

Fiery external print servers

Top reasons to buy the Fiery IC-317 server

Because the investment horizon for a new digital printing system is from three to five years, it's always good to consider both current and future needs of your print environment when deciding on a new digital printing system.

EFI™ offers two Fiery® server platforms for the Konica Minolta AccurioPress C4080/C4070/C4065 — the external server Fiery IC-317 and the embedded server Fiery IC-419. These two server platforms vary in the level of PDF processing controls, automation, productivity, workflow integration, and expandability they offer.

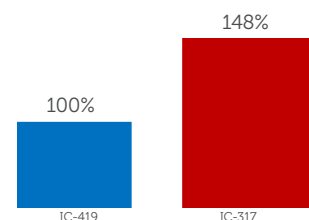
This document helps you understand the benefits of an external Fiery server, how it meets your current needs and how it offers built-in flexibility for future growth.

Fiery IC-317 server only: Standard features

The Fiery IC-317 server comes with standard features that add productivity, quality, and new services to your production environment. These features are not available on the Fiery IC-419 server.

1. Faster turnaround times

To maximise your engine capacity, you need a high-powered digital front end to process and drive data fast enough to minimise engine idle time. More robust and powerful hardware specifications make the Fiery IC-317 server 48% faster rather than the Fiery IC-419 server, making it the best choice for production environments.



2. Optimal print output

Fiery external servers running on Fiery FS400 Pro software come with Fiery JobExpert™ that lets you reduce setup time, enables faster processing, and cuts waste. JobExpert analyzes each PDF print job in detail and sets the best Fiery job settings for colour management, image quality, VDP settings, and engine specific properties.



Fiery IC-317: Standard features (continued)

3. Flexible variable data printing services

The robust, open, flexible, and scalable variable data printing (VDP) solution supports all leading VDP formats including PDF-VT, VPS, and PPML; and works with all leading VDP composition software and formats for seamless workflows. The faster processing speed also makes offering VDP services more profitable.



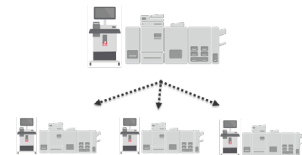
4. Fiery QuickTouch software

The Fiery IC-317 features the new Fiery NX Pro hardware. The NX Pro includes [Fiery QuickTouch™ software](#) on the touchscreen display, which gives faster views of job status information and access to server management. With just a tap, the touchscreen display gives operators easy access to intuitive system installation, backup and restore, plus system diagnostics.



5. Fiery deployable image

Service technicians can save time when installing multiple Windows-based Fiery servers in a single organisation. The Fiery deployable image captures a distributable image of a fully configured Fiery server, including Fiery patches, Windows security updates, and user configurations.



6. Microsoft Windows® 10 IoT Enterprise 2019 LTSC

Fiery FS400 Pro external servers use Windows 10 IoT Enterprise 2019 LTSC as their operating system. This Windows edition contains the latest security protections and includes the cumulative feature enhancements provided in Windows 10 versions 1703, 1709, 1803, and 1809.



7. USB security

Maintain a secure print environment. Fiery external servers prevent connection of USB storage devices and disable Fiery features that require USB mass storage functions, such as Backup and Restore.



Fiery IC-317 server: Optional features

The Fiery IC-317 server offers optional software and hardware solutions that add advanced prepress, makeready, automation, and workflow integration for high-production print facilities. These features are not available on the Fiery IC-419 server.

1. Secure storage for print files

The optional removable hard disk drive allows you to lock the server drive into the system for normal operation and remove it to a secure location after powering down the server.



2. A centralised production workspace for operators

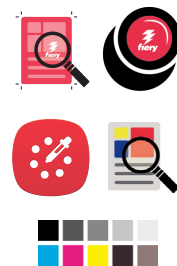
Operators can make pre-production changes from the [Fiery NX Station](#), a higher-efficiency, ergonomically designed work area. The monitor displays the Fiery Ticker for an at-a-glance view of the printing status at a distance. The Fiery NX Station LS model has an adjustable work-area height and operator proximity sensor.



3. Operators need the ability to make late-stage edits and corrections to files

In demanding print environments, operators need to be able to easily perform late-stage edits to adjust colours, impose documents into booklets, and preview full raster files. This ensures the highest quality when printing, for minimal waste and rework.

The Fiery Graphic Arts Pro Package, a powerful toolset, lets you identify and correct production problems before printing a single page. This eliminates wasted prints and keeps print engines producing profitably.



4. A powerful makeready option to produce differentiated output

Add Fiery JobMaster™ to offer advanced PDF makeready capabilities such as insertion of tab pages without the need to design them in the native application, multi-bank and bleed-edge tab setup, page merging, media assignment, finishing, page numbering, NCR creation, ticket numbering, plus hard-copy scanning and cleanup. This allows you to produce jobs completely inline and reduce labor costs on manual job assembly tasks.



Fiery IC-419 server: Optional features

While these features are standard on Fiery IC-317 server, you may add them as options to the Fiery IC-419 server by purchasing the Fiery ColorRight Package, Fiery Automation Package, or standalone software options. Be sure to compare the cost of the Fiery IC-419 server with the additional software added for a more accurate comparison to the Fiery IC-317 server.

1. Automated Web-to-Print submission, and integration with EFI MIS systems

Fiery servers are the only DFE certified by CIP4 job definition format (JDF) IDP-ICS. By adhering to this standard, Fiery servers integrate seamlessly with EFI MIS and Web-to-Print systems as well as with industry-leading third-party prepress workflow solutions such as Agfa Apogee, Heidelberg Prinect and Kodak Prinergy. This helps you more efficiently deliver job specifications, update job status in real time, track job costing data and validate equipment usage.



2. Superior photographic prints

Image Enhance Visual Editor, a Command WorkStation plug-in, allows operators to make last-minute edits to a selected image without having to open the image in applications such as Adobe Photoshop®.



3. Automated job submission that eliminates touch points

Automate job-submission workflows with Fiery Hot Folders and Virtual Printers to reduce errors and save time. This also allows operators to give more attention to other jobs that require specific finishing and colour settings.



4. Accelerated production with prepress workflow automation

Enable the free Fiery JobFlow Base on an embedded Fiery server with Fiery Automation Package and start building ready-to-use workflows. Once Fiery JobFlow Base is enabled, upgrade to a paid license for the full version, Fiery JobFlow, for advanced prepress capabilities. You can easily configure automated job workflows including correction and editing of PDF files, plus approval, scripting, and job ticketing.



Server comparison

FIERY SERVER	EXTERNAL- FIERY IC-317	EMBEDDED- FIERY IC-419
Fiery System Software	Fiery FS400 Pro	Fiery FS400
Fiery Platform	NX Pro Gen II	E ⁴⁰⁰
CPU	Intel® Core™ i5-6500 Processor, 3.2 up to 3.6 GHz with Turbo	Intel® Pentium® G4400 Processor (3.3 GHz)
Operating System	Microsoft Windows 10 IoT Enterprise 2019 LTSC	Linux
RAM / Hard Disk Drive (HDD)	8 GB / 1 TB SATA	8 GB / 500 GB SATA
Removable HDD	OPTIONAL	Not Available
Removable Storage	DVD-RW/CD-RW	Not Available
VDP Formats	PPML 2.0/2.2/3.0, PDF/VT-1, PDF/VT-2, VPS, Fiery FreeForm™ Plus	Fiery FreeForm Plus
FreeForm Create	INCLUDED	INCLUDED
Fiery JobExpert™	INCLUDED	Not Available
Fiery Spot-On™	INCLUDED	INCLUDED
Adobe® PDF Print Engine (APPE)***	INCLUDED	INCLUDED
PDF/X Output Intent	INCLUDED	INCLUDED
Pad Printing	INCLUDED	INCLUDED
Fiery Hot Folders/Virtual Printers	INCLUDED	OPTIONAL with Fiery Automation Package*
Integration to EFI MIS and Web-to-Print systems	INCLUDED	OPTIONAL with Fiery Automation Package*
Fiery Image Enhance Visual Editor	INCLUDED	OPTIONAL with Fiery ColorRight Package*
Fiery JDF	INCLUDED	OPTIONAL with Fiery Automation Package*
Fiery ImageViewer, Fiery Spot Pro, Fiery Postflight, Fiery Control Bar	OPTIONAL with Fiery Graphic Arts Pro Package*	OPTIONAL with Fiery ColorRight Package*
Fiery Preflight	OPTIONAL with Fiery Graphic Arts Pro Package*	OPTIONAL with Fiery ColorRight Package*
Fiery JobFlow Base	FREE	FREE (requires with Fiery Automation Package*)
Fiery JobFlow*	OPTIONAL	OPTIONAL (requires with Fiery Automation Package*)
Fiery Impose**	OPTIONAL	OPTIONAL
Fiery Compose	OPTIONAL	OPTIONAL
Fiery JobMaster*	OPTIONAL	OPTIONAL
EFI IQ	INCLUDED	INCLUDED
EFI ColorGuard	INCLUDED (3 year subscription)	INCLUDED (1 year subscription)
EFI Manage*	OPTIONAL	OPTIONAL
Fiery Color Profiler Suite** w/EFI ES-2000 spectrophotometer	OPTIONAL	OPTIONAL
Fiery NX Station GL	OPTIONAL	Not Available
Fiery NX Station LS	OPTIONAL	Not Available

* Free 30-day trial available

** Free trial in demo mode available

*** Updated with enhancements and service releases on an ongoing basis

Visit the [Fiery Graphic Arts Pro Package](#), [Fiery ColorRight Package](#) and [Fiery Automation Package](#) web pages for more information on features included in each package.

EFI fuels success.

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalized documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity. Visit www.efi.com or call 0808 101 3484 or +44 (0)1246 298000 for more information.



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