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Fiery® IC-420 v2
Fiery FS500

Bring professional printing in-house

Deliver professional, finished documents with excellent color quality for office workgroup environments with the top-of-the-line Fiery® IC-420 v2 digital print server.

Get your corporate colors right

- Accurately match and manage corporate, PANTONE®, and custom spot colors with Fiery Spot-On™. Fiery TrueBrand™ makes it easy for anyone to print accurate brand colors from Microsoft Office applications.

- Produce stunning colors with the smoothest blends, maximum shadow details, and superb image definition with Fiery Edge™* color profiling technology.

Create professional printed materials quickly and easily

- Offer personalized printing with Fiery FreeForm™ Create. Quickly personalize existing files by adding variable elements such as text, images, or barcodes.

- Produce professional materials in just three simple clicks with Fiery VUE, a free 3D "visual print application" that guides you through an interactive and intuitive workflow.

Optimize production from submission to output

- The Fiery Essential Driver* increases productivity with a simple, intuitive way to print common office documents in just a few clicks.

- Add the optional Fiery JobExpert™ and PDF Processing Kit to get jobs out quicker with new intelligent automation technology that analyzes incoming PDF files and dynamically chooses the optimal settings. Plus, ensure predictable output with Adobe PDF Print Engine rendering technology.

* Coming soon

IC-420 v2 specifications

Fiery Driven™ engines

- Konica Minolta bizhub C750i/C650i/C550i/C450i/C360i/C300i/250i
- Supports all engine finishing devices

Hardware and platform

- Intel® Celeron® G4900T Processor
- 4 GB RAM/ 500 GB HDD
- Linux operating system
- USB media server
- Fiery Installer Builder
- Fiery FS500 software

File format support

- Adobe® PostScript® Levels 1, 2, 3
- Adobe PDF
- Encapsulated PostScript (EPS)
- Enhanced PCL® 6/PCL 5
- MS Office document formats (doc/x xls/x, ppt/x, pub/x) via the Fiery driver, or Fiery Hot Folders[7]

Fiery color and imaging technology

- Fiery ColorWise® color management technology
- Fiery TrueBrand™
- Fiery Edge™ color profiles[6]
- Fiery Calibrator
- PANTONE® Color Enabled
- Image smoothing
- Fiery Spot-On™
- Fiery Image Enhance Visual Editor[5]
- Auto trapping

Device management and analytics

- EFI™ IQ™: Dashboard, Insight, Go
  - EFI ColorGuard™ [4, 7]
  - EFI Manage[4, 7]

Adobe interpreter support

- CPSI version 3020
- Adobe PDF Print Engine® 5.5 [1, 5]

Performance

- SmartRIP
- Spool-RIP-print simultaneously

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert[5]
- Fiery drivers for Windows and Mac®
- Fiery Essential Driver[6]
- Fiery WebTools™
- Booklet Maker
- Fiery VUE
- Print Time Estimation
- Direct mobile printing
- Fiery Go (Android™ and iOS)
- WebLCD support (requires additional memory kit)
  - Enables Fiery UI on engine LCD

Variable data printing

- Fiery FreeForm™ Create / Fiery FreeForm Plus
- PDF/VT-1 support[5]
- VDP record range printing
- Optimized PostScript® and PDF
- Define record length
- VDP raster preview

Integration

- JDF v1.8 [5] IDP-ICS certified
  - MIS and Web-to-Print integration ready
  - Prepress workflow integration (Agfa® Apogee, Kodak® PRINERGY, Heidelberg® Prinect)

Optional Fiery software and hardware

- Fiery Hot Folders/Virtual Printers
  - Graphic arts filters for Hot Folders
- Fiery Automation Package[4]
  - Fiery Hot Folders/Virtual Printers, Hot Folder Filters, Rush Print, Schedule Print, Print/Process Next, Fiery Preflight, Fiery JobFlow™ Base, Fiery JDF
- Fiery ColorRight Package[4]
  - Fiery Spot Pro, Fiery ImageViewer, Fiery Image Enhance Visual Editor, Fiery Postflight, Control Bar
- Fiery JobExpert and PDF Processing Kit
  - Fiery JobExpert, Adobe PDF Print Engine, PDF/VT-1 support, 4GB RAM
- Fiery Impose[3]
- Fiery Compose[3]
- Fiery Impose-Compose
- Fiery JobFlow[3, 5]
- Fiery Color Profiler Suite[2]
- EFI ES-3000 spectrophotometer
- Adobe® Acrobat® Pro Kit

Security

- Secure erase, User data encryption, Security Profiles, Security Audit Logs
- Enhanced network security settings (Port blocking, IP filtering, 802.1x authentication, IPsec encryption, HTTPs with TLS 1.3 support)
- Enhanced certificates management. Fiery self-signed certificates are recreated automatically
- Secure printing, PostScript security, USB security
- Closed architecture
- Digitally signed software updates

Networking/Connectivity

- TCP/IP, AppleTalk, Bonjour support, SNMP, Port 9100, IPP, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support, LDAP Authentication

EMC

- FCC and ICES Class B (US & Canada), VCCI Class B (Japan), EN & BS 55032: EU/UK Class B, EN55032: 2013-Aus/NZS, CCC (China), CMIM Mark Morocco, NEMKO, KC – Korea, BS & EN 55032:2015, BS & EN IEC 61000-3-2: 2019, BS & EN 62311: 2008

Safety

- CB Scheme EN IEC 62368-1, CE Mark (EU), UKCA Mark (UK), UL/CAN/CSA (USA and Canada), T-Mark (EU), CCC (China), NEMKO, CMIM Mark (Morocco)

Power supply and consumption

- Auto-switching: 100–240 VAC
- 50/60 Hz, 1.3 Amps Maximum
- Maximum / typical power usage: 60 W / 20 W

Konica Minolta compatibility

- Konica Minolta Myiro-1 support
- Konica Minolta Myiro-9 support (via Color Profiler Suite software)

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[1] Updated with enhancements and service releases on an ongoing basis

[2] Free trial in demo mode

[3] Free 30-day trial available

[4] Free 30-day trial available and 1, 2, 3, 4, or 5-year term license

[5] Requires optional Fiery packages

[6] Coming soon

[7] Optional

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.