PS/M

Macintosh-based
prepress workflow

creo™

PS/M
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Powerful, flexible workflow automation

PS/M is a powerful Macintosh®-based workflow software solution with a full complement of prepress tools and an intuitive user interface. For maximum flexibility and productivity, PS/M can be installed on as many computers as needed. Individual workstations can be dedicated to specific tasks, from interfacing with a DTP workstation to RIPing, trapping and exposing. PS/M automation is fast and easy to use: simply drop files into Hot Folders. Each Hot Folder acts like an AppleTalk® printer, queuing files for automated RIPing, trapping and imaging.

To enhance your creativity and productivity, choose from the suite of Plug-Ins and Extenders for DTP applications & Adobe® Acrobat® . These Extenders offer additional functionalities, allowing you to automate your workflow and increase your productivity with PS/M.

Increase efficiency and productivity, and reduce chance of error

PS/M was designed to reduce waste and make prepress work more flexible and manageable. Operators have full control of the process, and can preview files in PostScript® or PDF form prior to imaging to avoid errors and wasted media. RIPed files are saved in the stable CT/LW format, so they can be saved and/or edited, then reproofed or re-imaged without reRIPing the entire job. Convenient features like automatic low-res image replacement and automated Full Auto Frame (FAF) trapping accelerate processing time, and Turbo Screening™ technology improves image quality. For pre-separated workflows, a merge application creates composite files for faster, more accurate trapping.

With the optional Synapse™ Prepare software, designers and prepress professionals can be assured that delivered files are press-ready, and built to the correct specifications.
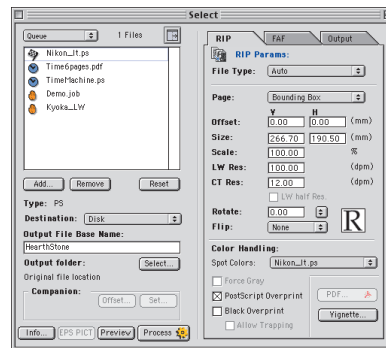
Choose your output options

PS/M can output to Iris® contract proofers via IQ Pro, or send a single TIFF CMYK file to a proofer. It can image directly to many CTF and small format CTP devices.

Using the PDF2Go option, post-RIP PDF files can be exported to remote sites or sent to customers for viewing on any computer platform. Output devices can be driven to their maximum capacity by networking two PS/M workstations, or a PS/M and Brisque™ workstation, as a dual RIP.

With advanced automation, flexible connectivity, sophisticated trapping and color management, PS/M is the Macintosh-based prepress workflow solution of choice.
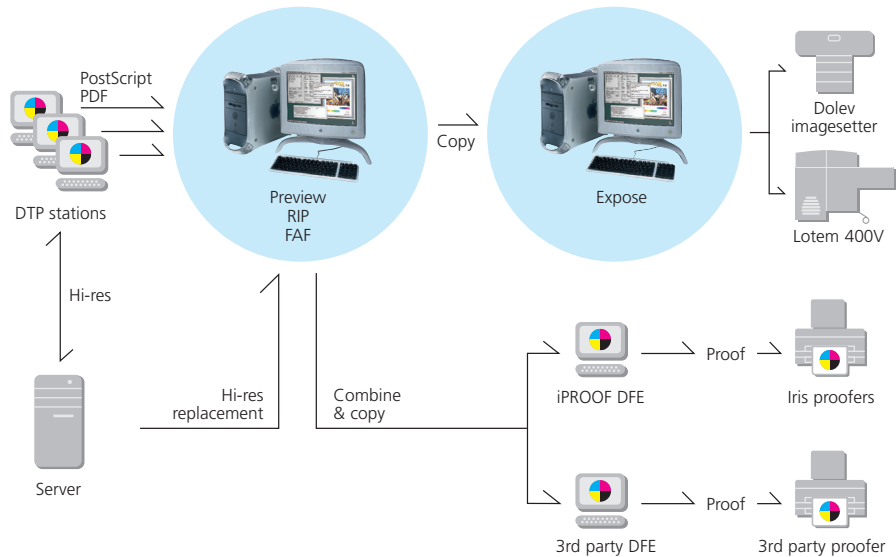

'Select' window

The intuitive GUI shows the files in the queue and their status, at a glance.
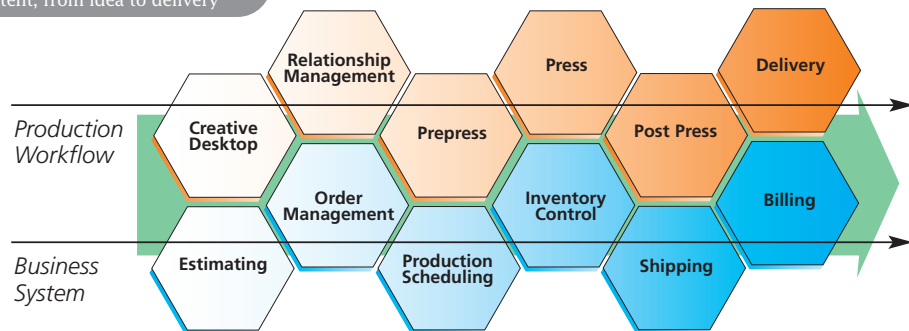
PS/M
Macintosh-based workflow

The automated workflow takes files through the complete preprint process, with minimal operator intervention.

DTP stations

PostScript PDF

Preview RIP FAF

Copy

Expose

Dolev imagesetter

Lotem 400V

Hi-res

Server

Hi-res replacement

Combine & copy

iPROOF DFE

Proof

Iris proofers

3rd party DFE

Proof

3rd party proofer

Networked Graphic Production from Creo

Connecting people, process and content, from idea to delivery

Networked Graphic Production links creative, production, and business technologies to make printing more streamlined and to better serve everyone involved in the print process. Tightly integrating Creo and partner technologies, Networked Graphic Production is an ongoing development that promises:

Relationship Management · **Press** · **Delivery**

Production Workflow — Creative Desktop · **Prepress** · **Post Press**

Order Management · **Inventory Control** · **Billing**

Business System — Estimating · Production Scheduling · Shipping

Improved Customer Service
by using the Internet for online quoting, job submission, project collaboration, as well as online proofing, change requests and approvals. Online communication saves courier and travel costs, reduces production delays, and provides a record of each interaction.

Streamlined Production Management
with all systems tied into one database-driven network to track every transaction. Resource planning is simplified, billing errors and change orders are reduced, while automatic load balancing optimally allocates jobs to operators and equipment.

Integrated Production and Business Systems
increase efficiency, collaboration and coordination by merging information about scheduling, invoicing, billing, and purchasing into the production network.
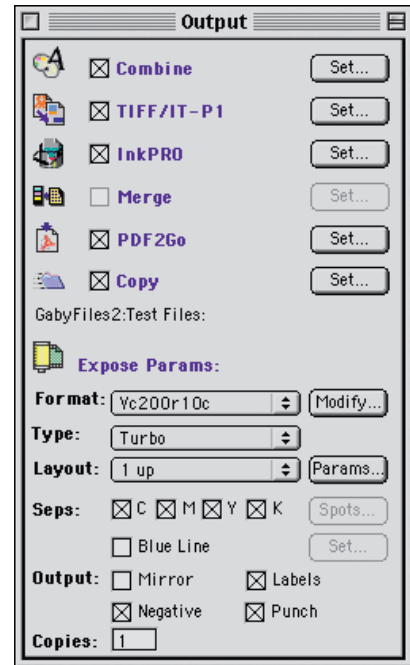
Optimized Press-ready File Creation
with automated software tools, designers and prepress shops can reduce the cost of errors and the delays to repair files.

Automated Content Management
provides software tools for regionalization, versioning, personalization, job-based archiving, and re-purposing of print and electronic publishing. An integrated production network will provide quick access to online digital assets, such as image libraries, templates, and reprint jobs.

PS/M Options

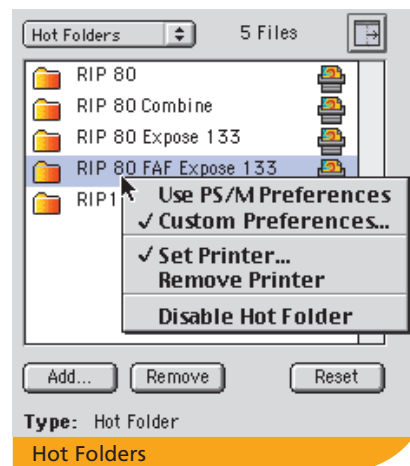|	Options
Full Auto Frame (FAF) trapping	Built-in trapping (patented Post-RIP trapping) provides superior control and flexibility. Automated FAF using PS/M; interactive FAF using PressTouch. Supports Creo SuperTrap™ Plug-In for Adobe Acrobat.
Post-RIP trapping	Adds flexibility, removes the need for reRIPing. Supports PressTouch FDL (FAF Decision List) and FAF Zone Protection, used in PS/M FAF automatic batch trapping mode
PDF2Go (creates post-RIP PDF files)	Converts post-RIP files to PDF format, for cross-platform file export. PDF files are predictable and consistent, and are very useful for exporting to remote sites or to customers, for viewing on any computer platform
InkPRO™ Automation	Automated Machine Ink-Key setup for superior print quality. Also enables low cost color proofing directly to HP proofing devices (HP 650, 750, 1050, 2000, 3000, Iris43WIDE™)
Synapse Prepare	Controls PDF file creation to ensure compatible PDF files that precisely matches the press' technical specifications.

'Output' window

Output options allow users a choice of parameters for maximum flexibility

File Types / Output Devices

Input file types PostScript, EPS, PDF, CT/LW, TIFF, TIFF/IT-P1, TIFF Bit Map

Process file type CT/LW

Output file types CT/LW, PDF, TIFF/IT-P1, TIFF

Proofing devices
- Creo Iris proofers via IQ Pro
- Creo Iris iPROOF
- Other Party Devices via SuperCombine,
- InkPro enables proofing to HP 650, 750, 1050, 2000, 3000, Creo Iris 43WIDE

CTF devices - All Creo Dolev® imagesetters

CTP devices - Creo Lotem™ 400V

Hot Folders

Automated Hot Folders free up operator time by queuing prepress processes.

PS/M Features

Features	
PostScript Level 3 support	Based on proven Brisque RIP technology
RIP functions alongside Brisque or other PS/M stations	Maximizes equipment utilization; increases productivity and flexibility. RIPed jobs can be exchanged between Brisque and PS/M systems, and output on either system
Smooth shading of vignettes	Improved print quality and reduced banding
Intuitive user interface	Easy to learn, fast and efficient to use
Hot folder-based automated workflow	• Automatically queues files and processes when files are dropped into Hot Folders, for faster, more efficient production workflow. For Postscript and PDF files. Unlimited Hot Folders can be defined, each with unique preferences settings. • Up to 16 Hot Folder print spoolers free up production stations, add flexibility and control
PostScript and PDF preview	Quality assurance, helps troubleshooting, permits changes before RIPing, reduces error and waste
Automatic image replacement	Automatically replaces working low-resolution images with high-resolution images in final layout. Creo APR for CT, EPS and TIFF file formats, plus support for OPI with no need for an OPI server
Native PDF RIPing	• Easy to use without extensive training or expertise. • Page-independent RIPing avoids re-RIPing entire documents for remake or corrections
RIP-Once workflow	Assures data integrity and predictability; uses the same data for all output devices
Post-RIP display and editing, before proofing or imagesetting	Reduces material waste, enables color correction of PS/M Page using Photoshop® or PressTouch™ software, and eliminates the need for additional processing after color-correction
Asian language support	Supports Kanji and Asian CID / OCF
Color management	Supports Adobe CRD (Color Rendering Dictionaries) and Photoshop CSA Profiles
SuperCombine for proofing output	Creates high-quality, proof-ready files which can be sent (via IQ Pro or Brisque) to Iris® iPROOF and other proofers for contract proofs prior to imagesetting
Blueline proofing	Allows checking for page position, correct marks and layout
Merge combines pre-separated files	Combines a pre-separated PS/M job into a composite job, enables trapping of pre-separated files
Streamlined spot color handling	SpotCT is supported in composite PostScript files
TIFF/IT-P1 format support	Creates standard file formats for output to any workstation; includes optional TIFF/IT-P1 import and export
1 bit TIFF file format support	Integrates with third party workflows without reRIPing
Imposition proofs	Images separations on one film for blueline proofing
Turbo Screening high-resolution screening	Delivers smoother vignettes and dot shapes, and increases screen ruling at any RIP resolution, so you can produce a specific line screen at a lower resolution—effectively increasing imaging speed while reducing RIP and FAF production time
Expose Half resolution LW	Saves RIP and trapping time and disk space without compromising image quality
Stop before expose	• Stops the process prior to output and stores the file on disk, so the job can be exposed later, after the proof is approved. Increases flexibility in proofing and imaging production. • In conjunction with the Copy function, allows jobs to be distributed among expose stations on the network

Creo Customer Services:

helping you profit from your Creo solution

Whatever the extent or complexity of your needs, our experts in support, technical education and service can help you plan, install, manage and grow your prepress system. Our experience is unmatched in the industry: we have installed, and support, more than 2500 CTP and 9000 CTF systems, each one uniquely developed for specific production requirements.

Expert service means faster deployment
Our service teams will get you up and running sooner, with a solution that's designed with your business and operational needs in mind.

Professional training for greater productivity
Our prepress training programs are among the most comprehensive in the industry.

Uptime support maintains production levels
Our comprehensive, personalized support plans can help maintain optimum performance and productivity to meet your uptime needs. We focus on failure prevention, software and firmware enhancements and technical assistance, whenever and wherever you need it.

Let's Talk

Contact your Creo representative to learn how a PS/M workflow, with the appropriate Workflow Extenders, can be customized to suit your current needs, while opening an upgrade path to the future.

About Creo
Creo (NASDAQ:CREO; TSE:CRE) is the world's largest independent supplier of prepress systems, with sales and support offices across the globe. Creo produces digital photography equipment; professional color and copydot scanning systems; variable information workflow systems; inkjet and halftone digital proofers; computer-to-film and computer-to-plate devices; color servers for print-on-demand digital printers, and a comprehensive range of workflow, business management, networking, variable information, and creative software products. Creo is also an OEM supplier of on-press imaging technology and components for digital presses.

Produced using Creo technology

creo

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