WORKFLOW

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1 WORKFLOW

Moving to Print Console 4 provides benefits to workflow. This module outlines the benefits for Prinergy, Prinergy Evo, Brisque, and third party workflows.

1.1 Improvements for all Workflows

Moving to Print Console 4 provides the following improvements:

- **Speeds error recovery** by walking operators through the recovery process and by offering operators Online help for errors.
- **Internationalized for ease of use**, supporting Chinese (simplified and traditional), French, German, Italian, Japanese, and Spanish.
- **Maximizes throughput** by automatically grouping images for dual plate loading. For devices that load two plates on the drum at once Print Console 4 automatically groups images across workflow jobs, meaning that the workflow can send image groups of any size and Print Console will automatically make groups of two for matching plate sizes, thus maximizing throughput.
- **Reduces plate waste** by rescheduling plates if images are cancelled and the next image requires the same plate. This feature saves plates and processor chemicals when you need to cancel a job and the next job can use the same plate; it also saves time.
- **Reduces the need to resubmit workflow jobs** by automatically assigning a job to a new plate when a picking or loading error occurs.

1.2 TIFF Processing

TIFF processing has moved from Print Console to Prinergy Evo; the items moved include:

- Hot Folders and their associated configurations.
- Print Setups, which move to Evo process templates.
- The following TIFF queue management features have moved to Evo: cancellation, setting priorities, and re-submitting images.

The following sections:

- Highlight the major features offered by Prinergy Evo.
- Describe migration tools that ease the transition of TIFF processing from Print Console to Prinergy Evo.

1.2.1 Prinergy Evo Features

- **Remote Clients**
  Prinergy Evo is a client/server system. Native clients are available for both Macintosh OS X and Windows based PC's.

- **Process Remake**
  Remaking plates is easy with Prinergy Evo. Prinergy Evo caches necessary files so you can resubmit the process as it was processed before or with a new process template. (Remake by Separation ID is not supported with TIFF input)

- **Output file formats**
  In addition to directly driving Kodak devices, the following raster output formats are supported: DCS Raster, EPS Raster, HPRTL, LQS TIFF, PDF Raster, Virtual Proof (VPS)

- **Process Viewer and Processing History**
  Allows you to view the progress and status of a process. Process history allows you to easily track down warning and error messages.

1.2.2 Prinergy Evo Optional Features

- **PrintLink**
  The PrintLink feature allows you to generate CIP3 (PPF) and CIP4 (JDF) compliant files for automated ink key systems. If you are required to shift or rotate TIFF files in order to position the image correctly on plate, generating the ink key files in Prinergy Evo ensures ink settings match the plate.

- **Web Growth Compensation**
  Web Growth Compensation provides linear and non-linear distortion of individual plate separations to account for paper stretch in web press operations.

- **Flat Rotation**
  Flat Rotation is a small angle rotation of the output image. It is used to overcome artifacts ("ghosting") that presses introduce when the ink distribution changes abruptly due to the density of content varying in different areas of a plate.

1.2.3 Migration Tools – Migrate to Print Console 4 and Evo

Migration tools speed the transfer of settings from Print Console 2.x and 3.x into Print Console 4 and Prinergy Evo; these tools:

- Capture Print Console 2.x or 3.x configuration information.

- Import media size and cassette information into Print Console 4.

- Import Hot Folder and Print Setup information into Prinergy Evo and automatically create new Process Templates and Hot folders.

In most cases these tools run automatically when Print Console 4 is installed as part of a Controlled Release.

1.3 Prinergy

Customers using Prinergy will notice very little change moving to Print Console 4, with the exception of the improvements provided by Print Console 4 such as plate re-scheduling and better handling of dual stack devices.

Note for Prinergy users that used the TIFF processing capabilities of Print Console that Prinergy Evo is now required to process TIFF files.

1.4 Brisque

The Brisque workflow connection to Print Console 4 is provided via Screen2Go which generates TIFF files and feeds them into Evo Hot Folders.

For TMCE systems a direct connection will be supported in early 2006; an interim solution is possible via Screen2Go and Evo TIFF Hot Folders.

1.5 Third Party Workflows

Third party workflows are now supported by submitting TIFF files to Prinergy Evo Hot Folders.

1.6 Workflow Support Summary

The workflows supported by Print Console 4 are listed here. Note that the plan is to support all workflows, but there are some exceptions with the initial December 2005 release of Print Console 4.

Workflow	**Input File Formats**	**Supported in Print Console 4 [1]**	**Data Path Supported**		
			SCSI **TMCE**	TSP **TMCE**	Gigabit Ethernet **GMCE**
Prinergy Connect	PDF, PS, DCS, EPS, CT/LW, TIFF/IT	December 2005	✓		✓
Prinergy Evo – Normalize	PDF, PS, DCS, EPS, CT/LW, TIFF/IT	December 2005	✓		✓
Prinergy Evo – Output from PostScript	PS	December 2005	✓		✓
Prinergy Evo – TIFF	1-bit TIFF	December 2005	✓		✓
Brisque: **via Screen2Go and Evo TIFF Hot Folders**	CT/LW, PDF, ICF,TIFF (1-bit, IT, 8-bit)	December 2005	✓		✓
Brisque: **Direct** TSP on TMCE only; all other connections will be via Screen2Go.	CT/LW, PDF, ICF,TIFF (1-bit, IT, 8-bit)	February 2006		✓	
Synapse News Manager	PDF, 1-bitTIFF	TBD	✓		✓
3rd Party Workflows via Evo TIFF Hot Folders	3rd party	December 2005	✓		✓

[1] Any Controlled Release completed after this date and that contains Print Console 4 will support this configuration. Existing or planned Controlled Releases are:

- Magnus VLF CR 3.0 – released December 2005
- Magnus VLF CR 3.1 – to be released April / May 2006