



EFI Fiery Spark™ Professional 2.0

High Performance Adobe PostScript 3 RIP for Printing Professionals

EFI Fiery Spark Professional 2.0 Reference Guide 1.5 - 8.13.2002



Electronics
FOR **Imaging**™



Adobe PostScript

Product Positioning



"The EPSON Stylus Pro 7600, 9600, 10000 or 10600 with the EFI Fiery Spark Professional 2.0 RIP represents the ultimate way for Printing Professionals to produce all their day-to-day work."

"The EFI Fiery Spark Professional 2.0 RIP was developed for mixed Macintosh and Windows network environments looking to create color confident Adobe PostScript 3 output."

"As a general purpose graphics RIP, EFI Fiery Spark Professional 2.0 handles all the day-to-day requirements for the most demanding Print-for-Pay and Creative Graphics environment."

Fiery Spark Professional 2.0 Feature Set



➤ Fully Configurable Windows 2000 Professional Software RIP

- Windows 2000 Professional software RIP designed to take full advantage of the newest Intel processors' and Microsoft Windows 2000 Professional OS
- Converts any networked Intel Pentium III or 4 computer with USB or FireWire running Windows 2000 Professional into a dedicated Fiery Spark RIP Server for the EPSON Stylus Pro 7600, 9600, 10000 or 10600 print engines
- Allows for high performance multitasking of Spool, RIP, and Print functions
- When configured with a monitor, you get real-time RIP information and job management through EFI's Fiery Command Workstation 4 user interface

➤ True Adobe PostScript 3

- Industry standard Page Description Language
- Industry standard font and text-line-paragraph handling
- Fully PDF workflow ready

➤ EPSON AcuPhoto Halftoning Technology

- Fiery Spark Professional 2.0 supports Epson's Newest Halftoning Technologies
- Full support for Epson High Quality Halftoning

Fiery Spark Professional 2.0 Feature Set



➤ Overprint and Trapping Previews

- Full support for a CMYK (4-Color Only) Separated PostScript Workflow
- Depending upon the application, output can be printed showing all trapping and overprint information for easy identification of trapping and overprinting problems
- Separated PostScript workflows now take complete advantage of Fiery's latest color management systems exactly like traditional composite PostScript printing

➤ Optional EPSON Color Calibrator 3.1

- Hardware colorimeter and system software for Printer-to-RIP color calibration
- Great for color calibrating multiple printers to the same color space
- Re-calibrates all the built-in printer and media ICC's to a high degree of accuracy
- Allows for improved color proofing without having to custom profile
- Complete system only \$995 estimated street price
- Epson Order Number = C850081
- Upgrade to software version 3.1 by free download from Epson Web site

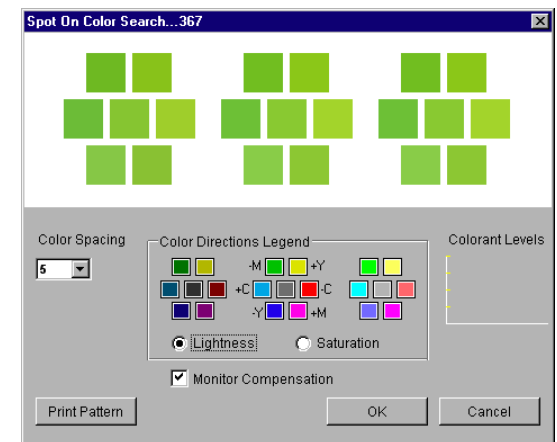
Fiery Spark Professional 2.0 Feature Set

Spot On Color Matching System

- New Fiery Spot On utility creates, edits, and manages all named spot colors on the Fiery Server including PANTONE Coated, Uncoated, and custom created spot colors
- The Fiery Spark Professional 2.0 RIP is a fully PANTONE Calibrated Spot Color Matching System designed by EFI
- Automatically converts any named spot color from any application into the correct printer and media color space for more accurate spot color matching - even in PDF files!
- User does not need to replace any spot color table software within application. Simply define and name the spot color as normal and print. The RIP will take care of the rest!
- Provides an intuitive way to modify spot color values to achieve desired results

The image shows the 'Spot-On Output Profile: Fiery D8C-M v1F' window. It has a menu bar with 'File', 'Edit', 'Instrument', and 'Help'. Below the menu bar is a toolbar with icons for file operations. The main area is a table with columns 'Color Names', 'C', 'M', 'Y', and 'K'. The table lists spot colors 361 through 373, with color 367 highlighted in blue.

Color Names	C	M	Y	K
361	62.5	0	100	0
362	62.5	5	100	3.5
363	62.5	11.5	99.5	9.5
364	64.5	22.5	100	20
365	8	0	28.5	0
366	12	0	40	0
367	22.5	0	59	0
368 2X	64.5	0	100	0
368	45	0	100	0
369	47.5	1	100	0.5
370	48	10.5	100	9
371	49.5	38.5	100	32
372	6	0	36	0
373	10	0	50	0

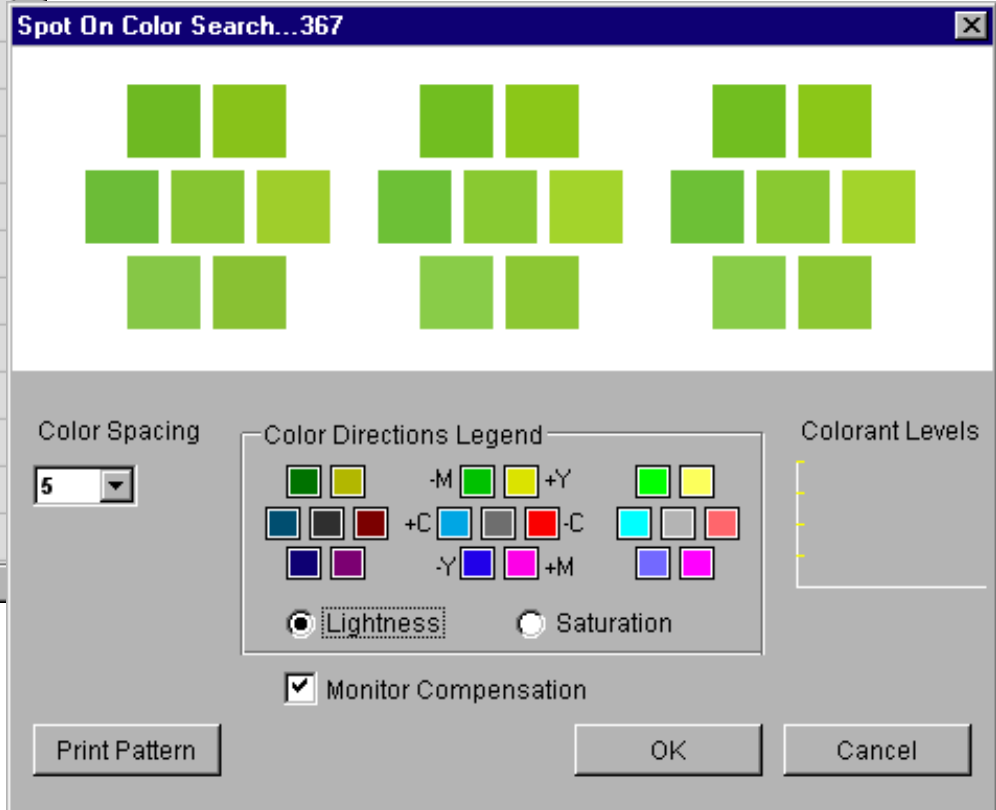


Spot On Color Matching System

Spot-On Output Profile: Fiery 08C-M v1F

File Edit Instrument Help

Color Names	C	M	Y	K
361	62.5	0	100	0
362	62.5	5	100	3.5
363	62.5	11.5	99.5	9.5
364	64.5	22.5	100	20
365	8	0	28.5	0
366	12	0	40	0
367	22.5	0	59	0
368 2X	64.5	0	100	0
368	45	0	100	0
369	47.5	1	100	0.5
370	48	10.5	100	9
371	49.5	30.5	100	32
372	6	0	36	0
373	10	0	50	0

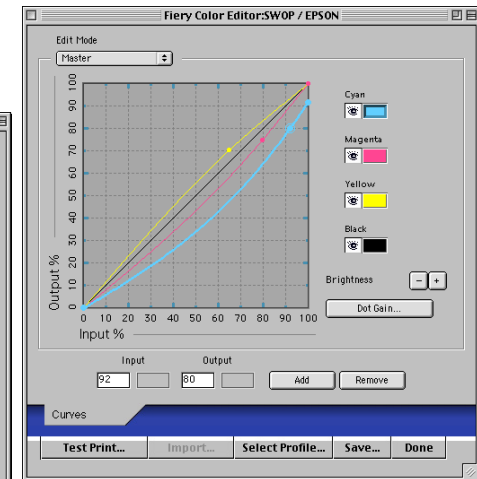
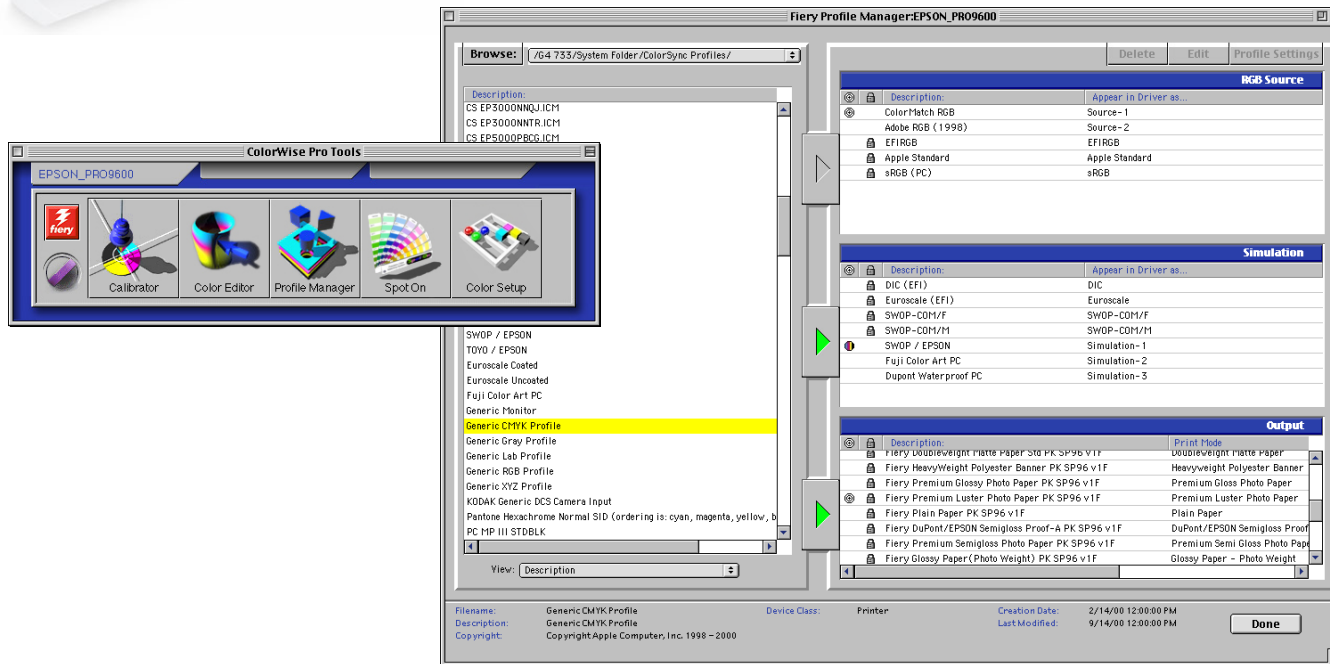


Fine Tune All Your Spot Colors to Make them Match!

Fiery Spark Professional 2.0 Feature Set

➤ EFI ColorWise Pro Tools 3

- Fully adjustable CMYK color control, including dot gain adjustments for more precise hardware color calibration and “tweaking”
- Accepts both CMYK and RGB ICC profiles as direct simulations within the RIP
- Fully ICC and Apple ColorSync Compatible



Browse: /G4 733/System Folder/ColorSync Profiles/

Description:

CS EP3000NNQJ.ICM
CS EP3000NNTR.ICM
CS EP5000PBCG.ICM
CS EP5000PBCM.ICM
CS EP5000PBEP.ICM
CS EP5000PBGfz.ICM
CS EP5000PBGp.ICM
CS EP5000PBPg.ICM
CS EP5000PBPP.ICM
CS EP5000PBQJ.ICM
CS EP5000PNPP.ICM
CS EP5000PNQJ.ICM
CS EP5000PNTR.ICM
DIC / EPSON
EURO / EPSON
SWOP / EPSON
TOYO / EPSON
Euroscale Coated
Euroscale Uncoated
Fuji Color Art PC
Generic Monitor
Generic CMYK Profile
Generic Gray Profile
Generic Lab Profile
Generic RGB Profile
Generic XYZ Profile
KODAK Generic DCS Camera Input
Pantone Hexachrome Normal SID (ordering is: cyan, magenta, yellow, b
PC MP III STDBLK

View: Description

Delete

Edit

Profile Settings

RGB Source

	Description:	Appear in Driver as...
	ColorMatch RGB	Source-1
	Adobe RGB (1998)	Source-2
	EFIRGB	EFIRGB
	Apple Standard	Apple Standard
	sRGB (PC)	sRGB

Simulation

	Description:	Appear in Driver as...
	DIC (EFI)	DIC
	Euroscale (EFI)	Euroscale
	SWOP-COM/F	SWOP-COM/F
	SWOP-COM/M	SWOP-COM/M
	SWOP / EPSON	Simulation-1
	Fuji Color Art PC	Simulation-2
	Dupont Waterproof PC	Simulation-3

Output

	Description:	Print Mode
	Fiery Doubleweight Matte Paper Std PK SP96 v1F	Doubleweight Matte Paper
	Fiery HeavyWeight Polyester Banner PK SP96 v1F	Heavyweight Polyester Banner
	Fiery Premium Glossy Photo Paper PK SP96 v1F	Premium Gloss Photo Paper
	Fiery Premium Luster Photo Paper PK SP96 v1F	Premium Luster Photo Paper
	Fiery Plain Paper PK SP96 v1F	Plain Paper
	Fiery DuPont/EPSON Semigloss Proof-A PK SP96 v1F	DuPont/EPSON Semigloss Proof
	Fiery Premium Semigloss Photo Paper PK SP96 v1F	Premium Semi Gloss Photo Paper
	Fiery Glossy Paper (Photo Weight) PK SP96 v1F	Glossy Paper - Photo Weight

Done

Filename: Generic CMYK Profile
Description: Generic CMYK Profile
Copyright: Copyright Apple Computer, Inc. 1998 - 2000

Device Class: Printer

Creation Date: 2/14/00 12:00:00 PM
Last Modified: 9/14/00 12:00:00 PM

Browse: /G4 733/System Folder/ColorSync Profiles/

Description:

CS EP3000NNQJ.ICM
CS EP3000NNTR.ICM
CS EP5000PBCG.ICM
CS EP5000PBCM.ICM
CS EP5000PBEP.ICM
CS EP5000PBGfz.ICM
CS EP5000PBGp.ICM
CS EP5000PBPg.ICM
CS EP5000PBPP.ICM
CS EP5000PBQJ.ICM
CS EP5000PNPP.ICM
CS EP5000PNQJ.ICM
CS EP5000PNTR.ICM
DIC / EPSON
EURO / EPSON
SWOP / EPSON
TOYO / EPSON
Euroscale Coated
Euroscale Uncoated
Fuji Color Art PC
Generic Monitor
Generic CMYK Profile
Generic Gray Profile
Generic Lab Profile
Generic RGB Profile
Generic XYZ Profile
KODAK Generic DCS Camera Input
Pantone Hexachrome Normal SID (ordering is: cyan, magenta, yellow, black)
PC MP III STDBLK

View: Description

Delete

Edit

Profile Settings

RGB Source

Description:
Appear in Driver as...

ColorMatch RGB
Source - 1

Fiery Color Editor:SWOP / EPSON

Edit Mode
Master

Cyan
Magenta
Yellow
Black

Brightness - +

Dot Gain...

Input Output
92 80
Add Remove

Curves

Test Print... Import... Select Profile... Save... Done

Filename: Generic CMYK Profile
Description: Generic CMYK Profile
Copyright: Copyright Apple Computer, Inc. 1998 - 2000

Device Class: Printer

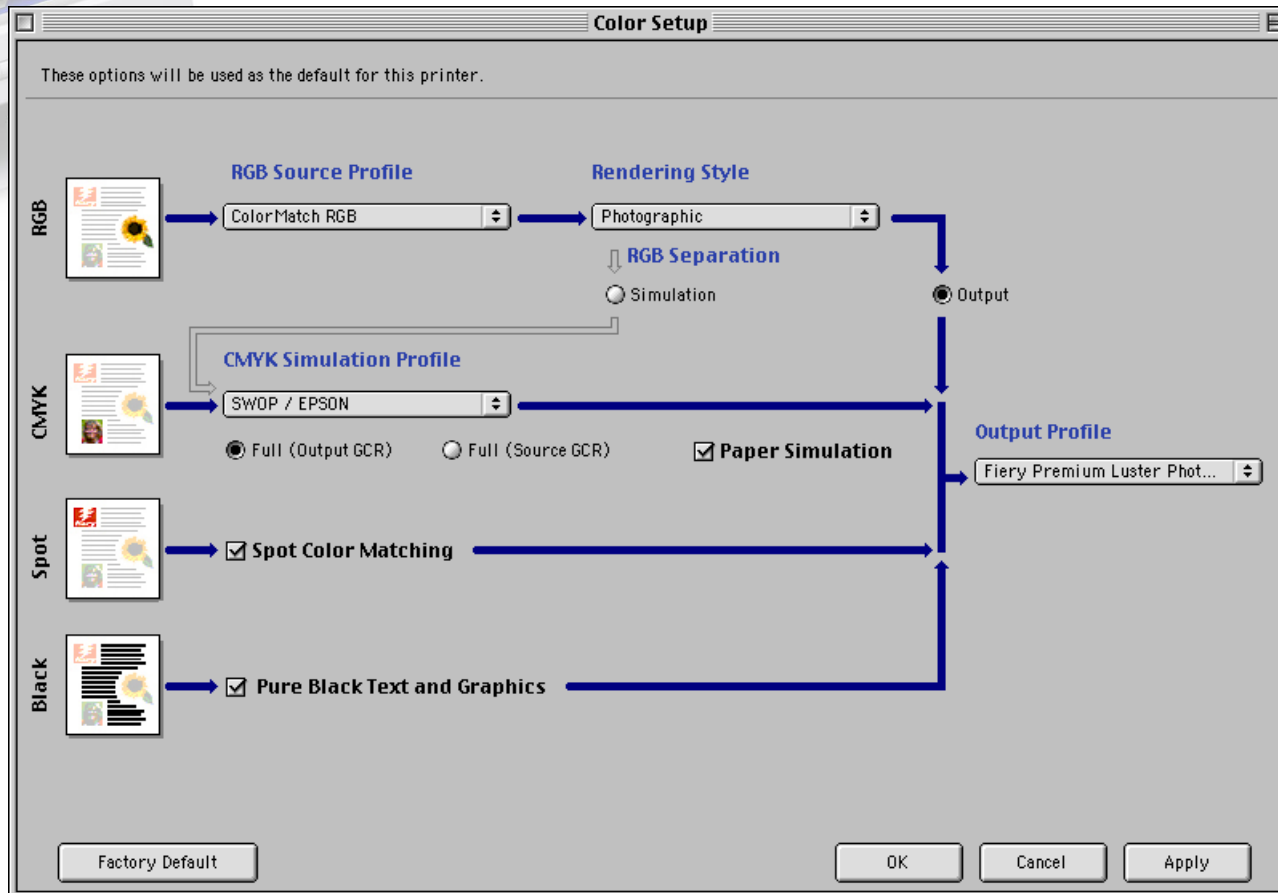
Creation Date: 2/14/00 12:00:00 PM
Last Modified: 9/14/00 12:00:00 PM

Done

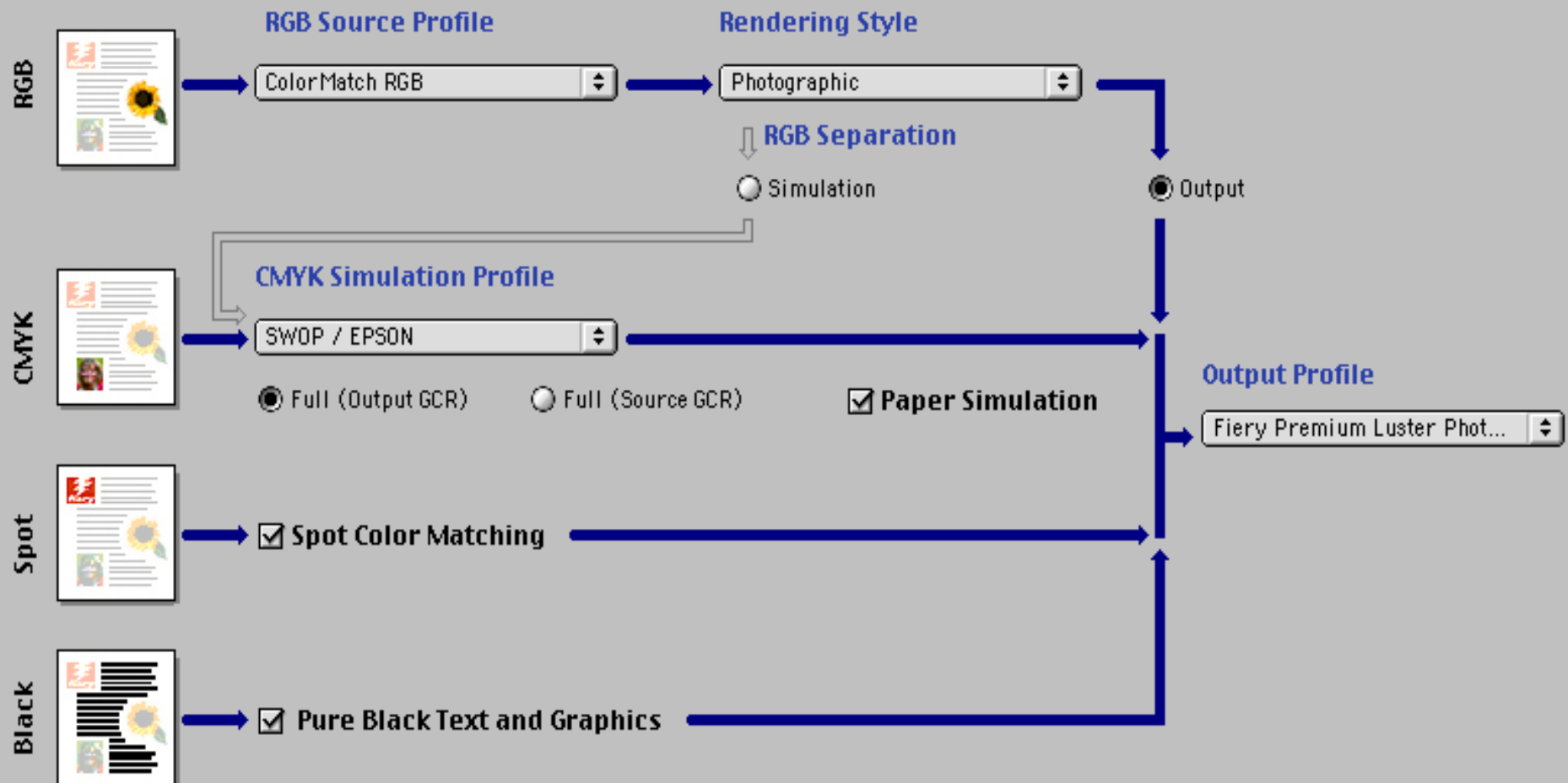
Fiery Spark Professional 2.0 Feature Set

➤ New Graphical ICC Profile Setup Dialog

- Easy-to-use global set-up for both input and output ICC color profiles



These options will be used as the default for this printer.



Factory Default

OK

Cancel

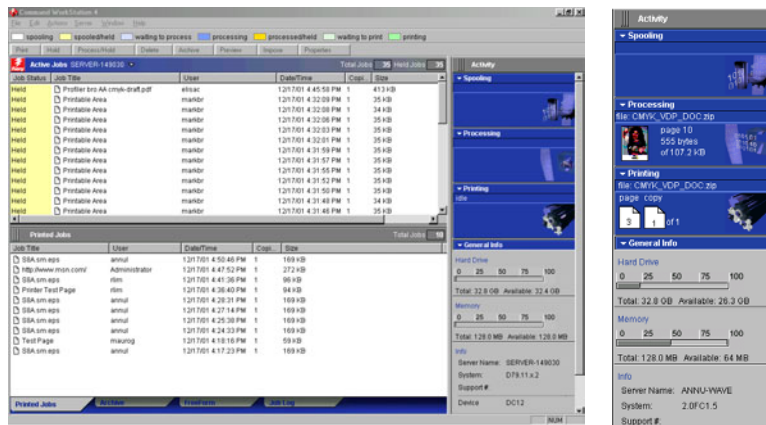
Apply

Professional

- Real-time
- Complete
- Powerful

different
output d

- Real-time RIP, printer, and job information and management
- Complete job prioritization and print previewing
- Powerful job override (PPD Selections) feature allowing user to re-print a job using different PPD settings. Perfect for printing PS or PDF files that were created for a different output device.
- Quick access to Fiery Downloader and ColorWise Pro Tools 3
- Job Load Balancing between multiple Fiery RIP workstations
- Activity Monitor displays a summary of activity that is occurring on a selected Fiery Server.



☐ spooling
 ☐ spooled/hold
 ☐ waiting to process
 ☐ processing
 ☐ processed/hold
 ☐ waiting to print
 ☐ printing


Active Jobs SERVER-149030 ▼
 Total Jobs **35** Held Jobs **35**

Job Status	Job Title	User	Date/Time	Copi...	Size
Held	Profiler bro AA cmyk-draft.pdf	elisac	12/17/01 4:45:58 PM	1	413 KB
Held	Printable Area	markbr	12/17/01 4:32:09 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:32:08 PM	1	34 KB
Held	Printable Area	markbr	12/17/01 4:32:06 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:32:03 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:32:01 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:31:59 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:31:57 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:31:55 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:31:52 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:31:50 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:31:48 PM	1	34 KB
Held	Printable Area	markbr	12/17/01 4:31:46 PM	1	35 KB

Printed Jobs
Total Jobs **10**

Job Title	User	Date/Time	Copi...	Size
S8A.sm.eps	annul	12/17/01 4:50:46 PM	1	169 KB
http://www.msn.com/	Administrator	12/17/01 4:47:52 PM	1	272 KB
S8A.sm.eps	rlim	12/17/01 4:41:36 PM	1	96 KB
Printer Test Page	rlim	12/17/01 4:36:40 PM	1	94 KB
S8A.sm.eps	annul	12/17/01 4:28:31 PM	1	169 KB
S8A.sm.eps	annul	12/17/01 4:27:14 PM	1	169 KB
S8A.sm.eps	annul	12/17/01 4:25:38 PM	1	169 KB
S8A.sm.eps	annul	12/17/01 4:24:33 PM	1	169 KB
Test Page	maurog	12/17/01 4:18:16 PM	1	59 KB
S8A.sm.eps	annul	12/17/01 4:17:23 PM	1	169 KB

Printed Jobs

Archive

FreeForm

Job Log

Activity

▼ Spooling

▼ Processing


▼ Printing

idle

▼ General Info

Hard Drive

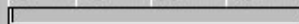
0 25 50 75 100



Total: 32.8 GB Available: 32.4 GB

Memory

0 25 50 75 100



Total: 128.0 MB Available: 128.0 MB

Info

Server Name: SERVER-149030

System: D79.11.x.2














Support #:

Device DC12











NUM

☐ spooling ☐ spooled/hold ☐ waiting to process ☐ processing ☐ processed/hold ☐ waiting to print ☐ printing

 **Active Jobs** SERVER-149030 Total Jobs **35** Held Jobs **35**

Job Status	Job Title	User	Date/Time	Copi...	Size
Held	 Profiler bro AA cmyk-draft.pdf	elisac	12/17/01 4:45:58 PM	1	413 KB
Held	 Printable Area	markbr	12/17/01 4:32:09 PM	1	35 KB
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			
Held	 Printable Area	markbr			

Printed Jobs

Job Title	User	Date/Time	Copi
 S8A.sm.eps	annul	12/17/01 4:50:46 PM	1
 http://www.msn.com/	Administrator	12/17/01 4:47:52 PM	1
 S8A.sm.eps	rlim	12/17/01 4:41:36 PM	1
 Printer Test Page	rlim	12/17/01 4:36:40 PM	1
 S8A.sm.eps	annul	12/17/01 4:28:31 PM	1
 S8A.sm.eps	annul	12/17/01 4:27:14 PM	1
 S8A.sm.eps	annul	12/17/01 4:25:38 PM	1
 S8A.sm.eps	annul	12/17/01 4:24:33 PM	1
 Test Page	maurog	12/17/01 4:18:16 PM	1
 S8A.sm.eps	annul	12/17/01 4:17:23 PM	1

Job Properties

1Pletter.pdf

Job

Copies

Page Range All

Notes

Paper Source

ColorWise

FreeForm

Image Quality

Finishing

Output Destination Printer's Default

Page Order Forward

Custom Output Direction Printer's Default

Collate On

Stapler Mode Off

Face-Down Printing On

Duplex Off

Layout

Orientation Portrait

Rotate 180 No

Destination

Print Window

OK Cancel

Activity**Spooling**

75 100

available: 32.4 GB

75 100

Total: 128.0 MB Available: 128.0 MB

Info

Server Name: SERVER-149030

System: D79.11.x.2

Support #:

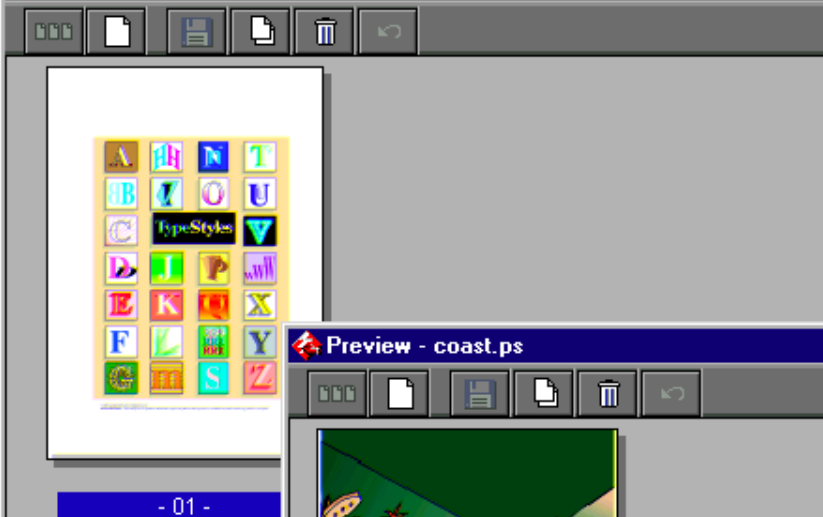
Device DC12

spooling spooled/held waiting to process processing processed/held waiting to print printing

Print Hold Process/Hold

Active Jobs	
Job Status	Job Title
Held	40page.ps
Held	alphabet.ps
Held	J.Brahms p65.pdf
Held	4pgLetterPM65.ps
Held	Five Kids.PS
Held	coast.ps
Printing	Kleurendiagram
Printing	Takenlogboek

Preview - alphabet.ps



8 Held Jobs 6

Activity:

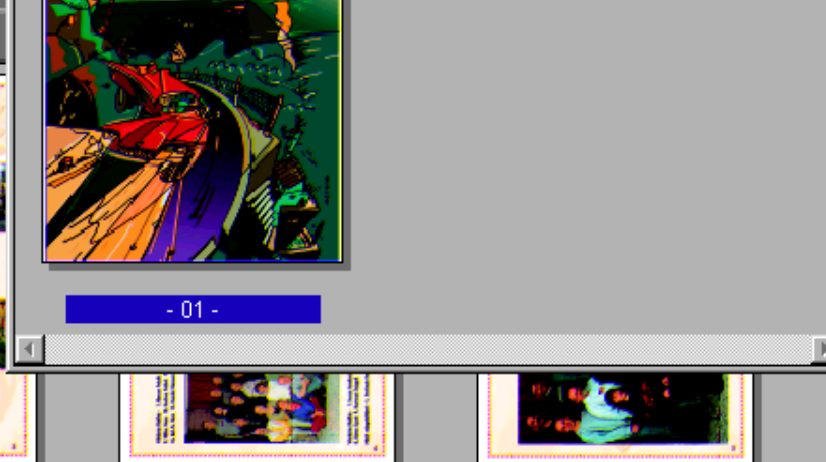
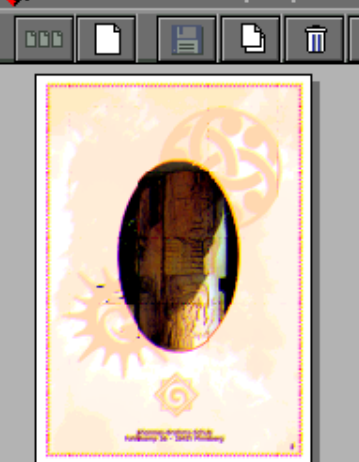
ZX_A10B_113032

Spooling: Kleurendiagram
Processing: Idle
Printing: Idle

SERVER-616717

Spooling: Idle
Processing: Idle
Printing: Idle

Preview - J.Brahms p65.pdf




- 02 - - 03 - - 04 - - 05 - - 06 -

Administrator T13002:main onlinq.pdf 131 kb

Printed Jobs Archive FreeForm Job Log

NUM

☐ spooling
 ☐ spooled/hold
 ☐ waiting to process
 ☐ processing
 ☐ processed/hold
 ☐ waiting to print
 ☐ printing


 Active Jobs SERVER-149030

Total Jobs **35** Held Jobs **35**

Job Status	Job Title	User	Date/Time	Copi...	Size
Held	Profiler bro AA cmyk-draft.pdf	elisac	12/17/01 4:45:58 PM	1	413 KB
Held	Printable Area	markbr	12/17/01 4:32:09 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:32:08 PM	1	34 KB
Held	Printable Area	markbr	12/17/01 4:32:06 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:32:03 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:32:01 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:31:59 PM	1	35 KB
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			

Archived Jobs

Total Jobs **2**

Job Title	User	Date/Time	Copi...	Size
2001 Calendar.ps	tedb	8/29/2001 12:45:08 ...	1	506865 KB
ten up stream	danielle	11/6/2001 5:06:22 PM	1	2590 KB

Printed Jobs

Job Title	User	Date/Time
S8A.sm.eps	annul	12/17/01 4:50
http://www.msn.com/	Administrator	12/17/01 4:47
S8A.sm.eps	rlim	12/17/01 4:41
Printer Test Page	rlim	12/17/01 4:36
S8A.sm.eps	annul	12/17/01 4:28:31 PM
S8A.sm.eps	annul	12/17/01 4:27:14 PM
S8A.sm.eps	annul	12/17/01 4:25:38 PM
S8A.sm.eps	annul	12/17/01 4:24:33 PM
Test Page	maurog	12/17/01 4:18:16 PM
S8A.sm.eps	annul	12/17/01 4:17:23 PM

Printed Jobs

Archive

FreeForm

Job Log

Total: 32.8 GB Available: 32.4 GB

Memory

0 25 50 75 100

Total: 128.0 MB Available: 128.0 MB

Info

Server Name: SERVER-149030

System: D79.11.x.2

Support #:

Device DC12

Printed Jobs

Archive

FreeForm

Job Log

NUM

☐ spooling
 ☐ spooled/hold
 ☐ waiting to process
 ☐ processing
 ☐ processed/hold
 ☐ waiting to print
 ☐ printing

Print Hold Process/Hold Delete Archive Preview Impose Properties

Active Jobs SERVER-149030 Total Jobs **35** Held Jobs **35**

Job Status	Job Title	User	Date/Time	Copi...	Size
Held	Profiler bro AA cmyk-draft.pdf	elisac	12/17/01 4:45:58 PM	1	413 KB
Held	Printable Area	markbr	12/17/01 4:32:09 PM	1	35 KB
Held	Printable Area	markbr	12/17/01 4:32:08 PM	1	34 KB
Held	Printable Area	markbr	12/17/01 4:32:06 PM	1	35 KB
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			
Held	Printable Area	markbr			

Printed Jobs

Job Title	User	Date/Time	Copies	Size
S8A.sm.eps	annul	12/17/01 4:5		
http://www.msn.com/	Administrator	12/17/01 4:4		
S8A.sm.eps	rlim	12/17/01 4:4		
Printer Test Page	rlim	12/17/01 4:3		
S8A.sm.eps	annul	12/17/01 4:2		
S8A.sm.eps	annul	12/17/01 4:2		
S8A.sm.eps	annul	12/17/01 4:25:38 PM	1	169 KB
S8A.sm.eps	annul	12/17/01 4:24:33 PM	1	169 KB
Test Page	maurog	12/17/01 4:18:16 PM	1	59 KB
S8A.sm.eps	annul	12/17/01 4:17:23 PM	1	169 KB

Active Jobs Total Jobs **60** Held Jobs **60**

Job Status	Job Title	User	Date/Time	Copies	Size
Held	Killer.ps	Administrator	8/14/01 10:00:45 AM	1	58
Held	Micros...		8/14/01 9:58:03 AM	1	75
Held	FieryKi		8/13/01 7:37:02 PM	1	58
Held	2fncoc		8/13/01 4:36:32 PM	1	16
Held	FXCat		8/13/01 3:49:19 PM	1	39
Held	beggn		8/13/01 6:32:26 PM	1	1
Held	alphan		8/13/01 6:32:12 PM	1	16
Held	/trux/t		8/10/01 6:04:50 PM	1	1
Held	bluesa		8/13/01 12:27:48 PM	1	1
Held	Printer		8/13/01 6:31:58 PM	1	26
Held	blend2		8/13/01 5:44:30 PM	1	10
Held	Printer		8/13/01 5:44:30 PM	1	88
Held	Printer Test Page	xinyuany	8/13/01 2:58:30 PM	1	88
Held	PPMLOnDemand.zip	Administrator	8/13/01 3:00:30 PM	1	84

Print Ctrl+P
 Delete Del
 Duplicate Ctrl+D
 Rename... Ctrl+R
 Preview Ctrl+Shift+V
 Properties...
 Archive...
 Remove Raster
 Send to...

ZX_0014D_2069

Total: 128.0 MB Available: 128.0 MB

Info

Server Name: SERVER-149030

System: D79.11.x.2

Support #:

Device DC12

Printed Jobs

Archive

FreeForm

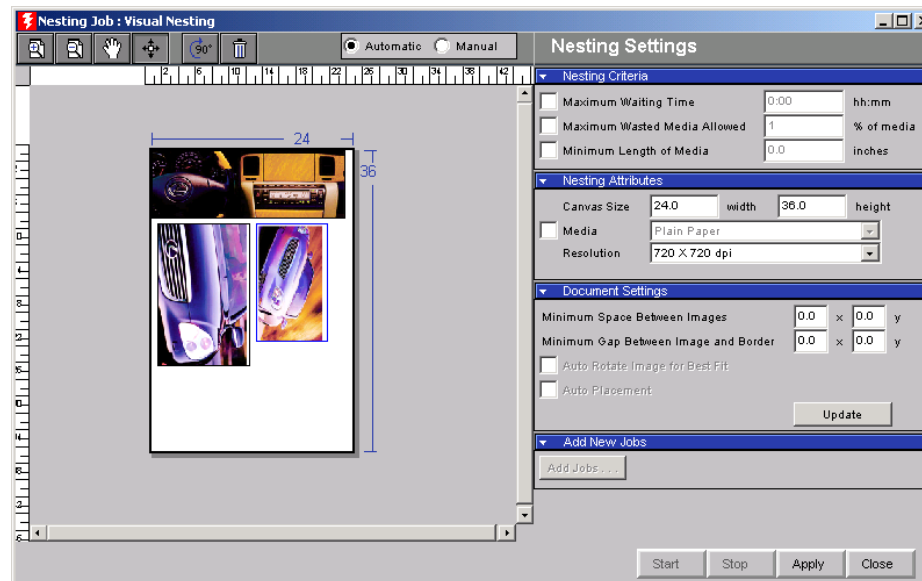
Job Log

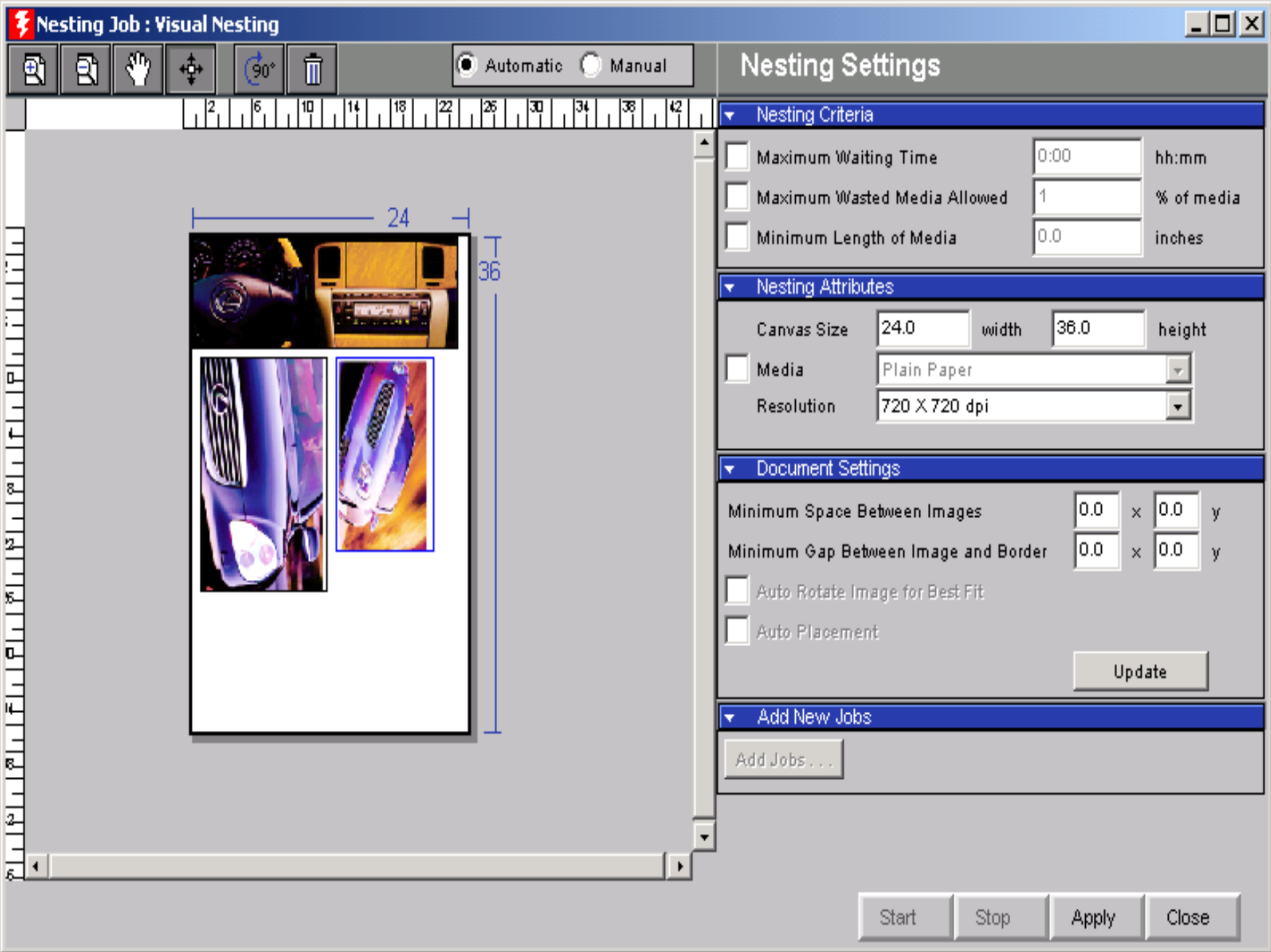
NUM

Fiery Spark Professional 2.0 Feature Set

➤ All NEW Fiery Visual Nesting

- User can choose to nest jobs manually or automatically
- Easy-to-use visual thumbnails of each file for simple layout creations
- For automatic nesting, user can define the maximum amount of media to be used
- Also allows for automatic rotation of files to maximize media usage

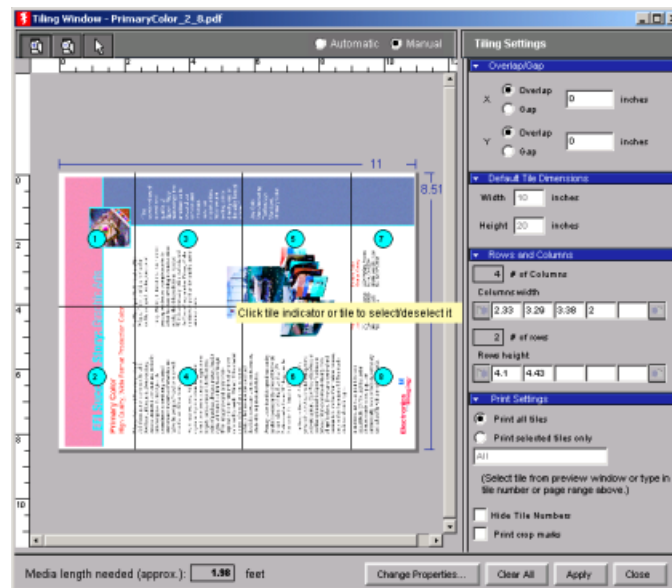


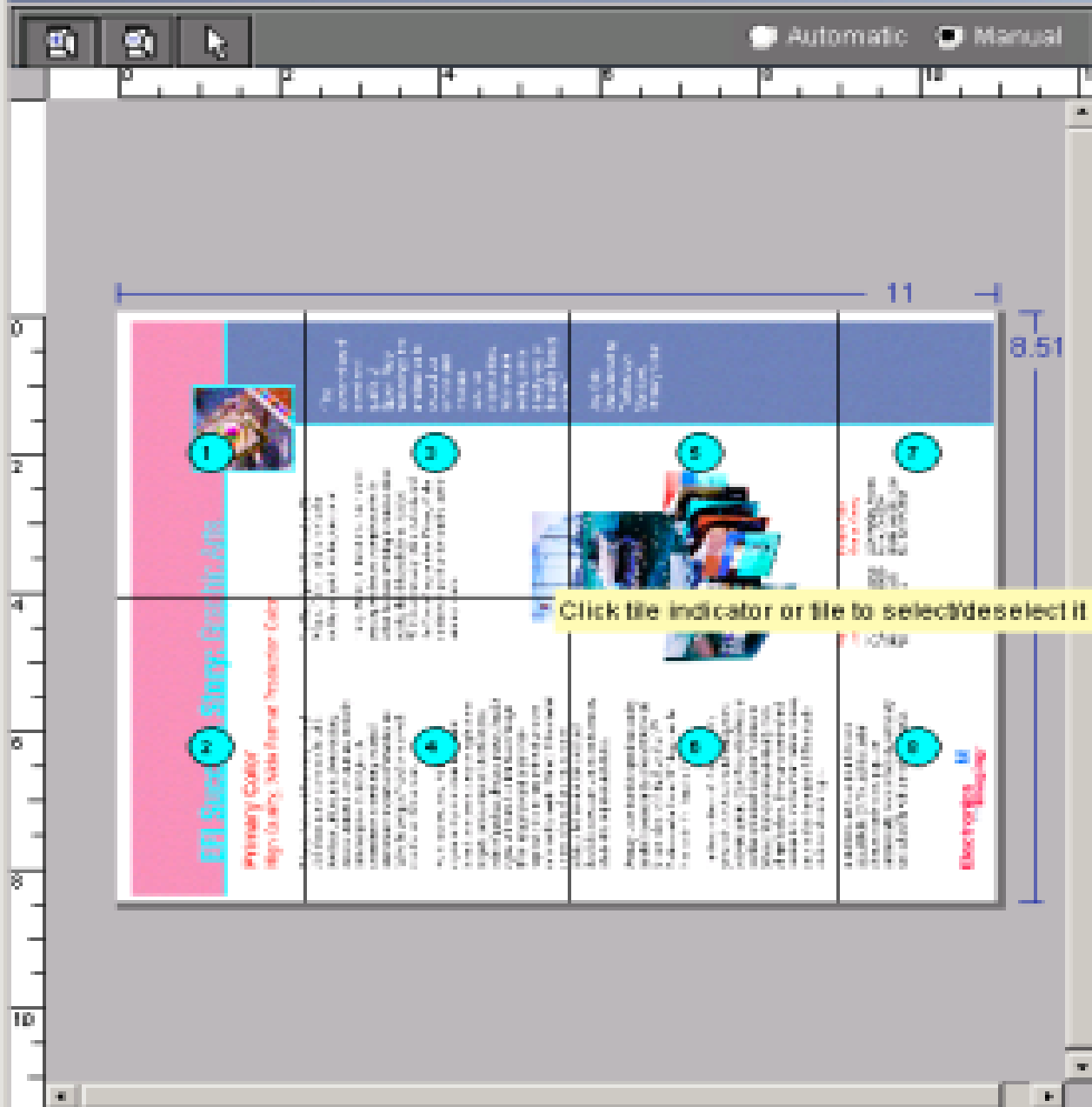


Fiery Spark Professional 2.0 Feature Set

➤ All NEW Fiery Visual Tiling

- Complete flexibility to automatically or manually tile print jobs well beyond the size of the printers' printable width
- Users can control the amount of overlap and gap on the X and Y-axis, the number of rows and columns, the width of the rows and height of the column
- Users can print just the guide markers or individual tiles, rather than the entire image





Tiling Settings

Overlap/Gap

- X ☒ Overlap ☐ Gap inches
- Y ☒ Overlap ☐ Gap inches

Default Tile Dimensions

- Width inches
- Height inches

Rows and Columns

- # of Columns
- Column width
-
- # of rows
- Row height
-

Print Settings

- ☒ Print all tiles
- ☐ Print selected tiles only
-
- (Select file from preview window or type in file number or page range above.)
- ☐ Hide Tile Number
- ☐ Print crop marks

Media length needed (approx.): feet

Change Properties...

Clear All

Apply

Close

Fiery Spark Professional 2.0 Feature Set



► Fully Configurable Hot Folders

- Macintosh and Windows users can transform normal folder icons into 'Hot Folders' that will automatically apply a pre-defined set of PPD settings to job files placed into them
- Hot Folders can be created against any Fiery 'chooser' print queue - Hold, Direct, or Print
- Hot folders support PostScript (.PS) and PDF file formats only



Fiery Spark Professional 2.0 Feature Set



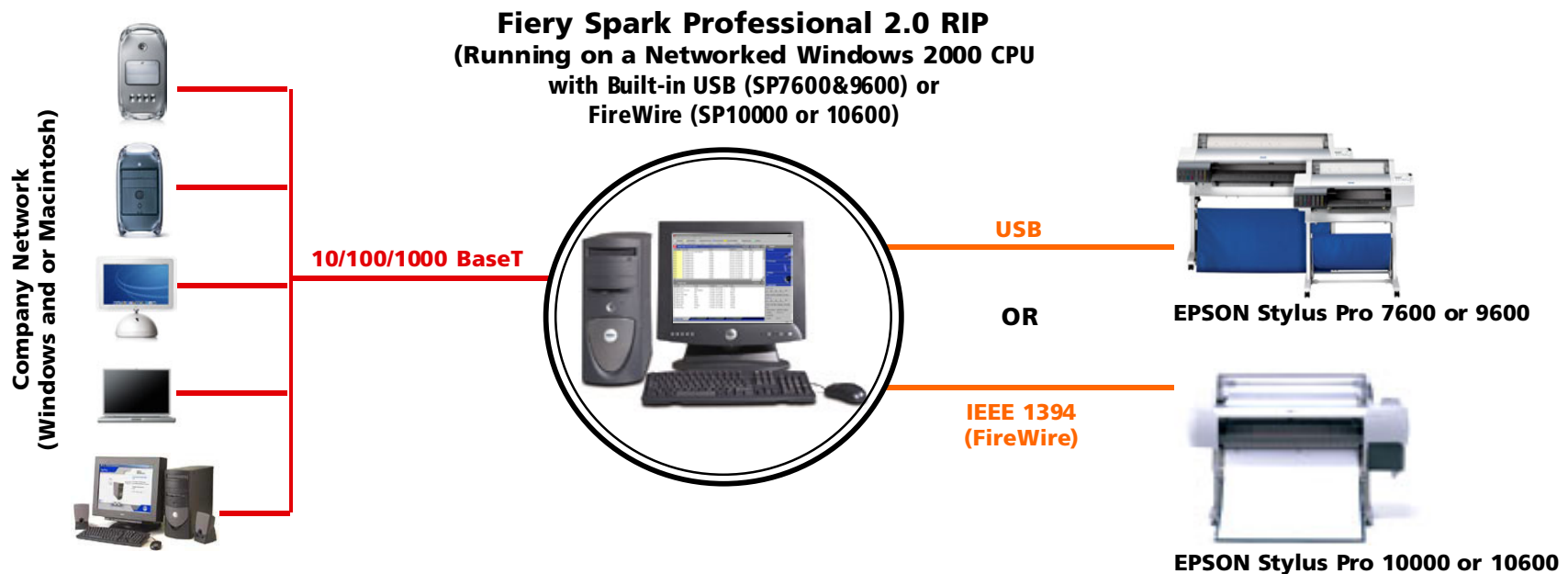
➤ Fully Macintosh and Windows Compatible

- All client Mac's can print directly to the Fiery Spark Professional 2.0 RIP through the standard Apple Chooser or via **Fully Configurable Hot Folders** shared on your desktop!
- Full support for Mac OS 10.2 or later! Print natively through the Mac OS 10.2 Print Center Utility for complete OS 10.2 support.
- All client PC's running Windows 98, Me, NT, 2000 or XP print directly to the Fiery Spark Professional 2.0 RIP through the standard Windows TCP/IP connection or via **Fully Configurable Hot Folders** shared on your desktop!
- Windows NT and 2000 users can print via AppleTalk or TCP/IP if needed
- Supports printing directly through the standard AdobePS driver 8.7.x or later

Fiery Spark Professional 2.0 Feature Set

High Performance Network Connectivity

- Fiery Spark Professional 2.0 RIP connects to either the EPSON Stylus Pro 7600 or 9600 via the standard USB port, or to either the EPSON Stylus Pro 10000 or 10600 via the standard IEEE 1394 FireWire™ port, off-loading print data from the main network
- Fiery Spark Professional 2.0 RIP connects to the company network via the built-in 10/100 or 1000 BaseT connection on the Windows 2000 Professional RIP CPU



Fiery Spark Professional 2.0 Feature Set



➤ Takes Full Advantage of Epson's Complete Line of Professional Media

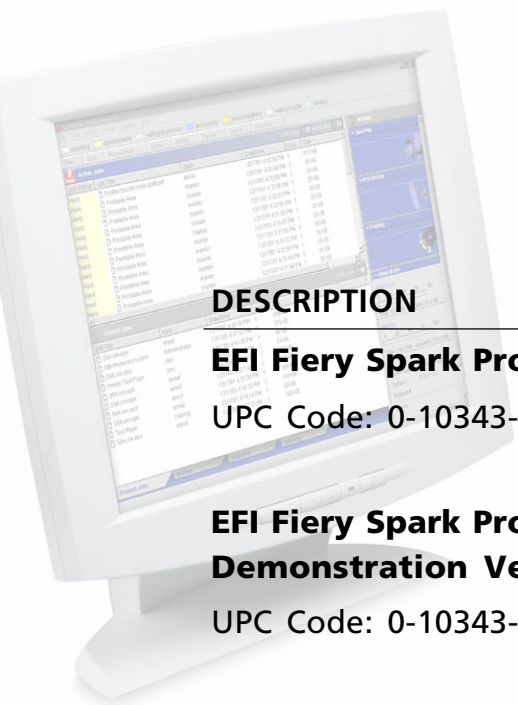
- Using Genuine Epson Media allows for the highest level of print quality possible from your new Epson Printer
- Fiery Spark Professional 2.0 comes with all Epson Media's pre-profiled for great out of box color matching
- All Genuine Epson Media profiles are also included as individual ICC files for use within other Color Management Systems

➤ Standard 1-Year EPSON Preferred Warranty Program

- Prompt answer toll-free phone support with personal PIN I.D. (same as printer I.D.)
- Available Monday thru Friday 6:00am until 8:00pm and Saturday 7:00am until 4:00pm Pacific Standard time
- Knowledgeable staff ready to take your questions
- Next business day hardware USB Key replacement for damaged or non-functional keys

Product Ordering & Pricing Information

EPSON Stylus Pro 7600 and 9600 Printers



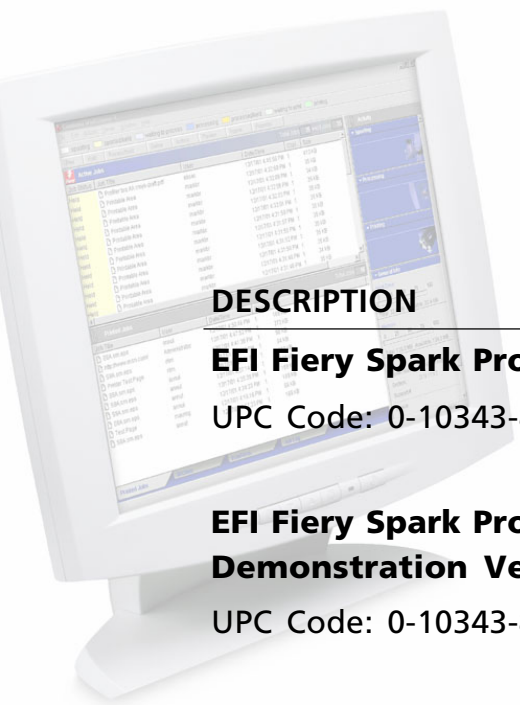
DESCRIPTION	EPSON PART NO.	ESTIMATED STREET	SHIP DATE
EFI Fiery Spark Professional 2.0 RIP UPC Code: 0-10343-84344-8	C842832	\$1,995	Now Shipping
EFI Fiery Spark Professional 2.0 RIP Demonstration Version UPC Code: 0-10343-84507-7	C842832DEMO	\$19.95	Now Shipping

Product Box Contains the following:

- System Software CD-ROM x1
- User Software CD-ROM x1 (Includes all Documentation in Searchable PDF Files)
- USB License Key x1 (Not Included in Demo Version)
- Install and Warranty Information Booklet x1

This RIP supports either the EPSON Stylus Pro 7600 or 9600 printer with UltraChrome Inks only.

The Fiery Spark Professional 2.0 RIP does not support the EPSON Stylus Pro 7600 or 9600 when using the Photographic Dye inks. The Demo Version is fully functional and prints a 'demo' watermark on the final printed output.



Product Ordering & Pricing Information

EPSON Stylus Pro 10000 and 10600 Printers

DESCRIPTION	EPSON PART NO.	ESTIMATED STREET	SHIP DATE
EFI Fiery Spark Professional 2.0 RIP UPC Code: 0-10343-84540-4	C842912	\$2,995	October 2002
EFI Fiery Spark Professional 2.0 RIP Demonstration Version UPC Code: 0-10343-84541-1	C842912DEMO	\$19.95	October 2002

Product Box Contains the following:

- System Software CD-ROM x1
- User Software CD-ROM x1 (Includes all Documentation in Searchable PDF Files)
- USB License Key x1 (Not Included in Demo Version)
- Install and Warranty Information Booklet x1

This RIP supports either the EPSON Stylus Pro 10000 or 10600 printer with ANY ink mode.

The Demo Version is fully functional and prints a 'demo' watermark on the final printed output.



APPENDIX

Product System Requirements

Frequently Asked Questions

Legal Notices

Fiery Spark Professional 2.0 Server System Requirements

What type of PC do I need to dedicate for the Fiery Spark RIP Server?

➤ **Windows 2000 Professional Hardware Requirements**

- 1.7 GHz Pentium 4 processor or Higher
- Dell, Gateway, HP/Compaq, and IBM all make great PC's at LOW prices!
- USB port required for connection to the EPSON Stylus Pro 7600 or 9600 printer
- IEEE 1394 "FireWire" port required for connection to the EPSON Stylus Pro 10000 or 10600 printer
- Internal 10/100 BaseT Ethernet

➤ **Memory and Hard Drive Requirements**

- 256 MB memory (512 MB Recommended)
- At least 100 MB of disk space needed for install
- At least 5 GB of free disk space needed for everyday print work (20+ GB recommended)

➤ **"Entry-Level" RIP Hardware Recommendation**

- Any 800 MHz Pentium III
- 256 MB of Memory

➤ **"Professional-Level" RIP Hardware Recommendation**

- 2.0 GHz Pentium 4
- 512 MB of memory
- 80+ Gigabyte Hard Drive
- Internal 10/100/1000 BaseT Ethernet



Fiery Spark Professional Feature Set Frequently Asked Questions

What comes in the box when I buy the Fiery Spark Professional 2.0 RIP?

Answer: A Quick Set-up Guide, 2 User CD-ROM's and 1 USB Hardware Key. All user documentation is in PDF and contained on the CD-ROM along with the RIP and driver installers.

What does a user need to buy to make the Fiery Spark RIP work?

Answer: The user must buy an Intel PC with USB or FireWire and Ethernet support running Windows 2000 Professional, and of course an EPSON Stylus Pro 7600, 9600, 10000, or 10600 printer.

Can I use Windows 2000 Server instead of Windows 2000 Professional?

Answer: Yes. However, Windows 2000 Professional will be more than adequate for even the most demanding printing environments.

How do future RIP upgrades work?

Answer: All future RIP maintenance updates will be FREE of charge. Future product upgrades or enhancements may require an extra charge. When an upgrade is released, user may need to pay shipping or handling charges to receive the new installer CD's.

Can I connect multiple print engines at the same time? Or in any combination?

Answer: No. You can only run a single printer model for every Fiery Spark Professional 2.0 RIP Server.



FierySpark Professional Feature Set Frequently Asked Questions

What if I lose my USB Hardware Key?

Answer: You must buy a new copy of the Fiery Spark Professional 2.0 Software.

What if my USB Hardware Key is malfunctioning?

Answer: In the unlikely event your USB Hardware Key is bad, simply contact EPSON through your standard Preferred Protection Plan Warranty and we will replace it for FREE with the return of your defective key. (new USB key can be cross-shipped using a credit card)

What is the warranty program for the Fiery Spark Professional 2.0 RIP?

Answer: The Fiery Spark Professional 2.0 RIP is covered under the standard 1-Year EPSON Preferred Protection Plan Warranty. If you are having any difficulties, please contact EPSON directly for solution.

Can I connect my EPSON Stylus Pro printer to the Fiery Spark Professional 2.0 RIP via an Ethernet connection?

Answer: No. Only the USB port is supported between the SP7600 or SP9600 or FireWire port for the SP10000 or SP10600 to the Fiery Spark Professional 2.0 RIP.

If I already own an EPSON Color Calibrator, can I use it to calibrate the Fiery Spark Professional 2.0 RIP?

Answer: Yes. However, you must download the EPSON Color Calibrator Software version 3.1 from the Epson web site. The hardware is the exact same, but the calibrator software is different.



FierySpark Professional Feature Set Frequently Asked Questions

If I already own the Fiery Spark Pro RIP 1.0 version for the SP10000, how can I Upgrade to version 2.0?

Answer: You get a FREE upgrade. Simply go to www.prographics.epson.com and purchase the DEMO version to receive your updated install CD's. Or visit your local dealer, they might have copies for you to take. Or visit Epson at one of our tradeshow booths and we will give them out for FREE. Just ask.

So, the Demo Versions of the Fiery Spark Pro 2 RIPs are FULL VERSIONS?

Answer: Yes, the CD installers that come in the DEMO versions of the Fiery Spark Pro 2 RIPs are exactly the same installer CD's for the FULL version. The USB key that came with the Fiery Spark Pro 1.0 RIP for the SP10000 is compatible with the new Fiery Spark Pro 2.0 RIP software.

Can I use the USB key from the Fiery Spark Pro 1.0 RIP for the Fiery Spark Pro RIP 2.0 for the EPSON Stylus Pro 7600 or 9600?

Answer: No. The USB keys are not compatible between the SP7600/9600 and the SP10000/10600.

How do I use the Fiery RIPs with Mac OS 10.2?

Answer: You must be using Mac OS 10.2 or later. Then you simply copy the PPD file from the driver installer CD to the following directory within your Mac OS 10.2 system:

/Library/Printers/PPDs/Contents/Resources/en.lproj

Then you simply configure the printer as normal through the standard Apple Print Center Utility.



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