FIERY® JOBFLOW PRO

Print smarter. Automate everything.



AI-assisted workflow automation platform

Smarter prepress automation starts here

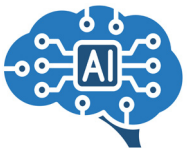
AI-assisted intelligent automation

Fiery JobFlow™ Pro is a next-generation workflow automation platform built for print shops that need to move faster with fewer touchpoints. Unlike static, rule-based systems, JobFlow Pro makes intelligent, real-time decisions based on actual job content, device status, and live production data.



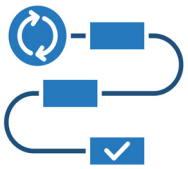
What sets Fiery JobFlow Pro apart

AI that understands the job



Analyses actual job content to identify job type, route work correctly, and apply the right Fiery presets. Preflight results are translated into clear, actionable guidance operators can trust.

Visual workflow design



Drag-and-drop workflow editor lets operators build and modify workflows without scripting knowledge or IT support. Add, remove, or reorder steps as needed.

Deep Fiery integration



Connects directly to Fiery servers to access presets, monitor queues and device activity via Command WorkStation®, and apply imposition and finishing steps consistently through Fiery makeready solutions.

Built for speed and to scale



Built on a new high-performance architecture for speed, reliability, and scalability from a single press to multi-vendor fleets. Workflows adapt as your business changes without starting from scratch.

Event-driven and Industry 4.0 ready



Goes beyond hot folders and static rules by responding in real time to Fiery server activity, barcode scans, IoT sensor input, time-based triggers, and shop-floor events. Built on open standards like MQTT for connected, data-driven production.

Secure and in control



Run AI locally with Fiery Model Hub so print files stay on your network. Admins build and manage workflows, while Operators see only the drop zones they need to submit jobs.

Turn repetitive prepress into a competitive advantage

Workflow automation is now a top technology priority for print service providers because it's the only way to handle growing volumes without expanding teams or sacrificing quality.

The good news? Modern automation tools don't require IT expertise or complex programming; they're designed for print operators. With the right platform, automation becomes accessible, not intimidating.

What you can expect from prepress automation:

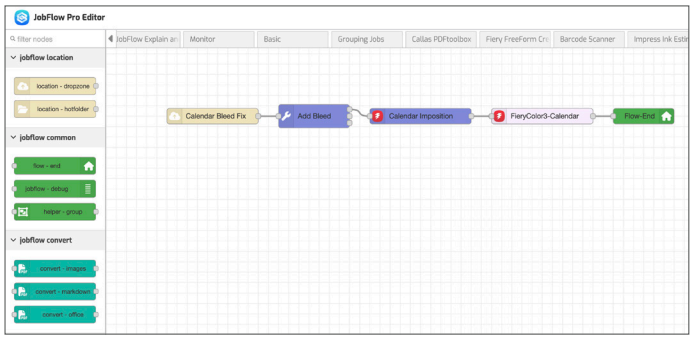
- **Cut setup time** from minutes to seconds for repeat jobs
- **Eliminate errors** that cause costly reprints and delays
- **Handle higher volumes** with the same team size
- **Free operators** to focus on quality, customers, and high-value work

Build powerful automation without scripts or coding

Fiery JobFlow Pro workflows are designed and managed using JobFlow Pro Editor, a visual workspace that makes automation easy to build, understand, and scale.

No advanced scripting required

Workflows are created by dragging modular building blocks, called nodes, onto a canvas and connecting them to define how jobs flow through production. Each node performs a specific task, such as watching a folder, converting files, running preflight, routing jobs, or submitting work to print. Configure the settings, connect the logic, and deploy. No programming knowledge required.



Fiery JobFlow Pro Editor – Workflow to impose a calendar and add bleed.

Modular workflows that evolve with you

Workflows are built from independent nodes that pass structured messages between steps. This modular design lets you add, remove, or reorder steps without rebuilding the entire workflow. Need to insert an additional preflight check or update routing logic? Simply drop in a node and connect it, and your workflow adapts instantly.

How Fiery JobFlow Pro works

Automating job intake to press-ready output

Fiery JobFlow Pro automates the entire prepress workflow chain, from intake and analysis through preflight, makeready, submission, and reporting. Here's how jobs flow through the system:

1. Job intake

Flexible submission and triggers

Jobs enter from multiple sources:

- Drop zones in the JobFlow Pro browser interface
- Hot folders monitored on your network
- Web-to-print storefronts and MIS/ERP systems
- Email attachments and cloud storage
- Job tickets from business systems

Workflow triggers beyond file submission:

- Fiery server activity monitoring (e.g., job completed, queue status changes)
- Barcode scanning (e.g., scan to release next job in queue)
- MQTT messages from IoT sensors or devices (e.g., low paper indication, temperature changes, smart lighting alerts)
- Time-based schedules (e.g., release overnight work at the start of a shift, batch similar jobs during off-peak hours)



2. Analyse & classify

Identify job type

When a file arrives, JobFlow Pro's AI-assisted analysis inspects the actual content—not just the file name or job ticket metadata. It identifies job type (business cards, booklets, postcards, catalogues) and determines the appropriate workflow and Fiery preset settings to apply.

If no matching preset exists, JobFlow Pro prompts operators to create a new one for future reuse—helping streamline similar jobs and improve automation over time.

3. Preflight & correction

Catch issues early

Integrated callas pdfToolbox preflights PDFs, checking for common print production errors such as low-resolution images, missing fonts, incorrect colour spaces, and more. Issues are flagged and, where possible, corrected automatically.

AI-assisted preflight explanations: Technical preflight reports are translated into clear, plain-language summaries tailored to the operator's experience level, with actionable guidance on how to resolve issues.

2025 BEST PREPRESS AND PREMEDIA SOFTWARE



4. Intelligent routing

Direct jobs automatically

Message-based logic and decision nodes route each job to the right workflow based on:

- Job category type
- Colour requirements
- Priority level
- Device availability and queue status

Jobs are routed to the correct workflow, queue, or press without manual intervention.

5. Makeready & finishing

Automate layout and setup

Fiery JobFlow Pro integrates seamlessly with Fiery Impose to automatically apply imposition templates*, barcodes, and finishing marks—so every job outputs press-ready with consistent results.

6. Submission

Print jobs with confidence

Jobs are sent to the correct Fiery server or output destination with all job properties pre-configured, so every file is processed exactly as intended, without manual setup or operator intervention. From there, jobs can be:

- Printed immediately on the target press
- Held in a Fiery queue for controlled release
- Archived as a production-ready PDF
- Redirected if primary press is unavailable

7. Feedback & monitoring

Maintain visibility

Status and production data flow back into JobFlow Pro and integrated MIS systems, providing real-time visibility into:

- Job turnaround times
- Device utilisation rates
- Workflow performance and bottlenecks
- Complete job history and audit trails

**Requires Fiery Impose licence*

AI-assisted intelligence—your data stays yours

Smarter decisions, stronger privacy

Fiery JobFlow Pro uses AI to support intelligent prepress automation, helping your team work faster and more consistently. AI assistance is optional, privacy-focused, and designed for print production environments.



How AI enhances JobFlow Pro:

Content-aware job analysis

- AI evaluates actual job content, examining text, images, page layout, and structure, to accurately identify the job type, not just relying on file names or metadata.

Smart job routing and preset application

- Jobs are routed to the appropriate workflow and processed with the correct Fiery presets for consistent, repeatable results across your entire operation.

Operator-friendly preflight explanations

- Complex preflight reports are translated into clear, plain language, with guidance tailored to each operator's experience level, from beginners to seasoned experts.

Your data remains secure

- JobFlow Pro connects securely to your own private AI accounts, such as OpenAI or Anthropic, so you always retain full control of your data. Fiery does not use your customer files or proprietary production information to train external AI models, ensuring your workflows remain private, protected, and compliant.
- Or run AI locally with Fiery Model Hub. Print files stay on your network, and there's no API key to manage.

Built for Industry 4.0 environments

Using open protocols like MQTT, JobFlow Pro connects Fiery DFEs, shop-floor sensors, cloud services, and business systems into a responsive automation framework.

It provides a strong foundation for smart-factory initiatives where live data, connected systems, and event-driven workflows are critical to staying competitive.



Core workflow capabilities

Automate every step from intake to output

Fiery JobFlow Pro delivers end-to-end prepress automation through a modular, visual workflow system that reduces manual touchpoints and ensures consistent output.

File conversion & inspection

- Convert Microsoft Office documents, Markdown strings, and images (JPEG, PNG, TIFF) into PDFs
- Use AI-assisted analysis to inspect job content and categorise jobs

Preflight & correction

- Inspect and troubleshoot jobs using callas pdfToolbox
- Clear, actionable preflight reports powered by AI

Document assembly

- Combine multiple PDFs into a single document
- Split large jobs by page count or defined page ranges
- Extract, reorder, or duplicate pages

Imposition & finishing

- Apply imposition templates such as booklet, N-up, and gang-up (requires Fiery Impose licence)
- Add finishing marks, barcodes, and job information

Job routing & distribution

- Collect jobs based on specified criteria
- Route jobs based on content, customer, job properties, or preferred press
- Prioritise urgent jobs based on defined rules
- Automatically reroute jobs when devices are unavailable

Colour settings & image enhancement

- Apply Fiery presets and colour settings, and override settings for individual jobs
- Define media assignments and mixed-stock layouts
- Correct image issues

Output & archiving

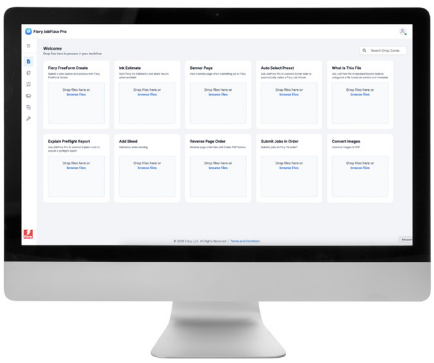
- Submit jobs to Fiery print queues or hold them for controlled release
- Archive production-ready PDFs for fast reprints or reuse
- Export production data to MIS/ERP systems

Get started with Fiery JobFlow Pro

The impact you'll see

Shift from reactive file prep to proactive production. Spend less time fixing problems, get more jobs right the first time, and drive stronger margins with Fiery JobFlow Pro.

- Cut manual job setup time
- Reduce prepress errors and costly rework
- Handle higher job volumes without adding staff
- Deliver consistent, print-ready jobs every time



Deployment, licensing, and support

Minimum requirements

- Check the latest requirements at resources.fiery.com/jobflowpro/specs.
- Fiery Model Hub runs on Mac with Apple silicon and at least 64 GB of memory.

Installation

- Install Fiery JobFlow Pro through Fiery Software Manager on a Windows computer or a Fiery server running FS700 Pro and later.
- Launch it from a desktop shortcut on Windows, or open it in a web browser on Windows or Mac.

Connects to Fiery servers

- Cutsheet and industrial Fiery Driven™ printers and presses.
- Windows-based Fiery servers running Fiery FS400 Pro and later.
- Linux-based Fiery servers running Fiery FS400 and later (requires Fiery Automation Package).

Licensing

- Subscription licensing with 1–5 year terms.
- One licence supports multiple Fiery servers across your operation.

Ready to transform your prepress workflow?

Request a personalised demo

See how JobFlow Pro works with your specific workflows and Fiery servers. Talk to a Fiery workflow expert.

Contact your Fiery representative

Purchase JobFlow Pro through your authorised Fiery reseller.

Start a free 30-day trial

Experience JobFlow Pro in your own production environment. No commitment required.

Learn more

Visit fiery.com/jobflowpro for videos, a free trial, how-to guides, technical documentation, and more.

For more information, please visit www.fiery.com

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