New features in Prinergy Workflow 8.1

This section lists features and enhancements that were added in this release.

Digital Job Ticket Editor presets

Note: To use the Digital Job Ticket Editor or the new presets feature, JDF-enabled digital devices must be added via the Setup software. Any digital device added via Managed Connections in Prinergy Administrator (UADM) will be treated as a legacy-type device and digital output to such devices will be performed via the legacy method in which you can only select the number of copies and assign a JDF job ticket, but cannot edit this job ticket.

This release introduces presets—a named collection of settings defined in the Digital Job Ticket Editor that you can save and reuse at a later time. After you finish defining the settings in the Digital Job Ticket Editor, click ⬚ (located on the right of the **Preset** box), and select **Save As** to create a preset of these settings.

You can create presets, change them, rename and delete them. You can also reload the last-saved settings of a preset from the Prinergy server. This is extremely useful when more than one clients are using the same presets at the same time.

Notes:

- Presets are not availble in Device Track.
- The asterisk character '*' cannot be used in a preset name.
- Double spaces or more result in one space in a preset name.
- The collection of presets are part of the Prinergy System Backup & Restore procedure.

Using Output ICC Profile for color management in the Digital Job Ticket Editor

Note: To use the Digital Job Ticket Editor or the new presets feature, JDF-enabled digital devices must be added via the Setup software. Any digital device added via Managed Connections in Prinergy Administrator (UADM) will be treated as a legacy-type device and digital output to such devices will be performed via the legacy method in which you can only select the number of copies and assign a JDF job ticket, but cannot edit this job ticket.

You can now perform color management when you submit a digital job to your digital device, by selecting the appropriate ICC profile in the **Output Profile** setting in the **Substrate** tab of the Digital Job Ticket Editor.

To use this setting, you must first perform the following three required setup steps:

1. Load valid CMYK ICC profiles into the correct location on the Prinergy server. Add your ICC profiles to `C:\Prinergy\CreoAraxi\Data\ICC-Profiles\Printer\Digital Output\`. In the `Digital Output` folder, you can create sub-folders to organize your profiles in logical groups (such as, device type or name). The **Output Profile** list, displayed on the **Substrate** tab of the Job Ticket Editor, will reflect this hierarchy. In each sub-folder, the profiles are displayed in an alphanumeric order. It is your responsibility to ensure that only valid CMYK ICC profiles are placed in the `Digital Output` folder.

2. If required, set the **Source or DeviceLink Profile** setting in the **PublishFile ColorMgmt On** process template to the ICC Profile typically used as the PCO during the refine stage.
3. If desired, load any Color Libraries (color databases) into the **PublishFile ColorMgmt On** process template, so that they can be used if spot colors need to be converted to process during output.

The color management of pages occurs in two stages. Stage one, which corresponds to the Refine process in Prinergy, takes all L*a*b, RGB, and tagged CMYK objects and converts them to a standard CMYK space known as the Primary Color Output (PCO). Stage two, which occurs after the job has been submitted from the Digital Job Ticket Editor, takes the CMYK PDF from stage one and converts it to the destination space using the ICC profile selected in the **Output Profile** setting in the **Substrate** tab of the Digital Job Ticket Editor.

The Digital Job Ticket Editor uses the **PublishFile ColorMgmt On** process template, which has color management activated, when digital jobs are submitted with a selected ICC Profile in the **Output Profile** setting.
The **'PublishFile'** process template, which has color management disabled, is used when digital jobs are submitted with **None** selected in the **Output Profile** setting.

Color management via the Digital Job Ticker Editor can be performed only on refined data, that is, elements in the **Pages**, **Page Sets**, or **Imposition Plans** sections of Workshop. If you submit a job from the **Input Files** section, the **Output Profile** setting is not available in the Job Ticket Editor.

Notes:

- The selection of the ICC profile is not available in Device Track.
- The selection of the ICC profile cannot be controlled through RBA.
- The ICC profile selected in the **Substrates** tab in the Job Ticket Editor is applied to the entire job, not to individual substrates. Jobs requiring multiple ICC profiles, need to be submitted as multiple jobs.
- If a DeviceLink profile is used during the refine process, the PCO must still be set in the Refine profile, so color management can be used in the Job Ticket Editor.
- In the event that spot colors are converted to process after processing through the Digital Job Ticket Editor, the Perceptual rendering intent will be used.

New license: Digital JDF Bi-directional Communication

Digital JDF Bi-directional Communication is a license that provides the Prinergy user with a suite of new options supporting JDF communication to Digital Front End (DFE). This suite includes Setup, Digital Job Ticket Editor and Device Track.

Setup

The DFE hosts a wide variety of information from the screening process, to substrates, to paper handling, and in some cases inline finishing. Setup offers the ability to read Device Capability (DevCap) information from digital press front ends and apply it to Prinergy Workflow allowing you to control, process, publish and track to documents completion. For presses that are supported in Prinergy Workflow 8.1 with Digital JDF Bi-directional Communication, connections must be configured through the Setup application. Digital Submit and Digital Direct connections made with the older method through the Prinergy Administrator (UADM) will continue to work

as-is, but will not take advantage of the new features available with Digital JDF Bi-directional Communication. For details about which digital press models are supported with the new connectivity, see Supported digital presses in the Prinergy Workflow 8.1 Release Notes.

Digital Job Ticket Editor

Digital jobs (in the Input File, Page Set, and Signature levels) are submitted in Workshop after their settings are defined in the Digital Job Ticket Editor. When Prinergy servers connect to a digital device via Setup, the device communicates its capabilities in JMF format. The values for the different parameters are updated in the Setup application per device, and are reflected in the job ticket options (Digital Job Ticket Editor). The options in the Digital Job Ticket Editor are based on the capabilities of the selected device. The new JDF/JMF connectivity method enables you to change the job settings in Prinergy's Digital Job Ticket Editor based on the available options of the connected digital device.

Device Track

Device Track provides a view of all your digital devices. Digital documents that have been submitted via Prinergy Workflow or third-party solutions can be tracked from process to completion. Digital submissions can also be edited via Device Track, with the limitation that Digital Job Ticket Editor presets and ICC profile selection cannot be changed If a document needs to be re-submitted, or was not targeted to a digital device; you can access the Digital Job Ticket Editor to change DevCap properties and submit from Device Track, without having to resubmit the output from Prinergy Workshop.

Supported Digital Presses

- EFI — Fiery LS200
- HP — SmartStream Production Pro 4.6 or later
- KONICA MINOLTA — IC-602 Image Controller and IC-603 Image Controller
- KONICA MINOLTA — IJ Manager
- RICOH — Print Server R-61 and R-61A