Creo Color Servers and Avanti Graphic Arts Management System

Creo Color Servers - the Experts in Workflow Connectivity

Creo Color Servers are backed by a strong track record in workflow, and engineered to provide your business with a sustainable competitive advantage. They allow seamless integration of digital production presses in various production workflows, without any need for additional utilities, plug-ins or costly options. **Creo** Color Servers benefit from broad connectivity through strong alliances with leading workflow and VDP vendors. They support automation with tested, flexible, industry-standard open connectivity, including built-in **JDF** (Job Definition Format) and tight bi-directional integration with the other workflow solutions on your print production floor.
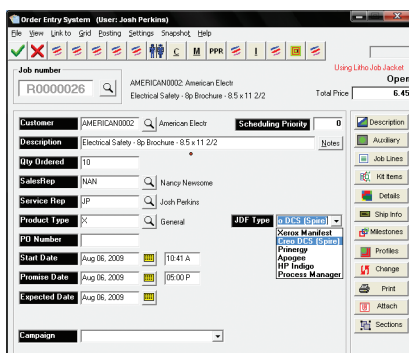
*Read more in the **Creo** Color Servers - the Experts in Workflow Connectivity datasheet.*

- Direct connectivity between Avanti System and **Creo** Color Server driven digital presses

- Full customization of **JDF** mapping controls via the Avanti **JDF** mapping set mechanism

- Any **Creo** Color Server **JDF** setting can be mapped to any Avanti System job parameters
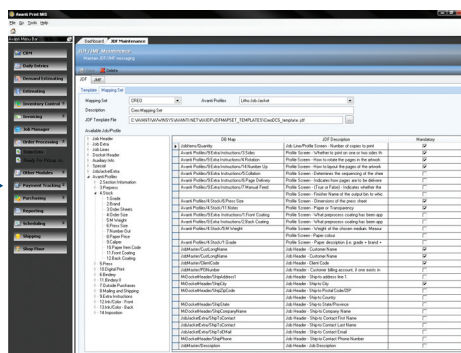
About Avanti Graphic Arts Management System

Avanti provides a complete **JDF**-certified Business Management Software system that runs commercial and in-plant print facilities. In business for over 25 years, Avanti specializes in software solutions for sheetfed, web, digital, large-format printing and binderies, with integrated modules extending from the Internet through to the shop floor, CRM and invoicing. Avanti has developed an award-winning **JDF** framework that allows the seamless integration of any machine or software application into your print workflow, preserving data integrity and ensuring the cross-system communication that is vital to realizing the benefits of CIM (Computer Integrated Manufacturing).
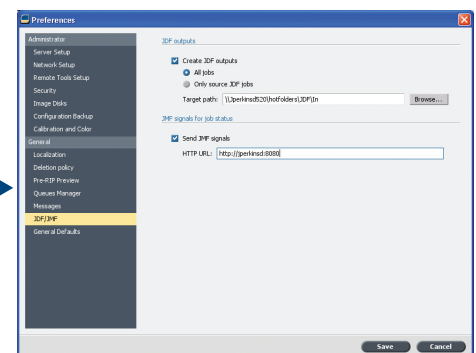
Avanti also provides alternative solutions to the **JDF** framework by providing third-party software integrations, to ease your company's adoption of CIM.

Order Entry-**Creo** Color Servers **JDF** Type

JDF Maintenance-**Creo** Color Servers Mapping Set

Creo Color Servers Job Ticket-Preferences

You Select. We Connect.

Creo Color Server and Avanti Graphic Arts Management System Connectivity

- Jobs can be sent to the **Creo** Color Server in three ways:
- Directly from the Avanti System to the **Creo** Color Server
- From the Avanti System to the **Creo** Color Server via the site's prepress workflow system, such as the **Kodak Prinergy** Workflow System, **Xerox** FFPM, **Agfa :Apogee** Prepress, and others
- Bi-directional communication between the Avanti System and the **Creo** Color Server

The **Creo** Color Server is configured in the Avanti **JDF**/JMF Maintenance Window, either as a Hot Folder, or HTTP Communication, or both.

Mapping the color server's job properties to **JDF** on the Avanti System is completely customizable and very flexible. In the Avanti **JDF**/JMF Maintenance Window, a **JDF** mapping set is created for the **Creo** Color Server where all the relevant color server **JDF** settings are mapped to Avanti DB parameters, e.g. media names. Any **Creo** Color Server **JDF** setting can be mapped to any job parameter on the Avanti System, for all the jobs that use this mapping set. A number of mapping sets can be generated to support different workflows, or different digital presses that are driven by **Creo** Color Servers.

A basic **JDF** file (finishing is not supported) is sent to the **Creo** Color Server with a path indicating the PDF file's location. The **Creo** Color Server returns **JDF** data to the Avanti System, indicating the job status so the job can proceed.

The combined workflow allows tracking of actual production data in real time: the **Creo** Color Server sends a **JDF** file back to the Avanti System when the job is complete, which contains the run time, number of clicks, and paper (media) information. From this information, costing information is generated, scheduling (milestone/status) information is updated, and inventory (stock/media/paper) levels are adjusted in the Avanti System, all in real time.

Connectivity Benefits

Benefit	How?
One centralized Avanti workflow controls the entire lifecycle of job in the system (MIS & Production)	Job is mapped to the cost center. The Avanti System manages job production, and generates and manages milestones (scheduling, emails, reports, etc.)
All job costs are known for better pricing and future quotes	Actual costing, labor and materials, invoices Drag-and-drop jobs using **Kodak Prinergy** Digital Workflow, Digital Submit
Fully customizable	High flexibility on **JDF** mapping controls via the Avanti **JDF** mapping set mechanism
Complete lights-out operation mode	From job ordering to fulfillment, using partner systems like **Press-Sense** or **Pageflex** Storefronts, directly to **Creo** Color Server, or via **Xerox** FFPM, digital printing and back to Avanti System for finishing and shipping

For more information about **Creo** Branded Products, contact your local representative or visit **www.creoservers.com**

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COLOR SERVERS