergy Workshop, from the **Tools** menu, select the menu item that you created when you integrated the software.

2. On the **NexStation** tab, type the name of the NexStation server.

3. Click **Connect**. The Connect To NexStation dialog box displays a `Device Capabilities were successfully loaded` message. This example shows JDF Workflow Planner 9.0.



(Optional) Add the Submit to NexPress Data Model

1. Stop Prinergy.
2. Launch the Submit to Nexpress installer (SubmitToNexpress.exe) and follow the prompts.
3. Start Prinergy.

Test the Setup

- In the Prinergy or Prinergy Evo software, select pages or imposition plans, and start the process template that you created for the digital printer.

Best Practices, Notes, and Caveats

- Although you can set the substrates for inserts in the JDF Workflow Planner software, there is no way to assign pages to be an insert in the Prinergy or Prinergy Evo software. You must send the file from Prinergy or Prinergy Evo to the NexStation software, and then edit the job ticket using the NexStation software to identify pages as being different substrate types.
- In the process template, don't write the PDF files onto the NexStation server. The NexStation server may not have enough disk space to store the files. Just leave the PDF files in the Prinergy Job Home (for example, %job%\Proofs, as shown) or on the Prinergy Evo server (for example, .\Proofs).



- When using Mac OS 10.3.9, you may need to use the IP address rather than the computer name in the JDF Workflow Planner software.

Setup for the Creo Color Server

Before you can use the Prinergy Digital Print feature, you must obtain and install a Prinergy Digital Print license key. To obtain a license, contact your Kodak service representative. For instructions on installing a license key, see the Prinergy Administrator Help or the Prinergy Evo Server Help.

The setup for the Creo color server consists of the following steps.

1. “Connect Prinergy or Prinergy Evo and the Creo Color Servers” on page 17.
2. “Create a Process Template for the Creo Color Server” on page 18.

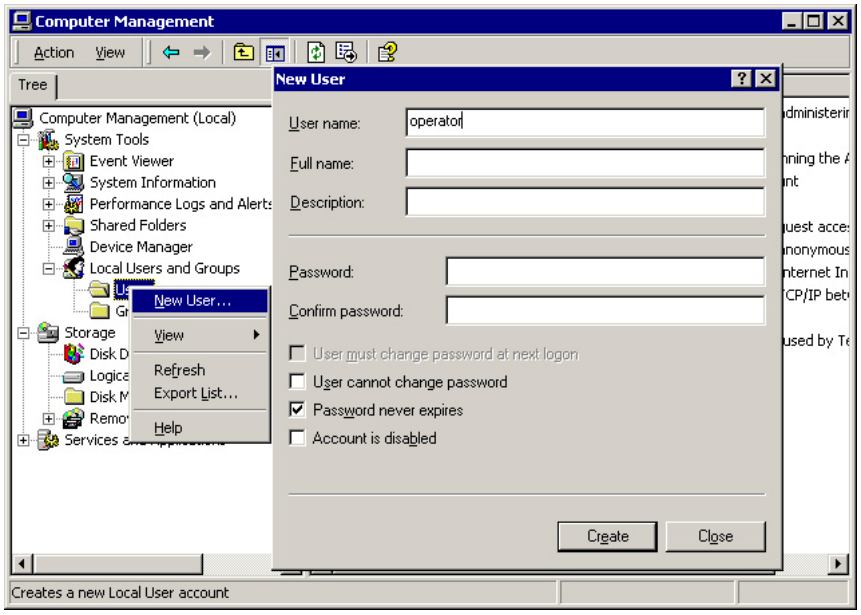
When the setup is complete, see “Test the Setup” on page 18.

Connect Prinergy or Prinergy Evo and the Creo Color Servers

Give the Prinergy or Prinergy Evo software and the Creo color server access to the file system shares that they require.

1. Give the Creo color server access to the Prinergy or Prinergy Evo job homes.

   For example, on the Prinergy or Prinergy Evo job home server, add the Creo color server user account `operator`. The default password for the operator account is `Creo`.



2. Give Prinergy or Prinergy Evo access to the Creo color server.

   For example, on the Creo color server, add the user account `Araxi`. The default password for the `Araxi` account is `ARAXI`.

Create a Process Template for the Creo Color Server

Set up a process template to submit jobs from the Prinergy or Prinergy Evo software to the Creo color server. For more information about process template settings and how to create them, see the Prinergy Workshop Help or the Prinergy Evo Client Help.

1. Start the Prinergy Workshop or Prinergy Evo Client software.
2. Create a new process template.
   - In Prinergy, use the Loose Page Output process template or the Imposition Proof process template.
   - In Prinergy Evo, use the Output From PDF process template or the Output From Imposition process template.
3. In the **Output To** list, select any PDF option.
4. Enable digital printing.
   - In Prinergy, select the **Include JDF for Digital Print** section.
   - In Prinergy Evo, select the **Digital Print** section.
5. In the **Device Selection** area, in the **Select a device type** list, select **Creo Spire Color Server**, **Creo Production Stream (HP)**, or **Creo IC-301 (Konica Minolta)**.
6. In the **JDF Path** box, type the name of the hot folder on the server—for example, `\\<Creo server>\HF_ProcessStore`.

Tip: You use the Creo Color Server to create and configure the hot folders and shared folders that Prinergy will submit to. The names and locations of the folders are defined by the Creo Color Server.

7. In the **PDF Path** box, type `\\Creo server>\Shared\JobUpload`.
8. Save the process template and close the process template editor.

Test the Setup

- In the Prinergy or Prinergy Evo software, select pages or imposition plans, and start the process template that you created for the digital printer.

Setup for the Xerox DocuSP Controller

Before you can use the Prinergy Digital Print feature, you must obtain and install a Prinergy Digital Print license key. To obtain a license, contact your Kodak service representative. For instructions on installing a license key, see the Prinergy Administrator Help or the Prinergy Evo Server Help.

The setup for the Xerox DocuSP server consists of the following steps.

1. “Install Xerox FreeFlow Print Manager on the Prinergy or Prinergy Evo Server” on page 19.
2. “Create a Process Template for the Xerox DocuSP Controller” on page 23.
3. “(Optional) Install the Xerox FreeFlow Print Manager Software on Client Computers” on page 26.

When the setup is complete, see “Test the Setup” on page 28.

Install Xerox FreeFlow Print Manager on the Prinergy or Prinergy Evo Server

The Xerox DocuSP digital print controllers do not accept JDF messages directly. Xerox created the Xerox FreeFlow Print Manager software to act as a JDF device for the DocuSP and other digital print controllers.

The Xerox FreeFlow Print Manager software takes JDF files from the Prinergy or Prinergy Evo software and translates them into instructions that can be understood by the bulk of the Xerox production fleet. To perform this function, Xerox FreeFlow Print Manager is installed on the Prinergy primary server or Prinergy Evo server and runs in the background to convert the JDF.

Install Xerox FreeFlow Print Manager

- Insert the Xerox FreeFlow Print Manager CD into the Prinergy primary server or the Prinergy Evo server and follow the prompts.

If the installer doesn't start automatically, locate the Xerox FreeFlow Print Manager CD and manually start the installer.

Register the Printers

Use the Printer Registration utility to define the printers and queues available in the Xerox FreeFlow Print Manager software.

Note: Run the Printer Registration utility before running Xerox FreeFlow Print Manager for the first time. If you don't do this, printers and queues will not be available in the Xerox FreeFlow Print Manager software.

1. Start the Xerox FreeFlow Print Manager software.
   - On a Windows operating system, from the **Start** menu, select **Programs > Xerox Applications > FreeFlow Print Manager Tool Suite <version> > Printer Registration**.
   - On a Mac OS, double-click **Applications > XPPS > Xerox FreeFlow Print Manager Tool Suite <version> > PrinterRegistration**.
2. Set up the printers and queues.
3. Save the printer discovery file (**printer.disc** is the default name).
4. Select the printer discovery file as the default.

   Tip: You can save the printer discovery file anywhere on the server or network. You may want to save it in a shared location, such as the Xerox FreeFlow Print Manager application folder (for Windows, select **Programs > Xerox Applications** or for Mac OS, select **Applications > XPPS**).
5. Click **Exit**.

Set Preferences for Xerox FreeFlow Print Manager

1. Start the Xerox FreeFlow Print Manager software.
   - On a Windows operating system, from the **Start** menu, select **Programs > Xerox Applications > FreeFlow Print Manager Tool Suite <version> > FreeFlow Print Manager**.
   - On a Mac OS, double-click **Applications > XPPS > Xerox FreeFlow Print Manager Tool Suite <version> > FreeFlowPrintManager**.
2. From the **Options** menu, select **Preferences**.
3. On the **General** tab, in the **Default Job Ticket** area, select the **Use Printer Defaults** check box.
4. Click the **Job Notes** tab.
5. Clear the **Use the document name as the job name** check box.
6. Click **Save**.
7. Quit the Xerox FreeFlow Print Manager software.

Install the Prinergy Digital Print Hot Folder

You can use the Prinergy Digital Print Hotfolder utility to create a hot folder that automatically runs the Xerox FreeFlow Print Manager software as a command-line tool in the background when a file is dropped in the hot folder.

1. Do one of the following steps.
   - Obtain the Prinergy Digital Print Hotfolder utility from the Prinergy or Prinergy Evo Installation CD.
   - Download the Prinergy Digital Print software from Kodak eCentral, the Internet portal.

   a. Browse to the eCentral portal at https://eCentral.Creo.com/.

   b. Click the **Self Support** tab.

   c. Click **Downloads**.

   d. Locate the download.

- In the product list, select **Prinergy Connect** or **Prinergy Evo**
- In the download type list, select **Utilities** and click the **Go** button

e. Right-click the **PrinergyDigitalPrint.zip** and save it to your computer.

f. Extract the downloaded file.

2. Install the Prinergy Digital Print Hotfolder utility.

3. Start the Prinergy Digital Print Hotfolder utility.

4. Create a JDF hot folder in the **<drive>:\PDP_Hotfolder** folder.

- In Prinergy, **<drive>** is J.
- In Prinergy Evo, **<drive>** is C.

The hot folder must be local to the Prinergy primary server or the Prinergy Evo server. You cannot put the hot folder on a network share.

For JDF hot folders, only the JDF file is placed in the hot folder **<drive>:\PDP_Hotfolder\JDF_Input**. The PDF file should be placed somewhere else. By default, the PDP hot folder installation creates a "cold" folder in **<drive>:\PDP_Hotfolder\PDL_Input** for PDF files.

Tip: If you need to change the hot folder settings—for example, to change the location of the hot folder—reinstall the hot folder to overwrite the settings.

Create a Process Template for the Xerox DocuSP Controller

Set up a process template to submit jobs from the Prinergy or Prinergy Evo software to the Xerox DocuSP controller.

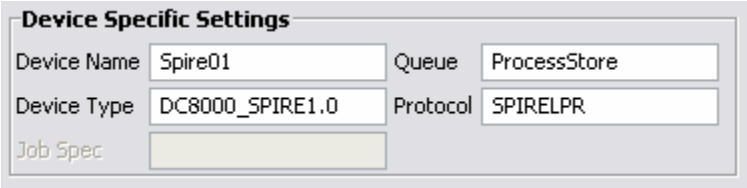
For more information about process template settings and how to create them, see the Prinergy Workshop Help or the Prinergy Evo Client Help.

Tip: After this is set up, you won't need to change it except to select a different queue or to set up a new printer.

1. Start the Prinergy Workshop or Prinergy Evo Client software.
2. Create a new process template.
   - In Prinergy, use the Loose Page Output process template or the Imposition Proof process template.
   - In Prinergy Evo, use the Output From PDF process template or the Output From Imposition process template.
3. In the **Output To** list, select any PDF option.
4. Enable digital printing.
   - In Prinergy, select the **Include JDF for Digital Print** section.
   - In Prinergy Evo, select the **Digital Print** section.
5. In the **Device Selection** area, in the **Select a device type** list, select **Xerox FreeFlow Print Manager**.
6. In the **JDF Path** box, type `J:\PDP_Hotfolder\JDF_Input`.
7. In the **PDF Path** box, type `J:\PDP_Hotfolder\PDL_Input`.
8. In the **Device Specific Settings** area, specify which printer and queue to use.

   Tip: To determine **Device Specific Settings**, you may need help from operators who regularly use the digital printers. See the Xerox documentation for the FreeFlow Print Manager's command line tool for the latest information about settings for **Device Name**, **Queue**, **Type** and **Protocol.**

In This Box	Type This
Device Name	The name or IP address of the printer (print server) on the network.
Queue	The name of the print queue that you want to use (the name is case-sensitive)
Device Type	The specific device type and version. In some cases, the Xerox FreeFlow Print Manager software cannot translate the JDF correctly without this information.



9. In the **Protocol** box, type the name of the protocol that the Xerox FreeFlow Print Manager software uses to translate the JDF.

   To identify the protocol, see the following table or the Xerox FreeFlow Print Manager User Guide (701P44179).

With This Device Type	Type This Protocol
Most DocuSP controlled printers	`IPP` **Note**: With the IPP protocol, leave the **Device Type** box blank.
Most Spire devices, including DCiGen3_SPIRE2.6, DC5252_SPIRE3.0, DC6060_SPIRE3.0, DC5252_SPIRE4.0, DC6060_SPIRE4.0, DC2045_SPIRE4.0, DC2060_SPIRE4.0, DC8000_SPIRE1.0, DC7000_SPIRE1.0	`SPIRELPR`
DT65, DT75, DT90, DT6100, DT6115, DT6135, DT6155, DT6180, DP65, DP75, DP90, DP100EPS, DP115EPS, DP135EPS, DP155EPS, DP180EPS, DP350, DP425, DP500, DP525, DP700, DP850,DP1000, DP1050, DT128HLC, DT155HLC, DT180HLC, DC2045, DC2060, DC5252, DC6060, DC8000, DCiGen3, N100DPS, N120DPS, N100DCP, N120DCP, DC7000	`XPIFLPR`

With This Device Type	Type This Protocol
DT135NS, DT135NSP, DT65, DT75, DT90, DT6100, DT6115, DT6135, DT6155, DT6180, DP65, DP75, DP90, DP96NPS, DP100NPS, DP115NPS, DP135NPS, DP155NPS, DP180NPS, DP4635NPS, DP4050NPS, DP4090NPS, DP92CNPS, DP4850NPS, DP4890NPS, DP100EPS, DP115EPS,DP135EPS, DP155EPS, DP180EPS, DP350, DP425, DP500, DP525, DP700, DP850,DP1000, DP1050, DT128HLC, DT155HLC, DT180HLC,DC2045, DC2060, DC5252, DC6060, DC8000, DCiGen3,N100DPS, N120DPS, N100DCP, N120DCP, FX1100_900, DC7000, DCE1100, DCE900, DCE4110_GXP4110	`ASCIILPR` **Note**: Use this protocol only if the printer does not support the XPIFLPR, SPIRELPR, or IPP protocol.

10. Save the process template and close the process template editor.

(Optional) Install the Xerox FreeFlow Print Manager Software on Client Computers

For information about supported clients and installation options, see the Guide to Printing Using Xerox Production Print Services.

Install Xerox FreeFlow Print Manager

➢ Insert the Xerox FreeFlow Print Manager CD into the client computer and follow the prompts.

If the installer doesn't start automatically, locate the Xerox FreeFlow Print Manager CD and manually start the installer.

Add Printers

1. Open an existing **printer.disc** file or create a new one with the Printer Registration Tool.
2. Start the Printer Registration Tool.
   - On a Windows operating system, from the **Start** menu, select **Programs** > **Xerox Applications** > **FreeFlow Print Manager Tool Suite** <version> > **Printer Registration.**
   - On a Mac OS, double-click **Applications** > **XPPS** > **Xerox FreeFlow Print Manager Tool Suite** <version> > **PrinterRegistration.**
3. In the FreeFlow Print Manager Printer Registration window, click **Add** and add entries for any additional printers that you want to access.
4. Save the printer discovery file (**printer.disc** is the default name).
5. Select the printer discovery file as the default.
6. Click **Exit**.

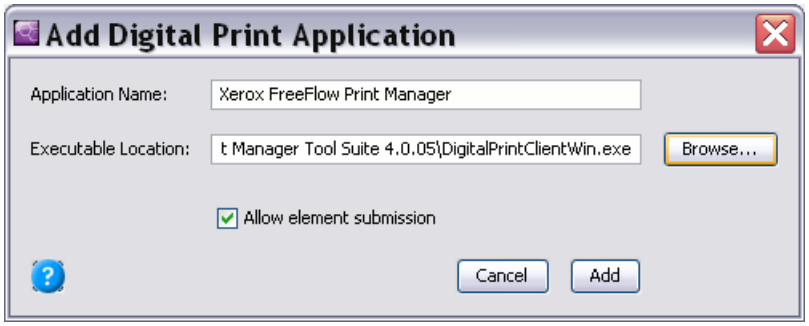
Set Preferences for Xerox FreeFlow Print Manager

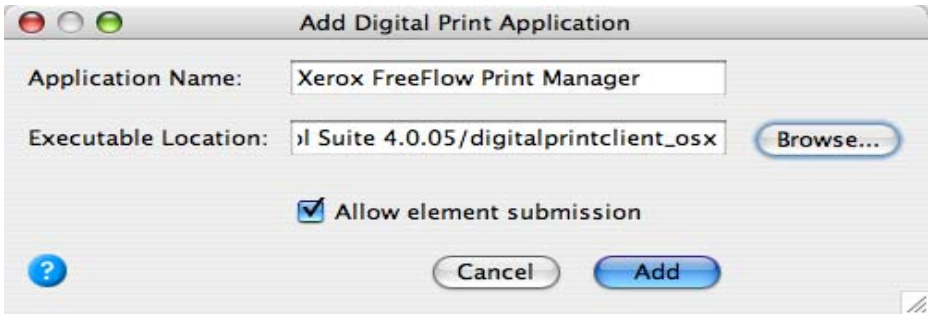
1. Start the Xerox FreeFlow Print Manager software.
   - On a Windows operating system, from the Start menu, select **Programs > Xerox Applications > FreeFlow Print Manager Tool Suite <version> > FreeFlow Print Manager.**
   - On a Mac OS, double-click **Applications > XPPS > Xerox FreeFlow Print Manager Tool Suite <version> > FreeFlowPrintManager.**
2. From the Options menu, select **Preferences.**
3. On the **General** tab, in the **Default Job Ticket** area, select the **Use Printer Defaults** check box.
4. Click the **Job Notes** tab.
5. Clear the **Use the document name as the job name** check box.
6. Click **Save.**
7. Quit the Xerox FreeFlow Print Manager software.

Integrate FreeFlow Print Manager With Prinergy Workshop

You can integrate the Xerox FreeFlow Print Manager software with the Prinergy Workshop software so that you can start Xerox FreeFlow Print Manager from the **Tools** menu of Workshop.

1. Start the Prinergy Workshop software.
2. From the **Tools** menu, select **Digital Print Administration Console** > **Configure**.
3. Click **Add**.
4. In the Add Digital Print Application dialog box, in the **Application Name** box, type the name of the menu item that you want to see on the **Tools** menu—for example, `Xerox FreeFlow Print Manager`.
5. Click **Browse** and locate the digital print software executable file.
   - On a Windows operating system: **C:\Program Files\XPPS\FreeFlow Print Manager Tool Suite <version>\DigitalPrintClientWin.exe**
   - On a Mac OS: **Applications:Xerox FreeFlow Print Manager Tool Suite <version>\digitalprintclient_osx**





6. Select the **Allow element submission** check box, and click **Add**.

Test the Setup

- In the Prinergy or Prinergy Evo software, select pages or imposition plans, and start the process template that you created for the digital printer.

Troubleshooting Xerox FreeFlow Print Manager

For a list of notes and caveats for the Xerox FreeFlow Print Manager software, see Xerox FreeFlow Print Manager Customer Expectation Letter (701P44179).

Note: You can turn off IPP protocol support for the DocuSP print controller. If you have problems setting up an IPP connection to the DocuSP controller, try using the XPIFLPR protocol instead. To enable the IPP protocol on your DocuSP, contact Xerox technical support.

If you are having difficulty printing using the Xerox FreeFlow Print Manager software, perform the following tests.

- Can Xerox FreeFlow Print Manager submit files to the printer?
- Is the Prinergy Digital Print hot folder functioning correctly?

To test Xerox FreeFlow Print Manager:

Print directly from the Xerox FreeFlow Print Manager software to isolate the problem.

1. Log on to the Prinergy primary server or the Prinergy Evo server.
2. Run the Printer Registration utility to set up the print queues.

   From the **Start** menu, select **Programs > Xerox Applications > Xerox FreeFlow Print Manager Tool Suite <version> > Free Flow Print Manager > Printer Registration**.
3. Run the Xerox FreeFlow Print Manager software on the Prinergy primary server to test the printer connectivity.

   From the **Start** menu, select **Programs > Xerox Applications > Xerox FreeFlow Print Manager Tool Suite <version> > Free Flow Print Manager > Xerox FreeFlow Print Manager**.
4. Select a PDF file and the appropriate printer and queue that you want to use, and print a test job.
5. If the job fails to print, troubleshoot why it did not print.

   For example, ensure that the details you used to set up the queue in the Printer Registration utility and the Xerox FreeFlow Print Manager software match the settings you are using in your process template.

To test the Prinergy Digital Print hot folder:

1. Log on to the Prinergy primary server or the Prinergy Evo server.
2. Determine whether there hot folder is running.

- In Windows Explorer, locate the hot folder—for example, locate the **J:\PDP_Hotfolder** folder for Prinergy or the **C:\PDP_Hotfolder** folder for Prinergy Evo, open the hot folder, and open the **JDF_Input** folder.

  If the **JDF_Input** folder contains JDF files, the hot folder is probably not running.

- Drag a JDF file from the **JDF_Input** folder to another folder, and then drag it back to the **JDF_Input** folder to see if the hot folder tries to process it.

3. If the hot folder is running, determine whether the hot folder or the Xerox FreeFlow Print Manager software is rejecting the files being dropped.

   Locate the **Logs** folder, open the **PDP_Logfile.txt** file, and review the messages for any indications that jobs were rejected.

Setup for HP Production Flow

Before you can use the Prinergy Digital Print feature, you must obtain and install a Prinergy Digital Print license key. To obtain a license, contact your Kodak service representative. For instructions on installing a license key, see the Prinergy Administrator Help or the Prinergy Evo Server Help.

The setup for HP Production Flow consists of the following steps.

1. “Set Up an Account to Receive JDF Files” on page 31.
2. “Connect Prinergy or Prinergy Evo and the HP Production Flow Server” on page 32.
3. “Create a Process Template for the HP Production Flow Server” on page 33.

When the setup is complete, see “Test the Setup” on page 34.

Set Up an Account to Receive JDF Files

1. On the HP Production Flow server, create an Information Service Vendor Account that will function as a JDF hot folder.

   See the HP Production Flow documentation or contact HP technical support.

2. Share the Information Service Vendor Account so that the Prinergy software can put JDF files into it.

   These instructions assume that the default Information Service Vendor Account has been set up and shared out as **\\<HP server>\default-AUUID.**

Connect Prinergy or Prinergy Evo and the HP Production Flow Server

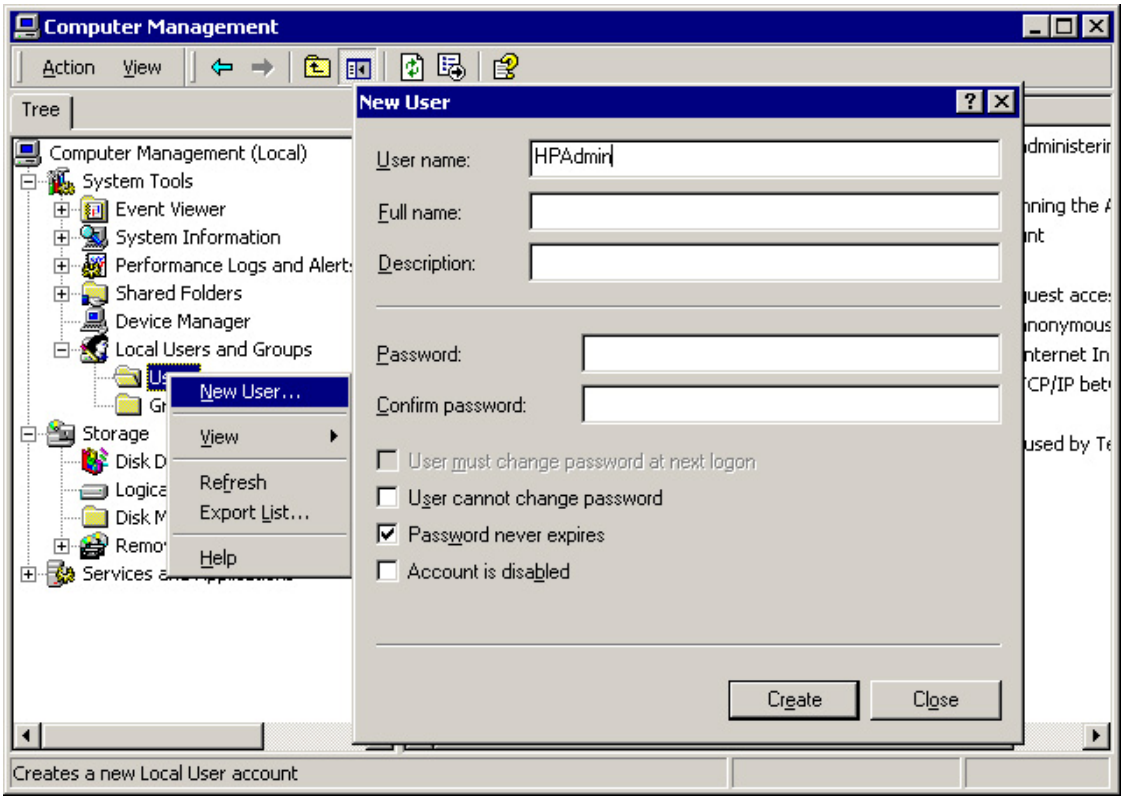
1. Give the HP Production Flow server access to the Prinergy or Prinergy Evo job home.

   a. On the HP Production Flow server, create a new account with administrator rights. For example, give it a user name `HPAdmin`.

   You cannot use the existing account used by the HP Production Flow web services, because it is a local system account. It is not possible to give a local system account permission to access a remote file server.

   b. On the HP Production Flow server, change the properties of the web services so that they start up under the new `HPadmin` user account that you created.

   c. On the Prinergy or Prinergy Evo job home server, add the new `HPadmin` user account. The passwords for this account must match the password on the HP Production Flow server.



2. Give Prinergy or Prinergy Evo access to the HP Production Flow server.

   For example, on the HP Production Flow server, add the user account `Araxi`. The default password for the `Araxi` account is `ARAXI`.

Create a Process Template for the HP Production Flow Server

Set up a process template to submit jobs from the Prinergy or Prinergy Evo software to the HP Production Flow server.

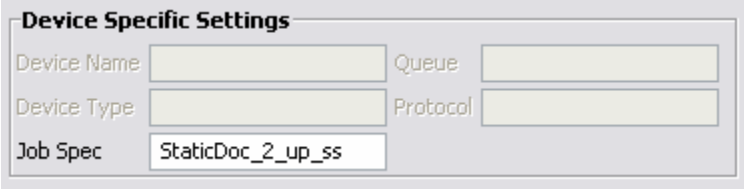
For more information about process template settings and how to create them, see the Prinergy Workshop Help or the Prinergy Evo Client Help.

1. Start the Prinergy Workshop or Prinergy Evo Client software.
2. Create a new process template.
   - In Prinergy, use the Loose Page Output process template or the Imposition Proof process template.
   - In Prinergy Evo, use the Output From PDF process template or the Output From Imposition process template.
3. In the **Output To** list, select any PDF option.
4. Enable digital printing.
   - In Prinergy, select the **Include JDF for Digital Print** section.
   - In Prinergy Evo, select the **Digital Print** section.
5. In the **Device Selection** area, in the **Select a device type** list, select **HP Production Flow**.
6. In the **JDF Path** box, type `\\<HP server>\default-AUUID\input`.
7. Leave the **PDF Path** box set to the default— `%job%\Proofs` for Prinergy and `.\Proofs` for Prinergy Evo—to prevent PDF files from consuming disk space on the HP Production Flow server.
8. In the **JDF Template** box, click **Browse** to select the appropriate JDF template.

- In Prinergy, look in:
  \\<**Prinergy server**>**AraxiHome****CreoAraxi****data**\
  DigitalPrintTemplates**ProductionFlow**
- In Prinergy Evo, look in: \\<**Prinergy Evo server**>**PgyEvoConfig**\
  DigitalPrintTemplates**ProductionFlow**

9. In the **Device Specific Settings** area, in the **Job Spec** box, type the name of the workflows the HP Production Flow server uses when processing this job—for example, `StaticDoc_2_up_ss`.

   For information on how to set up workflows in the HP Production Flow server, see the HP Production Flow documentation or contact HP technical support.



10. Save the process template and close the process template editor.

Test the Setup

➢ In the Prinergy or Prinergy Evo software, select pages or imposition plans, and start the process template that you created for the digital printer.

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