

JPS Test Client

Overview and Procedures for Testers and Support Specialists

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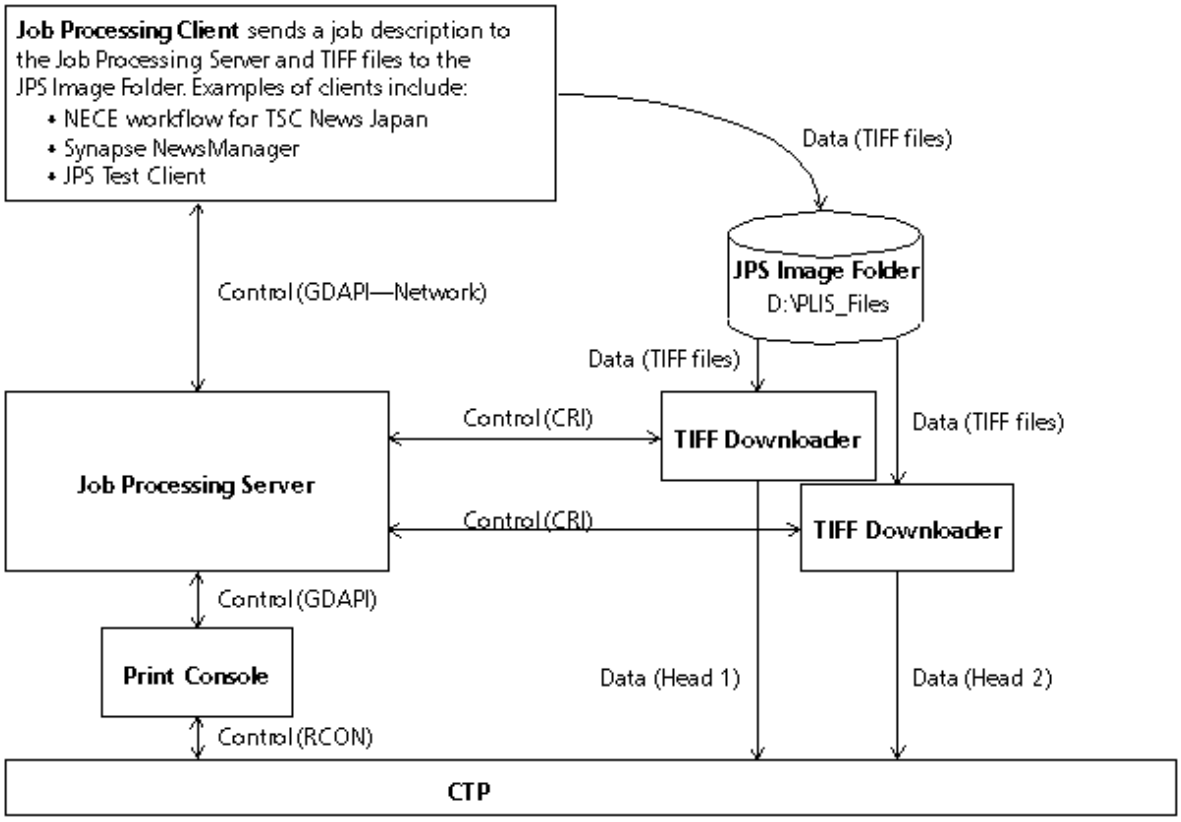
1. ABOUT THE JPS TEST CLIENT

The Job Processing Server (JPS) is a component of the CTP workstation that processes TIFF files for single- or dual-head devices. JPS makes it easier for workflows to send jobs to devices because the workflow can treat a dual-head device the same as a single-head device.

JPS has been tested and approved for:

- The Japanese Newspaper OEM engine (also known as TSC News Japan)
- Trendsetter® NEWS devices that use Synapse® NewsManager as a workflow (allows Synapse NewsManager to drive both single-head and dual-head NEWS devices)

Internal development teams and product support specialists can use the JPS Test Client for testing a JPS configuration.



2. SETTING UP JPS DURING PRINT CONSOLE INSTALLATION AND CONFIGURATION

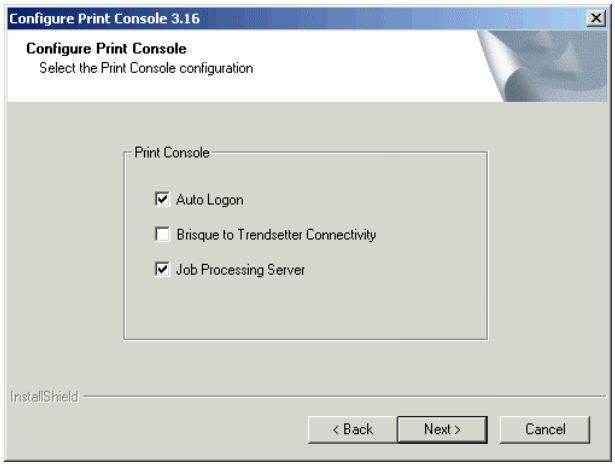
JPS and the JPS Test Client are included in the Print Console installation. Before you can use them, however, you must:

- Select **Job Processing Server** as an option in the Print Console installer
- License Creo TIFF Downloader
- Set up media sizes in Print Console

- Ensure that the dual plate option is enabled in the firmware if you are using JPS with a dual stack device (which is true for all of the Trendsetter NEWS devices)
- Designate the folder that will hold the TIFF files used by JPS. If you are using JPS with Synapse NewsManager, make sure that this folder is set up to be shared with other users on your network.

2.1 Select Job Processing Server as an option in Print Console

JPS connects to Print Console via GDAPI. To use JPS with Print Console, you must select **Job Processing Server** as an option during Print Console installation.



If you miss this step during the initial installation, run the Print Console installer again and select **Configure Software**.

2.2 License TIFF Downloader

JPS requires that you have a valid TIFF Downloader license. For the TIFF Downloader licensing procedure, see the *Print Console Installation Guide* for the version of Print Console that is installed on your workstation.

2.3 Set up Media Sizes in Print Console

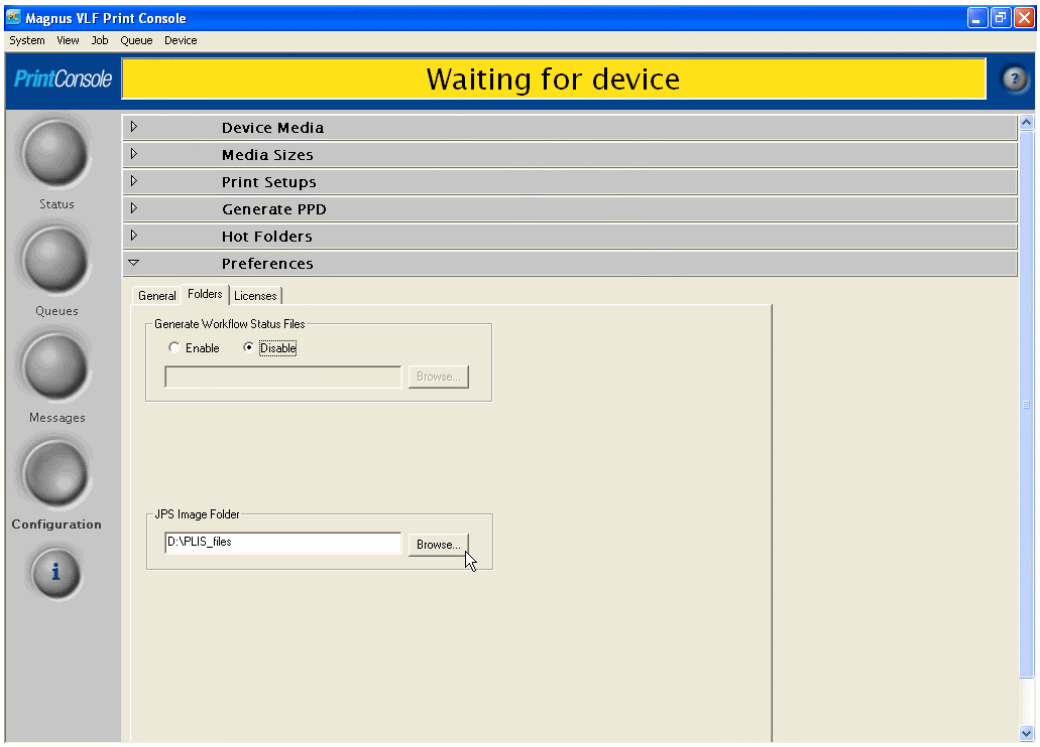
Before you can start using the JPS Test Client, you must define media sizes in Print Console. See the Print Console online help for the procedure.

2.4 Set up a JPS Image Folder

You must specify which image folder will store the TIFF files that will be used with JPS. The default is **D:\PLIS_files** (PLIS is the acronym for Plate Imaging Station). If you want to choose a folder with a different name or different location, run Print Console and select the folder in **Configuration > Preferences > Folders > JPS Image Folder,** following the instructions in the online help. This field will be available only if you have chosen **Job Processing Server** as an option during installation.

If you are using JPS with Synapse NewsManager, the image folder must be shared with other users on your network. Right-click the folder name, select **Sharing** (or **Sharing and Security**), and make the appropriate configurations for your network.

Important: You cannot select TIFF files from other folders for JPS jobs (for example, when you are selecting a file to use with the JPS Test Client).



3. USING THE JPS TEST CLIENT

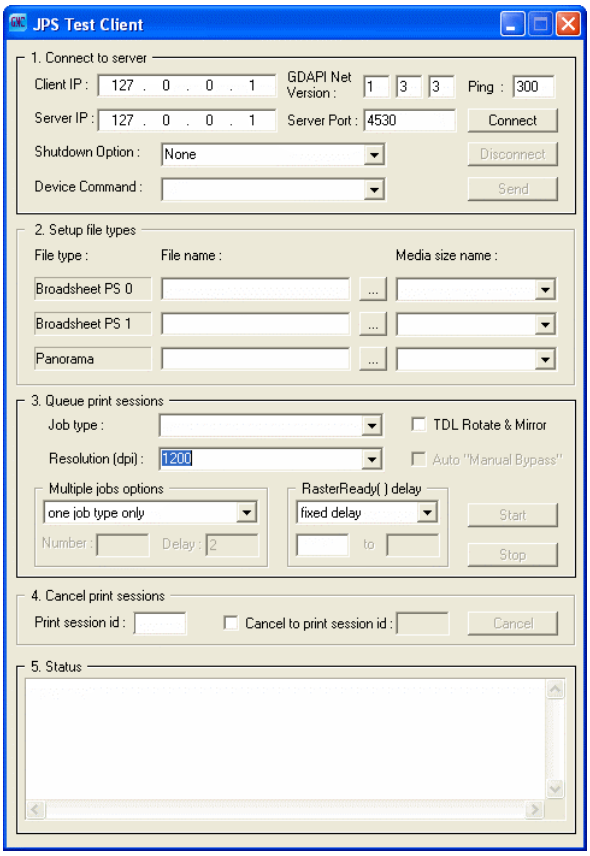
The JPS Test Client allows system testers to set up various testing scenarios. It also allows support specialists to diagnose whether problems are due to Print Console or workflow setups:

- If a job fails in the test client, the problem is probably in the Print Console setup.
- If a job succeeds in the test client but fails elsewhere, the problem is probably in the workflow.

To use this tool, you must run the JPS Test Client, set up the test job (or jobs), and then start sending the test jobs.

To use the JPS Test Client:

1. Start **C:\PrintConsole\bin\JPSTestClient.exe**.



2. In the **Connect to server** section, configure the following and click **Connect**.

Client IP	The network address of the workstation that has the JPS Test Client you are using. If you are using JPS with Synapse NewsManager, this will probably be different from the **Server IP** (below).
GDAPI Net Version	Accept the default.
Ping	Accept the default.
Server IP	The network address of the workstation where Print Console and JPS are installed
Server Port	Accept the default.

3. When connected, enter any desired settings in the remaining boxes in the **Connect to server** section.

Shutdown Option	Select the shutdown action that will occur when you click **Disconnect**: • **None** • **Software restart** • **Computer reboot** • **Computer poweroff**
Device Command	While connected, you can issue any of these commands. Select the command and click **Send**: • **Unlock doors** • **Lock doors** • **Reset device**

4. In the **Setup file types** section, you can set up various file types. In the **Queue print sessions** section, you will select one of these file types:

File type	Depending on the device (single- or dual-head), there will be various file types. Typical types include: • **Broadsheet PS 0**: Single broadsheet, with the file imaged by the master head • **Broadsheet PS 1**: Dual broadsheet, where one file is imaged on the master head and the other file is imaged on the slave head *or* one file is imaged by the slave head • **Panorama**: One file is imaged by either one head or two
File name	For each file type that you want to set up, browse to select a TIFF file from the folder that you designated as the **JPS Image Folder**.
Media size name	For each file type, select from a list of media sizes configured in Print Console.

5. In the **Queue print sessions** section, set up the job or jobs that you want to send and click **Start**.

Job type	Select one of the job types that you set up in the **Setup file types** section.
TDL Rotate & Mirror	If desired, select this check box to have the Creo TIFF Downloader rotate and mirror the image.
Resolution (dpi)	Select the desired resolution.
Auto "Manual Bypass"	This check box applies only to devices that have plate bays. If you select this setting, Print Console will try to find a bay that has plates loaded with the media size specified in the file type you selected. If it cannot find a bay with the appropriate media size, it will prompt the operator to perform a manual bypass.
Multiple jobs options	This setting allows testers to set up various types of testing scenarios: • **one job type only** • **multiple of same job type** • **multiple of same job type (limit 2)**: For manual machines such as the Japanese Newspaper OEM engine. If you set up multiples of the same job type, the test client will not send more than two at a time to the queue. • **multiple of random job types** • **multiple of random job types (limit 2)**: For manual machines such as the Japanese Newspaper OEM engine. If you set up multiples of random job types, the test client will not send more than two at a time to the queue. This setting is not useful for product support.
Number	If you select a job option that involves a **multiple of the same job type** or **multiple of random job types**, use this box to specify how many jobs should be sent.
Delay	If you select a job option that involves a **multiple of the same job type** or **multiple of random job types**, use this box to specify the delay (in seconds) between jobs.
RasterReady( ) Delay	Use this box to specify the delay from the time that JPS reports that the device is ready to receive raster data to the time that the job is sent: • **no delay**: usual choice

	• **fixed delay**: one box will be available below **RasterReady( ) Delay**—enter the number of seconds for the delay • **random delay**: two boxes will be available below **RasterReady( ) Delay**—enter an acceptable range of numbers (of seconds) for the random delay
Start	Click **Start** to send the job.
Stop	If you set up the **Queue print sessions** section to send multiple jobs, but later decide that you don't want to process them all, click **Stop** to stop new jobs and cancel pending jobs.

6. In the **Cancel print sessions** section, you can cancel one job or a range of jobs.

Print session id	Enter the ID of the job you want to cancel, then click **Cancel**.
Cancel to print session id	Enter the ID of the first job in a range of jobs in **Print session id**, select the **Cancel to print session id** check box, enter the ID of the last job in a range of jobs, and then click **Cancel**.

7. Use the **Status** section for debugging.

4. TROUBLESHOOTING

4.1 JPS and Two Instances of Creo TIFF Downloader Are Not Running

To use JPS, two instances of TIFF Downloader are required, even for single-head devices. When you select **Job Processing Server** as an option during installation, two instances of TIFF Downloader are enabled, as is JPS. If you suspect that these three components are not running, check **begin.inf** to see if two command lines relating to TIFF Downloader and one line relating to JPS are commented out. If they are, there are two ways to solve the problem.

Solution 1: Run the Installer Again and Select Job Processing Server

1. Run the Print Console installer again and select **Configure Software**.
2. In Configure Print Console, select **Job Processing Server**.
3. Click **Next**, and then **Finish**.

Solution 2: Change Registry Settings

If you do not have the Print Console installer available, you can set up the JPS option by configuring these registry settings:

HKEY_LOCAL_MACHINE\SOFTWARE\Creo\PrintConsole\v2.0\GdapiConfiguration

JobProcessingServerIsInstalled dword = 00000001 or 00000000

HKEY_LOCAL_MACHINE\SOFTWARE\Creo\JobProcessingServer\Gdapi

GdapiDllName D:\\PrintConsole\\bin\\PrintConsoleGdapi3.dll

Retrycount dword = 0000001e

HKEY_LOCAL_MACHINE\SOFTWARE\Creo\JobProcessingServer\SystemConfig

LogSocket	dword = 00001075
LogHostname	localhost
CurrentUnits	dword = 00000000
ImagesPath	D:\\PLIS_files