



# Fiery XF 4.5 – Features of Essential, Advance and Premium Edition



SOLUTIONS	EFI FIERY XF 4.5 ESSENTIAL	EFI FIERY XF 4.5 ADVANCED	EFI FIERY XF 4.5 PREMIUM
<b>FOUNDATIONS</b>			
Modular and configurable	●	●	●
Desktop application	-	-	-
Client/Server application	●	●	●
User/administrator mode	●	●	●
Cross-platform - Mac OS X® and Windows®	●	●	●
Intuitive user interface	●	●	●
100 % focus on industry standards	●	●	●
100 % colour control (calibration, prediction, verification)	●	●	●
Continuous tone output	●	●	●
Halftone output (of one-bit files / screened contone files)	Requires EFI OneBit/Dot Creator Option	Requires EFI OneBit/Dot Creator Option	Requires EFI OneBit/Dot Creator Option
Simulation of final run characteristics	●	●	●
Comprehensive production tools	●	●	●
Integrated remote proofing / printing	●	●	●
JDF based interaction with EFI MIS and Web2Print solutions	●	●	●
Native interaction with EFI XFlow (PDF Workflow solution)	●	●	●
Single workflow / print queue	-	-	-
Multiple workflows / print queues	●	●	●
Pre-defined linearization & profile sets	●	●	●
Manual or fully automated job management	●	●	●
Comprehensive job management tools (job list, preview, ...)	●	●	●
Job viewing in Job Monitor	●	●	●
Scalable to all sizes of operations	●	●	●
Comprehensive cutting solutions	"Requires EFI Print & Cut / Cut Server / Cut Marks Option"	"Requires EFI Print & Cut / Cut Server / Cut Marks Option"	"Requires EFI Print & Cut / Cut Server / Cut Marks Option"
<b>EASE OF USE</b>			
Wizard based licensing, set up and configuration	●	●	●
Workflow templates for Proofing, Photo and Production	●	●	●
Save/load workflow environments	●	●	●
Preset saving	●	●	●
"Every day work mode" (hides settings not used every day)	-	-	-
Flexible job ticket configuration	●	●	●
Intuitive one click spot colour handling	●	●	●
Online updater	●	●	●
Backup and restore	●	●	●
Change of language in application	●	●	●
RIP setup out of application via Unidriver	●	●	●
Upload manager for profiles and colour files	●	●	●
Server file maintenance	●	●	●

SOLUTIONS	EFI FIERY XF 4.5 ESSENTIAL	EFI FIERY XF 4.5 ADVANCED	EFI FIERY XF 4.5 PREMIUM
<b>INTEGRATED TECHNOLOGIES AND STANDARDS</b>			
ICC colour management	●	●	●
Multi colour profile support (up to 7 channels)	●	●	●
Device link profile support	Requires EFI Proof Option	Requires EFI Proof Option	Requires EFI Proof Option
Adobe PostScript 3 Engine (CPSI)	3019	3019	3019
Multiple CPSI support	●	●	●
Adobe PDF 2 Print Engine	2.0	2.0	2.0
Multi-processor support	●	●	●
Spot colour libraries DIC, HKS, PANTONE, PANTONE PLUS and Toyo	●	●	●
ISO 12647-8 compliant validation printing*	Requires EFI Color Verifier/ Proof Option	Requires EFI Color Verifier/ Proof Option	Requires EFI Color Verifier/ Proof Option
ISO 12647-7 compliant contract proofing*	Requires EFI Color Verifier/ Proof Option	Requires EFI Color Verifier/ Proof Option	Requires EFI Color Verifier/ Proof Option
G7 / SWOP / GRACoL compliant proofing*	Requires EFI Color Verifier Option	Requires EFI Color Verifier Option	Requires EFI Color Verifier Option
Ugra/Fogra media wedges v2.2 and v3.0	Requires EFI Proof Option	Requires EFI Proof Option	Requires EFI Proof Option
IDEAlliance ISO 12647-7 2009 control strip	●	●	●
Support of latest ISO profiles and characterization data	●	●	●
PDF/X-1, PDF/X-1a, PDF/X-3, PDF/X-4, PDF/X-5 support	●	●	●
Creation of remote jobs	●	●	●
Processing and printing of remote jobs	●	●	●
Unicode support	-	-	-
EXIF support	-	-	-
<b>COLOUR HANDLING</b>			
Dynamic Wedge™ for key colour analyzing (process colours, spot colours and their shades)	●	●	●
Job specific color optimization (process colours, spot colours and their shades)	●	●	●
Dynamic Rendering Intent for best colour reproduction in photographic environments	●	●	●
Intelligent Clean Colour	●	●	●
Colour adjustments (CMYK, RGB / Brightness, Contrast, Saturation, Blur / Sharpen)	●	●	●
Full gamut option	●	●	●
Image interpolation (scaling)	●	●	●
Gray conversion of coloured files	●	●	●
Spot colour matching (of pre-defined libraries / custom spot colours)	●	●	●
Object oriented colour management	●	●	●
Linearization tool	●	●	●
Visual correction on input data	●	●	●

Key: — = Not available ○ = Optional ● = Included ● = New/enhanced in latest version

\* Depending on configuration (printer, ink, substrate, software settings)



# Fiery XF 4.5 – Features of Essential, Advance and Premium Edition



SOLUTIONS	EFI FIERY XF 4.5 ESSENTIAL	EFI FIERY XF 4.5 ADVANCED	EFI FIERY XF 4.5 PREMIUM
<b>COLOUR HANDLING continued</b>			
Visual correction on output data (ink channels)	●	●	●
Re-linearization / re-ink-limiting	●	●	●
White point editing	Requires EFI Color Manager Option	Requires EFI Color Manager Option	●
Profiling tool	Requires EFI Color Manager Option	Requires EFI Color Manager Option	●
Media profile creation	Requires EFI Color Manager Option	Requires EFI Color Manager Option	●
Reference profile creation	Requires EFI Color Manager Option	Requires EFI Color Manager Option	●
Device link profile creation	Requires EFI Color Manager Option	Requires EFI Color Manager Option	●
Multi colour profile creation	Requires EFI Color Manager Option	Requires EFI Color Manager Option	●
RGB profile connector tool	●	●	●
Colour optimization (improves matching of reference to printer)	●	●	●
Black point compensation	●	●	●
Processing of RGB PS/EPS/PDF based file formats in RGB colour space	●	●	●
Monitor profile selection - softproof capabilities	●	●	●
Support of the most common spectrophotometer measuring devices	●	●	●
Customizable colour verification of printouts and profiles	Requires EFI Color Verifier Option	Requires EFI Color Verifier Option	Requires EFI Color Verifier Option
Out-of-gamut warning for spot colours in Job Explorer	●	●	●
<b>PRODUCTIVITY</b>			
Advanced speed settings	●	●	●
Process resolution control (to speed up printing)	●	●	●
Simultaneous job processing on multi processor PCs for non PDF and PS formats	●	●	●
Processing of up to four PDF/PS based files at the same time	●	●	●
Rip and Print on-the-fly	●	●	●
Simple server/printer balancing	●	●	●
Bi-directional printing (if supported by printer)	●	●	●
RIP'ing of selectable pages within a multi-page PDF Document	●	●	●
Quicker processing of ImageEPS and ImagePDF	●	●	●

SOLUTIONS	EFI FIERY XF 4.5 ESSENTIAL	EFI FIERY XF 4.5 ADVANCED	EFI FIERY XF 4.5 PREMIUM
<b>PRODUCTION TOOLS</b>			
Nesting automatic or manual	●	●	●
Contact sheet	●	●	●
Layout templates for single and multi images	-	-	-
Uniform page scaling	●	●	●
Step & Repeat automatic or manual	●	●	●
Tiling with overlapping automatic or custom	●	●	●
Job Merge for combining master and content jobs	●	●	●
Colour adjustments, Step & Repeat and Tiling presets	●	●	●
Rotating, scaling, mirroring, aligning	●	●	●
Cropping	●	●	●
Inverting	●	●	●
i-CUT level 1 and 2 support	Requires Cut Marks Option	●	●
Fotoba cut device support	Requires Cut Marks Option	●	●
Grommet Marks	Requires Cut Marks Option	●	●
Font Checker	●	●	●
Cropping of PDF according to selected PDF box	●	●	●
<b>JOB SUBMISSION</b>			
Hot folder, Virtual Printer, AppleTalk printer	●	●	●
Unidriver	●	●	●
Drag-and-drop	●	●	●
Manual import	●	●	●
<b>SUPPORTED INPUT FILE FORMATS</b>			
PS, EPS, DCS1, DCS2, PDF	●	●	●
PSD, TIFF, JPEG, JPEG2000, image PDF, image EPS, RAW	●	●	●
RAW	●	●	●
Delta Lists, Scitex CT/LW	Requires EFI Proof Option	Requires EFI Proof Option	Requires EFI Proof Option
RPF (Remote Proofing Format)	●	●	●
Tiff G4, Tiff G3, Packbit, LZW compressed Tiff, uncompressed Tiff, Presstek, Huffman, PCX, Len, Harlequin Pagebuffer, Founder, DCS1/DCS2 (Copy-dot format)	Requires EFI OneBit Option	Requires EFI OneBit Option	Requires EFI OneBit Option

Key: — = Not available ○ = Optional ● = Included ● = New/enhanced in latest version



# Fiery XF 4.5 – Features of Essential, Advance and Premium Edition



SOLUTIONS	EFI FIERY XF 4.5 ESSENTIAL	EFI FIERY XF 4.5 ADVANCED	EFI FIERY XF 4.5 PREMIUM
<b>OUTPUT</b>			
Support of inkjet, laser and LED printers	●	●	●
RGB driver support	●	●	●
Support of Fiery-driven engines	Requires EFI Fiery Option	Requires EFI Fiery Option	Requires EFI Fiery Option
Colour managed file export (TIFF, PDF)	Requires EFI File Export Option	Requires EFI File Export Option	Requires EFI File Export Option
TIFF CMYK export accord. ISO printing condition	Requires EFI File Export Option	Requires EFI File Export Option	Requires EFI File Export Option
Multi-printer support	●	●	●
Multi-file export support	●	●	●
Remote Proofing Container	●	●	●
Printing via network (TCP/IP, Bonjour), USB or system printer (Windows® only)	● (w/o bonjour)	● (w/o bonjour)	● (w/o bonjour)
Label printing	Requires EFI Color Verifier Option	Requires EFI Color Verifier Option	Requires EFI Color Verifier Option
Borderless printing for printer supporting this feature	●	●	●
Colour/greyed separations	●	●	●
<b>FINISHING</b>			
Support of Print & Cut devices	Requires EFI Print & Cut Option	Requires EFI Print & Cut Option	Requires EFI Print & Cut Option
Cut Server - Cutting solution driving vinyl cutters and routing tables	Requires EFI Cut Server Option	Requires EFI Cut Server Option	Requires EFI Cut Server Option
Zünd Cut Center Support	Requires Cut Marks Option	●	●
<b>SUPPORTED PRINTER MANUFACTURERS</b>			
Agfa, Canon, Encad, EPSON, HP, Kodak, Mutoh, Mimaki, OKI, Roland, Seiko, Xerox®	●	●	●
Jetrion®	Requires EFI Printer Option Jetrion	Requires EFI Printer Option Jetrion	Requires EFI Printer Option Jetrion
Rastek™	Requires EFI Printer Option Rastek	Requires EFI Printer Option Rastek	Requires EFI Printer Option Rastek
VUTEk®	Requires EFI Printer Option VUTEk	Requires EFI Printer Option VUTEk	●
<b>LANGUAGES</b>			
English, German, Spanish, French, Italian, Japanese, Korean, Chinese (simplified and traditional)	●	●	●

SOLUTIONS	EFI FIERY XF 4.5 ESSENTIAL	EFI FIERY XF 4.5 ADVANCED	EFI FIERY XF 4.5 PREMIUM
<b>PRODUCT CONFIGURATIONS</b>			
	XF Server, unlimited Clients, 1 Printer Option M-XXL, Production Option, Spot Color Option	XF Server, unlimited Clients, 2 Printer Options M-XXL, Cut Marks Option, Production Option, Spot Color Option	XF Server, unlimited Clients, 4 Printer Options M-XXL, Cut Marks Option, Color Manager Option, Production Option, Spot Color Option
	Additional Product and Output Options available (see below)	Additional Product and Output Options available (see below)	Additional Product and Output Options available (see below)
<b>AVAILABLE PRODUCT OPTIONS</b>			
Color Manager Option	○	○	●
Color Verifier Option	○	○	○
Cut Marks Option	○	●	●
Cut Server Option	○	○	○
Dot Creator Option	○	○	○
Japan Font Option	○	○	○
OneBit Option	○	○	○
Production Option	●	●	●
Spot Color Option	●	●	●
<b>AVAILABLE OUTPUT OPTIONS</b>			
Printer Option M	○	○	○
Printer Option XL	○	○	○
Printer Option XXL	○	○	○
Printer Option M-XXL (not orderable)	● (1 Option)	● (2 Options)	● (4 Options)
"Printer Option OKI (Supports C9500, C9600/1 Bit, C9600/Multilevel, ES3640a3/Multilevel)"	○	○	○
"Printer Option OKI II (Supports C9650/1 Bit, C9650/Multilevel)"	○	○	○
Printer Option Jetrion	○	○	○
Printer Option Rastek	○	○	○
Printer Option VUTEk	○	○	○
File Export Option	○	○	○
Fiery® Option	○	○	○
Print & Cut Option	○	○	○

Key: — = Not available ○ = Optional ● = Included ● = New/enhanced in latest version



# Fiery XF 4.5 – Features of Essential, Advance and Premium Edition



SOLUTIONS	EFI FIERY XF 4.5 ESSENTIAL	EFI FIERY XF 4.5 ADVANCED	EFI FIERY XF 4.5 PREMIUM
<b>SYSTEM REQUIREMENTS</b>			
XF Client - Operating Systems	Windows® 7, Windows XP® Home Edition, XP Professional, Windows 2003 Server standard, Windows Vista (Home Basic, Home Premium, Business, Ultimate), Windows 2008 Server. The XF Client is a 32-bit software. It runs in 32-bit mode on 64-bit windows systems. Mac OS X 10.5.2, 10.6.x		
XF Client - Hardware Requirements Windows	CPU with 2 GHz or more, 1 GB Ram, 10/100 Mbit Network, 1 available USB port. A monitor resolution of at least 1280 x 1024 pixels.		
XF Client - Hardware Requirements Macintosh	Macintosh MacTel (native), 1 GB Ram, 10/100 Mbit Network, 1 available USB port. A monitor resolution of at least 1280 x 1024 pixels.		
XF Server - Operating Systems	Windows® 7, Windows XP® Home Edition, XP Professional, Windows 2003 Server Standard, Windows Vista (Home Basic, Home Premium, Business, Ultimate), Windows 2008 Server. XF runs in 32-bit or 64-bit mode on 64-bit OS and in 32-bit mode on 32-bit OS. Mac OS X 10.5.2, 10.6.x		
XF Server - Hardware Requirements Windows	Dual Core CPU with 2 GHz or more, 4 GB RAM, 60 GB HDD, 10/100 Mbit Network, 2 available USB ports.		
XF Server - Hardware Recommendations Windows	<b>CPU:</b> 3.33 GHz 6-Core Intel Xeon "Westmere" (preferably more processor cores), <b>RAM:</b> 8GB RAM, <b>Hard Drive(s):</b> 1.5 TB 3 GBit/Sec. Serial-ATA with 7200 rpm or more, Ideally 4 hard drives should be routed via "Server File Maintenance" in the XF Client as follows: 1 connected via SATA for the job folder, 1 connected via SATA for temporary files, 2 connected via Raid 0 for the output folder (e.g. VUTEk, Rastek,...).		
XF Server - Hardware Requirements Macintosh	Macintosh MacTel (native), Dual Core CPU with 2GHz or more, 4 GB RAM, 60 GB HDD, 10/100 Mbit Network, 2 available USB ports.		
XF Server - Hardware Recommendations Macintosh	<b>CPU:</b> Apple Mac Pro "Quad-Core"; <b>RAM:</b> 6 GB RAM, <b>RAID:</b> Mac Pro RAID Card, <b>Hard Drive(s):</b> 1 TB 3 GBit/Sec. Serial-ATA with 7200 rpm or more, Ideally 4 hard drives should be routed via "Server File Maintenance" in the XF Client as follows: 1 connected via SATA for the job folder, 1 connected via SATA for temporary files, 2 connected via Raid 0 for the output folder (e.g. VUTEk, Rastek,...).		
EFI Cut Server - Operating Systems	Windows® 7, Windows XP® Home Edition, XP Professional, Windows 2003 Server standard, Windows Vista (Home Basic, Home Premium, Business, Ultimate), Windows 2008 Server. A monitor resolution for the client of 1280 x 1024 is recommended.		
EFI Cut Server - Hardware Requirements	2 GHz Pentium IV PC or higher, 1 GB Ram per CPU, 60 GB HDD, 10/100 MBit Network.		

Key: — = Not available   ○ = Optional   ● = Included   ● = New/enhanced in latest version

Auto-Count, BioVu, BioWare, ColorWise, Command WorkStation, Digital StoreFront, DocBuilder, DocBuilder Pro, DocStream, EBEAM, EDOX, the EFI logo, Electronics For Imaging, Fabrivid, Fiery, the Fiery logo, Inkware, Jettron, MicroPress, OneFlow, PressVu, PrintCollect, PrinterSite, PrintFlow, PrintMe, PrintSmith Site, Prograph, RIP-While-Print, UltraVu and VUTEK are registered trademarks of Electronics For Imaging, Inc. in the U.S. and/or certain other countries. BESTColor is a registered trademark of Electronics For Imaging GmbH in the U.S. The APFS logo, AutoCal, Balance, ColorPASS, DynamicWedge, EFI, Estimate, Face4, Fiery Drivers, the Fiery Drivers logo, Fiery Link, Fiery Prints, Fiery Spark, the Fiery Prints logo, FreeForm, Hagen, the Jettron logo, Logic, Pace, PrintCraft, PrintSmith, Print to Win, PSI, PSI Flexo, Rastek, the Rastek logo, RIPChips, SendMe, Splash, Spot-On, UltraPress, UltraTex, UV Series 50, VisualCal, the VUTEK logo and WebTools are trademarks of Electronics For Imaging, Inc. in the U.S. and/or certain other countries. Best, the Best logo, Colorproof, PhotoXposure, Remoteproof, and Screenproof are trademarks of Electronics For Imaging GmbH in the U.S. and/or certain other countries. All other terms and product names may be trademarks or registered trademarks of their respective owners, and are hereby acknowledged. © 2010 Electronics For Imaging D177.11.10\_FieryXF45\_Features\_UK