

Fiery Color Controller N-70 vs N-50

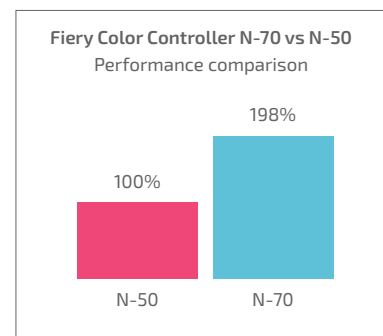
RICOH® offers two Fiery® servers designed for the Pro C9500: Color Controllers N-70 and N-50. This document will help you identify the correct solution for your high production environment.

When to choose Fiery Color Controller N-70 over N-50

FASTER PROCESSING SPEED

Fiery Color Controller N-70 features **Fiery HyperRIP**, an exclusive Fiery technology that helps achieve uninterrupted production and expands performance with parallel job processing power. With HyperRIP, the Fiery server can split a single job into eight logical parts for parallel processing, or it can RIP multiple jobs simultaneously.

Plus, **Fiery Color Controller N-70 is nearly 2x faster** compared to Color Controller N-50. It provides more power to cost-effectively handle the additional processing required to manage complex files with multiple layers, transparencies, and overprints, making it the best choice for demanding production environments and future-proofing your investment.



OPERATORS NEED 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 and preview full raster files to ensure they are error-free. **Fiery Color Controller N-70 comes standard with Fiery Graphic Arts Pro Package** to identify and correct print problems before they result in rejected jobs and waste. Key features include:

- **Fiery Preflight Pro:** The ultimate set of PDF preflight checks, Fiery Preflight Pro allows users to verify file compliance against industry standards and identify potential errors in files, which can then be viewed in the interactive Preflight Pro Report.
- **Fiery Spot Pro:** Ensure that brand colours are reproduced correctly, every time. With Fiery Spot Pro, users get the ability to create a spot colour alias, import/export spot colour libraries as .ase files, edit spot colours in a specific job, optimise all spot colours at once, and more.
- **Fiery ImageViewer:** Inspect files for errors before printing a single page - no need to re-RIP before printing. Or, edit colour curves and quickly make colour replacements. And, export soft proofs in less than a minute.
- **Fiery Postflight:** Visual tool to identify page element errors.
- **Fiery Control Bar:** Create customised process control bars.



Fiery Preflight Pro



Fiery Spot Pro



Fiery ImageViewer



Fiery Postflight



Fiery Control Bar





When to choose Fiery Color Controller N-70 over N-50 (continued)

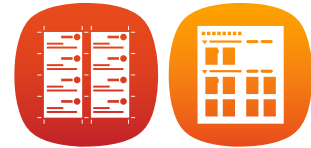
MEET INCREASING DEMAND FOR VARIABLE DATA PRINTING

Ensure that you are prepared to meet the increasing demand for variable data printing (VDP) over the life of the lease. Both Fiery Color Controller N-70 and N-50 support all leading VDP formats and work with all leading variable data composition software. However, the **additional speed of Fiery Color Controller N-70** enables printing at maximum productivity for even the most complex VDP jobs.



POWERFUL MAKEREADY TOOLS

Both servers come standard with Fiery Impose, the intuitive visual imposition software. However, **Fiery Color Controller N-70 also includes Fiery Compose**, which provides an advanced preview and editing environment to simplify media assignments, tab printing, chapterisation and document finishing.



What both servers offer

BUILT-IN PRINT INTELLIGENCE

Both Fiery servers include advanced job management tools to maximise the printer throughput. **Fiery JobExpert™** helps reduce setup time by dynamically analysing the incoming production file, finding issues quickly — including those that cannot be detected by an operator — automatically setting the optimal Fiery job settings, and processing jobs to achieve the best possible print quality.



INTEGRATION WITH JDF AND WORKFLOW SOLUTIONS

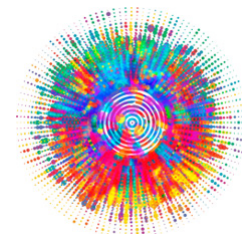
Both Fiery servers allow connectivity with leading web-to-print and MIS solutions, as well as with popular industry workflow solutions such as Heidelberg® Prinect, Kodak® PRINERGY, Agfa® Apogee, and SCREEN EQUIOS. This integration enables job information to flow through the system faster and more efficiently to reduce human error and save time.



OUT-OF-THE-BOX COLOUR ENHANCEMENTS WITH FIERY EDGE

Both Fiery servers include Fiery Edge™ colour profiles, which deliver improvements in many key colour quality areas for digital print producers.

Fiery Edge helps produce the smoothest colour transitions and blends. It provides maximum shadow details in neutral and chromatic areas. Plus, it gives users controls to produce more saturated, vivid, and stunning print results. Use Fiery Intensify™, a rendering intent innovation that is part of Fiery Edge, to boost colour and saturation, while maintaining neutral grays and perfect skin tones.





What both servers offer (continued)

A PURE PDF WORKFLOW

Both Fiery servers integrate Adobe® PDF Print Engine technology to offer a choice of end-to-end native PDF or legacy workflows. This provides consistency and flexibility from design to output in digital and offset print environments.



POWERED BY
Adobe PDF Print Engine

ACCURATE, CONSISTENT COLOUR

Both servers render all combinations of colour spaces and transparency blends correctly using industry-standard tests such as Altona Test Suite 2 and Ghent PDF Output Suite version 5.0. They offer default settings that maximise performance with the best colour quality right out of the box. They can also sharpen images, smooth flesh tones, and enhance the natural colour of any photo in a document with the latest version of the fully integrated Fiery Image Enhance Visual Editor.



COMPATIBLE WITH INDUSTRY STANDARDS

Fiery servers support most industry VDP formats, including:

- Fiery FreeForm™ Plus (output from Fiery FreeForm Create, an included, standalone VDP application)
- PPML 2.0/2.2/3.0
- PDF/VT 1 and 2
- Creo VPS™





Feature	Fiery Color Controller N-70	Fiery Color Controller N-50
Fiery platform	NX Premium IV	NX Pro III
Fiery software	Fiery FS500 Pro	Fiery FS500 Pro
Processor	Intel® Xeon® Dual 12 Core Processor	Intel Core® i5-8500 processor
Operating system	Microsoft Windows 10 IoT Enterprise 2019 LTSC	Microsoft Windows 10 IoT Enterprise 2019 LTSC
Memory	32 GB (8 x 4 GB)	8 GB (2 x 4 GB)
Disk drive(s)	SSD boot drive for OS & Fiery software + 2 x 2 TB HDD	SSD boot drive for OS & Fiery software + 1 TB HDD
Fiery HyperRIP	Included	Not available
Fiery JobExpert	Included	Included
Fiery JobFlow Base*	Included	Included
Fiery Impose* subscription	Included (5-year subscription)	Included (5-year subscription)
Fiery Compose* subscription	Included (5-year subscription)	Optional
Fiery JobMaster* subscription	Optional	Optional
Fiery Graphic Arts Pro Package* subscription	Included (5-year subscription)	Optional
Fiery Color Profiler Suite**	Optional	Optional
ES-3000 spectrophotometer	Optional	Optional
ES-6000 spectrophotometer	Optional	Optional
Fiery IQ: Dashboard, Go, Notify, Insight	Free	Free
Fiery ColorGuard*	Optional	Optional
Fiery IQ Manage	Optional	Optional
Fiery NX Station GL: Fiery work stand, Fiery Ticker, 22" monitor, wireless keyboard and mouse	Optional	Optional
Fiery NX Station LS: adjustable Fiery work stand, proximity sensor, Fiery Ticker, 27" monitor, wireless keyboard and mouse	Optional	Optional
Fiery disk drive security kit	Optional	Optional
RICOH TotalFlow Basic Bundle Includes Fiery Impose (5-year subscription) and ES-3000 spectrophotometer	Optional (Note: N-70 already includes one Impose license)	Optional (Note: N-50 already includes one Impose license)
RICOH TotalFlow Advanced Bundle Includes Fiery Graphic Arts Pro Package (5-year subscription), Fiery Impose-Compose (5-year subscription), Fiery Color Profiler Suite, and ES-3000 spectrophotometer	Optional (Note: N-70 already includes Fiery Graphic Arts Pro Package and Fiery Impose-Compose)	Optional (Note: N-50 already includes one Impose license)

* 30-day free trial available
 ** Free trial in demo mode



For more information, please visit www.fiery.com

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