

Bundled with all PRO II machines







Bundled with all PRO II printers

- New, Easy User Interface
- Full Featured Layout Options
- IntelligentPrintControl
- Robust Color Management System
- Networking Capabilities

FJ-540
CJ-540
SC-540
SJ-540
SJ-740



RSC Specifications	
Supported Operating Systems	
Windows 2000/XP	
 Windows 98/ME Clients 	
 Mac OS X (in development) 	
 No Mac OS 9 (Classic) support 	
Minimum 2000/XP Requirements	
CPU: Pentium 4 1.5GHz or faster	
RAM: 512 MB or more	FJ-540
Drive: 10 GB or more	CJ-540
Monitor: 1024 x 768 resolution w/32 bit color	SC-540
Recommended: Pentium 4 2GHz, 512 MB RAM,	SJ-540
40G HD, 100 Base-TX	SJ-740

Roland

11/1



Bi-Directional Communication with PRO II printer

- Printer Type
- Printer Status
- Port Info
- Media size
- Ink levels





File Formats Supported

- DCS 2.0
- EPS
- JPEG
- PDF 1.4 (Acrobat 5 format)
- PS
- TIFF







Roland SelectColor

Image: Status Image: Status <thimage: status<="" th=""> <thimage: status<="" t<="" th=""><th>Roland SelectCo <u>File</u> Edit Printer</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th><u>- 0 ×</u></th></thimage:></thimage:>	Roland SelectCo <u>File</u> Edit Printer										<u>- 0 ×</u>
Preview Internation Preview Preview TIFF 423894MB Hold Model name Completed color 1 TIFF 423894MB Hold Status Printer online Color 1 PS 106894KB Hold Status Printer online Color 1 PS 00008B Hold Color mode Status Printer online Color 1 PS 00008B Hold Color mode Status Printer online Color 3 TIFF 3950MB Hold Color mode Color mode 3 TIFF 3950MB Hold Printer Color mode TIFF 2014MB Hold Printer Priner Priner Printe	📄 🗙 🖡										
Maufacturer Maufacturer Solutz Bolnd Correction Maufacturer Solutz Solu	Roland SOLJET PR	OII SJ-540	⊸⊦	Name 🔽	Status	Sender	Cop	File format	File size	After print out	
Manufacture: Boland Model name: Solution Submet Solution Completed Solor Color 1 PS 10.08.94.MB Hold Model name: Solution Sole Color 1 PS 10.00.84.MB Hold 1 Portion Color 1 PS 10.00.84.MB Hold 1 Portion Color 3 TEF 23.823/MB Hold 1 Portion TCP/Pirl33.111.128.970.00 Sole Color 3 TEF 23.804.06 Hold 1 Color mode CMR/REAL Color 3 TEF 23.804.06 Hold 1 Color Time Pendine color 3 TEF 23.1154.MB Hold 1 Portise Solor Conor 1 TEF 23.1154.MB Hold 1	Preview Informati	ion]			Completed	color	1	TIFF	423.894MB	Hold	
Status: CVProznanie CVProznanie Color 3 TFF 23.927MB Hold Porti-science TOP/P133111.12837100 Color 3 TFF 23.953MB Hold Color mode 2 TFF 23.953MB Hold FACES Pending color 3 TFF 23.953MB Hold Color mode 2 TFF 23.953MB Hold Hold FACES Pending color 3 TFF 23.953MB Hold FACES Pending color 3 TFF 23.953MB Hold FACES Pending color 1 TFF 23.953MB Hold FACES FACES FACES FACE			1	- 1 40 cm.	Completed	color	1	PS	106.984KB	Hold	
Status: CVProznanie CVProznanie Color 3 TFF 23.927MB Hold Porti-science TOP/P133111.12837100 Color 3 TFF 23.953MB Hold Color mode 2 TFF 23.953MB Hold FACES Pending color 3 TFF 23.953MB Hold Color mode 2 TFF 23.953MB Hold Hold FACES Pending color 3 TFF 23.953MB Hold FACES Pending color 3 TFF 23.953MB Hold FACES Pending color 1 TFF 23.953MB Hold FACES FACES FACES FACE		SOLJET PROTI SJ-540			Completed	color	1	PS	0.000KB	Hold	
Driver version: 10.903/25199 Color mode Color version: 10.1903/25199 Color depth: 2 Resolution: 2014.40 Preding: color 1 Preding: color 1 <td< td=""><td>Status:</td><td>Printer online</td><td> </td><td></td><td>Pending</td><td>color</td><td>3</td><td>TIFF</td><td>28.927MB</td><td>Hold</td><td></td></td<>	Status:	Printer online			Pending	color	3	TIFF	28.927MB	Hold	
Driver version: 10.903/25199 Color mode Color version: 10.1903/25199 Color depth: 2 Resolution: 2014.40 Preding: color 1 Preding: color 1 <td< td=""><td></td><td>C:#Program Files#Roland SelectC TCP/IP:133111128.879100</td><td>>olor¥Hi</td><td></td><td>Pending</td><td>color</td><td>3</td><td>TIFF</td><td>3.963MB</td><td>Hold</td><td></td></td<>		C:#Program Files#Roland SelectC TCP/IP:133111128.879100	>olor¥Hi		Pending	color	3	TIFF	3.963MB	Hold	
Color depth: 2 Color depth: 2 Color depth: 1 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0	Driver version:	1.0.909.25199			Pending	color	3		29.154MB	Hold	
Resolution: 2021440 Panding Color 1 PS 9/244MB Hold Page size: Boll Page (S4m) Pending Color 1 TFF 225202B Hold Value Error Hitssion Output EC profile SJ2Sol SPVCB, 720x1440 icm Pending Color 1 JFF 225220B Hold Value For each of the synthesis of the synthesynthesis of the synthesis of the synthesis of the syn		CMAK(2bit)		— 🍟 Cxs2.t	Pending	color	3		35.109MB	Hold	
Halftone method: Error Diffusion Output ICC profiles J2Sol SPVCB_720x1440.icm	Resolution:	720X1440			Pending	color	1			Hold	
Halftone method: Error Diffusion Output ICC profiles J2Sol SPVCB_720x1440.icm		SOL Heavy Duty Banner(SPVCB))		Pending	color	1	TIFF	292.592MB	Hold	
Output ICC profileS.J2Sol_SPVCB,720x1440.icm Image: Specific structure Image: Specific structure <td>Halftone method:</td> <td>Error Diffusion</td> <td></td> <td>🗆 💾 001.jp</td> <td>Pending</td> <td>color</td> <td>1</td> <td>JPEG</td> <td>146.891 KB</td> <td>Hold</td> <td></td>	Halftone method:	Error Diffusion		🗆 💾 001.jp	Pending	color	1	JPEG	146.891 KB	Hold	
FACEs2.tif 0 0 0 10 <t< td=""><td>Output ICC profile</td><td>e:SJ2Sol_SPVCB_720x1440.icm</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Output ICC profile	e:SJ2Sol_SPVCB_720x1440.icm									
FACEs2.tif 0 0 0 10 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
FACEs2.tif 0 0 0 10 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
FACEs2.tif 0 0 0 10 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
FACEs2.tif 0 0 0 10 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
FACEs2.tif 0 0 0 10 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
FACEs2.tif	•		►								
FACEs2.tif			_	, 						·	1.00
		s2.tif		<u>an</u>		an ar	<u>, n</u>	<i>u</i> , 110 ,	120 130	140 150	
											8
Printer online VM4821MR 4509MR Free C01 4GR Free		2									
	Printer online							VM>	1821 MB 4509 ME	3 Free C:91.4GB Fre	e L

Main screen



Get it right on a Roland

FJ-540

CJ-540

SC-540

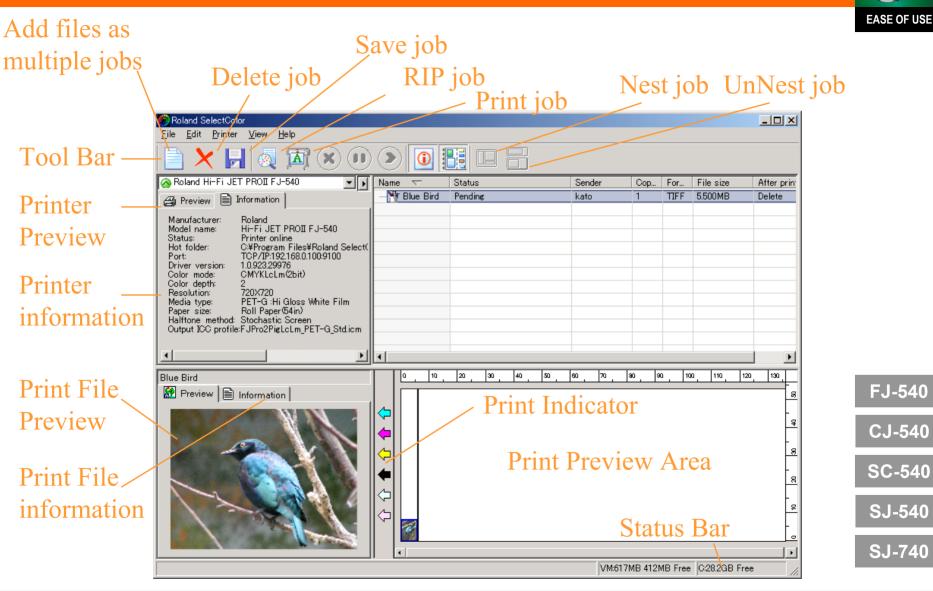
SJ-540

SJ-740



Roland

RSC Interface







SPEED

2.5 times faster than Roland ColorChoice (RCC)

• New, more efficient RIP architecture

Direct RIP of non-PostScript Files

 TIFF and JPEG files no longer have to be converted to PostScript before ripping

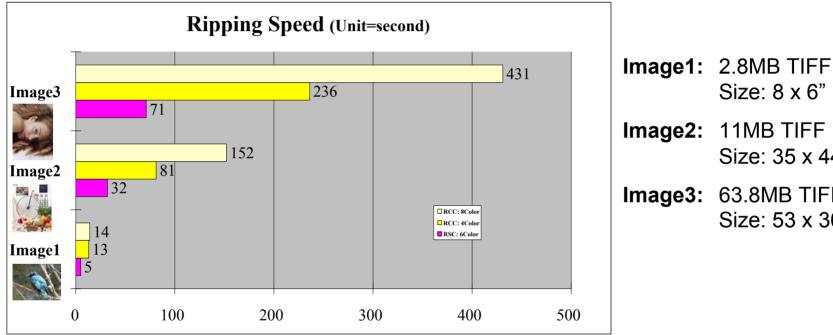
Image rotation does not affect rip speed





SPEED

RIP time improves as file size increases



Size: 8 x 6" Image2: 11MB TIFF Size: 35 x 44" Image3: 63.8MB TIFF Size: 53 x 30"

Test Parameters

PC: Pentium4 2.26GHz / 512MB RAM / 30GB Hard Drive

RIP: RSC1.0 vs. RCC ver.4.5

RSC Print mode:	Standard (PET-G)	720 x 720 dpi
RCC Print mode:	vSUPER(PET-G)	720 x 720 dpi

NOTE: Test includes Rip time only, does not include print time



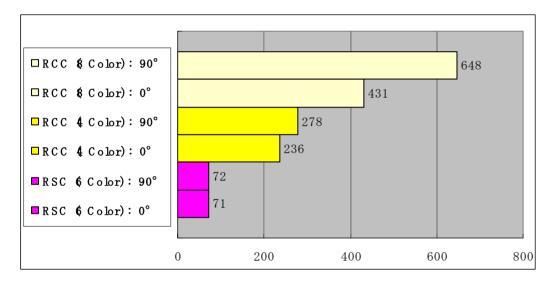


RSC vs RCC



Same Rip time when image is rotated

RCC incurs significant delay after rotation





90° Rotation



Test Parameters

PC: Pentium4 2.26GHz / 512MB RAM / 30GB Hard Drive

IMAGE: "Model_Brown" TIFF 63.8 MB @ 150 dpi / 53 x 30"

RIP: RSC1.0 vs. RCC ver.4.5

RSC Print mode:	Standard (PET-G)	720 x 720 dpi
RCC Print mode:	vSUPER(PET-G)	720 x 720 dpi

NOTE: Test includes Rip time only, does not include print time`





Multiple Printers & Queues



Setup multiple queues for each printer

🐞 Roland SelectColor	
<u>F</u> ile <u>E</u> dit <u>P</u> rinter <u>V</u> iew <u>H</u> elp	
🔘 Roland Hi-Fi JET PROII FJ-540_YP 🛛 🚽	Name
🔘 Setup… 🛛 🗃 Freview 🛛 📄 Inform… 🗎	
 Roland Hi-Fi JET PROII FJ-540 TCP/IP:133.111.128.250:9100 NOT READY SLEEPING Channel Status: Ready PIGMENT KCMYLcLm Printing Width:Omm Ink Left Roland Hi-Fi JET PROII FJ-540 PET TCP/IP:133.111.128.250:9100 Roland Hi-Fi JET PROII FJ-540 YP TCP/IP:133.111.128.250:9100 	

Each print queue can be defined with separate print, media and layout settings

Each queue can be custom named to help signify customized settings

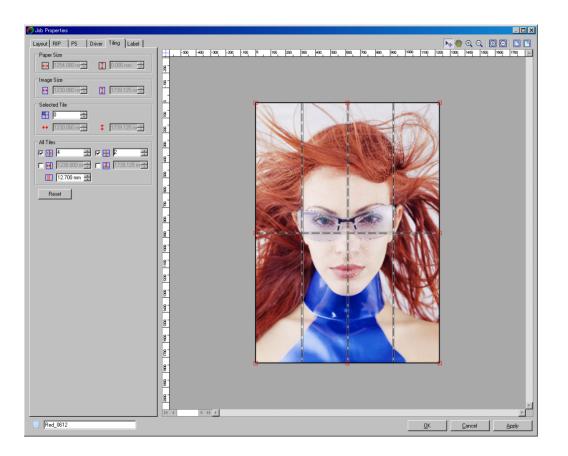
All queues can be seen by client workstations as separate printers







Automatic and Manual



Tiling allows you to separate your job for custom-sized output "panels"

Helpful when printing images larger than the printer's maximum print width

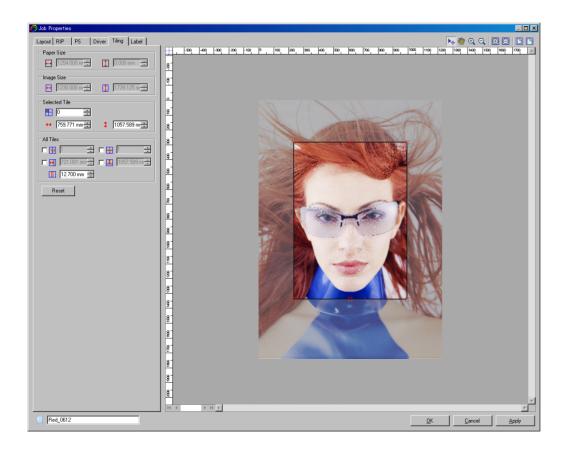
Can manually set specific panel sizes to adjust to specific elements of an image

FJ-540
CJ-540
SC-540
SJ-540
SJ-740









Built-in cropping tool allows you to print only the selected portion of your image.

Use for partial prints and color checks

FJ-540
CJ-540
SC-540
SJ-540
SJ-740







Automatic Nesting

A CALL PROCESSION OF A CALL OF A CAL		Dela India India India India	Sander Ca color 2 color 1 color 1 color 1	The benefit	Fat size (5.10046) (5.10046) (5.11646) (Affree game and Delates Delates Delates Delates			
		171717	<u>din din din</u>						1
						1	1		1.1.1.1.1
			75	12		1			1
		K	1	20		1			1
	1	A	-				UNADITIND AD	INS Free CODE	(+)
	-						LANALTING ALL	EMD Free CROX	10 France
	-						UNAUTING BU	MB her CSD	38 Pres
K PL 1 2 2, 1 Dree Jee By	C 61	>					AMAILTINE HE	Milline Cito	E J DD Free
	C 61	> () () Tenta Tenta	an a	e. fin tree Ter	f Fit see 25.5040	After prior sur Dation		end Frae Coop	38 Pres
A CALL AND		> () () Data Fushe	Sansia Co	fit true Tur Tur				and Fau - Coop	38 Pres
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Data Pending -	Service Co Joke 1 1 1 1 1 1 1	गरा गरा गरा गरा	2510040 2515440 25162548 2562548 2562548	Deters			Files
A CALL AND	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Data Pending -	Service Co Joke 1 1 1 1 1 1 1	गरा गरा गरा गरा	2510040 2515440 25162548 2562548 2562548				Files
Connector 100 and 100		Data Pending -	Service Co Joke 1 1 1 1 1 1 1	गरा गरा गरा गरा	2510040 2515440 25162548 2562548 2562548	Deters			
K Contractor of the second sec	t and the second	Data Pending -	Service Co Joke 1 1 1 1 1 1 1	गरा गरा गरा गरा	2510040 2515440 25162548 2562548 2562548	Deters			
		Data Pending -		गरा गरा गरा गरा	2510040 2515440 25162548 2562548 2562548	Deters			
		Data Pending -		गरा गरा गरा गरा	2510040 2515440 25162548 2562548 2562548	Deters			

Roland

Printer Setup
General RIP PS Nesting Port Driver
Enable Automatic Job Nesting
Time Condition
At 11:00:00
I At 16:00:00
M Interval 1 🛨 H 🛛 🛨 M
Media Length Covered 762.000 mm
✓ Number of Jobs 4
OK Cancel Apply

Multiple jobs can be nested for more efficient media usage.

Each nested job still retains it's own individual and individual job properties.

FJ-540
CJ-540
SC-540
SJ-540
SJ-740



Manual Nesting

X	H 2 14 0 0 0	Name Status	landar		f File Size		Created Time
	Carrenter 1 Calendian		color	Ogen Paren	770 10040	Delete	2002-08-06-08-08-02-1
Bol and 105,7	TT FM01 13-540	Sy middle		1 194	MIT TOURS	-	-
3 Roland No-P.	10 111 128 87 8100 5 387 FMILE \$7-540	- Cala A		1 TFF 1 TFF	20124048 3954MD		
ত্র ।মা		Tanta Tanta Tanta Tanta Care Tanta Tanta		1 197	3957MS		
	solid Jross	11	is he in he	In In In	h. ja, ja	In he	100 (m) (m)
Etration 1	B Information				10, 10, 10		10.10.10
2 1 C			1000	Contraction of the second			
Erested Time	Fredding verdar 2005-06 (0) 53 512 States 192-4 (0) Glass Maine False (00000.class Cher) 100-720 C. Vregne False/Addand SelectSelar/201			10 m			8
After Print	Salata FET-1 Fi Gans Bits File	0	T- 10	A			1
LaLor Mode Beuslution	CHEELILA (26(1) TUINT20		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1
Calor Depth Dergest Fredile	C Wrogen Files/doland SelectColor/20	Bretiler/Asland No.76, 202 PMD	THE OWNER	Se 🖛			
File Felk File Ceptes File Fernat File Star Dynicol Star Fages	C Gormonto and Settings/oslar/ F.3.7	××≠UNI II Smilalaindal,Bri		4	9		
Jile Format	1179 301 16089 672 7 I 600 0 Millimeters	\$	-	GPA LA	N#		
Denicul Tice Pages	ETR 7 X 480 D Billineters		P	105		_	<u>y</u>
			-	1 an	and a	-	1
						and the second	
		0	and and	AA	-		
		1 million	and the second	AU	10		
		0	100 100	A 19	10	Contraction of the second	1
		4		NA		1	14
				- A - A - A - A - A - A - A - A - A - A	-	Con.	
					aller		
		12	+1		-		1.1
inter atting					MADZIME ASTO	and the party is a second	1000 F100
Line Edd Div	nicova na jesti	1					<u>د الله</u>
							a Di X
Diversity		al None Status	Lenter	Ogen Fam	et File Sile	After Part	Constant Time
Dilet Hofi		· Nore Status	Devise Colo	1 111	et Fär Son 201 10040	After Friet Selete	
Died 10-1	AT HOL /240	· Nore Status	<u>Devise</u> colo	1 31	20110040	After hist Scient	Constant Time
Divert Hoff		· Nore Status	Bender schr	1 21	201.180HB 301.160HB 201.240HB 3.954HB	Ane hiel Selete	Constant Time
Diving Line	AT HOL /240	· Nore Status	Indu	1 31	201.180H0 301.160H0 201.240H0	After Print Solare	Constant Time
Deland Hoff	AT HOL /240	Bare State Intere State Interesting Sector Se	Inter	1 31 1 31 1 31 1 31 1 31	201.10040 001.16040 201.24040 3.95440 3.95440	After hist Jakes	Counted Trave 2002-38-04 041581
Deland Hoff	AT FOOL 2-540 To rever 1 B Information To rever 1 B In	· Nore Status		1 31 1 31 1 31 1 31 1 31	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	After Port Delay	Created Time 2002-08-04 (BHD)
Robert Horfs	All Fred And All Fred And There is a balance in the Fred And All Fred And There is a balance in the All Fred And All Fred All Fred All All Fred All Fred All Fred All All Fred All Fred All All Fred All Fred All Fred All All Fred All Fred Al	Bare State Intere State Interesting Sector Se	lande oktr	1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Constant Time 2000-200-20 constant 2000-200-20 constant 2000-200-200-200 2000-200-200-200-200 2000-200-2
Carlos Contractor	Art Hold Frage Art Hold Frage Denne (B) Information Information Informati	Name Data 10 100 Mode 10 200 mode 11 200 mode 12 200 mode		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Counted Tour 2007-00-00-00-00-00 1 1 1 1 1 1 1 1 1 1 1 1
Constant Store	Art Hold Frage Art Hold Frage Denne (B) Information Information Informati	Name Data 10 100 Mode 10 200 mode 11 200 mode 12 200 mode		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Created Toe 2007-06-04 GHGH 1 000 100 100 1 1 1 1 1 1 1 1 1 1 1 1 1
Constant Store	Art Hold Frage Art Hold Frage Denne (B) Information Information Informati	Name Data 10 100 Mode 10 200 mode 11 200 mode 12 200 mode		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Counted Tour 2007-00-00-00-00-00 1 1 1 1 1 1 1 1 1 1 1 1
Constant Store	Art Hold Frage Art Hold Frage Denne (B) Information Information Informati	Name Data 10 100 Mode 10 200 mode 11 200 mode 12 200 mode	low ito	1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Created Toe 2007-06-04 GHGH 1 000 100 100 1 1 1 1 1 1 1 1 1 1 1 1 1
Avenuel North Avenuel	Image: Section 1 Image: Section 1 Image: Section 1 Image: Section 1 Image: Section 2 Image: Section 2 Image: Section 2	2 Marie 		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	
Avenuel Hu-File Avenuel Hu-File Daving Link Anizert SUL Three Avenuel Avenuel Three Avenuel	All Fred And All Fred And There is a balance in the Fred And All Fred And There is a balance in the All Fred And All Fred All Fred All All Fred All Fred All Fred All All Fred All Fred All All Fred All Fred All Fred All All Fred All Fred Al	2 Marie 		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Concrete Tone 2000 See An Alexan tone tone tone tone tone tone tone tone tone tone
Control Territory Control Terri	AT FOLIA IAI CONTACT AND A CON	2 Marie 		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Connect Tree 2002 de or cetter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Avenuel Hu-File Avenuel Hu-File Daving Link Anizert SUL Three Avenuel Avenuel Three Avenuel	KAT KAT AN	2 Meri 		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Concrete Tone 2000 See An Alexan tone tone tone tone tone tone tone tone tone tone
Andred Prof. Andred State Andred Andred State Andred State Andred State Andred	AT FOLIA IAI CONTACT AND A CON	2 More Long 1 Mark Long 2 Mar	100	1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Connect Tree 2002 de or cetter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Andred Http:// Baland H	KAT KAT AND	Direction Direction Image: Direction Direction	100	1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	200000 Too 3000 00 00 00 00 00 1 00 00 00 00 00 1 00 00 00 00 00 1 00 00 00 00 1 00 00 00 00 1 00 00 00 00 1 00 00 00 1 00 00 00 1 00 100 1
Andred Http:// Baland H	AT FAIL AT A D D D D D D D D D D D D D D D D D	2) See Deck 1 See Deck 1 See Deck 2 See		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Convert Tree Total Convert Tree Total Convert Tree Total Convert Tree Total To
Constant for Fri	KAT Kat A Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat Kat	Street Date Image: Street Street Image: Street St		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	200000 Too 3000 00 00 00 00 00 1 00 00 00 00 00 1 00 00 00 00 00 1 00 00 00 00 1 00 00 00 00 1 00 00 00 00 1 00 00 00 1 00 00 00 1 00 100 1
Defend for Fri Defend for Fri Defend 2000 Def	Constraints Constrain	Image Date Image Date </td <td></td> <td>1 131 1 131 1 131 1 131 1 131 1 131</td> <td>231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246</td> <td>Delays</td> <td>Convert Tree Total Convert Tree Total Convert Tree Total Convert Tree Total To</td>		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	Convert Tree Total Convert Tree Total Convert Tree Total Convert Tree Total To
Charact North	Constraints Constrain	Street Date Image: Street Street Image: Street St		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	
Control for the second se	Long of the second	Image Date Image Date <		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	2000000 You 2000 00 00 00 00 1 000 00 00 00 00 1 000 00 00 00 1 000 000
Autoral North Control Status Autoral North Control Status Autoral North Control Status Autoral North Control No	Constraints Constrain	Image Date Image Date <		1 131 1 131 1 131 1 131 1 131 1 131	231.18040 301.18040 231.24040 3.96446 3.96740 3.96740 3.96246	Delays	

Roland

Printer Setup	(
General RIP PS Nesting Port Driver	
Enable Automatic Job Nesting	
Time Condition	
At 11:00:00	
At 16:00:00	
Interval 1 + H 0 + M	
🗖 Media Length Covered 76.200 cm 🚊	
Number of Jobs 4	
OK Cancel Apply	

Multiple jobs can be nested for more efficient media usage.

User can determine which image will print in what order









Automatically steps & repeats multiple pages

<mark>l Roland SelectColon</mark> Eile Edit <u>P</u> rinter ⊻iew _elp										
📄 🗙 🛃 🧔 🖾 (B		> 0							
B. Heal SCLUET, PROF SUI-740 💌 💌	Nam		Statue		Sencer	Cop.,	F le format	Fles	ize	After print o
Preview Information	- 2	Color	Pencine		0.01	1	POF	2.195	MD	Delete
Van facturer Po and Modal name SOLUE I PROI So Sinal a. Printer nilline ont Clar: SVPTogram Flac Driver version: Triver version: 1050628823 Loter mode: SVPX(Loth2DD) Contra regular: Not Source Sources Not Contra regular: Not Sources Not S										
ColorPrint.pdf	-	۹, ۵.	, 19 K	s. 29	ļā. β.	, 35, , , 4	۹÷	89 <i>1</i> 5.	. <u> </u> 20 o	:
		5			1 	Ī	NSU(2)	12		
2722	4									
ार द २ अ	\		Ţ.	k .						
	¢			n <mark>H</mark> Se ⁿ tra		CALCULAR STATE	Negative Negative	10		
	+	N ST.	10 J		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					

Multiple page PDFs

Will fit all pages automatically within media width

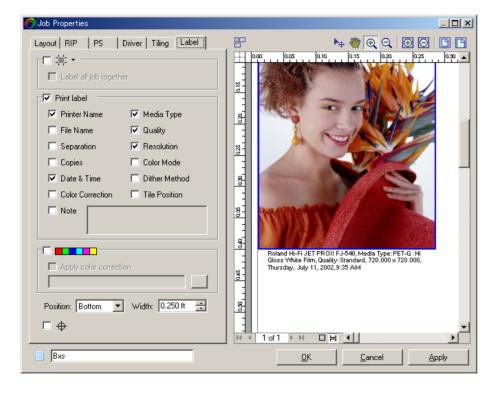
FJ-540
CJ-540
SC-540
SJ-540
SJ-740







Print various "labels" or job properties



Roland

Helps to track job properties easily

Imperative for tracking color management

Color Bars

Registration & Cropmarks

FJ-540
CJ-540
SC-540
SJ-540
SJ-740





Provides simplified settings for the user

Conventional printing modes:

- Draft, Fast, Fine, Normal, vNormal, Super, vSuper, Photo and vPhoto
- Too many choices

IPC Modes:

- Speed, Standard, Quality
- Settings are more understandable







EASE OF USE

Simplified IPC settings are determined by media

User chooses Speed/Standard/Quality print modes in Roland SelectColor

IPC is optimized for better color fidelity between print modes

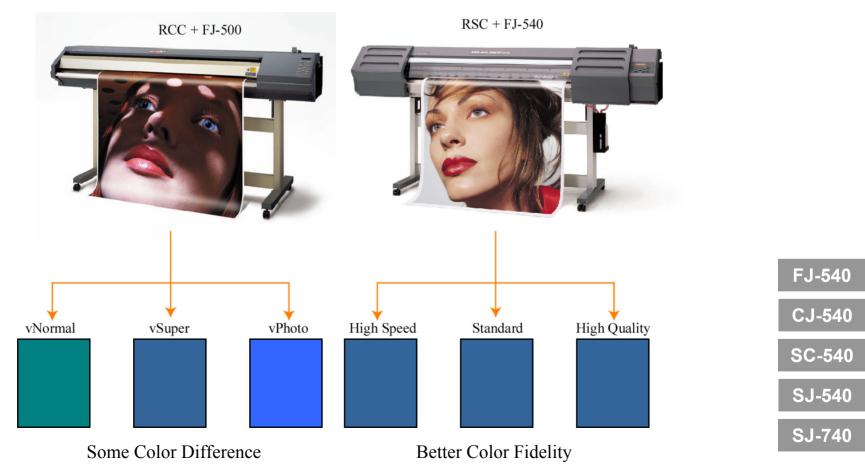
FJ-540
CJ-540
SC-540
SJ-540
SJ-740







Each print mode is optimized to others









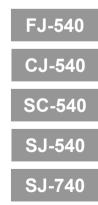
Beginning Users can easily select the best print mode for each job

 Experienced users can bypass IPC to gain access to advanced print modes

Less media waste

Too many options means more trial and error to find the "best" print settings

Colors match on supported profiles





Intelligent Print Modes



Applications	Media	Print Mode	Resolution (dpi)	Pass	Dot Control	Speed	
		Speed	450 x 360	2		28 sqm/hr (300 sqft/hr	
	Matte Finish	Standard	360 x 720	4	Variable	14 sqm/hr (150 sqft/hr	
Standard		Quality	720 x 720	8		7 sqm/hr (75 sqft/hr)	
Stanuaru		Speed	360 x 720	4		14 sqm/hr (150 sqft/hr	
	Glossy Finish	Standard	720 x 720	8	Variable	7 sqm/hr (75 sqft/hr)	
		Quality	720 x 1440	16		3.6 sqm/hr (39 sqft/hr)	
		Speed	720 x 720	8	Fixed (Large)	T.B.D.	
Screen Print	Clear PET Film	Standard	1080 x 1080	18	Fixed (Middle)	T.B.D.	
		Quality	1440 x 1440	32	Fixed (Small)	T.B.D.	
FineArt	FineArt Paper	Photo	1440 x 1440	32	Fixed (Small)	T.B.D.	





Embedded Profile Support



Printer Setup	<u>></u>	I				
General RIP	PS Nesting Port Driver					
🔽 Automatic	Print Option Selection					
Media Type:	SOL Heavy Duty Banner(SPVCB)					
Quality:	High Quality 🔽					
Resolution:	720x1440 🔽					
Color Mode:	CMYK(2bit)					
Dithering:	Error Diffusion 💌 Edit					
Interpolation:	Nearest					
Density:	none 💌 Edit					
🔽 Enable Co						
Output Profil						
SJ2Sol_SP	/CB_720x1440.icm					
Input Profile	Use Embedded ICC Profile					
Jap	anStandard.icc 💌					
ITU	J-R_BT.709D65Gamma1.8.icm					
Del	fGray.icm 💌					
🗖 Enable S	ipecial Color Matching					
]				
OK	Cancel Apply					

If option is checked, user can utilize embedded profiles.

Acknowledges profile decision of original artist

Adobe Photoshop and Illustrator can embed profiles

)	FJ-540
es	CJ-540
	SC-540
	SJ-540
	SJ-740





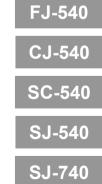
Roland

CRD Options

ProfileEdit	×
RIP Profile: SJ2SoI_SPVCB_720x144 Rendering Intent Saturation Image: Saturation Image: Perceptual Image: Perceptual Image: Relative Colorimetric	40.icm SOLJET PROII SJ- 540 Ink: No ink Media: SOL Heavy Duty F Quality: High Quality Color: CMYK(2bit) Version: 1.0
	OK Cancel

Assign different CRDs (Rendering Intents) to Vector, Bitmap, Text and Gradient elements.

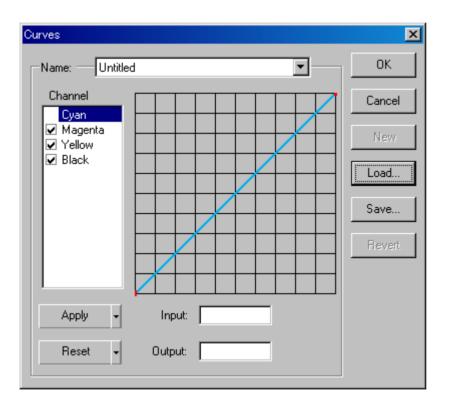
Black text can now be defined to print with only black ink





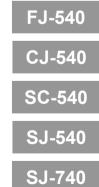






Density adjustment can be performed on each color layer of a DCS 2.0 file.

Use for Hexachrome workflow or manual color correction



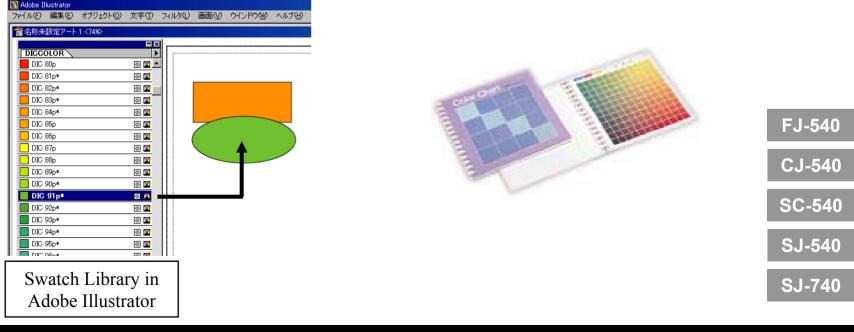






Pantone/DIC/TOYO Support

- Define swatch library in Illustrator
- RSC handles the incoming library to create a LUT for proper color conversion





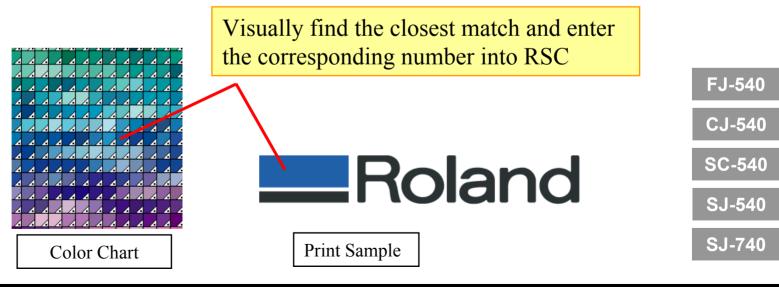




Get it right on a Roland

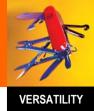
Color Chart Steps

- Print Color Charts
- Compare target color to chart swatch
- Choose the closest color and input into RSC
- Color Management without a color device



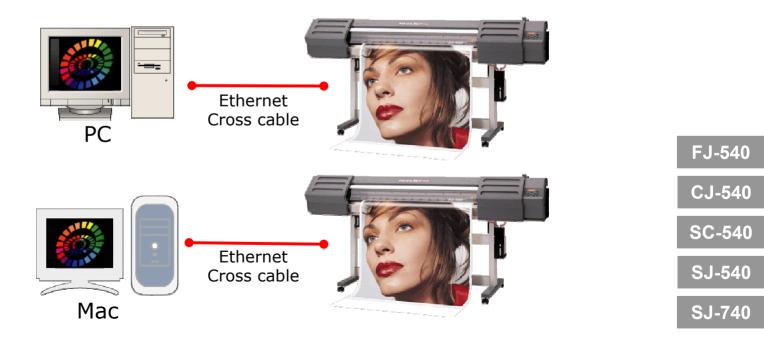






Stand Alone

- Windows XP or 2000
- Mac OS X (under development)



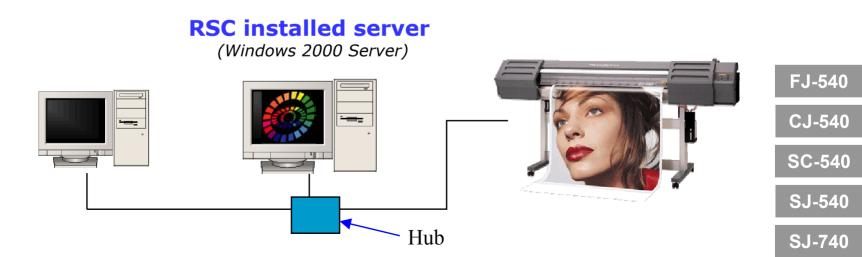






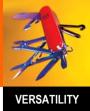
One server, one client

- RSC installed on Windows 2000 server
- Client can be Windows 98, ME, 2000 and XP
- Client can also be Mac

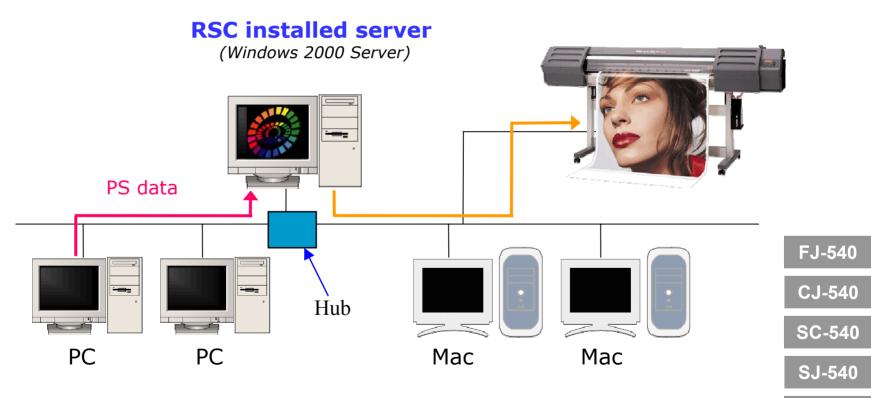








Office Environment

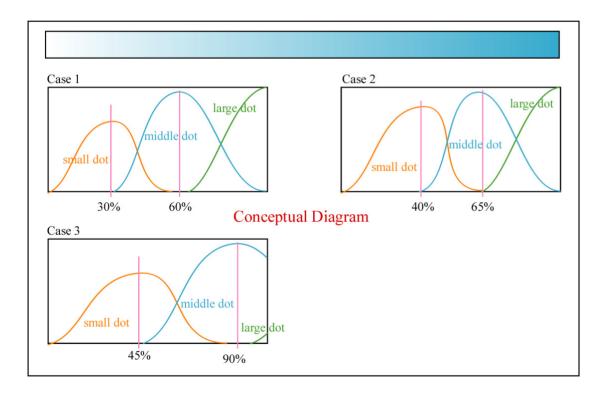


SJ-740





Can precisely control variable droplet size thresholds



Roland

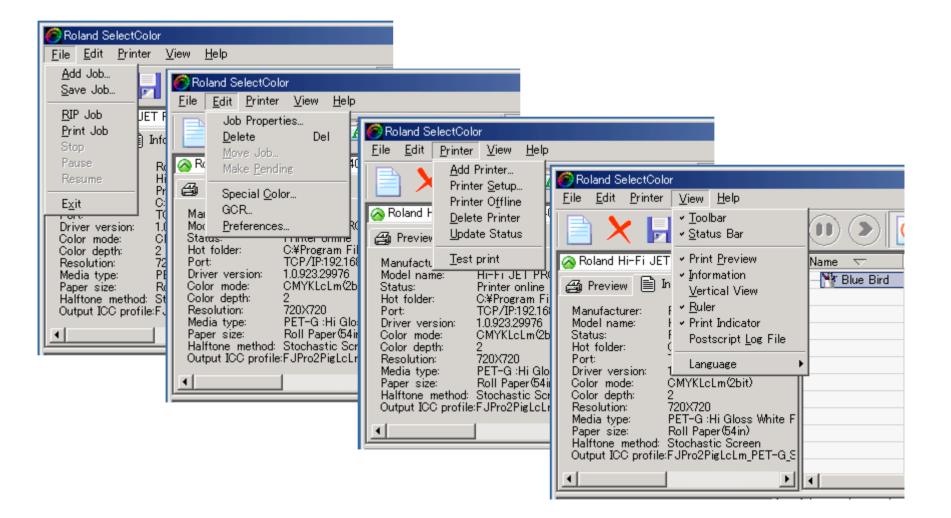
Feature allows for color fidelity between different print modes and different media types

Reduces color shifts in grays and gradations

Offers better con-	FJ-540
trol of linearization	CJ-540
process	SC-540
	SJ-540
	S.I.740



RSC Menus





Get it right on a Roland

REFERENCE



Roland

RSC Menus



Roland

RSC Menus

	RE	FE	R	ΞN	С	E
--	----	----	---	----	---	---

Printer Setup	Printer Setup	Printer Setup
General RIP PS Nesting Pot Driver Enable Automatic Job Nesting Time Condition At 11:00:00 Image: At Image: At	General RIP PS Nesting Port Driver Port Description	General RIP PS Nesting Port Driver Image: Use Driver Setting Image: Enable Calibration Auto Cut Paper Print Direction Image: Outofice Cut Paper Print Direction Image: Outofice Cut Paper Print Direction Image: Outofice Cut Paper Page Space 10 mm Image: Outofice Cut Paper Over Print 1 Image: Outofice Cut Paper Drying Time 0 sec Image: Outofice Cut Paper
OK Cancel Apply	OK Cancel Apply	OK Cancel Apply



. Job Properties

RSC Menus

REFERENCE

Label

្រ ន

₿·

н

Layout RIP PS Driver Tiling Label	E
Paper Size	
Roll Paper(54in)	4
🛏 137.160 cm 🔹 🚺 0.000 cm 🛫	
Paper Margin	
🔲 0.305 cm 🛨 🛅 0.305 cm 🛨	
0.305 cm 🛨 🔲 0.305 cm 🛨	8
Size	
😝 40.640 cm 🛨 🚺 30.480 cm 🛨	
200.00 % 📑 🚺	
Position	<u>-</u>
🕒 0.000 cm 🛨 🔁 0.000 cm 🛨	
🔒 3 📑 💀 0.635 cm 📫	
Rip and Print at the same time	Ę
Apply to entire job	
After Print: Delete	
↑ F 🕂 1 🕂 🕂	
Blue Bird	

🧑 Job Properties	🕖 Job Properties
	Layout RIP PS Driver Tiling Overprint Use Embedded Halftone screen Flatness: 0.20
FJPro2PigLcLm_PE1-G_Std.icm Input Profile Use Embedded ICC Profile USWebCoatedSWOP.icc SRGB Color Space Profile.icm DefGray.icm Enable Special Color Matching	
Blue Bird	Blue Bird





RSC Menus

REFERENCE

💓 Job Properties	Ob Properties
Layout RIP PS Driver Tiling Label	Layout RIP PS Driver Tiling Label Paper Size 137.160 cm 0.000 cm 130.480 cm Selected Tile 0 40.640 cm 30.480 cm Selected Tile Image Size 40.640 cm 30.480 cm 30.480 cm All Tiles Image Size 1270 cm 30.480 cm 1.270 cm Reset
Blue Bird	Blue Bird

*

*

÷

🗘 30.480 cm 🛨

🚺 30.480 cm 🛨

