



Fiery® Impress™

Industry-leading digital front end for inkjet presses

Fastest time to market.
Complete color and
workflow solution.



EFI Fiery Impress

Tomorrow's DFE available today

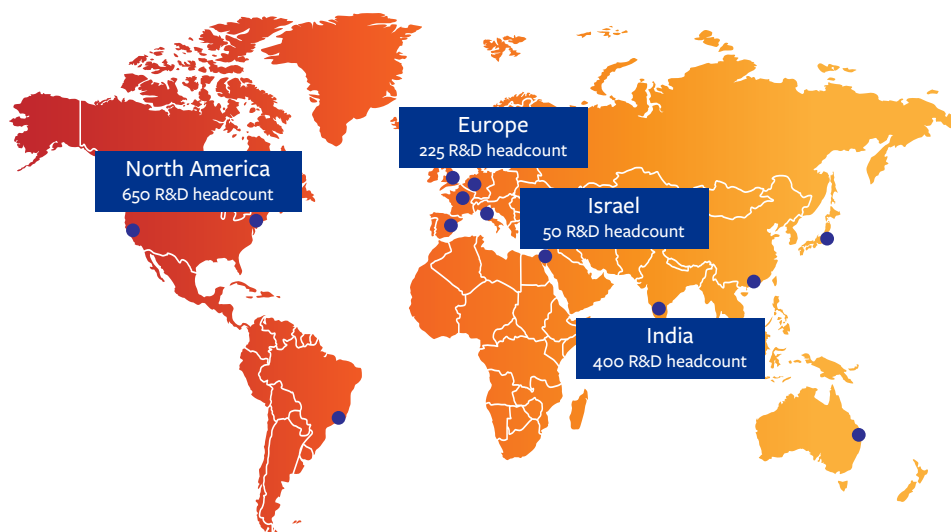
Impress with innovation

With more than 30 years of constant innovation, EFI Fiery digital front ends (DFEs) are the industry standard and the most popular choice in production and industrial print environments across multiple industries. Fiery DFEs drive the widest range of print technologies, from the manufacturing of commercial documents, signage and packaging to textiles, ceramic tiles, building materials, and more.

As a global technology company, EFI is leading the worldwide transformation from analog to digital imaging, offering breakthrough technologies to assist customers through their digital journey. To succeed in today's highly competitive environment, it is critical to offer your customers a press and DFE combination with integrated workflow and color management to achieve higher operational efficiency, output quality, and automation. The processing power and capability of the Fiery Impress DFE, along with the expertise of the Fiery team, helps you deliver an innovative solution with reduced development resources and shortened time to market.

WORLDWIDE INNOVATION

INNOVATIVE RESEARCH & DEVELOPMENT AROUND THE
WORLD DEVELOPING FIRST-CLASS TECHNOLOGY



Fiery DFE is the standard in production presses in the world

Fiery has more than 30 years leading the analog to digital transformation

Billions of pages are printed yearly using Fiery technology

More than 2 million Fiery DFEs delivered to our partners

Impress with speed

Your expertise is building presses. Ours is in color, workflow, and digital front ends. With Fiery Impress, you can build an even more competitive press with a complete, flexible, and scalable workflow solution that includes an affordable, turnkey DFE for your industrial inkjet presses. With Impress, complex integration projects are a thing of the past. You'll be ready to go to market in weeks instead of months, and Fiery Impress will deliver print-ready TIFF files on day one of integration.

The processing speed of Fiery Impress moves data to presses fast, to keep presses running at full capacity. In this configuration, the continuously streaming data from Impress keeps presses running at full speed to produce more jobs and generate higher profit for your business and that of your customers.

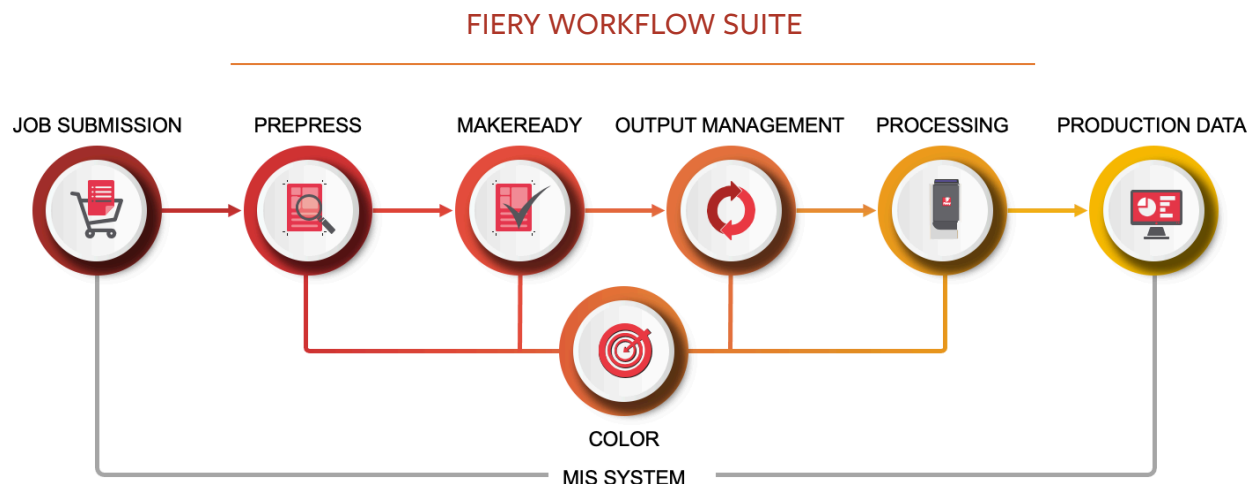
This ready-to-go, off-the-shelf DFE helps you expand your offerings and get to market fast while conserving internal resources. And optional software packages deliver even more power and capability to your customers that need it.



Impress with a complete solution

Each Fiery Impress DFE comes with Fiery Command WorkStation® – the most popular user interface in print environments. This powerful, intuitive job management interface connects to multiple Fiery Driven™ presses and offers a unified and integrated workflow experience.

Pair that with the Fiery Workflow Suite, a comprehensive set of integrated products that helps manufacturing facilities produce more from their presses with streamlined and automated workflows. It's a fundamental component of Fiery DFEs that adds a wealth of capabilities throughout the print process – from file preparation and submission, color management, and workflow automation to cloud analytics, integration with business systems, and more.



Built for the markets you serve

With Fiery Impress, match the performance and capability your industrial inkjet press or manufacturing line needs with a turnkey solution that includes software, hardware and support. If your press can print it, we can drive that print with unsurpassed excellence – in productivity, quality, and scalability.

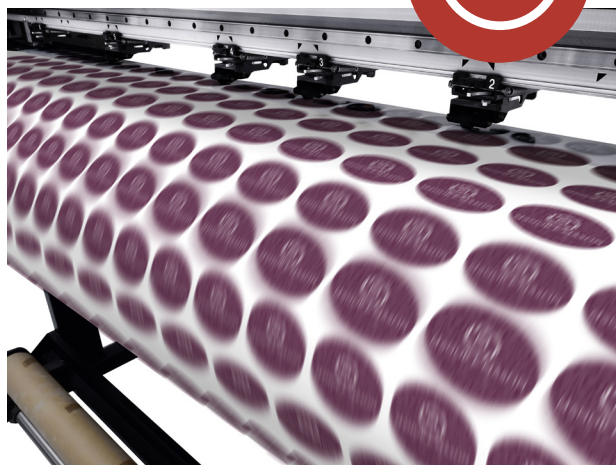
PACKAGING



FLEXIBLE PACKAGING



LABELS



MAILING



Solutions sized to fit

Fiery Impress is an integrated, specialized hardware and software solution that optimizes performance, security, and reliability. Four different solution platforms offer the industry's widest range of processing power to meet customer needs. Choose the platform or platforms that are right for your industrial inkjet presses and the markets they serve.



Fiery NX One

Fiery NX Pro

Fiery NX Premium

Fiery XB

Your dedicated EFI team works closely with you during the development process and beyond ensuring your Fiery Impress implementation checks all the boxes. Expert consultation helps you choose the right platform to fit the processing demands of your industrial inkjet press while accommodating customer budget requirements.

SOLUTION PLATFORMS ARE SELECTED BASED ON:

- Output mode: TIFF out or data streaming
- Press speed
- Number of colors
- Resolution
- Media size supported
- Anticipated run lengths
- Need for variable data

Fiery Impress includes a wide range of standard and optional capabilities so you can customize your solution to the exact requirements of your market.

Choose production and submission of TIFF files to a storage location for entry-level presses, or produce rapid, RIP-while-printing streaming output of variable-data content to high-volume, continuous-feed digital presses.

Whether you are building an industrial inkjet press, or implementing inkjet print bars into an inline manufacturing solution for application of variable data, Fiery Impress is the ideal approach that will help you meet customer needs, get to market quickly, and offer the ability to scale over time.

Impressive results

With Fiery Impress, not only do you speed time to market and reduce the cost of integrating a DFE with your press, but you bring your customers results that will clearly differentiate your solution in the marketplace.

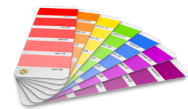
Deliver accurate and consistent color

Fiery Impress delivers state-of-the-art imaging technology, combined with expert color management tools, to deliver high-quality images with accurate, consistent color.



COLOR & IMAGING

- Superb out-of-the-box color and exceptional image quality
- Optimized print quality through advanced imaging techniques, such as font and barcode edge enhancement, to compensate for ink drop spreading and more
- Seamless integration with expert color management tools for optimum color quality and adherence to industry standards
- The highest accuracy in brand color reproduction with built in color libraries and spot color editing tools to achieve the highest accuracy possible
- Proper reproduction of transparent elements, overprints, trapping, black knockout, and multiple color spaces
- Intelligent automation from Fiery JobExpert analyzes incoming PDF files and dynamically chooses the optimal print settings to achieve the best balance between quality and processing time
- Supports CMYK + Orange, Green, Violet, and White



Before

After



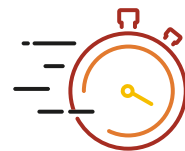
Optimize press throughput

Faster processing of higher resolution and graphic-intensive files as well as variable data applications.



PRODUCTIVITY

- Unmatched RIP speeds to maximize press throughput and keep the press running at rated speed
- Achieve consistent, predictable results with industry-standard Native Adobe PDF Print Engine 5.5 processing and PDF 2.0 ready DFE
- Produce personalized products with the most robust variable data printing workflow that enable versioning and localization with multiple languages
- Optimize labor time and costs with automated job submission for a touchless workflow



Adobe PDF Print Engine





MANAGEMENT

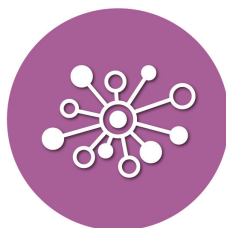
Offer more profitable production

Industry-leading file preparation and job management enable more profitable production of high-value products.

- Centralize print production control with Command WorkStation's intuitive job management interface
- Efficient job management with easy handling of short runs and versioned or variable data printing
- Easily make late-stage edits and image corrections
- Use intelligent file preparation to catch costly errors before printing
- Automate job preparation steps to reduce touchpoints



Before After



CONNECTION

Ensure state-of-the-art connectivity

Connectivity across the production environment enables a seamless flow of data, easy access to fact-based information for real-time decision-making and more reliable system-wide operation.

- Integrate into ERP/MIS, and ecommerce systems utilizing Fiery JDF technology which complies with CIP4 standards
- Take advantage of fast, error-free connections using industry standard protocols to third-party solutions such as Agfa, Prinergy®, Esko, and Screen
- Easily develop additional custom integrations with Fiery APIs
- Take advantage of smart tools that capture key print production data so your customers can make better and faster data-driven decisions
- Stay up to date with security requirements and standards that meet your specific needs



Impressive flexibility

Fiery Impress is built on a heritage of Fiery servers that are the most scalable, integrated solution to unlock the potential of your industrial inkjet press and deliver the fastest return on investment for your customers.

Whether you're an industrial inkjet equipment vendor or a provider of single manufacturing lines that need to add variable data with a print bar, Fiery Impress will enable you to expand your digital offerings and provide your customers with high-quality, accurate output, quickly and efficiently.

Specifications for all Fiery Impress DFEs

- **Base operating system:** Windows 10 IoT Enterprise 2021 LTSC
- **Language support:** English, French, German, Italian, Spanish, and Simplified Chinese
- **Screening:** 3 drop sizes as well as 1-bit stochastic screening, 8-bit contone; supported resolutions include 360x240, 360x360, 360x720, 600x600, 600x1200, 1200x600, 1200x1200; with 7 screens, one for each resolution
- **Supported colors:** Cyan, Magenta, Yellow, Black, Orange, Green, Violet, and White
- **Color profile:** Fiery software includes one reference press color profile; you can add additional profiles to maximize the gamut of your specific press and media
- **Included software:**
 - Fiery JDF and Fiery API integration
 - Fiery JobFlow Base
 - Ink estimation data

Solution comparison

Compare the four different solution platforms to determine which flexible solution will best fit your inkjet press and your customer's needs.

	Fiery NX One	Fiery NX Pro	Fiery NX Premium	Fiery XB
TIFF output	√	√	√	√
Streaming data	–	Optional	√	√
Bi-directional communication*	–	Optional	√	√
Variable data*	Limited	Optional	√	√
Inspection system integration*	–	Press dependent	Press dependent	Press dependent
Media status*	–	Optional	√	√
Ink status*	–	Optional	√	√
EFI IQ*	–	Optional	√	√
Substrate catalog	√ Default included	√ Default included; optional full integration with press	√ Default included; optional full integration with press	√ Default included; optional full integration with press
HyperRIP	–	–	√ 8	√ 8 or more
Fiery Graphic Arts Pro Package	Optional	Optional	√	√
Fiery NX Station	Optional NX One Station	Optional NX LS/GL Station	Optional NX LS/GL Station	–

* Requires streaming data

Impressive options

Enable your customers to expand the capabilities of their Fiery Impress DFE by offering integrated optional packages from the Fiery Workflow Suite. Or customize the DFE before you ship and include additional functionality and tools to stand out.

LAYOUT SOLUTIONS



- **Fiery Prep-It** optimizes media usage for unique shapes with advanced layout creation tools for true shape nesting and tiling

EXPERT TOOLS TO IDENTIFY AND CORRECT PRINT PROBLEMS



- **Fiery Graphic Arts Pro Package** provides expert tools right on the server for soft proofing, color correction, file troubleshooting, PDF quality control checks, spot color management, and more

PREPRESS WORKFLOW AUTOMATION



- **Fiery JobFlow** automates labor-intensive file preparation workflows including tools to intelligently route jobs to custom workflows for image enhancement, job batching, remote job approval, preflight and correcting jobs with Enfocus PitStop, and more

COLOR PROFILING AND COLOR MANAGEMENT



- **Fiery Color Profiler Suite** adds integrated color management software for precise and consistent color, and uses EFI spectrophotometers to accurately measure and verify color



- **EFI ES-3000 and ES-6000 spectrophotometers** accurately measure color quickly and easily

CLOUD-BASED DATA ANALYTICS



- **EFI IQ*** lets users visualize key production data and the current status of presses in near real time to make data-driven decisions to maximize profit

EFFICIENT BI-DIRECTIONAL COMMUNICATION BETWEEN THE PRESS AND FIERY IMPRESS



- **Stream data** to press at rated speed to unlock real-time job status, ink consumption, events, error conditions, and more for higher-efficiency operation

* Only available for DFE with streaming data option





Impressive professional services

The Fiery Professional Services team stands ready to provide services and training to ensure flawless implementation and customized workflow setups for your inkjet solution, as well as additional professional services for your customers to ensure they get the most out of Fiery Impress and your inkjet press. We'll help you accelerate profitability through customization and knowledge transfer every step of the way.

We offer services to either you or your customers to:

- Learn how to use Fiery Command WorkStation and software packages to get the most productivity from Fiery Impress DFE
- Create additional high-quality, press-specific ICC color profiles
- Set up a color management process with implementation training on how to use Fiery Color Profiler Suite for calibration, profiling, verification, press matching, and more
- Create automated job preparation workflows with Fiery JobFlow
- Set up integration between Fiery Impress and your customer's business systems or existing prepress systems via Fiery JDF or Fiery API
- And more

Impressive training and support

Training and certification services

Expand your staff's expertise on Fiery technology to help you sell and support Fiery Impress DFE. Access free eLearning courses, watch videos, download how-to guides, and enroll in Fiery paid certification programs from Learning.EFI.com.



Ask an expert

Your customers can easily find answers to their questions, share ideas, and discuss Fiery products with our global community of experts in EFI's online communities at fiery.efi.com/communities.

Get started now

We speed your development process with:

- Worldwide sales and technical support
- Professional services and training you need to ensure fast ROI
- Significant reduction in system development time and risk
- Painless DFE configuration

Ramp-up program

We offer a program for initial development of a prototype system along with access to a virtual Fiery Impress software to understand the Fiery features and available options. Every Fiery Impress DFE comes with Configuration and Setup documentation, Installation and Service guides, How-to install and manage Fiery options guides, and more.





Continue the conversation

Contact a Fiery business development manager to explore how Fiery Impress can help you bring your press to market faster and attract new customers.

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EFI™ is a global technology company, leading the worldwide transformation from analog to digital imaging. We are passionate about driving customers' business growth with a scalable portfolio of products, solutions, services, and world-class partnerships for the manufacturing of signage, packaging, textiles, ceramic tiles, building materials, commercial print, and personalized documents with a wide range of printers, inks, digital front ends, and workflow software. They work together to increase profits, cut costs, improve productivity, and optimize efficiency – job after job, year after year. Learn more at www.efi.com.



Nothing herein should be construed as a warranty in addition to the express warranty statement provided with EFI products and services.

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