INTRODUCTION

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1 INTRODUCTION

1.1 Print Console High Level Overview

Print Console:

- Connects to your workflow to accept files for imaging on plates.
- Shows the status of your Computer to Plate device (**CTP**) as it loads and images plates.
- Provides tools to configure your CTP.
- Supports error recovery by displaying the error, recovery information, and associated help.

1.2 Queue Management

Queue management has moved completely to workflow, this includes cancellation, setting priorities, and re-submitting images.

Note however that the queue in Print Console can be paused while dealing with a device error.

The Queue tab in Print Console provides read-only information about jobs and associated media as they pass through each stage of the CTP:

- **Print Console** provides the status of each stage in the CTP.
- **Workflow** provides image processing status and queue management of final output.

1.3 Major Improvements

The major improvements provided by Print Console 4 are:

- **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.
- **Immediate access to daily tasks** via operation buttons.
- **Quickly identify anything in Print Console** using tool tips; for more detailed information, use the online help.

1.4 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 previous versions of Print Console to Prinergy Evo.

1.4.1 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**
  Re-making 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.

1.4.2 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.

1.4.3 Migration Tools – Migrate to Print Console 4 and Evo

Migration tools included with Print Console and Evo 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.