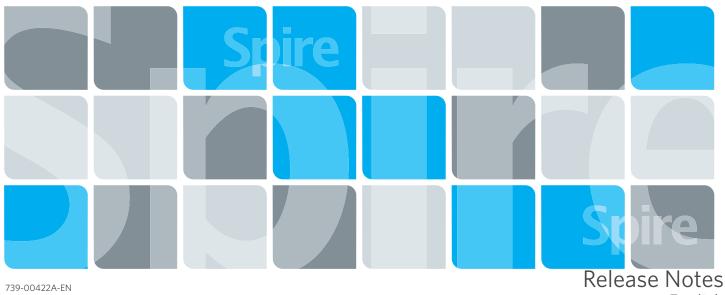


DocuColor 7000AP/8000AP Digital Presses



English



Creo Color Servers

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Internal 739-00422A-EN

Revised August 2007

# Contents

ntroduction	1
What is in These Release Notes	1
Software Kit Contents	2
Key Features	3
Hardware Components Spire Tabs Plug-In Mixed Paper Size Imposition Template Builder Viewing Templates. Simulating Jobs With a Template Imposition Tab Imposition Methods. Template Options Scale The Preview Window	3 5 6 8 8 . 10 . 10 . 11 . 12
Spire Print Driver Software	. 14 . 15 . 15 . 16 . 17 . 19 . 20 . 21 . 21 . 23
Job Slug Line	

Job Slug Line	. 23
Storage Management	
Restore Paper Sets	
New CMYK Emulation Profile	
Enfocus PitStop Edit Software	

### Limitations

#### 

Jobs with Exceptions Freezing in Print Queue	25
Mixed Paper Size	
Export/Print Accounting Report	25
Imposed VPS Jobs	25
Huffman Compression .JPG Files	26
Printing Slip Sheets and Front and Back Covers	26
PPML File Scaling	
Number of Copies in PowerPoint and Excel	26
Job Preview & Editor—Adobe Acrobat	26
Admin Page Limitation	
VIPP Extension Limitation	27
Remote Admin with Remote Desktop Limitation	27
Spire Job Info	
HCSS Front Staple Option Display	
Spire Print Driver Software	28

Backup and Restore Configuration	28
Incorrect Print Status Information	
Job Preview & Editor—Adobe Acrobat Window in Background	29
Simulating Jobs in the Imposition Template Builder	

# Introduction

We are pleased to send you the release notes for Xerox® CX Print Server, Powered by Creo® for Xerox DocuColor® 7000AP/8000AP Digital Presses software. These release notes highlight the key features for the 1.0 release of CX print server software. Where appropriate, they refer you to the CX Print Server User Guide for more information.

### What is in These Release Notes

The release notes include the following sections:

Software Kit Contents-describes the contents of the CX print server software kit.

*Key Features*—describes new menu commands, options, windows, or dialog boxes that were added to the CX print server software.

*Limitations*—lists the limitations in this CX print server software release.

## Software Kit Contents

The software kit includes two DVDs and one CD (DVD #1, DVD #2, and CD #3). Each CD is described below.

#### DVD #1

This DVD includes the Microsoft<sup>®</sup> Windows<sup>®</sup> XP Professional operating system with a customized menu for reinstalling the CX print server.



Note: This version includes Internet Explorer 6.0 and Service Pack 2.0

#### DVD #2

This DVD contains the CX print server software (setup files, PPD files, printer drivers, and utilities). The CX print server was successfully tested with McAfee VirusScan 8.0 for Windows XP Professional server antivirus software.

#### CD #3

This CD contains the utilities, and the CX Print Server User Guide.

The CD has both Macintosh<sup>®</sup> and Windows partitions and can be mounted on both platforms. You can copy the Xerox CX Print Server, Powered by Creo for Xerox DocuColor 7000AP/8000AP Digital Presses User Guide to any client workstation that has a CD-ROM drive and send the guides to any printer.

#### To print the User Guide using the CX print server software:

- 1. Make sure that the CX print server workspace is open; then insert CD #3 (CX Print Server Documentation and Utilities) into the CX print server CD-ROM drive.
- 2. From the Job menu, select Import Job.
- 3. Browse to the CD, and select a file.
- 4. In the upper list in the Import window, select the desired file(s) and click the **add** button

The file appears on the lower side of the Import dialog box.

- 5. From the Virtual printer list, select ProcessPrint.
- 6. Click Import.

The selected file is submitted to the CX print server to print.

Not

Note: Make sure that the Print queue has not been stopped.



#### **Software Installation**

For CX print server software issues, contact your customer service and technical support.



**Important:** When you install the CX print server version 1.0 from DVD #1, all the files stored on disks C and D are deleted. Make sure to back up any important customer files before installing version 1.0. For more information, see the CX print server 1.0 Technical Manual.

# **Key Features**

This section lists features that were added to the release of CX print server software.

### Hardware Components

The CX print server platform includes:

- 2 × Dual-Core Intel Xeon Processor 2GHz with 1333 MHz FSB
- 1 GB FBDIMM (Fully Buffer Dimm) Host Memory
- Creo dedicated hardware
  - □ SSC (Signal Splitter Controller)
  - □ Fusion XM2 board with 1024 MB image memory, 1 × 512 MB (input memory), 2 × 256 MB (output memory)
- DVD-RW drive
- User disk:2 × 250 GB SATA2 disks as system disk
- Printer (Image) disk: 2 × 250 GB SATA2 disks as image disks

### Spire Tabs Plug-In

The Spire Tabs plug-in for Acrobat (version 7.0 or later) is used to create and place tabs in your unprocessed (PDF or PostScript) jobs, manage the tab and text attributes, and save a set of attributes for future use.

When using the Spire Tabs plug-in to create tabs, it is not necessary to define exceptions on the **Exceptions** tab.



**Important:** If you add tabs to your job, you need to select the **Mixed paper size document** check box (in the Job Parameters window, on the **Paper Stock** tab, under **Mixed paper size**).

#### To create tabs with the Tabs plug-in:

1. In the **Storage** window, right-click your unprocessed job and select **Job Preview&Editor**.

**Note:** The job must be a PDF or PostScript file.

The job opens in Acrobat software.

2. From the Plug-Ins menu, select Spire Tabs Printing.

The Tabs Printing window opens, displaying the Text Attributes tab.

Tabs Printing
Saved Settings: Default Settings
Text Attributes Content
Tabs
Size: Top Offset 2.00cm
9x11
Type: 5 Bank  Length: 4.57cm
Orientation:
Text
Font: Size:
Arial 🔽 10 🔽 🖪 Z 🖳 🕅 [11]
Offset:
x 0.00cm 🗘 y: 0.00cm 🗘 Direction:
□ Wrap text □ Text on both sides
Apply Cancel

On the **Content** tab you can select the location of the tab pages for the job as well as type the text that will appear on the tab itself.

The tabs that you add become part of the document.

	Printing Settings: [	) efault Settir	ngs		~	Save	Delet	e ]	X
	Attributes	Cont				L			
#	Before	Page T	ext						
1	1		position (						
2	3	In	position N	dethods -					
	ide 1 ab 1		1	2	Side 1 Tab 2	₩ 		4	
	5	6	* *	역0 명명 명명 명 명 7	8	*	4	10	<u>~</u>
- R	emove								
						C	Apply		ancel

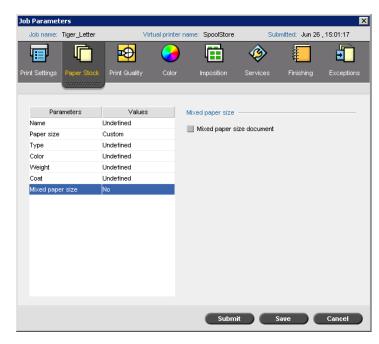
You can also manage the tabs while on the **Content** tab. The following actions can be performed:

- Remove a tab
- Change the location of a tab
- Replace a page with a tab
- Insert a tab before or after a specific page
- Delete a page or tab from the document
- Save the tab settings
- Apply saved settings to a job
- Delete saved settings

### **Mixed Paper Size**

On the **Paper Stock** tab, **Mixed paper size** has been added to the parameters list, and also to the PPD file. This enables you to print a job with mixed paper sizes without the need for exceptions programming—for example, documents with tabs or manuals with folded drawings.

The CX print server automatically support mixed paper size exceptions for the following input files: PS, PDF, and VPS.





**Note:** When printing a job with mixed paper sizes from *Acrobat*, you must select the **Choose Paper Source by PDF page size** check box, in the **Page Handling** area in the *Acrobat* Print window.

### **Imposition Template Builder**

The Imposition Template Builder enables you to create templates for similar types of jobs that have the following imposition settings in common:

- Imposition method
- Columns
- Rows
- Simplex/duplex
- Binding

All imposition templates are modified and managed (renamed, deleted, duplicated, exported or imported) through the Imposition Template Builder.



**Note:** The Imposition Template Builder replaces the Ultimate *in*Spire optional template builder. Therefore, custom templates created in Ultimate *in*Spire are no longer supported. These templates will need to be recreated using the Imposition Template Builder.

#### To Open the Imposition Template Builder

> From the Tools menu, select Imposition Template Builder.

The Imposition Template Builder window appears.

hod :	Front	Back	Columns : Rows :
tep and Continue 🔶 enu enu Template wv Template1 Fold	1 3 5	2 4 6	Layout 3 x 1 (1-25) (1-25) Type : Simplex Duplex Orientation for display only: Portrat Landscape Binding : \$
(비비) 데 I ×	🕒 🕑 🛐 🔽 Apply changes to front a	id back Page Number: 1	Simulate

#### To Create a New Template

- 1. From the **Method** list, select an imposition method.
- 2. Click New 🛎.
- 3. Type the name of the new template, and press ENTER.
- 4. In the **Layout** area, type the number of columns and number of rows that you need.

The imposition method that you select determines the number of columns and rows that you can enter. For **Saddle Stitch** and **Perfect Bound**, you can place up to 64 pages on one sheet ( $8 \times 8$ ). For **Step & Repeat** and **Step & Continue**, you can place up to 625 pages on one sheet ( $25 \times 25$ ).

- 5. Under Type, select Simplex or Duplex.
- 6. Under Orientation, select Portrait or Landscape.



**Note:** The **Orientation** setting in the Imposition Template Builder is for display purposes only. This parameter is not saved in the template. (You set job orientation on the **Imposition** tab, under **Sizes**.)



7. From the **Binding** list, select the appropriate binding method.

**Note: Binding** is available only when **Saddle Stitch** and **Perfect Bound** imposition methods are selected.

#### 8. Click Save.

All saved templates appear on the **Imposition** tab. After you select an imposition method, the related templates appear in the **Template** parameters, in the **Layout** list. See Table 1. For example, if you created a **Step & Continue** template, the template appears in the **Layout** list only when you select the **Step & Continue** imposition method.

Some templates appear under more than one imposition method.

Table 1: Saved imposition templates in Layout list according to imposition method

Method selected on Imposition tab:	Template layout type in the <b>layout</b> list:
Step & Repeat	Step & Repeat, Cut & Stack
Step & Continue	Step & Continue
Saddle Stitch	Saddle Stitch, Perfect Bound
Perfect Bound	Saddle Stitch, Perfect Bound

#### **Viewing Templates**

As you create or modify a template, you can see your template in the template viewer. As you select parameters, the template viewer dynamically changes to reflect your selections.

Imposition Template Builder			×
Method : Step and Continue Menu Menu Template New Template1	Front	Back	Columns :         Rows :           Layout         3         x         1           (1-25)         (1-25)
3-Fold	1 3 5	2 4 6	Type : Simplex Duplex Orientation for display only:
			Portrait     Landscape Binding :
* 박박 G I ×	P f F C Apply changes to front an	d back Page Number: 1	Simulate
			Save Close

In the template viewer, you can view the front or back pages of a template, or both front and back pages simulataneously.



#### Notes:

- When **Simplex** is selected, only the **Front** view is available.
- Sheet size is set on the **Imposition** tab. The sheet size that appears in the template viewer is dynamic. It changes to accomodate the parameters that you choose.

The template viewer also enables you to rotate one or more pages and change the location of pages on the sheet.

### Simulating Jobs With a Template

You can simulate how jobs from the Storage window will look if you apply an imposition template to them.

thod :	Front	Back	Columns : Rows :
tep and Continue			Layout 3 x 1 (1-25) (1-25) Type : Simplex Duplex
	1 3 5	2 4 6	Orientation for display only: <ul> <li>Portrat</li> <li>Landscape</li> </ul> Binding :
₭ 뷔뷔 @ ፲ <mark>×</mark>	F 18 F 8 Apply changes to front a	nd back Page Number: 1	Simulate

#### To simulate a job with a specific imposition template:

- 1. In the Imposition Template Builder window, click the **Simulate** button.
- 2. Click Browse.

The Storage window opens.

Simulate Imposition		×	Storage			×
Simulate Job:		Browse	Title	Pages	File Size	
		5101100	ColorFlowChart_A3	3	19.23 M	<u> </u>
			IQ_Test_A4	1	11.86 M	
Sheet Size:	♦ W: 0.0000 H: 0.0000	SEF 🜲	Tiger_A4	1	5.0 M	
Trim Size:	♦ W. 0.0000 H: 0.0000		Sunflower_A4	1	8.74 M	
			Lizard_A4	1	8.44 M	
Trim Orientation: Landscape	\$		Golfer_A4	1	2.43 M	
Set's per sheet: 1	\$		Fern_A4	1	10.54 M	-
Bleed Size: 0.0000				Select	Cancel	
Rotate 90				361660		
Crop Marks						
Fold Marks						
	View Simulated Job	Close				

3. Select a job, and then click **Select**.

The parameters of the job (Sheet Size, Trim Size, Trim Orientation, Sets per sheet, Bleed Size, Rotate 90, Crop Marks, and Fold Marks) appear with their values in the Simulate Imposition window.



Note: Both RTP and non-RTP jobs are available for simulation.

4. Change the parameters as desired.

Simulate Job:	Tiger_A4				Brow	se
Sheet Size:	SEF A4	\$	W: 8.2700	H: 11.6900	SEF	4
Trim Size:	A4	-	W: 8.2700	H: 11.6900	]	
Trim Orientation:	Portrait	\$				
Set's per sheet:		- +				
Bleed Size:	0.2000					
📃 Rotate 90						
📃 Crop Marks						
Fold Marks						

5. Click View Simulated Job.

The Preview window appears.

A simulation of the job is displayed with the current imposition template applied.

### Imposition Tab

Changes have been made to the Imposition tab, which are described in the following sections.

#### Imposition Methods

The following methods have been changed or added to the Imposition method options:

- Step & Continue has been added to the list of Imposition method options. Step & Continue prints different pages of a job on one sheet so that the sheet is filled to capacity.
- **Cut & Stack** has been moved out from under the **Step & Repeat** method and can be selected on its own, independent of the **Step & Repeat** method.

**Cut & Stack** enables jobs to be printed, cut, and stacked in the most efficient manner, while preserving the original sorting. A job's pages, booklets, or books are sorted in a Z-shape. In other words, each stack of pages is sorted in consecutive order. When stacks are piled one on top of another, the entire job is already sorted up or down.

• **sets per sheet** has been added as part of the **Saddle Stitch** imposition method. When **Saddle Stitch** is selected, **sets per sheet** enables you to select how many sets of the job will print on one press sheet.

lob Parameters			×
Job name: Menu_Letter	Virtual print	er name: ProcessPrint Submit	ted: Jul 18 , 09:58:39
Print Settings Paper Stoc	k Print Quality Colo	r Imposition	Finishing Exceptions
Parameters	Values		
Imposition method	Step & Continue	Imposition method options	
Sizes	Letter_Un_81-105,Cust	None	
Template	MenuTemplate	Step & Repeat	
Margins	0.1, 0.0, 0.0	<ul> <li>Step &amp; Continue</li> </ul>	
Marks & bleed	Crop	Out & Stack	
Creep	0.0, 0.0	Saddle Stitch	
Scale	100.0%	set's per sheet: 1 🌲	
		Perfect Bound	
			<u>ि</u>
		Submit Sav	e Cancel

#### **Template Options**

**Layout** options are now presented in a list. The **Imposition method** that you select determines which layouts appear in the list. There are two types of layouts:

- System layouts
  - □ The **Custom** option enables you to set up custom imposition parameters for a job. This layout is available for all imposition methods.
  - When the Best Fit option is selected, the server determines how many columns and rows will best fit the sheet and whether the pages need to be rotated 90 degrees according to the imposition method and paper size that you have chosen. The Best Fit layout is available for the Step & Repeat, Step & Continue, and Cut & Stack imposition methods.
- User-defined templates (created in the Imposition Template Builder)



**Note:** If you select **Best Fit** or a user-defined layout, some or all of the other parameters are unavailable.

Binding and Rotate 90 deg methods are all under Template options.



**Note:** The **Binding** option is available only when **Saddle Stitch** or **Perfect Bound is selected** as the **Imposition** method.

The **North South** check box is available when the **Step & Repeat** method is selected and the number of columns and rows is  $2 \times 1$  or  $1 \times 2$ . Selecting the **North South** check box places pages 180 degrees from each other, on the same side of the imposed sheet.

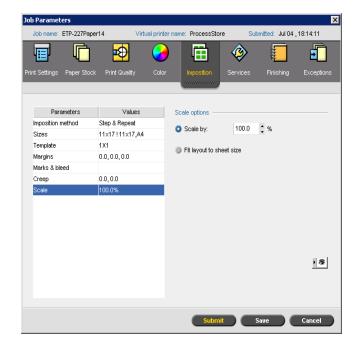
The **Rotate 90 deg.** check box rotates all pages 90 degrees to the right. This can help correct imposition conflicts.

Job Para	meters						×
	me: Coffeebreak_	Letter Vir	tual printer	name: ProcessPrint	Submitte	d: Jun 21 , 1	
Print Setti	ngs Paper Stock	Print Quality	Color	Imposition	Services F	inishing	Exceptions
Imposi Sizes	Parameters tion method	Values Saddle Stitch 12x18_Un,A5		Template options – Layout:	Custom		\$
<mark>Templa</mark> Margir Marks		1X2 0.2, 0.0, 0.0 Crop		Print Method:	Columns 1  Duplex HTH	X 2	<b>\$</b>
Creep Scale		0.0, 0.0 100.0%		Print Method: Binding:	Bottom		<ul><li>▼</li><li></li></ul>
				North South     Rotate 90 deg.			
							18
				Submit	Save		Cancel

### Scale

Scale options have been added to the Imposition tab parameters.

- Scale by changes the scale of all imposed sheets. This is the default option, set to 100%. In the % box, type a value from 25% to 400% for how you want to change the scaling of the imposed sheets
- Fit layout to sheet size fits the page layout to the sheet size.



### The Preview Window

The Preview window enables you to view your imposition layout and settings.

You can open the Preview window at any time and keep it open to check your imposition settings as you select them. The Preview window dynamically reflects any changes that you make.



**Note:** The Preview window is not available if the **Imposition** method is set to **None**.

#### To open the Preview window:

Click preview

🚰 Dessert_Menu Preview	10 0 <b>1</b>	•	*	× F
	=	1 3		
		Height (mm)	Width (mm)	
	Sheet Requested Print	457.2 421.64	304.8 213.36	
				Close

In the Preview window you can perform the following functions:

- Click **Front (** to view the front pages.
- Click **Back** 🕑 to view the back pages.
- Move between sheets by clicking the navigation arrows (\*\*\*).
- Jump to a specific sheet by typing a number in the navigation box.

Gray arrows indicate the direction of the pages on the sheet. The sequence of pages is indicated by the page numbers.

If any parameters conflict, Imposition Conflict appears in red in the Preview window and also on the Imposition tab.

🚰 Menu Preview				Þ
	<b>(+ + 1</b>	+	*	F de
		1		
Imposition Conflict		Height (mm)	Width (mm)	
	Sheet	457.2	304.8	
	Requested Print	120.23	475.26	
				Close

A red border along the edge of the page indicates where the conflict exists.

- If the red border appears along the upper and lower edges of the page, a conflict exists in the **Height** value.
- If the red border appears along the left and right edges of the page, a conflict exists in the **Width** value.

Problematic values appear in red.

### Spire Print Driver Software

The CX print server Print Driver software enables you to set job parameters for jobs that you send to the DocuColor 8000AP Digital Press from any application on your client workstation. The Print Driver software also enables you to see the DocuColor 8000AP Digital Press configuration, monitor the printer's status, and save a set of print parameters for reuse.



#### Notes:

- The Print Driver software is only available for PC clients.
- When using the Print Driver software, ProcessStore and SpoolStore virtual printers are submitted as Process Print.

The print driver software contains the following tabs:

- Spire Settings
- Printer
- PostScript
- About

### Setting up the Print Driver Software

The Print Driver software is automatically installed on the client workstation when you set up a network printer. Once the printer is defined, you must activate the print driver's enhanced user interface.

#### To activate the print driver's enhanced user interface:

- 1. On the desktop, select **Start** > **Settings** > **Printers and Faxes**.
- 2. Right-click the printer icon and select **Properties.**
- 3. Click the **Print Driver** tab.
- 4. In the Enable enhanced user interface list, select on.



- 5. Click Apply.
- 6. Click **OK** to close the dialog box.

#### Using the Print Driver software Software

- 1. Open the file that you want to print—for example, a PDF file.
- 2. From the File menu, select Print.



**Note:** When printing a job from *Acrobat* using the Print Driver software, you must select the **Choose Paper Source by PDF page size** check box, in the **Page Handling** area in the *Acrobat* Print window.

3. In the Print dialog box, click **Properties.** 

If this is the first time that you are using the Print Driver software, a message tells you that the software is loading. Then a dialog box appears with the print settings.



**Note:** The loading process might take a few minutes. Afterwards, accessing the print driver takes less time.

Spire Settings	Printer	Postscript Settings	About
Copies: 1	s	Gave Set	
Print Settings Paper Stock	Print Quality Co	Nor Services Finishing	
	. This coloury of		
Parameters	Values	Print method options	
Print method	Simplex	🕅 🗿 Simplex	
Print order	From 1 to N		
Delivery	Face up	😰 🔵 Duplex head to toe	
Collation	Yes		
Image position	0.0,0.0,0.0,0.0	🕅 🗍 🔵 Duplex head to head	
Image scale Rotate 180	100%		
	No		
Gallop	NO		
? Status: online	Update	ок	Cancel

In the print driver window, you can perform the following actions:

- Define job parameters
- Change parameters and save the settings as a profile
- Load a saved profile
- Check the status of the DocuColor 8000AP Digital Press
- Define PostScript settings for the job

### **Protecting Spot Colors**

Using the Spot Color Editor window, you can now define specific RGB or CYMK colors that you want to protect—for example, official logos or company colors—to help produce color fidelity and color consistency between devices.

New tabs have been added to the Spot Color Editor window:

- Spot Editor
- Protect RGB
- Protect Gray
- Protect CMYK



**Important:** The Protect Gray feature is included in this release but is not currently functional.

Entire Predefined List)	$\begin{array}{c} \text{Original:}\\ Origina$	r: O1 E O1 K O1 N O2 E O2 K O2 N O2 Z O3 E O3 K O3 N
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	01 E 01 K 01 K 01 N 02 E 02 K 02 N 02 Z 03 E 03 K	01 E  01 K 01 N 02 E 02 K 02 N 02 Z 03 E 03 N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	01 K 01 N 02 E 02 K 02 N 02 N 02 N 02 Z 03 E 03 K	$\begin{array}{c c} O1 \ K \\ O2 \ E \\ O2 \ K \\ O2 \ K \\ O2 \ X \\ O3 \ K \\ O3 \ N \end{array} \begin{array}{c c} O1 \ K \\ O1 \ O1$
01 NOriginal:Corrected:02 E $\bigcirc$ $\bigcirc$ $\bigcirc$ 02 K $\bigcirc$ $\bigcirc$ $\bigcirc$ 02 N $\bigcirc$ $\bigcirc$ $\bigcirc$ 02 Z $\bigcirc$ $\bigcirc$ $\bigcirc$ 03 E $\checkmark$ $\bigcirc$ $\bigcirc$	01 N 02 E 02 K 02 N 02 N 02 Z 03 E 13 K	01 N 02 E 02 K 02 N 02 Z 03 E 03 N
$\begin{array}{c} 02 E \\ 02 K \\ 02 N \\ 02 Z \\ 03 E \end{array} \qquad \left(\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	$\begin{array}{c c} c & c \\ c \\$	$\begin{array}{c} C \\ C $
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} 02 \text{ K} \\ 02 \text{ N} \\ 02 \text{ Z} \\ 03 \text{ E} \\ 03 \text{ K} \end{array} $	02K     0     ✓     0     ✓       02N     M     0     ✓     0       02Z     Y     0     ✓       03E     K     0     ✓
02 N 02 Z 03 E K 0 → 0 ↓	02 N 02 Z 03 E 03 K	02 N 02 Z 03 E 03 K 03 N
02 N 02 Z 03 E K 0 → 0 ↓	02 N 02 Z 03 E 03 K	02N 02Z 03E 03K 03N
03E K 0 → 0 ‡	03E K 0 → 0 ¢	03E K 0 → 0 0
	03 K	03 K 03 N
		03 N
		U3 N
U3 N	US N	
		- Reset Apply
		U3 N
03 N	<b>T</b>	
-	<b>T</b>	

### Defining RGB and CMYK Spot Colors

When you define a specific color as an RGB or CMYK spot color, and enter a fixed CMYK target for it or align it to a predefined spot color, the CX print server treats it as a spot color, protecting it accordingly.

#### To define an RGB color as a spot color:



Note: The RGB spot workflow applies only to LW elements.

1. In the Spot Color Editor window, click the **Protect RGB** tab.

Spot Color I	Editor						×
Spot Editor	Protect RGB	Protect Gray	Protect CMYK				
			Color info	rmation —			_
			Color nam	ie:			
Color:			Source va	alues:			
			Predefine	d Spot list:			
					\$		
			0	riginal:	Corrected:		
			C	•	0 🇘		
			M	•	0		
			Y	•	0	+	
			ĸ	•	0 ‡		
+ -					-		
+					Reset	Apply	
						Close	

2. Click add +.

Protect RGB	×
Color name: (Type in name of new c	olor)
RGB source value: R 0 0 G 0 0 B 0 0	CMYK target value: C 0 0 M 0 0 Y 0 0 K 0 0
	Predefined Spot list:
	Save Cancel

- 3. In the **Color name** box, type a name for your color.
- 4. Type the RGB source values and the CMYK target values, or select a spot color from the **Predefined Spot** list.
- 5. Click Save.
- 6. On the **Protect RGB** tab, select the color.

The color information appears.

Editor		Durate at Curry	Protect CMYK					
Ealtor	Protect RGB	Protect Gray	Protect CMYH	·	_		_	
				ormation -				
			Color na	me:Purple				
Color:			Source	values:	<b>R</b> : 60	0, <mark>G:</mark> 14, <mark>E</mark>	3: 1	
			Predefin	ed Spot list	:			
Pur	ple					(	€	
			_	Original:		Corrected	x:	
			С	22	•	35	÷	
			м	33	÷	33	÷	
			Y	16	÷	16	÷	+
			К	1	÷	1	\$	
+ -					_	Reset		Apply
								Clos

- 7. If necessary, in the Corrected column, adjust the CMYK values.
- 8. Click Apply.

A similar procedure is performed to define CMYK colors as spot colors.

### Protecting Spot Colors in the Workflow

Once you have defined spot colors to protect, you need to indicate in the job workflow if one or more of these spot colors should be protected.

On the **Color** tab, under **Spot workflow** parameters, two check boxes have been added for protecting spot colors:

- Protect RGB colors: to retain RGB colors as defined
- Protect Gray colors: to retain gray colors as defined
- Protect CMYK colors: to retain CMYK colors as defined.



**Note:** If you protect RGB or CMYK colors, all colors in the job with that specific combination will be protected. For example, a specific color combination used in a logo may align with a color used in an image in the job. The spot transformation affects the image color as well as that of the logo, sometimes to undesired results.

Job Parameters				×
Job name: Gradation_Ta	b Virtual print	ter name: SpoolStore	Submitted:	Jun 15 , 09:12:23
	🔁 🔮	) 🖽 <	چ 🌾	<b>.</b>
Print Settings Paper Stock			ervices Finisl	hing Exceptions
Parameters	Values	Spot workflow options		
Color mode	Color	🔽 Use Spire spot colo	r dictionary	
RGB workflow	SpireRGB_2.1			
CMYK workflow	Direct	Protect RGB colors		
Spot workflow	On	Protect Gray colors		
Destination profile	Linked			
Screening	Dot 200	Protect CMYK color:	s	
Calibration	Normal			
Ink saving (GCR)	Medium			
Color adjustments	No			
		Submit	Save	Cancel

### PDF Analyzer

You can use the PDF analyzer to check imported PDF files for problems that may affect processing. The PDF analyzer checks the following elements:

- Document: identifies incompatibilities of *Acrobat* software with compression, encryption, security, and other properties
- Pages: detects empty pages and identifies the page size, annotations, and other properties
- Fonts: determines whether specific fonts are in the PDF file and whether they are embedded
- Colors: detects color space information, spot colors, rendering information, and color management settings
- Images: identifies image resolution, whether images are skewed or flipped, and whether images are compressed
- OPI: detects whether OPI is used. If so, the PDF analyzer detects the OPI version and determines whether any high-resolution images in the OPI path are missing
- Text and line art: identifies the size of text, the width of the lines, white text, and objects and flatness tolerance
- PDF/X: determines whether the file conforms to PDF/X-1a or to PDF/X-3 and whether the file contains *PostScript* fragments

#### To run the PDF analyzer:

1. In the Storage folder, right-click the PDF file, and select **PDF analyzer**.

PDF analyzer		×
PDF PreFlight Settings		
Check 💿 Comp	lete Document	
Pages	x	
	* Separate pages by commas and dashes.For example: 1,3-5,8,10-12	
PDF Reports		
🗹 Display report a	tomatically	
Report File Name:	Lizard_A4_rep.pdf	
Save Report:	Browse	
		_
	Run Cancel	

- 2. In the **PDF PreFlight Settings** area, do one of the following actions:
  - To check the entire PDF file, select Complete Document.
  - To check specific pages, select **Pages** and enter the desired page range.
- 3. If you do not want the report to automatically open when it is generated, clear **Display report automatically**.
- 4. If desired, change the report file name. By default, the report file name consists of the original file name and the suffix **\_rep**—for example, if the file to be checked is **sample.pdf**, the report file is named **sample\_rep.pdf**.
- 5. If you want to save the report to a specific location, click **Browse** and navigate to the desired location.
- 6. Click Run.

The PDF report is generated and opens automatically.

### **Default Trim Size**

In the Settings window, under **Preferences > General defaults**, **Default Image Size** has been changed to **Default Trim Size**.

### Print Mode

**The Print Settings** tab has been enhanced—**Print Mode** parameters have been added, enabling you to print color separations, progressively add color, or set up custom separations.

#### Composite

Composite prints a job without separations. Each page of the job is printed once.

#### **S**eparations

Separations prints the job with color or grayscale separations. If you select color separations, each page in the job is printed separately in four colors: cyan, magenta, yellow, and black. If you select grayscale, each page in the job is printed separately four times in different shades of grayscale (K).

Print Mode
Separations \$
Print the separations in color
Print the separations in grayscale

#### **Progressive Printing**

Progressive printing prints each page of the job four times in progressive color separations, enabling you to examine the results of progressively adding color passes to a job:

- Sheet 1 is printed in cyan.
- Sheet 2 is printed in cyan and magenta.
- Sheet 3 is printed in cyan, magenta, and yellow.
- Sheet 4 is printed in cyan, magenta, yellow, and black.

Print Mode	
Progressiv	e 🔶
Sheet 1:	с
Sheet 2:	C+M
Sheet 3:	C+M+Y
Sheet 4:	C+M+Y+K
4	44

#### Custom

Custom enables you to select the separations that you want to print for each sheet for each page of the job.

Print Mode									
	Custom					\$			
	,								
		С	м	Y	к				
	Sheet 1		111	111					
			_	_	_				
	Sheet 2		$\checkmark$						
	Sheet 3		111						
	Shoor o	_	_		-				
	Sheet 4				<b>V</b>				

### **Enhanced Job Info**

Attributes were added to the **GetFilteredJobList** Spire API. These attributes enable the CX print server to return accounting information for jobs upon request.

The accounting information includes:

- Number of colored pages printed
- Number of black-and-white pages printed
- Duration of processing of the job
- Duration of printing of the job

### Soft Proof

Soft proof enables you to preview the file—for example, in the Job Preview & Editor—as it should print, and add additional information on the printed sheet.

The original file gamut (CMYK/RGB) is converted to the screen RGB values using LAB and the data from the system monitor's ICC device profile.

The CX print server detects the monitor type and loads the profile accordingly.

### Job Slug Line

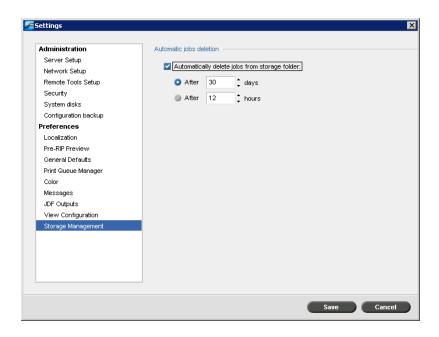
The Services tab has been enhanced to include the Job slug parameter. This enables you to add additional information to the printed sheet, which is printed in the margins of a job.

The following information can be added:

- **Color bar**: prints a measurable color bar, enabling the user to know the state and consistency of the printer and calibration, and if color proofing needs to be performed.
- Job name
- Sheet number and side (front/back)
- Date and Time
- **Comments:** user can type up to 30 characters

### Storage Management

In the Settings window, under **Preferences**, **Storage Management** has been added, enabling you to select an automatic job deletion policy for the Storage window.



### **Restore Paper Sets**

In the Settings window, under Administration > Configuration backup, the Paper Sets check box has been added to the Restore Configuration dialog box. This enables you to restore paper sets as part of a the restore configuration process.

### **New CMYK Emulation Profile**

On CD #3, there is a new CMYK emulation profile, **ISO\_coated\_sb.icc**, which is based on the ISO ICC profile. It is located in the Utilities/Profile/Source\_Profile folder.

### Enfocus PitStop Edit Software

The Enfocus PitStop Edit software plug-in version 6.51 for Acrobat is provided in this release.

# Limitations

This section lists limitations new to this release of the CX print server software.

When a limitation listed here is resolved, the solution is described in the *Problems Fixed* section of the release notes for the next version of CX print server software.

### Jobs with Exceptions Freezing in Print Queue

If you send a job to print that has A3 or A4 inserts that were set up as exceptions on the **Exceptions** tab, the job will freeze in the print queue.

The following error message will appear in the Job Alerts window:

"The selected paper set in the job parameter's window (exceptions tab) is not correct."

Workaround: Go to **Tools > Resource Center** and select **Paper Sets**. Select the paper set name of the insert—for example, A3\_Un\_81-05—and click **Edit**. In the Paper Set Properties dialog box, do not make any changes. Click **OK** and then click **Close**.

In the Paper Stocks window, the status of the paper set for the insert should be **Ready**.

### **Mixed Paper Size**

The **Mixed paper size** option does not work with a virtual printer that supports a dynamic page exceptions workflow.

### **Export/Print Accounting Report**

To export or print all rows of an accounting report, you must first select all of the rows. The Print List and Export buttons are inactive until you select one or more rows.

### Imposed VPS Jobs

If you have a custom-size job—for example, a business card—make sure to save the file close to the dimensions of the image. This will prevent a large trim size around the image when you impose the job in the CX print server. Otherwise, the job might not print properly.

### Huffman Compression .JPG Files

The CX print server software does not support Huffman compression .JPG files.

### Printing Slip Sheets and Front and Back Covers

Slip sheets, front covers, and back covers cannot be printed if their orientation and page size settings are different from the job's—for example, a letter-size slip sheet in an A3-size job.

### PPML File Scaling

The CX print server software does not support Fit to Page scaling in PPML files.

### Number of Copies in PowerPoint and Excel

When using *Microsoft PowerPoint* or *Excel*, if you choose the number of copies to be printed through the Spire Print Driver software, the number chosen is not reflected in the *PowerPoint* or *Excel* Print window.

### Job Preview & Editor—Adobe Acrobat

There are two **Job Preview & Editor** limitations:

- When using the **Job Preview & Editor** to preview a PostScript or PDF file, issues with the workspace may occur. When prompted, download the *Acrobat* version 7.0.8 update.
- DCS1 and DCS2 files that have been RIPed cannot be previewed in *Acrobat* using the Job Preview & Editor.

### **Admin Page Limitation**

- If you select landscape orientation and the staple option for an Admin page, the page is rotated and cut-off when it prints.
- In *Excel* files, if you select landscape orientation, the Admin page may be rotated and cut-off when it prints.
- In certain workflows, if the **Print Method** for a virtual printer is **Head to Toe** and the **Job flow** is **ProcessStore**, a blank page might print at the end of the job if you change the **Print Method** to **Simplex**. If this problem occurs, perform one of the following options:
  - □ Clear the **Print Admin page** check box.
  - □ Submit and process the job completely before you submit other jobs.
- In certain workflows, if you print the administration page face-up, the job may print as duplex (side 1 is blank and the first page of the job is printed on side 2). If this problem occurs, perform one of the following options:
  - □ Clear the **Print Admin page** check box.
  - □ Select **Face down** as the delivery option for the job.

### **VIPP** Extension Limitation

If you use an incorrect file extension for a VIPP job, the job isn't processed correctly and cannot print. To correct this problem, change the file extension to DBF.

When using the VPC file format, any VIPP file extension can be used.

### Remote Admin with Remote Desktop Limitation

Using Remote Admin with the Windows XP Remote Desktop Connection can cause the Remote Admin to not work properly— a black screen appears in the window of the remote tool.

### Spire Job Info

For *Adobe PageMaker* running on *Windows XP*, and *Microsoft* Word running on *Windows 98*, the Spire Job Info fields are not supported.

### **HCSS Front Staple Option Display**

On the **Finishing** tab, under **Finisher options**, when you select **HCSS** and also select the **Stack Tray** and **Stapler** options, the display of the **Front** position for the staple is shown at an angle instead of straight. This is only a display issue. When the job is sent to the stapler finisher, the direction of the staple will be straight.

### Spire Print Driver Software

There are limitations when using the Print Driver software in the following applications:

- Microsoft PowerPoint—for Letter or A4 paper sizes, set the paper size in *PowerPoint*. Set all other paper sizes in the PPD file.
- QuarkXPress—for Letter or A4 paper sizes, set the paper size in *QuarkXPress*. Set all other paper sizes in the PPD file.

When using the above applications, before enabling the Print Driver software, go to the Printer properties for the virtual printer and set the PPD page size to the maximum size available.



**Note:** You can always use the PPD file instead of the Print Driver software. To use the PPD file, disable the Print Driver software by selecting **off** in the **Enable enhanced user interface** list. Refer to "Setting up the Print Driver Software"> on page 15, for more information.

### **Backup and Restore Configuration**

The configuration file can only be backed up to the default path, C:\CXP8000\General\Configuration.

If you are reinstalling the CX print server software or upgrading your CX print server software version, your configuration file cannot be restored using the **DFE Configuration recovery** option in **Step 1** of the Configuration Wizard.

To restore your configuration file, after the CX print server software has been installed, go to **Tools > Settings > Administration**, and select **Configuration backup**. Locate your configuration file and start the restore process.

### **Incorrect Print Status Information**

The Printing status indicator becomes blank during a paper jam. It does not depict the percentage or the number of pages that have completed printing.

# Job Preview & Editor—Adobe Acrobat Window in Background

After selecting **Job Preview & Editor**, the *Acrobat* window can switch to the background if the CX print server workspace is clicked as *Acrobat* is being launched. The CX print server workspace becomes the active window instead of Acrobat.

Press ALT+TAB to switch to Acrobat.

### Simulating Jobs in the Imposition Template Builder

In this version, you can't simulate a job in the Imposition Template Builder. Use the Preview window on the **Imposition** tab (Job Parameters window).



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