CGS ColorTuner Web v1.2 b250 Set-Up / Config With an Offline Spectro

Date: 4-20-11 Version: 1.0 Environment: Windows XP SP2 Note:

Purpose: A general procedure on how to setup and configure Oris Color Tuner Web v1.2 on a Windows XP (SP2) OS driving an inkjet proofing device. This implementation is done using an offline spectrophotometer, *a custom paper profile*, and targeting a GRACoL 2006 Coated1 target.

This document contains the following sections:

- 1. Installing the software
- 2. General configuration
- 3. Building a reference printer profile
- 4. Adding a new printer
- 5. Configure settings for new printer



INSTALLING THE SOFTWARE

- 1. Double click the installer application (if the application has not already started when you inserted the CD).
- 2. Once the installer runs, you will be asked where to install the software. Choose the default location.

		Setup will install ORIS COLOR TUNER // WEB in the following	
		folder.	\leq
	ODIC	To install to this folder, click Next.	
	HYBRID PROOFING COLOR TUNER // WEB«	To install to a different folder, click Browse and select another folder.	R
		You can choose not to install ORIS COLOR TUNER // WEB by clicking Cancel to exit Setup.	
		Destination Folder	
POF PRIN		C:\\CGS\ORIS COLOR TUNER WEB Browse	
NTONE tal Color		< Back Next > Cancel	

3. Click *Next* and the installer will continue.

4. Insert the USB dongle when asked.



- 5. Click Next.
- 6. Select the target printer plug-in to be installed from the list.

ORIS Color Tuner Plug		×
ORIS HYBRID PROOFING COLOR TUNER // WEBX	Please note that additional ORIS Color Tuner Plug-Ins have to be installed or updated for the printers listed below. You can fin the ORIS Color Tuner Plug-Ins on the product CD or on our wel site http://www.cgs-oris.com. Select the printer and click 'Install' if you want to install the ORIS Color Tuner Plug-In. Canon iPF6300 Canon iPF6300S Canon iPF6300S Canon iPF8300 Canon iPF8300 Canon iPF8310S EPSON Colorio PM-4000PX EPSON Maxart PX-5000 EPSON Maxart PX-5500 EPSON Maxart PX-5500 EPSON Maxart PX-5600S	d b S
	< Back Next > Install	

7. Click Next



8. If a security warns that the application cannot be verified, click Run.



The installer will complete the installation. Uncheck the option to view *Read Me* and *Launch Oris Color Tuner*.



GENERAL CONFIGURATION

- 9. Create a folder on the desktop called: ORIS Resources
- 10. Create a folder structure as illustrated below:



11. Copy files into the appropriate folders as labeled.



- 12. Launch ORIS Color Tuner Web application
- 13. Select the File menu and select Preferences.



14. Under the *General* tab, configure as illustrated below:

Preferences	
Measurement Device Setup Watched Folders Da General ICC APC/ACM	atabase Email Setup Log Embedded Measure Devices
 Enhanced ICC profile browser Enhanced color value correction functions (2D/3D View,) Advanced printing settings 	Density based CIE Lab based (for experts)
Queue Setup Files O	Browse
Reference Files The relationship between test charts and reference files is Clear this cache if test charts are loaded incorrectly. Clear cache	cached.
ОК	Cancel <u>H</u> elp

15. Under the *Embed Measure Devices*, configure as illustrated below:

Preferences
Measurement Device Setup Watched Folders Database Email Setup Log General ICC APC/ACM Embedded Measure Devices
Epson SpectroProofer Air dry Drying time (min) Air blast fan Drying time (min) Image: SpectroProofer Image: Spectreproofer Image: SpectroProofer
Fan power (%) 80 Response status ANSI T
Create test charts with vertical space (for film)

This configuration is based on the Epson being equip with an embed SpectroProofer.

16. Under the Measurement Device Setup, configure as illustrated below. (Be sure to test the connection)

General	ICC	APC/ACM	Em	bedded Measure D	evices
Measurement Device	e Setup	Watched Folders	Database	Email Setup	Log
Instrument	Eye-One	e iO	v (Instrument prop	erties
Port	USB		V	Geometry of color	patches
Data Rate (Baud)				Test	
Measurement mode	 Reflect Transi 	stion fast	~		
Eye-One iO table is o Serial number: 2007 Eye-One 355567 is o Physical filter: No fill Last calibration (Sting Last calibration (Sting Last error: no error re Eye-One SDK: Versi	connected. Connected. er gle patch m measuring ported (Ey on 3.4.3 B	neasuring): before 1508 g): Notyet calibrated re-One i0 0) tuild 135	9 days 22 hou	rs 0 minutes 6 seco	nds

This configuration is based on offline measurement device.



17. Click Instrument properties... and configure as illustrated below.

Eye-One iO Instrument Properties							
Response status	ANSI (ISO) T	~					
Filter	None	~					
Illuminant	D50	*					
Standard observer	2*	~					
Device signal on							
ОК	Cancel Help						

18. Close out of Preferences.

BUILDING A REFERENCE PRINTER PROFILE

(This is based on a proofing system that does not use a known CGS paper type) 19. Select: Utilities>Reference Printer Profile>Create by Wizard.



20. Click Next (two more times)



- 21. Click on the Options >>> icon to expand the view.
- 22. Under the Driver tab,
 - a. Select the Printer pull down and select the windows printer installed.
 - b. Select the *Proprietary Driver* radio button and target printer (ie Epson Stylus Pro 9900).
 - c. The selected *Print file* should be the *Color 21 Step 8x20* for your measurement device.

Print			
Print file	S\ORIS Co	lor Tuner\Testcharts\EyeOne iO\Color 21 Step 8x20 i1 iO.pdf Browse	Print
Printer	Canon Larg	Cancel	
			Help
Copies	1 🜲		Options <<<
Driver	Paper Prin	t Layout PS/PDF Input Marks/Info	
~ •	Proprietary Dri	iver	
Ma	nufacturer	Canon	
Мо	del	Canon imagePROGRAF W7200	
Firr	nware	Firmware V 1.0	
		Print head cleaning	
Pri	nting method	Continuous tone Obt proofing settings	
	Windows Driv	/er	
	Save roll pape	er 🔄 Output as PostScript 🔄 Keep PS printer configuration	
	Setup	Load print parameters Save print parameters	

(Illustration does not reflect the Epson Stylus Pro selection)

- 23. Under the *Paper* tab,
 - a. Select Paper type: (select the most suitable paper available)
 - b. Resolution: Epson printers work well with 720dpi Fine Detail.
 - c. Paper source: Roll (select the width of the paper loaded in the printer)
 - d. Paper size: depends on what width of a roll is in the printer.
 - e. Be sure auto cut is turned on.

Print			
Print file	S\0RI	S Color Tuner\Testcharts\EyeOne i0\Color 21 Step 8x20 i1 i0.pdf Browse	Print
Printer	Canon	Large Format W7200	Cancel
			Help
Copies	1 🗘		Options <<<
Driver	Paper	Print Layout PS/PDF Input Marks/Info	
Paper t	type	ORIS PROOF Semimatt White	~
Resolu	tion	600x1200dpi High Quality (Coated Paper)	~
Quality		High Quality	
Printing	j mode	Bidirectional	
Paper :	source	Roll Paper Width 1. mm	✓
Paper s	size	Endless (Banner)	×
Output	tray	✓	
		V Auto cut	
		Print page line	



- 24. Under the Print Layout tab,
 - a. Select Automatic Rotate.



25. Click Print, then Next.

Print Linearization Test Chart
Reference Printer Profile Wizard
To linearize your printer you have to print a linearization test chart.
If you are using a printer with embedded measurement device please make sure that you have selected the correct test chart.
< <u>B</u> ack <u>N</u> ext > Cancel Help

26. The printer will then print a 21step color ramp. Cut out along dotted line.

27. Click on the Measure printed color patches button

(be sure that the measurement device is the one you selected)

nearization b	y Densities	;						
-Measurement D	evice							
Device	Eye-O	ne iO		Select		Print line	arization test cl	hart
Target Densities	;							
Max. density	⊙ From n ⊖ User d	neasurements efined	Max	C 2. C 2.	M 2. M 2.	Y 2. Y 2.	K 2.	
Options	tive gradation		_ s	iet maximum (color density to	100%] Smooth
Density values								
Color %	Target C	Meas. C	Target M	Meas. M	Target Y	Meas. Y	Target K	Meas. K 🔼
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.00	0.13	0.13	0.13	0.13	0.13	0.17	0.13	0.17
25.00	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
30.00	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
35.00	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33 🞽
Color %	Target C	Meas. C	Target M	Meas. M	Target Y	Meas. Y	Target K	Meas. K
0.	0.	0.	0.	0.	0.	0.	0.	0.
Add	Re	move	Load		Save	Meas	ure printed col	or patches
				ОК	Cancel		pply	Help

- 28. Once the 21-step file has been measured, evaluate the "From measurements" values and enter the appropriate ink limit. (See supplemental document on how to determine ink limiting).
- 29. Click "User Defined" and enter the Target Densities. Click Save... and save the measurement data in the Master RPP folder as "RAW"



- 30. Click Apply, then OK.
- 31. Save the *Linearization* file in the same Master RPP folder

Save Linearizat	tion					? 🔀
Save in:	🚞 Master RFP		*	G 🦻	• 🖽 对	
My Recent Documents	Zanon SemiMat	te 1440bi				
Desktop						
My Documents						
My Computer						
	File name:	Canon SemiMatte	1440ы		~	Save
My Network	Save as type:	Linearization file (*	í.lin)		*	Cancel

32. Select "I want to optimize ... " then Next.

Reference Printer Profile Wizard	
Reference Printer Profile Wizard Optimize linearization	
You can optimize the linearization by making additional measurements. Two measurements are recommended. I want to optimize the linearization by additional measurements	
I want to finish the linearization process	
< Back Next > Cancel	Help

- 33. The printer will then print another 21step color ramp.
- 34. Click Measure printed color patches and measure your "LIMITED" chart.

Device	Eye-Or	ne iO		Select		Print linea	rization test cł	nart
arget Densities								
Max. density	 From m User de 	easurements efined	Max	C 1.63	M 1.58	Y 0.97	К 1.8 7 К 1.	31 801
Options								
Optimize act	ius and stice.			Set maximum o	color density to	o 100%		🗹 Smooth
- optimize act	ive grauation							
- opunize acu	ive gradadori							
Density values			T		T	u U	T IK	
Color %	Target C	Meas. C	Target M	Meas. M	TargetY	Meas. Y	Target K	Meas. K
Color %	Target C	Meas. C	Target M	Meas. M 0.00	Target Y	Meas. Y	Target K 0.00	Meas. K
Color % 0.00 5.00 10.00	Target C	Meas. C 0.04 0.07	Target M 0.00 0.04 0.08	Meas. M 0.00 0.04 0.08	Target Y 0.00 0.03 0.06	Meas. Y 0.00 0.03 0.06	Target K 0.00 0.04 0.08	Meas. K
Color % 5.00 5.00 10.00 15.00	Target C 0.04 0.08 0.12	Meas. C 0.04 0.07 0.12	Target M 0.00 0.04 0.08 0.12	Meas. M 0.00 0.04 0.08 0.12	Target Y 0.03 0.06 0.09	Meas. Y 0.03 0.06 0.10	Target K 0.00 0.04 0.08 0.12	Meas. K
Color % Color % 0.00 10.00 15.00 20.00	Target C 0.04 0.08 0.12 0.16	Meas. C 0.04 0.07 0.12 0.16	Target M 0.00 0.04 0.08 0.12 0.16	Meas. M 0.00 0.04 0.08 0.12 0.17	Target Y 0.03 0.06 0.09 0.13	Meas. Y 0.03 0.06 0.10 0.13	Target K 0.00 0.04 0.08 0.12 0.17	Meas. K
Color % 0.001 5.00 10.00 15.00 20.00 25.00	Target C 0.04 0.08 0.12 0.16 0.21	Meas. C 0.04 0.07 0.12 0.16 0.21	Target M 0.04 0.08 0.12 0.16 0.20	Meas. M 0.04 0.08 0.12 0.17 0.21	Target Y 0.03 0.06 0.09 0.13 0.16	Meas. Y 0.03 0.06 0.10 0.13 0.16	Target K 0.00 0.04 0.08 0.12 0.17 0.21	Meas. K 0.00 0.05 0.09 0.12 0.16 0.21
Color ≈ 0 00 5,00 10,00 15,00 20,00 25,00 30,00 30,00	Target C 0.04 0.08 0.12 0.16 0.21 0.25	Meas. C 0.04 0.07 0.12 0.16 0.21 0.25	Target M 0.00 0.04 0.08 0.12 0.16 0.20 0.25	Meas. M 0.04 0.08 0.12 0.17 0.21 0.26	Target Y 1.00 0.03 0.06 0.09 0.13 0.16 0.20 0.20	Meas. Y 0.03 0.06 0.10 0.13 0.16 0.20	Target K 0.00 0.04 0.08 0.12 0.12 0.17 0.21 0.26 0.26	Meas. K 0.00 0.05 0.09 0.12 0.16 0.21 0.27 0.27
Color % Color % 0.00 10.00 15.00 25.00 25.00 30.00 35.00	Target C 0.04 0.12 0.16 0.21 0.25 0.31	Meas. C 0.04 0.12 0.16 0.21 0.25 0.30	Target M 0.00 0.04 0.08 0.12 0.16 0.20 0.25 0.30	Meas. M 0.00 0.08 0.12 0.17 0.21 0.26 0.31	Target Y 0.03 0.03 0.09 0.13 0.16 0.20 0.23	Meas. Y 0.03 0.06 0.10 0.13 0.16 0.20 0.24	Target K 0.00 0.04 0.08 0.12 0.17 0.21 0.26 0.32	Meas. K 0.00 0.05 0.09 0.12 0.16 0.21 0.27 0.32
Color & Color & 0.00 5.00 10.00 15.00 20.00 25.00 35.00 Color &	Target C 0.04 0.08 0.12 0.16 0.21 0.25 0.31 Target C	Meas. C 0.04 0.07 0.12 0.16 0.21 0.25 0.30 Meas. C	Target M 0.00 0.04 0.12 0.16 0.20 0.25 0.30 Target M	Meas. M 0.04 0.08 0.12 0.17 0.21 0.26 0.31 Meas. M	Target Y 0.03 0.06 0.09 0.13 0.16 0.20 0.23 Target Y	Meas. Y 0.00 0.03 0.06 0.10 0.13 0.16 0.20 0.24 Meas. Y	Target K 0.00 0.04 0.08 0.12 0.17 0.21 0.21 0.26 0.32 Target K	Meas. K 0.00 0.05 0.09 0.12 0.16 0.21 0.27 0.32 Meas. K
Color % 0.00 15.00 15.00 25.00 25.00 35.00 35.00 Color % 0.00	Target C 0.04 0.08 0.12 0.16 0.21 0.25 0.31 Target C 0.01	Meas. C 0.04 0.07 0.12 0.16 0.21 0.25 0.30 Meas. C 0.00	Target M 0.04 0.08 0.12 0.16 0.20 0.25 0.30 Target M 0.00	Meas. M 0.04 0.08 0.12 0.17 0.21 0.26 0.31 Meas. M 0.00	Target Y 0.03 0.06 0.09 0.13 0.16 0.20 0.23 Target Y 0.00	Meas. Y 0.001 0.03 0.06 0.10 0.13 0.16 0.20 0.24 Meas. Y 0.00	Target K 0.00 0.04 0.08 0.12 0.17 0.21 0.26 0.32 Target K 0.00	Meas. K 0.00 0.05 0.09 0.12 0.16 0.21 0.27 0.32 Meas. K 0.00
Color % 0.00 5.00 10.00 15.00 10.00 15.00 20.00 25.00 30.00 35.00 Color % 0.00	Target C 0.04 0.08 0.12 0.16 0.21 0.25 0.31 Target C 0.00	Meas. C 0.04 0.07 0.12 0.16 0.21 0.25 0.30 Meas. C 0.00	Target M 0.04 0.08 0.12 0.16 0.20 0.25 0.30 Target M 0.00	Meas. M 0.04 0.08 0.12 0.17 0.21 0.26 0.31 Meas. M 0.00	Target Y 0.00 0.03 0.06 0.09 0.13 0.16 0.20 0.23 Target Y 0.00	Meas. Y 0.03 0.06 0.10 0.13 0.16 0.20 0.24 Meas. Y 0.00	Target K 0.00 0.04 0.12 0.17 0.21 0.26 0.32 Target K 0.00	Meas. K 0.00 0.05 0.09 0.12 0.16 0.21 0.27 0.32 Meas. K 0.00

35. Once the measurement is completed, evaluate the resulting target densities. Determine if the "From measurement" values from the Limited measurement are close to the "User defined" values you entered in step #28 and that they are within an acceptable range of +/-.5 density. If they are acceptable, then go to the next step. If the densities are not close, then click OK, and then select "I want to optimize..." again.



36. Once the 21step file has been measured, click *Save…* and save the measurement data in the Master RPP folder as "LIMITED"

Save As						? 🔀
Save in:	🗀 Master RFP		~	G 🕫	• 📰 💙	
My Recent Documents						
My Documents						
My Computer						
	File name:	Limited			~	Save
My Network	Save as type:	Density values (*.den)			~	Cancel

- 37. Click Apply, then OK.
- 38. Save the Linearization file in the Master RPP folder as well.





39. Replace the .lin file created during the first measurement stage. Click Yes.

Save Li	nearization 🛛 🔀
⚠	C:\Launcher\ORIS Resources\Master RFP\Canon SemiMatte 1440bi.lin already exists. Do you want to replace it?
	Yes No

- 40. Select "I want to finish the linearization process" and click next.
- 41. Select "I don't want to limit total ink coverage" and click next.
- 42. Choose the Test Chart to be printed: ECI2002 for whichever measurement device you have. *Note- you may need to go up a few folders to find the right device.*
- 43. Click Open.

Choose a Test	Chart	? 🗙
Look in:	🔁 EyeOne iO 🛛 🥑 🗗 🖽 🗸	
My Recent Documents	Image: Color 21 Step 8x20 i1 i0 Image: Color 20 Step 8x20 i1 i0 Image: Color 20 Step 8x20 i1 i0	
My Documents		
My Computer		
My Network	File name: ECI2002 CMYK i1 i0 (A3) Files of type: All printable images (*.bmp,*.ct,*.eps,*.jpg,*.pdf,	Open Cancel

44. The chart will be printed on your inkjet printer. Cut chart along dotted lines. 45. Select "*I want to measure the profiling test chart*" and click *Next*.



46. Click *Start Measuring*. (Be sure that you have the appropriate measuring device selected and the right chart).



- 47. Once the chart has been measured, click Save.
- 48. Save the measurement file in the Master RPP folder as well.

49. Select the gamut limitation – set to *Minor*. Click Next.

Reference Printer Profile Wizard	
Reference Printer Profile Wizard Limit gamut	
The Reference Printer must have a slightly smaller color gamut than the actual printer. Select the degree of gamut limitation Minor	
< Back Next > Cancel	Help

50. Enter any additional comments referencing the paper profile if desired.

Reference Printer Profile Wizard	
Reference Printer Profile Wizard	
You can add an optional comment to the Reference Printer Profile:	
<pre>< Back Next > Cancel Help</pre>]



51. Save the RPP in the Master RPP folder. *Note – by default, the wizard will try to put the RFP in the ORIS Color Tuners ICC profile folder. You can copy this file there at a later time if you want, but is not needed.*

Save reference	printer profile:					? 🛛
Save in:	🗀 Master RFP		*	G 🦻 I	• 🖭 🔊	
My Recent Documents						
Desktop						
My Documents						
My Computer						
	File name:	Canon SemiMatte 1440bi			~	Save
My Network	Save as type:	Reference printer profiles (*.rf	p)		*	Cancel

52. Your have now created a new Reference Printer Profile based on the specific Printer/Paper/Resolution combination.

Reference Printer Profile	Wizard
	Congratulations!
ORIS HYBRID PROOFING »COLOR TUNER«	The Reference Printer Profile you have just created is now available under: C:\Launcher\ORIS Resources\Master RFP\Canon SemiMatte 1440bi.rfp
	<pre></pre>



ADDING A NEW PRINTER

53. Assuming the ORIS Color Tuner Web is already running, Click the *Add Printer* button to start the wizard.



54. Click Next.

55. Click on continuous Tone (Proofs from CT data)

Select Printing Method	
Setup Wizard	
Please select a printing method: Continuous tone (Proofs from CT data) Continuous tone (Halftone dot proofs from halftone data) Contenend of Plus (Halftone dot proofs from CT data)	
Please note when proofing halftone data: - Screened test charts and special RFP files created with these charts are required. - If a color bar is added, use a 1-bit file that was screened with the same settings as the input data. If halftone dot proofs are created from CT data, the color bar should also be a CT file.	
<pre>< Back Next > Cancel</pre>	Help

56. Click Next.



- 57. Configure the queue for the intended output
 - a. Select the windows printer from the "Printer" pull down.
 b. Enter the name of the new queue. Note be sure to include the name of the printer, paper used, resolution, and color simulation.
 IE- *Epson9900 ORISProofPrearl 720 GRACoLCoated1*

Printer Selectio	n
Setup Wizard	20 A A A A A A A A A A A A A A A A A A A
Please select a	printer for the new ORIS Color Tuner//Web queue.
Printer	Canon Large Format W7200
Printer name	Canon Large Format W7200 Change
Existing queues	
New queue	Canon Coated GRACoL
Watched folder	C:\Watched Folders\Canon Large Format W7200\Canon Co Browse
🔲 Create a virti	Jal printer
	< Back Next > Cancel Help

- 58. You can redirect the watched folder to another location. The default location is on the "C" drive and will need to be shared for users to drop files to this location.
- 59. Click Next.

60. Configure your printer properties for Paper.

Print Setup			? 🛛
Printer			
Name:	Canon Large Format W7200	✓	Properties
Status:	Ready		
Туре:	Canon Large Format W7200		
Where:	IP_192.168.0.30		
Comment:			
Paper		Orientation	
Size:	ISO A4 🔷 🗸		 Portrait
Source:	Roll Paper	A	O Landscape
Help	Network	OK	Cancel

61. Select "Yes, I do want to use an Reference Printer Profile", then Next.

Reference Printer Profile	
Setup Wizard	
Do you want to calibrate your printer to a reference printer profile (RFP)? A reference printer profile characterizes a master printer and contains the target densities for linearization and ink limiting information. If you are using an existing calibration file to just create a new color match select "No".	
 Yes, I want to use a reference printer profile No, I do not want to use a reference printer profile 	
< Back Next > Cancel Help	

62. Click on the (...) to select a new path for the reference printer profile.



63. Redirect to the Oris Resources>Master RPP folder on the desktop.

Browse For Folder	? 🗙
Reference Printer Profiles	
🖃 🧰 ORIS Resources	^
🛅 Installers	
🗀 Licenses	
🗀 Master RFP	
🗄 🧰 Program Files	_
🗉 🫅 Watched Folders	~
Folder: Master RFP	
Make New Folder OK Car	icel

- 64. Select the RPP created during the previous step #51. This RPP should be specific to the Printer/paper/resolution you want. Click OK.
- 65. The next few windows you will configure general settings for file management. Below are some suggestions.

Adjustment and Size					
Setup Wizard					
You can specify if the documents are to be should be scaled or rotated automatically in exceeded. You can also specify a fixed sc	e printed in original n case the printer's aling factor.	size and o maximum	prientation or if they output format is		
Original size and orientation	Scale	Factor		~	
Scale automatically	Scaling factor X	100.	%		
Rotate automatically	Scaling factor Y	100.	%		
		🛃 Mainta	ain proportions		
	R R R	3 2			

Additional Information			
Setup Wizard			
You can specify if a headlin box below.	ne is to be printed on each printout. Please enter the headline te	xt in the	
You can specify if a color b your color bar file in the bo	er is to be printed on each printout. Enter the complete path nar { below or click the 'Browse' button.	ne of	
Color bar File		Browse	
You can specify if a custor of your logo file in the box t	ner logo is to be printed on each printout. Enter the complete pal below or click the 'Browse' button.	h name	
C:\	Program Files\CGS\Common Files\Extras\CGS Logo.jpg	Browse	
PostScript/PDF Options			
Setup Wizard			

Specify parameters for parsing PDF and PostScript files.

Define page size and offset by PostScript/PDF MediaBox

Note: Image interpolation and sharpening, page size definition, misregistration, OPI, preflight parameters, contour cutting and advanced PS/PDF parameters are not applicable with the Adobe Print Engine. Besides, Anti-Aliasing is limited to text elements.

*

Use PDF Print Engine for PDF files

Keep image spot color separations
 Use overprint commands

66. Select "Existing linearization file".

Linearization - Calibration
Setup Wizard
To linearize the printer select an existing linearization file (".LIN) or create a new linearization file. • If you want to neither linearize nor calibrate the printer, select 'None'. • If you have linearized your printer recently, select 'Existing linearization file'. You can then calibrate the printer. • If you want to linearize the printer now, select 'New linearization'. You can then calibrate the printer. This is the recommended procedure. • If you have calibrated the printer recently, select 'Existing calibration file'. • If you have calibrated the printer recently, select 'Existing calibration file'. • None • Existing linearization file • New linearization • Existing calibration file
< Back Next > Cancel Help

67. Navigate to the ".Lin" file you created when making an RPP. Step #38

Linearization						? 🔀
Look in:	🗀 Master RFP		~	3 🦻	• 🖽 🥙	
My Recent Documents Desktop	Name	te 1440bi	Type Color Tuner Line	arization	Date 1 4/25/2	Modified 011 10:28 AM
My Documents						
(File name:				v	Open
My Network	Files of type:	All gradation files	(*.grd; *.pgr; *.lin)		· (Cancel

- 68. Once a .Lin file has been selected, you will print the ECI2002 profile chart. Cut out the printed chart along the dotted line.
- 69. Select "I want to measure the test chart", Click Next.



70. Once the chart is measured, your results should be as follows:

The Max delta should be below a 5.0	
Evaluation	
Setup Wizard	
The last measurement produced an average dE of 0.61, a maximum dE of 5.25 and a standard deviation of 0.33.	
Printed Status Ø dE Max. dE (C, M, Y, K) StdDev. dE	
0472571111:46:10 measured 0.61 5.25 (30, 0, 0, 0) 0.33	
O I am satisfied with the result Discard all measurements	
O I want to improve the result by further measurements	
K Back Next > Cancel H	lelp

Average Delta should be below a 1.0 The Max delta should be below a 5.0

- 71. If the results are satisfactory, then select "I am satisfied..." If the results are not satisfactory, then select "I want to improve...." This will output another corrected ECI2002 chart.
- 72. Click Next



- 73. Next you will create a new Color Match. Select "ORIS_DAT color table".
- 74. Then click "New color table via autom color matching"
- 75. Click Next.

Color Correction	
Setup Wizard	
Choose the method to be used for c ORIS_DAT color table.	olor-matching your printer. You can use ICC profiles or an
◯ None	
ORIS_DAT color table	Browse
	New color table with ICC profiles
	New color table via autom. color matching
	< Back Next > Cancel Help

76. Select the color configuration you want to create.

a. The Related printer calibration file: this should already be selected from the previous process. This path should point to: Program Files\CGS\Common Files\CTunerSetups\...PCF\...
b. The Target ICC profile: Click on Browse and select GRACoL2006 Coated1 from the list.

c. Test chart: This should be the ECI2002 CMYK for your measurement device.

Color Matching - Options
Related printer calibration file
n Coated GRACoL\Pcf\Canon Coated GRACoL_Canon Large Format W7200.pcf Browse
Target ICC profile
C:\Program Files\CGS\Common Files\ICC\ORIS_GRACoL2006_Coated1.icc Browse
Test chart
ER WEB\ORIS Color Tuner\Testcharts\EyeOne iO\ECl2002 CMp/K i1 i0 (A3).pdf Browse
Closed-loop mode
Black Separation
Keep pure black Default values
Separation method
No bronzing
Starting point 0.
Total ink coverage 400.
CMY reduction 60.
RGB-CMYK Separation
O Separation table (Tiff) Browse
ICC RGB profile C:\Program Files\CGS\Common Files\ICC\ECI-RGB Browse
CMYK profile C:\Program Files\CGS\Common Files\ICC\ORIS_G Browse
Rendering Intent Perceptual (image)
Continue Cancel Help

77. Click Continue.



78. The Color Matching Wizard will calculate the first comparison of the calibrated InkJet printer to the GRACoL Coated target.

Evaluation	
Color Matching Wizard	
The last measurement produced an average dE of 7.62, a maximum dE of 20.58 and a standard deviation of 3.91. Color matching history	
Printed Status Ø dE Max. dE (C, M, Y, K) StdDev. dE 04/25/11 11:53:01 measured 7.62 20.59 (100.95.0 m) 2.91 Status Optimizing 56.9 % Status Optimizing 56.9 %	
Cancel	
I am satisfied with the result Discard all measurements I want to improve the result by further measurements Paper white settings	
<pre></pre>	

- 79. Click on Paper white settings and set CMYK all to 0%. Click OK
- 80. Click Next to print the chart.

Printing Test Chart	
Color Matching Wizard	
Click <next> to print the color matching test chart.</next>	

81. ORIS Color Tuner Web will print the ECI202 chart to your printer. Cut out the chart along the dotted lines.

82. Select "I want to measure the test chart". Click Next.



83. Measure the chart.





84. Once you have achieved the desired results, select "I am satisfied with the result". This may take multiple iterations to lower the average and Max deltaE to an acceptable match.

Evaluation				
Color Matching W	izard			
The last measuremen 0.79. Color matching history	t produced an avera	age dE of 0.95, a maximum	dE of 7.78 and a stan	dard deviation of
Printed	Status 🛛 🖉 d	E Max. dE (C, M, Y, K)	StdDev. dE	
04/25/11 11:53:01	calculated 7.62	20.58 (100, 85, 0, 0)	3.91	
04/25/11 11:54:38	calculated 1.64	11.43 (20, 10, 10, 20)	1.2	
 I am satisfied with 	the result		Discard	all measurements
O I want to improve	the result by further	measurements	Pape	er white settings
		< Back	Finish C	ancel Help

- 85. Click Finish.
- 86. You will be asked where to save the new ORIS DAT file. Save the file in the following location: Program Files\CGS\Common Files\CTunerSetups\...(Setup name)\CMF\ (Note – you will need to create a CMF folder inside the setup folder the wizard has automatically created).



87. Click Save.

88. At this point, don't select a spot color table. Click Next.

Spot Color Correction
Setup Wizard
Specify a spot color correction file (*.SCG) to be able to optimize spot colors without adversely affecting process colors. Spot colors are then simulated using the device-independent Lab values and the proof printer's reference printer profile (RFP) or ICC profile respectively, i.e. not using the CMYK equivalents.
None Table Browse New
Use calibration with spot color correction Process color substitution
Gack Next > Cancel Help

89. Click Finish.

Setup Wizard	
CORRIS Hybrid Proofing Color TUNER // WEB«	Congratulations! The queue has been set up successfully. It will be available in the main window under the name 'Canon Coated GRACoL' after finishing the Setup Wizard. The settings you have made will be applied when files are output via this queue.
	< Back Finish Cancel Help



90. Back in ORIS Color Tuner Web main window, select the newly created printer queue under the printers list. (You may need to expand the selected printer).



91. Along the tool bar at the top select the "Settings" button.



92. Configure the print queue with the following settings. (these are suggestions and can be changed to suit specific needs).

Driver Print Layout Calibration Color Correction Spot Color Correction	PS/PDF Input
Marks/Info Success/Error Handling Load Balancing Workflow Scatter Proofing	g Certification
Header Printed with ORIS COLOR TUNER // WEB	Additional
C Errors	
Header font size 6. pt Point	
Customer logo	Browse
Page marks / Bleed page	

FUJIFILM **TECHNICAL NOTE** ⊠ Software ○ Hardware

Abriko (linfo 🔡	Success/Erro	r Handling	Load Palanoing	i Spore	Seatter Proofing	Cortification
In Case of S Copy job to	uccess success folder	Immediatelu	Load balancing	WORNOW	B	rowse
In Case of E Copy job to	rror error folder	After 20 min	itaa		В	rowse
Delete job f	rom queue	After 30 minu	utes			
	In Case of S Copy job to Delete job f In Case of E Copy job to Delete job f	In Case of Success Copy job to success folder Delete job from queue In Case of Error Copy job to error folder Delete job from queue	In Case of Success Copy job to success folder Delete job from queue Immediately In Case of Error Copy job to error folder Delete job from queue After 30 minu	In Case of Success Copy job to success folder Delete job from queue Immediately In Case of Error Copy job to error folder Delete job from queue After 30 minutes	In Case of Success Copy job to success folder Delete job from queue Immediately In Case of Error Copy job to error folder Delete job from queue After 30 minutes	In Case of Success Copy job to success folder Delete job from queue Immediately In Case of Error Copy job to error folder Delete job from queue After 30 minutes

Driver Print Layo Marks/Info Succe:	Dut Calibration Color Correction Spot Color Correction PS/PDF Input ss/Error Handling Load Balancing Workflow Scatter Proofing Certification
Certification with the foll print target	IDEAlliance GRACoL coated1 2009
Proof certification re (Certification results)	indicated in ORIS Color Tuner//Web)
 Create and measu Color bar reference Drying time (in min.) Directory for measurement files 	In color bar automatically File IDEAlliance ISO12647-7_ControlStrip2009 CMYK.txt Browse C:\Program Files\CGS\ORIS Certified Proof\Measurements\ Browse Write spectral data instead of Lab values
🗹 Color bar for manu	ual measurement
File 🔽 n Files	\Extras\Proofing Bars\IDEAlliance ISO 12647-7_Control Strip2007.tif Browse
Position	

94.

Marksz	Info Success/Er	ror Handling	Load Balancing	Workflow	Scatter Proofing	Certification
Driver	Print Layout	Calibration	Color Correction	Spot C	olor Correction	PS/PDF Input
Define	page size and offset t	y PostScript/P	'DF MediaBox	*		
🔽 Use	PDF Print Engine for	PDF files				
🔽 Kee	p image spot color se	parations				
🔽 Use	overprint commands					
Select	page number 1	🛃 All pages				
Prefi	ght parameters)	Define OPI path	18 Other			
95.						



96. Select the Calibration tab and be sure that the proper ".cal" file is selected. This should be found in your PCF folder.

Marks/Info Success/Error Handling	Load Balancing Workflow	Scatter Proofing Certification
Driver Print Layout Calibration	Color Correction Spot C	olor Correction PS/PDF Input
Calibration		
🔘 None		
Table ACoL\Pcf\Canon Coated GRAC	oL_Canon Large Format W7200.cal	Browse
		New linearization
		New calibration
		Edit linearization
		Edit calibration
		Recalibration

97. Select the Color Correction tab and be sure that the proper ".dat" file is selected. This should be found in your CMF folder.

farks/Info	Success/Error	Handling	Load Balancing	Wo	rkflow	Scatter Proofing	g Certification
Driver	Print Layout	Calibration	Color Correctio	n	Spot C	olor Correction	PS/PDF Input
🔿 None							
	files only	Select pr	rofiles				
	DAT color table —						
\Cmt\Ca	non SemiMatte 144	10bi to ORIS_0	GRACoL2006_Coat	ed1.da	Brow	vse Edit	New
Embeddeo	d Profiles (always u	sed for PDF/X	(files)				
Use profi	iles or separation ta	ible in ORIS_C)AT file			~	
Default pr	ofiles:					Rendering	Intent
RGB					Brov	vse Perceptua	il (Image) 🔽
Hexachro	me, GOP,				Brow	Absolute o	colorimetric 🗸
IN-Crianne							
- Output Co	lor Space						

98. Additional configurations can be made at the users discression.