Release Notes

English

CXP6000 Color Server for the Xerox DocuColor 6060

version **1.0**

399Z1P969B

www.creo.com

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5122871	5343059	5532728	5713287	5966504	6121996	6266134
5124547	5355446	5561691	5739819	5969872	6130702	6267054
5132723	5359451	5568595	5742743	5973801	6134393	6268948
5150225	5359458	5576754	5764374	5986819	6136509	6283589
5153769	5367360	5579115	5764381	5995475	6137580	6295076
5155782	5367388	5592309	5771794	5996499	6147789	
5157516	5384648	5594556	5785309	5998067	6158345	
5177724	5384899	5600448	5802034	6003442	6159659	
5208818	5412491	5608822	5813346	6014471	6164637	
5208888	5412737	5615282	5818498	6016752	6180325	

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399Z1P969B

June 2002

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Note: This document contains information about the CXP6000 Color Server 1.0. Distribute a copy of this Release Notes document to all users and have the user read this document before using the CXP6000 Color Server.

Software Kit Content

Windows NT Server Version 4.0 Fast Install (CD # 1)

This CD includes:

* Windows NT Server Version 4.0 operating system with a customized menu for reinstalling the CXP6000 Color Server
* A Folder with the DFE drivers (Communication, SCSI, VGA and misc.)
* A Folder with all the Win-NT files (I386)
* Internet Explorer 5.5 high encryption with Microsoft VM
* Service Pack 6a high encryption (different than the one on the Microsoft CD)

CXP6000 Multi-Lingual Application Software - (CD #2)

This CD includes all the CXP6000 Color Server software (Setup, PPD's, printer drivers and utilities).

CXP6000 Documentation and Utilities - (CD #3)

This CD contains client utilities, the CXP6000 *Installation and Printing* Guides and customer *Release Notes* in PDF format in the following languages: English, French, German, Spanish, Italian, Portuguese and Dutch.

The CD has both Macintosh and PC partitions so that it can be mounted on both platforms. The *Installation and Printing* Guides can be inserted on any client computer with a CD-ROM drive and submitted to print on any printer. They can also be submitted to print via the CXP6000Color Server and sent to print on the DocuColor 6060.

To print the CXP6000 Installation and Printing Guides on a DocuColor 6060 using the CXP6000:

1. Insert the CXP6000 Color Server Documentation and Utilities CD #3 into the CXP6000's CD-ROM drive while the CXP6000 application workspace is open.
2. From the File menu, select **Import Job**.
3. Browse to the CD-ROM and select the required document.
4. Click **Add to List**.

   The file appears on the right hand side of the Import Job dialog box.
5. Click **Submit**.
   The selected document is submitted to the CXP6000 Color Server to be printed.

New Features and Enhancements

Color Calibration Methods

The CXP6000 provides two different printer color calibration methods:

- Target Calibration
- Auto Adjusted Calibration

Target Calibration method

Use the Target Calibration method to calibrate the DocuColor 6060 according to fixed defined density values. The density values specify the nominal density value that will be achieved by the DocuColor 6060.

Use the Target Calibration method to achieve color consistency between printers.

Auto Adjusted Calibration method

Use the Adjusted Calibration method to calibrate the DocuColor 6060 according to a user-defined percentage (between 70-100%) of the DocuColor 6060 current maximal density value.
Use the Auto Adjusted Calibration method to achieve a constant percentage of the printer's current maximal density.

To select the Color Calibration Method (before starting the calibration wizard process):

1. Go to: Administration → Preferences → Color → Calibration Methods
2. There are two options:
   ◉ Target Calibration (Default)
   ○ Auto Adjusted Calibration
3. If the Auto Adjusted Calibration method is selected, click the **Advanced** button in order to change to the selected method default setting (85%). For more information see the *CXP6000 Printing Guide.*

"Automatic Next" in The Calibration Wizard

"Automatic Next" is now available in the Calibration Wizard process: Once a selection is made in the calibration wizard, the next window appears automatically without the need to click the **Next** button.

DTP 34 Densitometer Tutorial

There is an animated tutorial for the DTP 34 Densitometer. Click and view the DTP 34 tutorial animated movie before calibrating the DTP34 Densitometer for the first time.

To view DTP34 Tutorial:

1. Connect the DTP34 device.
2. Go to: Tools Menu → Calibration.
3. Click the **Calibrate** button.
4. Click the DTP 34 **Click & Learn** icon.

Automatic Screening Method

In Job Parameters the Automatic option can be selected as the required screening method for the job.

This feature allows specifying the values of the Automatic screening method to be selected. By default the Automatic option of the screening method applies for CT: Dot 200 and for LW: line 200.

To change the values of the Automatic screening method:

1. Go to: Administration → Preferences → Color → Automatic Screening Method.
2. Select the required screening method for LW & CT.

Enable/Disable Spire Spot Color Dictionary

By default the Spire Spot Color Dictionary is applied, which means that spot colors are printed using the custom (or predefined) values that appear in the Spire Spot Colors Dictionary.

The Spot Color Dictionary can now be disabled. When the dictionary is disabled, spot colors will print using the default CMYK values for each spot.

To Disable Spot Color Dictionary:

Go to: Administration → Preferences → Color → Spire Spot Color Dictionary.

Finishers

The CXP6000 supports Docucolor 6060 chained output devices configuration of dual HCS (High Capacity Feeder), HCS + HCSS (High Capacity Stacker Stapler) and HCS +DFA.

To select the chained HCS output tray:

Go to: Finishers Tab → HCS

Select:

◉ Top Tray 1 (Default)
○ Top Tray 2
○ Stack Tray 1
○ Stack Tray 2
○ Auto Stack Tray – This option enables the usable stack tray to be selected automatically by the DocuColor6060.
In addition, when the Stack tray becomes full the printer switches automatically to the other Stack Tray for the rest of the job.
Note: For the Auto Stack Tray option set the Auto Output Stack/Switch (AOS) function to "ON" in the printer Tools mode.

To print to the DFA output device (third party finishing device):

1. Go to: Finishers Tab → DFA.
2. Select from the drop down menu the DFA finisher profile.

Imposition

Image Orientation

Use the image orientation feature to specify the orientation of Landscape or Portrait documents for imposed files.
The image orientation should be set according to the original document orientation; otherwise the job's printout might be cropped.

To Set image orientation for imposition:

1. Go to: Imposition Tab → Paper Size→ Image orientation.
2. Select:
   ◉ Portrait
   ○ Landscape

Notes:

- This is required to set the image orientation while imposing Landscape documents from the following applications: Adobe Acrobat from Windows 2000, PageMaker from Windows 2000/NT or CorelDraw from Windows 98/2000/NT.

- Use this new feature to create separate virtual printers with imposition settings for Landscape or Portrait documents. This is accomplished by specifying the image orientation for imposition in the virtual printer for Landscape or Portrait documents.

- If the document orientation is not specified, an unsuitable template maybe selected and the job may be cropped as a result.

- The image orientation for imposition is available also from the PPD.

Crop Marks

Use the crop marks feature to specify whether to print the crop marks on one side or on both sides of printed document.

To add crop marks:

1. Go to: Imposition Tab → Marks.
2. Select:
   - ☑ Add crop marks (to print on one side)
   - ☑ Print on both sides

Override PPD Parameters

Use the Override PPD Parameters feature to add a new virtual printer or to edit an existing virtual printer so that its settings will always override all PPD parameter values (including the Paper Size value).

Use this feature to override the PPD settings even if a specific setting (other than printer's default) is selected in the PPD.

To create Virtual Printer which overrides PPD parameters:

1. Go to: Administration → Resource Manager → Virtual Printers → Add New/Edit
2. Select:
   - ☑ Override PPD Parameters

CMYK Emulation

The following profiles were added to the CMYK Emulation options: Matchprint, Fogra Matte, Fogra Gloss, Fogra Uncoated.

To select the Fogra or Matchprint Emulations:

Go to: Color Tab → CMYK Workflow → CMYK Emulation.

OPI

In some instances, files from some known applications (such as Quark Express®) may contain OPI comments, although the high-resolution files are unavailable or have been imbedded in the files. Therefore, the CXP6000 Color Server OPI support is disabled by default, in order to ensure continuous processing and printing.

To enable OPI Spire support:

Go to: Administration → Preferences → OPI

Accounting

Additional accounting information is now available regarding paperweight, coating and number of purged pages.

Font Library Printed List

Use the Font Library utility to print the fonts name examples of the fonts library list.

To Print the fonts list:

Go to: D:\Utilities\Fonts List

Windows INF File

The CXP6000 now includes a Windows INF file for configuring a local printer (i.e., FILE, LPR Port).

The INF files are located in the shared Utilities folder on the CXP6000 in the path: <\\CXP\Utilities\PC> Utilities\Printer Driver. There are two drivers, one for Windows 9.x and one for Windows NT/2000. The folders also include the necessary drivers for the INF so that there is no need to locate the files on the original Windows OS CD.

CXP6000 Color Server Tips

Error Message During NT Installation

When the following message appears on the monitor during the NT install: “Unable to open the file c:\WIN_NT~LS\I386\TCPIP.SIS”. Select **Ignore** to continue installation.

Antivirus software

The CXP6000 Color Server was tested successfully with the McAfee Virus Scan v4.5 - for NT 2000 server, Antivirus Software. To limit degradation of performance, it is recommended to avoid auto scan mode and to activate the Anti Virus software only when the CXP6000 Color Server application is closed.

Before installing the CXP6000 make sure all other applications are closed including Anti-virus applications.

Loading Software

Do not load unauthorized software onto the CXP6000 Color Server system with the exception of the Anti-Virus software that protects the software.

Add printers on client workstations

Use the recommended Adobe PS Driver utility from CD #3 when installing for install printers on client workstations.
When updating or installing a new version, the old printers must be removed from the client workstation. Reboot the client and install new printers.

DCS Format Support

The CXP6000 can process input files with embedded DCS1 or DCS2 (Photoshop) format files.

DCS Printing Steps:

1. Place the DCS file in a DTP (Desktop Publishing) Application such as QuarkXPress or Freehand.
2. Copy the DCS file to the CXP6000 color server high-resolution folder (at D\Shared\High Res).
3. Set PS Overprint in Print Quality Tab in Job parameters or in PPD to **Yes**.
4. Print the file in composite mode.

A different path can be used for the high-resolution DCS files. When doing so make sure the path is added to the APR search paths (Services Tab of the Job Ticket).

Driver and Application Collation Options

Most printer drivers and MS Office applications support a "Collate" option. To receive properly collated or stapled output, disable the "Collate" feature in the print driver and in the application and enable the "Collate" feature in the PPD.

File Name

If the word "executive" is used in the file name, the file may result in failure in the RIP process.

Embedded ICC Profiles

Adobe and the CXP6000 Color Server support PS color management (CSAs and CRDs mechanism). Color space array is pulled out from the ICC profile (only when PS color management is the selected parameter) and interacts with the color-rendering dictionary of the printer (CRD).

CMYK Emulation

The ICC profile names should not contain any spaces or the improper characters. Examples of improper characters include the following symbols: ! @ # $ % ^ & * ( ) - / ? > < ' " ; :] [{ } \

Range printing with HCSS

In duplex printing, use only continuous range printing, not non-continuous page printing, which requires a comma.

Font Substitution

In case when the DFE fails to substitute fonts and no fonts printed in the output, turn Font Substitution Off in the virtual printer.
Go to: Admin → Resource Manager → Virtual Printer

HCSS - Rotate 180°

In some cases a job may get to the CXP6000 Color Server rotated in 180 degrees, and prevent the proper usage of the HCSS. In those cases, in order to allow stapling in the right place, use the Rotate 180° option.

Staple Feature Options

A file with "Landscape" image orientation also has portrait staple options available, and likewise a file with "Portrait" image orientation will have Landscape options available. Choose the correct Staple orientation option according to its job image orientation. The image might be cropped when choosing a staple orientation different from the image orientation set by the application.

Novell Banner Page

Banner page for Novell is not supported.

Re-RIP after Imposition Programming Changes

When modifying Imposition settings for a Ready to Print job, re-RIP is automatically performed when the new imposition setting requires changes in the page's rotation. For example, when you change the template from HTH to HTT.

Image size to trim size ratio in Imposition

The ratio between image size and trim size in imposition setting should not be more than 1.5, otherwise the job might fail in print. For example, don't place two Tabloid size images, trimmed to Letter size on a Tabloid size sheet.

Fit To Sheet Size In Imposition

Fit to sheet size in imposition cannot be operated with PDF Optimization.
If Fit To Sheet Size is selected in imposition, PDF Optimization will be disabled by default.

White line effect (or space) when using Imposition

In some instances a white line effect, or space between images may appear when using Step &Repeat Imposition and printing with no margins.

OS Set Up and Software Requirements

The supported Macintosh OS is 8.51 and higher. The recommended print driver depends on the Macintosh OS that is being used. Unknown problems may occur if other drivers are used.

MAC OS	Recommended Print Driver
8.51-8.xx	LaserWriter 8.6.1
9.0-9.x	LaserWriter 8.7

Adobe PostScript Driver for Win NT/2000/XP is 5.2.1 and Win 98/ME is 4.5.1.

The CXP6000 does not require any driver installation for MAC OS 10.x. To print to the CXP6000 from MAC OS 10.x use the Print Center application **Add Printer** to add the virtual printer.

Job Editor

In merged jobs created in the Preview/Job Editor, job parameters that would require a re-RIP (for example, color emulation, orientation change, image quality and imposition templates) cannot be changed.

Image Scale

The image scale feature cannot be operated with the PDF Optimization function.
Selecting Image Scale automatically disables PDF optimization.

Admin Page

The "Color Server Name" field on the Admin Page will print with the color server name from Macintosh client workstations and client workstation name from PC client workstations.
Imposition using "Fit to Page" with Admin page causes the Admin page image scaling to change.
Admin Page will print in English Only.

Text/Line Quality

When scanned PDF jobs contain complicated graphic Line Work (LW), the Text Line Quality parameter (in the Job Parameters window) may need to be changed. Follow the alert messages on the CXP6000.

Print Grays Using Only Black Toner

When using this feature not only R=G=B values will be effected but also slightly different values (R+/-2=B+/-2=G+/-2) may produce gray.

Note: By default, this feature affects only RGB elements. If you would like gray CMYK elements to be printed using black toner only, select **Perceptual** as the rendering intent in the **CMYK workflow** parameter (the CMYK elements will be counted as BW).

Graphic Arts Port (Gap) Files

When running Gap files, it is recommended to set Black Over Print to **No** and PS Overprint to **YES**.

To change Black Over Print default value to No:

Go to: → Print Quality Tab → Black Over Print

To change PS Over Print default value to Yes:

Go to: → Print Quality Tab → PS Over Print

The CXP6000 only supports GAP files that are in composite format.

GAP files, which contain spot colors, are not supported (NCT files format).

Variable Information (VI)

Reference Documentation

Please refer to the *Variable Information Customer Expectations* Document for the DocuColor 6060, specifically to the VI application section.

VPS Process

It is recommended to use Creo Darwin 3.3 or higher version.

In general, the DocuColor 6060 is capable of efficiently handling variable data jobs in segmented run lengths. Large complex jobs should always be segmented into smaller run lengths to achieve maximum throughput. The exact size of the run length varies based on the amount of variable coverage and element demographics (size and percentage of variable text vs. images/graphics). As a matter of good practice, customers should always perform regular disk maintenance to ensure trouble-free operation.

VPS Printing

Creo Darwin does not support trapping of VI elements.
Gallop mode automatically uses the Face Down print option.

VPS Face Up and Duplex Printing

In order to print a VPS job using Duplex, Face-up, do the following:

1. Process the job using Duplex Face Down mode.
2. Open the RTP job parameters window.
3. Change the Print Order parameter to Face up mode.
4. Submit the job.

VI Job Thumbnails

Do not attempt to view thumbnails with multi record VI jobs, since no other job can be selected until these thumbnails have been generated on all the pages of the of the selected VI job. Do not open thumbnails for VIPP and/or VPS jobs that have been RIPed and are being held in the Storage folder, unless the user desires to view the thumbnails of the entire VI job.

File Naming Convention

Follow the naming conventions specified in the CXP6000*Printing Guide*. Note that improper characters and file names with spaces may cause errors. For example, avoid using the following symbols: ! @ # $ % ^ & * ( ) - / ? > < ' " ; :] [{ } \ |. This is relevant for image and job files. In some cases, the CXP6000 Color Server will substitute underbars (_) in file names that contain the aforementioned characters. This will result in an inability to call out the Hi-Res image when using APR. It is recommended that all image files and the database file is scanned for these characters and fixed prior to creating any Darwin VPS file.

VPS Image Files

Supported file types utilizing the CXP6000 APR feature and the Synapse PrintXT extension includes: EPS, TIFF, and CT.

Note: General Postscript errors may result when Synapse PrintXT is set to perform Image Swap on unsupported file types (that is, PDF, LZW compressed TIFF, grayscale bitmaps).

Print Shop Mail jobs

Any VI elements in the Landscape orientation of Print Shop Mail jobs will be processed and printed out in Portrait orientation.

Image Scale

The Image Scale feature does not support VI jobs.

Fit to Sheet Size in Imposition

The Fit to Sheet Size feature in imposition does not support VI jobs.

Application Notes

Windows/office

Custom page sizes cannot be defined in Microsoft Word for Windows NT and 2000. The value defaults back to Letter size. If the image is larger than Letter (8.5x11"), the image will be cropped upon printing.

QuarkXpress

To print transparencies from QuarkXpress, first select the page size (A4 or Letter) in the Page Setup window and from the PPD options. Only then select the Media type: Transparency.

In order to achieve good results in imposition using quark files in custom size and Landscape orientation, define the paper size as follows:

Document setup: Width = Long number, High = Short Number

Print window: Width = Short number, High = Long Number

PPD, Custom: Width = Long number, High = Short Number

To ensure validity of files, check the preview window in QuarkXpress before the postscript creation.

In the printer driver window, Output tab the only resolution option available is 300dpi, although the DocuColor 6060 will print the file in 600dpi. Disregard the resolution option setting.

PageMaker

Jobs arrive to the CXP6000 Color Server with a full path name as the job's title.

All operating systems enable the selection of transparency with custom paper size, although the printer can only print transparencies in A4 and Letter sizes.

All operating systems enable the selection of the custom paper size and tray 1 or 2, although the printer can only print custom paper sizes from tray 3 or 4.

Custom page sizes cannot be defined in PageMaker for the Macintosh operating system. The value defaults back to Letter size. If the image is larger than Letter, it will be cropped.

There are no error messages from the PPD when selecting the HCSS and Printer Default (Face Up) in PageMaker. Face down must be selected.

For PageMaker files with the Landscape orientation and Duplex Mode properties, Head to Head prints as Head to Toe, and Head to Toe, prints as Head to Head.

In PageMaker 6.5, there is no constrain from PPD referring to "Face Down" and "collation=Yes" when choosing the stapler option.

The Admin Page with PageMaker prints incorrectly when selecting Staple from Macintosh. The first sheet of the job will be duplicated and print instead of the Admin Page.

Adobe Acrobat

In order to print (PS files) from Adobe Acrobat 5.0 to CXP6000 do not select the Optimize to Speed option in Adobe Acrobat 5.0.

For PS files from Adobe Acrobat (PC version) in Duplex Mode, Head to Head prints as Head to Toe.

For Adobe Acrobat files in Landscape orientation in Duplex Mode, Head to Head prints as Head to Toe.

Adobe PDF version 1.4 is not supported in this version.

Illustrator v9.x and 10.x

Illustrator application functionality, such as transparent color, which is enabled through CPSI 3015, is not supported.

FreeHand

Admin Page does not print with Staple Jobs from Freehand from Win 98, XP, and NT. Postscript errors may result with jobs sent from Win 2000.

Adobe PS Known Limitations

The following applications do not support all Adobe PS features. Usually the application simply ignores the feature, but in rare cases, a printing error may occur.

Application	Driver Feature
Acrobat 5.0	Rotated Landscape, Mirror Image, Negative Image
CorelDraw 9.0	Scaling, Mirror Image, Negative Image
Frame Maker 5.5	Rotated Landscape
Freehand 8.0	N-up, Scaling, Landscape, Rotated Landscape, Mirror Image, Negative Image, Watermark, OpenType
Illustrator 8.0	Watermark, Euro
InDesign 1.0	Scaling, OpenType
PageMaker 6.5	N-up, Scaling, Rotated Landscape, Mirror Image, Negative Image, Watermark, Euro
Photoshop 5.5	Watermark, Euro
QuarkXPress 3.32, 4.0	N-Up, Rotated Landscape, Mirror Image, Watermark, Euro, OpenType
WordPerfect 9.0	Rotated Landscape

Workaround: Do not use these Adobe PS features when printing from the above applications. Newer versions of these applications may resolve these incompatibilities.