Copydot Toolkit (Including oXYgen DOT Toolkit)

Release 4.0c
Release Notes

06-3218E-B
Revised January 2003

creo™

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Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: (1) (604) 451-2700
Fax: (1) (604) 437-9891

http://www.creo.com

06-3218E-B

Revised January 2003

Contents

Introduction 1

What Is in These Release Notes? 1
Conventions Used 1

New Features 2

Registration Is Now Available As a Licensable Option 2
Process All File Formats or Only Those With an oXYgen DOT Tag 3
Create Templates With Your Most Commonly Used Output Settings 3
Get Higher Quality Preview Files With Printer Preview 3
Actions Performed Through the Transform Toolbar Now Affect Output 3
View Opaque Colors as Transparent 3
LZW Is Now a Compression Option 3

Enhancements 4

Changes in the User Interface 4
Job Manager 4
Image Viewer Window 8
Changes in Job Manager Functionality 11
Changes in File Format 11
Improvements in Processing Speed 11
Using Copydot Toolkit 12

Problems Fixed 13

OneVision PDF files cannot be read 13
Output templates cause reformat to PDF to fail 13
CTK cannot read PCC RIP files that use ZIP (Flate) compression 13
Composite CMYK+ TIFFs from CTK 4 fail to open in Photoshop 13
Placement & Preview Hot folder creates DCS2 single file with preview without the Hires file(s) 13
Opacity value of colors not saved in the color database 14
RASTLIB cannot read the PCC RIP 8-bit grayscale files 14
CMYK+ Planar Composite Contone PDF format needs overprint enabled 14
Reformat from NLW dpcm resulted in incorrect output units 14
Copydot Toolkit hot folders did not recognize files with the .e extension as control files 14
Zoom files not generated for second job when high resolution set had same high resolution file names but different content 14
Could not create a DCS2 single file with preview using the "Place & Prev" operation 15
Copydot Toolkit 3.0 crashed if set to create a Preview when performing Merging 15
When re-opening an Output View, Viewer did not automatically reload zoom files 15
Raster settings did not display correctly when switching between different hot folders 15
Cropping rectangle snapped to byte boundary when moved 16
Invalid to specify RGB composite with Plane interleaving for PDF output files 16
Time consuming to crop small area during Descreen, Calibrate, Resample 16
Moving page frame using cursor keys didn't work correctly for some zoom levels 16
Zoom files displayed incorrectly for jobs using CMYK composite with spot colors 16
Changes can be made to the separations and not saved to document 17
In Windows 2000, top part of image in Viewer was not always redrawn 17
Descreening crashed on 72 dpi input files 17
Copydot Toolkit-generated Composite, G3, PDF caused error in Prinergy VPS output 17
If PDF processing failed due to low disk space, job file was left invalid 17

PDF processing worked reliably only in single-processor mode 18
PDF processing may have failed if Temp directory wasn't large enough 18
"Send To" didn't work with path names from the Microsoft Explorer Network Neighborhood 18
Problem processing output file names that contained periods 18
Could not maximize the Toolkit Manager view properly on certain monitors 19
Could not see whole Hotfolders page on 1024 x 768 video display 19
Toolkit could not convert RGB continuous tone images to CMYK 19
Toolkit crashed if you ran out of disk space 19

Known Problems and Limitations 20

Powerpack TIFF separations appear opaque in Image Viewer 20
Viewer looks gray at certain zoom-levels 20
Sometimes the separation list disappears in the Process section of the Toolkit Manager 20
Pressing the negative button negatizes an area outside of the real image size in zoomed out views 21
Color.ini file prevents new colors from importing correctly 21
Previews (either LoRes or Printer) with a resolution greater than the main HiRes files are not shown in the Image Viewer window 21
Small bitmap edits disappear when zoom-out to 1:32 22
Hi-Res fails to be merged at Brisque from OPI comments embedded in PDF when using PS Image and DCS from Renaissance scanner family 22
Position shift of high-resolution image when going through Brisque image replacement 22
During reformat, can't create Preview when output format is separated Scitex NLW 22
No measurement support for line screens with unequal x and y frequencies 23
Toolkit crashes when using SHIFT to select multiple files for zoom file creation on dual processor 23
Autoclean Tool may create artifacts if used in an area where there are large changes in tints 23
Copydot Toolkit doesn't warn for an invalid entry to the zoom file directory pool 23
Very large files may fail when being processed across a network 24
Revert button does not change last setting 24
Clean tool cannot clean line screens at 99% tint 24
RastFileInfo labels OPI files as whatever it is pointing to (DCS, PS Image, and so on) 24
If "Default" color is "Set as Default", Copydot Toolkit allows illegal reformat TIFF CMYK operation and generates incorrect DCS file 24
Copydot Toolkit does not support Adobe Photoshop 5.5 preview format 25
Copydot Toolkit cannot open a PDF2GO generated by Brisque 25
TIFF, TIFF-IT/LW, Scitex NLW high-resolution files do not preserve page frame crop/bleed information 25
Upon starting Copydot Toolkit for the first time, you may get a message stating that the log file cannot be opened 25
Copydot Toolkit does not support different X-Y resolutions 25
Hot folders do not work on non-SMB published network volumes. 26
Line screen results are erratic (with small tool area and for low lpi's) 26
EPS whole image files do not process properly during creation of zoom files 26
Copydot Toolkit processing slows down after several hours of heavy use 26
Copydot Toolkit hangs for a minute when creating a hot folder job on a quad processor machine 27
Composite Files and Color Space change 27
Settings/preview preference never shows up on output/preview page 27
Adobe PageMaker cannot process CTK DCS Single files properly 27
Calibration curve default selection for spot color separation is black 27
Toolkit does not support files larger than 2 GB 28
CTK installer automatically associates TIFF and EPS files as Copydot Toolkit files 28
HotFolders feature does not support multi-version output (CMY+k1, +k2, +k3, and so on) 28
Uncompressed, whole-image EPS output files appear inverted in Adobe Photoshop 28
Some files left behind in the input directory of the hot folder 29
Cannot pan Image Viewer window when Image Info dialog box is open 29
Separated descreened output includes CMYK files, even if there is no CMYK in the job 30
Send To function may not work if network is slow 30
Adobe Photoshop cannot read Toolkit-generated DCS/EPS contone output 30
Zoom file creation appears to stop 31

Cannot reassign color for spot colors in composite input files..... 32

Introduction

We are pleased to send you the latest revision of Copydot Toolkit. These release notes highlight the changes and improvements that were made to release 4.0c of Copydot Toolkit and its oXYgen DOT Toolkit configuration. Where appropriate, they refer you to the *Copydot Toolkit User Guide* for more information. Changes made after the user guide was published are described in detail in these release notes.

What Is in These Release Notes?

The release notes include the following sections:

New Features—lists and describes new menu commands, options, windows, or dialog boxes that have been added to Copydot Toolkit software.

Enhancements—lists and describes improvements that were made to existing features.

Using Copydot Toolkit—provides direction to other sources of information about how to deal with typical situations or problems you may encounter.

Problems Fixed—lists problems that existed in the previous release of Copydot Toolkit that are now solved.

Known Problems and Limitations—lists issues and problems that are not yet resolved.

Conventions Used

The reference number for known problems and limitations is indicated in the left margin.

New Features

There are no new features in Copydot Toolkit 4.0c. This release fixed some known problems.

This section describes the new features in Copydot Toolkit 4.0. These features are also available in oXYgen DOT Toolkit

Registration Is Now Available As a Licensable Option

The most significant new functionality is the introduction of Registration as a licensable option. Registration is available in both the oXYgen DOT Toolkit and Copydot Toolkit Pro configurations.

The software now has three types of registration:

- Fully Automatic Registration (FAR)

  Copydot Toolkit 4.0 has an automatic registration hot folder, which receives and opens input files, automatically sets up jobs, opens the jobs in the Image Viewer window, and creates zoom files. It then registers and aligns the separations and positions the trim frame. Users approve or reject the registration and continue processing the job.

  FAR is configured on a new **Registration** tab in the Settings dialog box. You view and approve the results in the Image Viewer window.

- Semiautomatic Registration

  Semiautomatic registration is performed in the Image Viewer window. If you want to select the image features that the software will use as registration marks, you can use the new registration tools to identify the same target in two or more separations and then click the **Register** button or choose the **Register** menu command to register them.

- Manual Registration

  If you want to bring grossly out-of-register separations into approximate registration so that you can use semiautomatic registration, or if you want to fine-tune registrations that have been done automatically or semiautomatically, you can use the mouse or arrow keys in the Image Viewer window to shift or rotate the separations.

Process All File Formats or Only Those With an oXYgen DOT Tag

The purpose of this new licensable option is to differentiate between oXYgen DOT Toolkit and Copydot Toolkit. The only input that oXYgen DOT Toolkit accepts is copydot files produced by an oXYgen DOT system. Copydot Toolkit accepts input files from a wide variety of sources.

Create Templates With Your Most Commonly Used Output Settings

The Jobs window now has a **Templates** button. This button opens a new window where you can configure templates with the output settings that you use most frequently. In the oXYgen DOT Toolkit configuration, this helps you implement a Scan Once, Output Many (SOOM) workflow (that is, using a single input set to create output files for several different devices) more efficiently. It also helps save commonly-used settings.

Get Higher Quality Preview Files With Printer Preview

This feature provides a higher quality preview file to embed in layout programs for output that is going to laser printers or other continuous tone proofers.

Actions Performed Through the Transform Toolbar Now Affect Output

The rotation, mirroring, and inverting functions that you perform through the toolbar buttons or through commands in the **Edit** menu now persist through to output. Previously they were for viewing purposes only.

View Opaque Colors as Transparent

Prinergy Powerpack users whose TIFF separations appear opaque in the Image Viewer window can use the new **Opaque Colors as Transparent** feature in the Image Viewer's **View** menu to inspect traps and overprints.

LZW Is Now a Compression Option

LZW compression can now be used with TIFF files.

Enhancements

Changes in the User Interface

The Job Manager and the Image Viewer window have been modified to enhance usability and a new Output Templates window has been added. In addition, you can now customize the background colors of the windows so that you can instantly distinguish between them. You do this on the new **Toolkit** tab in the Settings dialog box.

Job Manager

You will notice these changes in the Jobs window:

- There is a new **Templates** button for accessing the new window where you configure output templates (see *Create Templates With Your Most Commonly Used Output Settings* on page 3).
- The Settings dialog box has been revised:
  - The **Resampling**, **Reformat**, and **Tonal Calibrate** tabs are now consolidated into one **Copydot** tab, which also has a box for generating blank files for missing separations.
  - The **Descreening** tab is now called **Contone/Descreening**, and has a box for generating blank files for missing separations.
  - There is a new **Registration** tab for setting up the fully automatic registration feature.
  - There is a new **Toolkit** tab for customizing the background colors of various windows.
  - The **Hot Folders** tab is not available in the oXYgen DOT Toolkit configuration.
- The **Help** feature is now accessed through a menu command rather than a toolbar button.
- The **Operation** box is now called **Output Type** and has these options:
  - **None**
  - **Contone/Descreen**

- **Copydot**
- **Placement & Preview**

- There is no longer a **Raster** tab. The boxes that were on that tab are now on the **General** tab.
- The **Place/Prev** tab now has two types of previews available: **Printer Preview** and **LoRes Preview.**
- The Scitex .e file option is now called **PS Image**.
- Scitex LW, Scitex NLW, and Scitex CT files are now called LW, NLW, and CT files.
- For jobs in `Registration` status, buttons and menu commands related to output processing are not available until registration is approved.
- The job status icons have changed:



Output Setup: This new job has never been processed.



In Progress: This job is being processed now. More than one job can have this status if you have a multiprocessor computer.



Submitted: Processing has been initiated, but the job is waiting for other jobs to finish.



Done: Processing for this job is finished.



Error: An error during processing prevented production of output files.



Aborted: The job was aborted while it was in progress.



Paused: Processing of the job was paused.

R **Registration in Progress:** The job is in the process of being registered. The job remains in this state until the user approves the registration.

Z **Zoom Files:** Zoom file creation when automatic registration is in progress.

- The following items have been moved to a new menu interface:

File	**New**	CTRL+N	Create a new document
	Clone	CTRL+E	Create a new job using the parameters of the selected job
	Revert	CTRL+V	Revert the last action
	Save	CTRL+S	Save the active document
	Remove	CTRL+R	Remove the selected job
	Destroy	CTRL+D	Destroy the selected job and all associated output files
	Exit		Quit the program
View	**Input**	CTRL+I	View the input image
	Output	CTRL+O	View the output image
	Log File	CTRL+L	View the log file with all program activity
	Toolbar	CTRL+T	Show or hide the toolbar
	Status Bar	CTRL+ B	Show or hide the status bar
Settings	**General**	CTRL+G	Modify the Copydot Toolkit global settings
	Edit Colors	CTRL+C	Edit colors in the color database
Registration	**Auto-Registration Hotfolder**		Start and stop monitoring the auto-registration hot folder.

Tools	**Delete Unreferenced Files**	CTRL+U	Delete files that were at one time used by a job (for example, zoom files, bitmap edit files, temporary output files, and autoregistration hot folder input files) but are now no longer referenced by any of the current jobs.
Help	**User Guide**		View the *Copydot Toolkit User Guide*
	Release Notes		View the *Copydot Toolkit Release Notes*
	About		Display Copydot Toolkit help information, version number, copyright, and registered options

Image Viewer Window

You will notice these changes in the Image Viewer window:

- A new Registration toolbar contains the following buttons:
  - **Create Registration Targets**
  - **Alignment Tool**
  - **Shift Sepn Tool**
  - **Pin Separation Tool**
  - **Register**
  - **Copy to all Separations**
  - **Accept Registration**
  - **Restart Registration**
- A new Registration menu contains the following commands:
  - **Register**
  - **Copy Target to all Sepns**
  - **Copy Target to Selected Sepns**
  - **Delete Target**
  - **Complete Active Match**
  - **Delete Active Match**
  - **Delete All Matches**
  - **Delete All Region Matches**
  - **Delete All Halftone Matches**
  - **Delete All Lock Point Matches**
  - **Delete Vertical Alignment Match**
  - **Reject Registration**
  - **Autosearch**
  - **Approve Registration and Save**
  - **Restart Registration**
- The Separation Manager now has **Registration** columns and Registration Status indicators. The columns show the registration status of the individual separations and the indicators show the overall registration status.
- The **Restore** button has been redesigned and is now called **Original Registration**.

- There is a new **Refresh View** button.
- You can now use keyboard shortcuts to activate or hide separations:
  - SHIFT+*n* activates and displays only the separation designated as *n*
  - CTRL+*n* activates the separation designated as *n* without hiding any other currently active separations
- The **View** menu contains three new commands:
  - **Active Sepn In Black**
  - **All Sepns in black**
  - **Opaque Colors as Transparent**

  All three enable temporary view changes that make it easier to do proofing or bitmap editing. These view changes are not applied to the final output.

  When **Active Sepn In Black** or **All Sepns in black** is selected (a check mark appears on the **View** menu beside the item), either the currently active separation or all separations will be viewed as black. Also, the color icon(s) in the **Separation Manager** is updated to black. When deselected, the separation(s) returns to its original color and the color icon on the **Separation Manager** is reset.

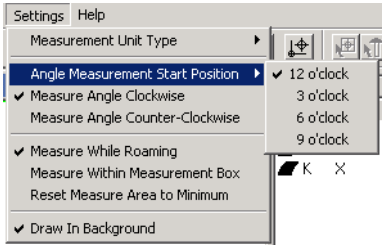
  If you change the active separation, the new separation is not automatically viewed as black.

  The **All Sepns in black** menu command overrides the **Active Sepn In Black** menu command. If you select **View>Active Sepn In Black**, and then select or deselect **View>All Sepns in black**, all separations will be viewed in their original colors.

  The **Opaque Colors as Transparent** menu command (which is selected by default) changes all opaque separations to transparent. Some versions of Prinergy Powerpack display TIFF separations as opaque, preventing operators from seeing traps and overprints. When this command is selected, opaque TIFF separations display as transparent and traps and overprints are visible.
- The alignment crosshair is now repositioned in a different place when you drag it out of view and drop it. Instead of being repositioned in the 0,0 position (upper-left corner) of the window showing the current

zoom level, it is now repositioned in the 0,0 position of the composite view (the set of separations), regardless of where you are currently viewing.

- You can now select measurement values other than inches (centimeters, millimeters, points, and picas) in the **Units** box in the Edit Active Frame dialog box.
- The **Settings** menu now has commands that let you measure screen angles from different start positions.



The screen angle measurement in the **Separation Manager** displays two values, with a 90 degree difference.

Measurement at 12 o'clock

Sepn	Show	Tint%	Ruling	Angle
C	X		154.6	14.9 (104.9)
M	X		154.7	75.1 (165.1)
Y	X		150.0	0.0 (90.0)
K	X		154.2	45.0 (135.0)

Same measurement at 3 o'clock

Sepn	Show	Tint%	Ruling	Angle
C	X		154.5	104.9 (14.9)
M	X		154.5	165.1 (75.1)
Y	X		150.0	90.0 (0.0)
K	X		154.6	135.1 (45.1)

An angle of 105 degrees, measured from the perpendicular (12 o'clock) position, will be displayed as 15 (105). Measured from the 3 o'clock position, it will be displayed as 105 (15). Since screen angle measurement is always between 0 and 180 degrees, and some programs (Prinergy, for example) measure screen angle from different start positions, the alternate angle values are provided for reference.

Changes in Job Manager Functionality

The following changes have been made to the way that the Job Manager processes jobs:

- The reformat, resample, and calibrate operations are now selected through settings rather than through a pull-down menu selection.

  To perform these operations, you now select **Copydot** in the **Output Type** box (formerly **Operation**) and set up the operation you want to perform (changing file format, resolution, and so on) through settings in the **General** tab.

- You cannot start processing until you approve registration for those jobs that are in `Registration` status.

Changes in File Format

- DCS 2 multiple is now compatible with Brisque APR (like PS Image).
- Scitex .e files are now called PS Image files.
- Scitex LW, Scitex NLW, and Scitex CT files are now called LW, NLW, and CT files.
- Eskofot input compatibility has been expanded.
- Apogee input compatibility has been expanded.

Improvements in Processing Speed

Several improvements have increased file processing speed:

- Dramatically increased output processing speeds for input files that are stripped or whole image and need a 90 degree rotation.

  For example, a 90 degree rotation on a large stripped source file that was set to generate stripped output formerly took a Pentium III 700 Mhz machine over an hour to get 25% complete, with memory usage peaking at about 1200 MB. A modified version that limited memory usage took about 90 minutes to complete, with memory usage peaking

at about 450 MB. In Copydot Toolkit 4.0, a Pentium III 500 Mhz machine took 6 minutes 11 seconds to process the same file, with memory usage peaking at 249 MB.

- A 15 to 20% improvement in the speed of generating zoom files.
- Opening files (for example, when browsing and selecting input files, starting the Image Viewer window, creating zoom files, or generating output) is now faster.

Using Copydot Toolkit

For more information about how to install, configure, and use the new features in Copydot Toolkit and its oXYgen DOT Toolkit configuration, see the following documentation. PDF files are available through the **Help** menu:

Copydot Toolkit User Guide

Quick Start: oXYgen DOT Toolkit

Troubleshooting information is also available at: https://ecentral.creo.com

Problems Fixed

This section describes problems that you may have encountered in releases 3.0c, 3.0d, or 4.0, but which work as expected in release 4.0c.

OneVision PDF files cannot be read

PR 1944

Some OneVision PDF files could not be efficiently read as they would consume a significant amount of real and virtual memory.

This now works as expected in release 4.0c.

Output templates cause reformat to PDF to fail

PR 1940

If you use a template to convert various file formats from a variety of sources to PDF, the reformatting fails without showing an error string, although sometimes it reports that it was unable to open one or more input files.

This now works as expected in release 4.0c.

CTK cannot read PCC RIP files that use ZIP (Flate) compression

PR 1928

This now works as expected, but is slow. CTK has no problems reading ZIP for other file formats (TIFF, PDF, and so on).

Composite CMYK+ TIFFs from CTK 4 fail to open in Photoshop

PR 1915

This now works as expected.

Placement & Preview Hot folder creates DCS2 single file with preview without the Hires file(s)

PR 1903

When using the Placement & Preview hot folder to create DCS2 single file output with preview, the output does not contain embedded high resolution file(s).

This now works as expected.

Opacity value of colors not saved in the color database

PR 1805 This now works as expected.

RASTLIB cannot read the PCC RIP 8-bit grayscale files

PR 1653 This now works as expected.

CMYK+ Planar Composite Contone PDF format needs overprint enabled

PR 1645 This now works as expected.

Reformat from NLW dpcm resulted in incorrect output units

PR 1460 Reformatting an input NLW file with a resolution of 944.882 dpcm to PDF gave a resolution output of 2400 dpcm instead of 2400 dpi.

This now works as expected.

Copydot Toolkit hot folders did not recognize files with the .e extension as control files

PR 1433 If you set up a hot folder configured to trigger upon receipt of a control file and then drop a Scitex .e (PS Image) file set from an EverSmart into the folder, it would wait for a control file that it recognized.

This now works as expected.

Zoom files not generated for second job when high resolution set had same high resolution file names but different content

PR 1372 Zoom files were not automatically regenerated for a new set of input files that had the same name (but different content) as another file set for which zoom files had already been created. Thus, you saw the old zoom files when viewing the new job with the new content high-resolution files.

This now works as expected.

Could not create a DCS2 single file with preview using the "Place & Prev" operation

PR 1370

It is possible to set up a job where the output files are PDF, and then switch to the Place&Prev operation. If you then selected a new set of EPS files and tried to create a Placement and/or Preview, the operation failed. This is because PDF was not supported for DCS 2 Single and the program used the PDF attribute in the output when it didn't need to.

This now works as expected.

Copydot Toolkit 3.0 crashed if set to create a Preview when performing Merging

PR 1368

If you asked Copydot Toolkit to generate a Preview in the output file for a Merge procedure, the program crashed while creating the Preview after generating the merged high-resolution file.

This now works as expected.

When re-opening an Output View, Viewer did not automatically reload zoom files

PR 1314

When you clicked the **Zoom file** button on the Viewer Output to create zoom files, and then closed and reopened the view of the output, the zoom files were not automatically reloaded.

This now works as expected.

Raster settings did not display correctly when switching between different hot folders

PR 1308

When viewing the **Output/Raster** tab on the Hotfolder job page, and switching from hot folder to hot folder, the display sometimes was incorrect.

This now works as expected.

Cropping rectangle snapped to byte boundary when moved

PR 1280

When adjusting the size of the crop rectangle in the Viewer, the left side of the frame was sometimes "snapped" to a byte boundary. A message appeared, stating that the frame had shifted by certain number of pixels. This was necessary for processing to complete properly in version 3.0 of Copydot Toolkit.

This now works as expected.

Invalid to specify RGB composite with Plane interleaving for PDF output files

PR 1243

RGB composite output with Plane interleaving was invalid for PDF.

This now works as expected.

Time consuming to crop small area during Descreen, Calibrate, Resample

PR 1222

The system performed cropping as a post-processing phase during three Toolkit operations: Resample, Calibrate, Descreen. That is, it was performed during the final Reformat phase. This was time consuming if you had a large set of input files and cropped only a small area. The optimization was to only perform the operation on the cropped area.

Cropping (along with any registration) is now done as the first stage in the output process.

Moving page frame using cursor keys didn't work correctly for some zoom levels

PR 1218

The cursor up/down/left/right keys did not move the page frame as expected when zoomed in on the 1:1 view (also at 8:1, 4:1, 2:1) and on the Preview zoom.

This now works as expected.

Zoom files displayed incorrectly for jobs using CMYK composite with spot colors

PR 1171

When zoom files were created for a composite source image with spot colors and that image was missing CMYK channels and opened in the Image Viewer, the zoom files do not display correctly.

This now works as expected.

Changes can be made to the separations and not saved to document

PR 1102

Some changes to the separations in Copydot Toolkit's **Process** section (for example, move up/down, color change) were not being saved. For example, if you made a color change to a separation, started and stopped the Image Viewer window, and then exited, the color change was not saved. In addition, the **Save** button was unavailable.

This now works as expected.

In Windows 2000, top part of image in Viewer was not always redrawn

PR 1039

When using Windows 2000 and zoomed in on a 1:1 file (that is, 2:1, 4:1, or 8:1), sometimes the top part of the view remained "gray" after the rest of the view had been redrawn.

This now works as expected.

Descreening crashed on 72 dpi input files

PR 857

Descreening crashed when you specified a very low output resolution (for example, 72 dpi).

This now works as expected.

Copydot Toolkit-generated Composite, G3, PDF caused error in Prinergy VPS output

PR 850

This now works as expected.

If PDF processing failed due to low disk space, job file was left invalid

PR 847

If there was not enough space on your C: drive (or the drive where your system TEMP directory was located) and your PDF output job ran out of space, an `Out of disk space` message appeared. However, no error was shown in Copydot Toolkit for the job and the job was left in an invalid state. When you closed and opened Copydot Toolkit, the contents of the job were empty.

Temporary PDF output is now connected to CTK temp directories.

PDF processing worked reliably only in single-processor mode

PR 831

You had to operate Copydot Toolkit in single processor mode if you were processing PDF jobs. Otherwise Copydot Toolkit potentially crashed when creating zoom files and viewing at the same time. Also, jobs on other processor(s) may have failed if one job started consuming memory at an exorbitant rate.

This now works as expected.

PDF processing may have failed if Temp directory wasn't large enough

PR 817

Intermediate PDF output was written to a temporary directory that was unconnected to the CTK temporary directories. That is, it used the system TMP or TEMP directories. Thus, you had to ensure that the directory pointed to by the system variables was big enough to hold the largest output PDF file.

This now works as expected.

"Send To" didn't work with path names from the Microsoft Explorer Network Neighborhood

PR 752

The path generated when using the 'Send To' function from Network Neighborhood was not recognized by Copydot Toolkit. This is because extra information was inserted from Explorer that was not recognizable.

For example, if the path name generated looked like:
<\\Console_rs5\outbox on Console_rs5\Tracy\LoRes\133lpi_72K.tif>

the extra information was: <on Console_rs5>

This now works as expected.

Problem processing output file names that contained periods

PR 715

If you included a period in the output file name, the output file name ended with the period, no matter what you specified after the period. For example, if you specified "Gray8.5x11TG4", the resulting file was named "Gray8.K" instead of "Gray8.5x11TG4.K".

This now works as expected.

Could not maximize the Toolkit Manager view properly on certain monitors

PR 685

After clicking the maximize button in Toolkit Manager view, the position of the window was offset by about 100 pixels from the left of the monitor.

This now works as expected.

Could not see whole Hotfolders page on 1024 x 768 video display

PR 659

Some buttons did not display unless you scrolled to the right (on video displays 1024 x 768 or less).

This now works as expected.

Toolkit could not convert RGB continuous tone images to CMYK

PR 241

This now works as expected.

Toolkit crashed if you ran out of disk space

PR 40

If the machine on which your output files were being written ran out of disk space during reformatting, descreening, or resampling, then Copydot Toolkit may have crashed.

This now works as expected.

Known Problems and Limitations

This section lists software problems and limitations that are known to exist in Copydot Toolkit (CTK) and its oXYgen DOT Toolkit configuration (OTK). In many cases, the problems may be difficult to reproduce or occur infrequently. These problems should not prevent you from using the software. Problem workarounds and recovery procedures are provided where available.

Powerpack TIFF separations appear opaque in Image Viewer

PR 1885

Copydot Toolkit 4.0 displays TIFFs from some versions of Prinergy as opaque (these TIFFs previously displayed as transparent). Opaque colors don't show traps and overprints when viewed in Copydot Toolkit.

Workaround: Use the new **Opaque Colors as Transparent** feature in the **View** menu in the Image Viewer. This feature allows Copydot Toolkit to display traps and overprints between opaque colors.

Viewer looks gray at certain zoom-levels

PR 1882

Viewer is gray when viewing composite PDF monochrome with grayscale preview and using dynamic zoom.

Workaround: Create physical zoom files when viewing composite PDF monochrome with grayscale preview.

Sometimes the separation list disappears in the Process section of the Toolkit Manager

PR 1864

Occasionally **Output Type** will show up as blank, causing the separation list to be hidden.

Workaround: Select an **Output Type** under the pull-down list. The separation list will appear again.

Pressing the negative button negatizes an area outside of the real image size in zoomed out views

PR 1832

Workaround: Do not select **LZW** as the compression method when the HiRes output is PDF. Choose either **None** or **JPEG**.

Color.ini file prevents new colors from importing correctly

PR 1804

The **color.ini** file produces colors without `*suffix` on import colors. This results in new colors being imported to show `?color*` .

Workaround:

To process the current job where some colors are ?<name>**

1. Highlight the separation, and then press the **Color** button.
2. Reassign the correct color from the database.

To rebuild your colors.ini file, you have two choices:

1. First option:
   a. Quit Copydot Toolkit.
   b. Rename the existing **colors.ini** file (to something like **colors.bak**).
   c. Restart Copydot Toolkit.
   d. Browse for the input files with the color information (**Settings>Color>Browse**). The color information is added to the database.
2. Second option (repairs the color database):
   a. Use the Settings/Colors dialog box.
   b. Delete the incorrect colors.
   c. Add the colors with the correct information.

Previews (either LoRes or Printer) with a resolution greater than the main HiRes files are not shown in the Image Viewer window

PR 1761

Printer and LoRes Previews are expected to have a smaller resolution than the resolution of the main images. In the case where the resolutions are larger, the previews are not loaded into the Image Viewer window.

Workaround: None.

Small bitmap edits disappear when zoom-out to 1:32

PR 1641

When creating bitmap edits using the eraser or pencil tool (or using the **Clean** button) and then zooming out past 1:32, it may appear that the edit is missing in the Image Viewer window. For speed purposes, the Image Viewer window does not render pixel edits past a certain level (that is, not rendered at 1:32, 1:64, 1:128, 1:512). In most cases, you would not be able to see pixel edits at these zoom levels even if they were rendered. If, however, you make a large edit (using the eraser, for example), that you would expect to see at 1:32, it will not be visible.

Workaround: None. The edits do exist and can be seen at zoomed-in views (1:16 and further zoomed-in).

Hi-Res fails to be merged at Brisque from OPI comments embedded in PDF when using PS Image and DCS from Renaissance scanner family

PR 1502

This occurs when you try to send PDFs containing OPI comments pointed toward CTK/Ren PS Image (Scitex .e) or DCS files. PS Image and DCS are traditionally APR compatible (Brisque OPI).

Workaround: None.

Position shift of high-resolution image when going through Brisque image replacement

PR 1359

The image shifts position when an OPI link file is placed into a QuarkXPress page and then printed as thin PostScript to a file which, in turn, is processed in Brisque with image replacement on.

Workaround: If possible, use APR-compatible formats instead of OPI.

During reformat, can't create Preview when output format is separated Scitex NLW

PR 1351

When creating NLW output using the Reformat operation, you cannot create a preview in a separate file.

Workaround: Reformat high-resolution files to NLW, and then use the Place/Prev operation to create the preview file.

No measurement support for line screens with unequal x and y frequencies

PR 1277

Copydot Toolkit does not support the measurement of line screens that have unequal x and y rulings.

Workaround: None.

Toolkit crashes when using SHIFT to select multiple files for zoom file creation on dual processor

PR 1246

If you hold down the SHIFT key and select multiple files for zoom file creation on a dual processor machine, Copydot Toolkit may crash sometime during the process.

Workarounds: There are several ways to deal with this problem:

- Restart Copydot Toolkit and then reselect the file for zoom file creation.
- Do not select multiple files for zoom file creation.
- On the **Advanced** tab in the Settings dialog box, change the number in the **Number of simultaneously running jobs** box to **1**.

Autoclean Tool may create artifacts if used in an area where there are large changes in tints

PR 1234

The Autoclean tool creates artifacts around the dots if used in or near an area with a large change in tint.

Workaround: Only select regions that are two halftone cells away from large tint boundaries. For problems near tint boundaries, use other bitmap editing tools.

Copydot Toolkit doesn't warn for an invalid entry to the zoom file directory pool

PR 1203

When you add a location to the zoom file directory pool (Settings dialog box>**Zoom Files** tab>**Add** button>**Enter new directory name** box>**Create New** button), Copydot Toolkit will not display an error message if you enter an invalid directory.

Workaround: None. You must enter the correct directory name and/or use the directory tree to select an existing directory.

Very large files may fail when being processed across a network

PR 1181

Under some network conditions, very large files (2 GB or more) may fail with various errors including `Reading failed`, `An unexpected network error`, `Hardware I/ O error`, and `Unknown error`. Very long latencies may occur on some networks, and Copydot Toolkit times out before completion.

Workaround: Try writing the job on a local hard drive.

Revert button does not change last setting

PR 1157

The **Revert** button is being updated and has been disabled in this release.

Workaround: None.

Clean tool cannot clean line screens at 99% tint

PR 1153

As you get to the 99% and 1% tones, the autoclean tool is not able to clean the area as well as at other tint percentages.

Workaround: None. You must clean up 99% or 1% tints with other edit tools.

RastFileInfo labels OPI files as whatever it is pointing to (DCS, PS Image, and so on)

PR 1137

In RastFileInfo, if the OPI file is pointing to a DCS file, the OPI file is called a DCS file. If the file it is pointing to is a PS Image file, the OPI file is called a PS Image file. If the file it is pointing to is a .TIF composite, it is called a tiff composite file. In the last case, even though the OPI file has a preview in it, it isn't indicated.

Workaround: None.

If "Default" color is "Set as Default", Copydot Toolkit allows illegal reformat TIFF CMYK operation and generates incorrect DCS file

PR 1100

The illegal reformat TIFF CMYK operation only occurs if the color named "Default" is selected using the **Set as Default** button in the Edit Colors dialog box. If any other spot color is selected for the default, the illegal reformat TIFF CMYK operation is not allowed (only TIFF CMYK+ is allowed if a spot color is the default).

Copydot Toolkit does not support Adobe Photoshop 5.5 preview format

PR 1079

Copydot ToolKit does not read Adobe Photoshop 5.5 preview images that are generated using an “Indexed” RGB format.

Workaround: There is no direct workaround for reading Adobe Photoshop 5.5 preview images, as it does not have an option to generate RGB preview images instead. However, if a preview is required, you can use Copydot Toolkit to generate one directly from the high-resolution image. If a preview is needed in Copydot Toolkit for manipulation, you can use zoom files instead.

Copydot Toolkit cannot open a PDF2GO generated by Brisque

PR 1074

Copydot Toolkit cannot currently open files originating from a PDF2Go in Brisque.

Workaround: None.

TIFF, TIFF-IT/LW, Scitex NLW high-resolution files do not preserve page frame crop/bleed information

PR 1056

Workaround: None

Upon starting Copydot Toolkit for the first time, you may get a message stating that the log file cannot be opened

PR 1037

After a fresh install on a Windows 2000 machine, a message may appear, stating that the log file cannot be opened when starting Copydot Toolkit.

Workaround: None. Copydot Toolkit will create a new log if it can't find the one it is expecting.

Copydot Toolkit does not support different X-Y resolutions

PR 1027

Copydot Toolkit does not support input files where the X resolution is different from the Y resolution.

Workaround: None. Input files will be treated as if the resolutions are the same as the X resolution.

Hot folders do not work on non-SMB published network volumes.

PR 893

SMB shares are created by Windows and SAMBA server sharing from UNIX. SMB stands for Server Message Block, and is the standard method used in Windows file sharing. Variations of SMB include: CIFS, NT LM, SAMBA, Microsoft Networking. SMB shares work in Copydot Toolkit. Any other type of shares do not properly update Windows file lists, which causes hot folders to fail.

Workaround: None.

Line screen results are erratic (with small tool area and for low lpi's)

PR 787

When measuring line screen or angle, the variations in the result are significant when the rectangle is small. The line screen detection currently is only valid for line screens between 50 lpi and 260 lpi. The minimum size for the area to be processed is a 64 x 64 block of pixels.

Workaround: Draw out a larger rectangle when measuring screen angle or line screen.

EPS whole image files do not process properly during creation of zoom files

PR 753

The last partial strip of ASCII hex-encoded EPS whole image files does not decode correctly on the second and successive times for an open raster file, returning an error on the last strip.

Workaround: This occurs in zoom file creation and viewing of these types of files. These input files also are only generated by Adobe Photoshop using ASCII hex encoding for EPS output. For Adobe Photoshop files to be used in Toolkit, generate the output files using binary output to avoid the problem.

Copydot Toolkit processing slows down after several hours of heavy use

PR 734

Copydot Toolkit may slow down its processing speed after several hours of heavy use. This slowdown has been reported on a quad processor machine.

Workaround: Restart the workstation if Copydot Toolkit slows right down. For example, if the CPU utilization goes to zero. After restarting, Copydot Toolkit should resume normal processing speed.

Copydot Toolkit hangs for a minute when creating a hot folder job on a quad processor machine

PR 729

Copydot Toolkit may hang for up to a minute while creating hot folder jobs on a quad processor machine.

Workaround: None.

Composite Files and Color Space change

PR 687

Composite EPS files generated by Copydot Toolkit obscure underlying color files where they overlap, which causes a problem for non-Harlequin RIPs.

Workaround: None.

Settings/preview preference never shows up on output/preview page

PR 661

CMYK preview preferences are not picked up on any of the operations.

Workaround: None.

Adobe PageMaker cannot process CTK DCS Single files properly

PR 573

Adobe PageMaker cannot parse DCS Single file high-resolution data properly; an `Offending command` occurs at the RIP. This may be a problem specific to Adobe PageMaker (on both Macintosh and IBM platforms) as Creo's DCS Single files work in other popular prepress programs.

Workaround: None.

Calibration curve default selection for spot color separation is black

PR 477

If the calibration curve setting is a CMYK curve set—which is a valid default when most jobs are CMYK—and a job is created with spot color input, the black calibration curve from the CMYK curve set is automatically selected for the spot color.

Workaround: You must select the single curve specifically for the spot color.

Toolkit does not support files larger than 2 GB

PR443

Output files larger than 2 GB cannot be generated.

Workaround: Decrease the output file scaling factor (size) or resolution, or use compression other than **None**.

CTK installer automatically associates TIFF and EPS files as Copydot Toolkit files

PR 418

Copydot Toolkit installation automatically associates .tif, .eps, .C, .M, .Y, .K files on your system as CTK files.

Workaround: To remove the association, you must reassociate these types of files with programs other than Copydot Toolkit.

HotFolders feature does not support multi-version output (CMY+k1, +k2, +k3, and so on)

PR 384

The Renaissance scanner generates only one set of CMY for all possible output versions (CMYk1, CMYk2, CMYk3, and so on). The CMY + k's are written to one output directory, and the CMYK high-resolution images are used over and over again during OPI replacement when generating plates for the various output sets. The HotFolder operation, however, will grab the CMY + k1 and move these separations to the claimed directory to process the first package. Subsequent packages (CMYk2, CMYk3, and so on) will not be processed because no CMY is available.

Workaround: None. Processing multi-version output must be done manually through Copydot Toolkit without using the HotFolders feature.

Uncompressed, whole-image EPS output files appear inverted in Adobe Photoshop

PR 329

Uncompressed, whole-image EPS copydot output files generated by Copydot Toolkit appear inverted when displayed in Adobe Photoshop. This is because Copydot Toolkit stores copydot image data using 0 bits to indicate white areas (no ink), whereas Adobe Photoshop expects 0 bits to indicate black areas (ink). Note that these output files are correctly interpreted by a RIP, as PostScript in the file tells the RIP to perform an inversion to generate correct output.

Workaround: Uncompressed, whole-image EPS copydot output files can be inverted within Adobe Photoshop and stored as another EPS file. The disadvantage of this is that a lot of information in the original EPS file is not preserved when Adobe Photoshop writes out its EPS output. This includes tonal calibration, bleed/crop, color information, and so on.

Some files left behind in the input directory of the hot folder

PR 227

The hot folder recognizes either placement files or composite files as the trigger to begin processing the input set. If you have extra files, such as an extra OPI link file (in addition to the CMYK+DCS file), the extra file is left in the **Hotfolder** directory. That is, the DCS file plus the high-resolution files that it points to are moved to the claimed folder (and processed as specified in the model hot folder job), but the extra file (such as the OPI link or separate TIFF preview file) is left in the monitored hot folder and must be cleaned up manually.

Workaround: If you must have the extra files for downstream processing, the best thing to do is to make a final stage of the hot folder chain generate the extra files. That is, if the input set is a CMYK + DCS File + TIFF preview in a separate file, and you want to descreen the input to contone and keep the input files for platemaking, create two hot folders—the first to descreen the input jobs and the second to reformat the input (to the same output) and recreate the separated TIFF preview. You also need to remove the orphaned files in the monitored directory manually. Alternatively, you can manually move the orphaned files to the final destination directory.

Cannot pan Image Viewer window when Image Info dialog box is open

PR 175

In the Image Viewer window, updates sometimes appear to be "lost", such as the mouse-move updates when panning the view. This problem occurs when the Toolkit Manager view has a modeless dialog box open (for example, the Image Info dialog box is open, but the user switches to use the Image Viewer window without closing the dialog box).

Workaround: Close any open dialog boxes on the Toolkit Manager view to allow proper updating to resume in the Image Viewer window. These types of dialogs include: the Zoom Files dialog, the Info dialog, the Settings dialog, the About Box dialog.

Separated descreened output includes CMYK files, even if there is no CMYK in the job

PR 139

Cyan, magenta, yellow, and black files are created regardless of whether there are CMYK channels in the input set. For example, if you have a job with four spot colors only and you descreen to separated output (CMYK+, TIFF, or EPS), you will get eight output separations in your output job folder: C, M, Y, K, S1, S2, S3, S4. The process color separations are empty (blank).

Workaround: None. Simply delete the unneeded files.

Send To function may not work if network is slow

PR 124

Copydot Toolkit lets you use the Send To function in Windows NT Explorer to view images and open jobs and zoom files (see *Chapter 14* of the *Copydot User Guide*). However, if your files are not local to the machine where Copydot Toolkit is installed and if network speed is slow, the Send To function may not work. When you use the Send To feature under these conditions, a job will be created but no separations will be listed in the Toolkit Manager view, and the Image Viewer window will not display any image (that is, it will be blank).

Workaround: You cannot use the Send To feature, but you can drag and drop the file from Windows NT Explorer to the Job Name Listing on the left side of the Toolkit Manager view. This will automatically create a job name, extract the separations, and start the Image Viewer window.

Adobe Photoshop cannot read Toolkit-generated DCS/EPS contone output

PR 113

Adobe Photoshop does not support multichannel 1 bpc images. Consequently, it will not recognize DCS 1 or 2 placement files pointing to 1 bpc images.

Similarly, although Adobe Photoshop 5.0 supports the DCS file format for contone data, it will not read the multifile contone DCS/EPS output generated by Copydot Toolkit. This is because Adobe Photoshop expects some additional PostScript in the control file. It is not necessarily a part of the DCS control file and, therefore, is not present in the DCS/EPS file generated by Copydot Toolkit. Copydot Toolkit can read DCS/EPS contone files generated by Adobe Photoshop 5.0.

Workaround: The separated multi-file contone DCS/EPS output from Copydot Toolkit must contain noncompressed image data in whole-image format. Choose the following output settings on the **General** tab in the **Output** section of Copydot Toolkit:

In this box...	Make this selection...
File Generation	**Composite**
File Format	**Postscript EPS**
Compression	**None**
Interleave	**Line**
Image Format	**Whole Image**

Adobe Photoshop also has an inverted photometric interpretation. Images imported into Adobe Photoshop need to be inverted. Follow the procedure below when importing images into Adobe Photoshop.

To import the data into Adobe Photoshop 4.0 or 5.0:

1. Open each of the contone EPS separations in Adobe Photoshop as **Photoshop EPS** file format.
2. After importing each separation, invert the separation in Adobe Photoshop by selecting **Image**>**Adjust**>**Invert**.
3. Use the Adobe Photoshop Merge Channel function to merge the separations.
4. Continue processing in Adobe Photoshop as you would a normal contone image.

Zoom file creation appears to stop

PR 103

While zoom files are being created, Copydot Toolkit occasionally stops updating the progress bar for a long period of time and it appears as if zoom file creation has frozen. Then suddenly, the progress bar jumps to 100% complete and zoom file creation is finished.

Workaround: None.

Cannot reassign color for spot colors in composite input files

PR 73

There are seven special colors in Copydot Toolkit which are always present: cyan, magenta, yellow, black, red, green, and blue. You cannot change the characteristics of these colors in Copydot Toolkit. Copydot Toolkit doesn't let you reassign the special colors when you load in a composite file.

If, for example, you have a composite TIFF file with six separations—C, M, Y, K, Spot1, Comments "None", and Spot2—Copydot Toolkit does not let you reassign the colors on the C, M, Y, and K separations. Copydot Toolkit, however, does let you reassign colors for the spot colors, unless you have set your default color to be one of the special colors. Thus, you should not use one of the special colors as your default color.

Workaround:

1. Go to the Colors dialog box.
2. Select a non-special color.
3. Select **Set As Default**.
4. Reload the separations for the problem composite job.

From now on, the non-special color will be assigned to unknown colors and you will be able to re-assign the color for the spots.