

ColorBurst RIP 5.7.1

What's New in Version 5.7.1?

- Fixed a problem where embedded ICC Profiles in some RGB images were not being referenced.

What's New in Version 5.7?

- Implemented the latest version of the PostScript engine. This fixes numerous problems with transparency, QuarkXPress grayscale images, and provides full PDF 1.6 support.
- Implemented a fix for numerous USB printing issues with Leopard.
- Greatly enhanced the processing speed of the RIP when running on PowerPC (G4 and G5) processors.
- Added support for printing to the Epson Stylus® Pro 11880 using the HTM PlugIns.
- Fixed an issue where certain multipage PostScript jobs were appearing in the RIP having only 1 page.

What's New in Version 5.6.3?

- Fixed a crash that occurred when setting the background tint color. This problem occurred infrequently and sporadically prior to CS3 files. With CS3 files, this problem occurs much more often. This has now been fixed.

What's New in Version 5.6.2?

- Under Leopard, Photoshop CS3 files printed to ColorBurst with a rotation contained conflicting page size data. This would cause the job to appear in the RIP with the wrong orientation of the dimensions and the job to be cutoff when printed. This has been fixed.
- Increased the buffer size when reading a PostScript file. With certain InDesign files (and occasionally others) it was possible to miss page size information causing the job to appear in the RIP with the wrong orientation of the dimensions. This would cause the job to be cutoff when printed. This has been fixed.
- Dimmed the default orientation within the preferences. This setting can conflict with the Auto Rotate command as well as the File Attributes orientation command. This feature was added prior to the Auto Rotate feature and could be in conflict (with respect to precedence) with the Auto Rotate. So, this feature will be completely removed in a future version.

What's New in Version 5.6.1?

- Reduced the target ink limiting value when building new ICC Profiles for Environments.

What's New in Version 5.6?

- Fixed problems preventing the RIP from working properly when run with Leopard (10.5).
- Fixed several crashing bugs.
- Fixed a problem in the LPD where files with high-ASCII characters (such as ü) were not appearing with a name.
- Within the Printer Model popup menu in the Add Printer dialog, menu items are now dimmed (unavailable) if a corresponding Environment is not installed. This should prevent users from choosing one printer when they intend to choose another. For example one may choose the Epson Stylus Pro 4880 when they intended to choose the Epson Stylus Pro 4800 since the names are so similar. When the incorrect printer is chosen, users report that there are no Environments in the Environment popup at the top of the main window, and they get a dialog informing them there are missing ICC Profiles. This feature should eliminate this problem.
- Changed the string within the About Box to reflect that large is now 64 inches wide.

What's New in Version 5.5.4?

- Fixed a problem when printing from a landscape-oriented document.

What's New in Version 5.5.3?

- Fixed a problem where PostScript documents (such as ones printed to the RIP from client machines) would show incorrect dimensions and therefore could not be centered correctly.

What's New in Version 5.5.2?

- Fixed a problem where some custom Environments were not opening with the correct resolution. This could have resulted in incorrect prints (lighter or darker than usual or perhaps stretched in some fashion).

What's New in Version 5.5.1?

- Fixed a problem where printer models in the Add Printer popup menu were being dimmed in a seemingly random pattern. This was caused by the reordering of this menu. The code to dim/undim individual items was not updated to reflect the new menu item positions.

What's New in Version 5.5?

- This version is now Universal. It is 32-bit native for the G4 and G5 computers as well as all Intel Mac computers. On an Intel Mac it no longer runs with Rosetta and is therefore much faster.
- Significantly improved the memory map of the application. Worst-case scenarios such as extremely large files needing rotation are now handled SIGNIFICANTLY faster. It will also perform better on multi-processor computers.
- Added support for the Epson Stylus® Pro 4880, 7880, 9880 and 11880 printers.
- Implemented a fix for the Adobe CS3 page size problem. On Intel Macs, images printed from the CS3 products appeared as 8.5 x 11 inches when they were not this dimension. This has now been fixed.
- Added the Lightness Linearization method.

- Added additional job information for Epson's EDM Tracking System. We now add the job name, host name, and user name to each file sent to each Epson printer. This way when printer queries are made (using the EDM system) the results are more meaningful.
- Starting with this version (5.5) the minimum system requirement is now 10.4. Changes were made to create the Universal (PPC and Intel) version some of which required 10.4 or newer.
- Changed the add printers popup menu to account for name changes for the Epson printers.
- Altered the product code for activations so that users can have another 15-day demo period even if they had already demoed version 5.x.
- The printer non-response time has been extended to 5 minutes. Some printers can perform lengthy cleaning cycles so this had to be adjusted.
- Added a small amount of slop to the calculation for image too wide. This way if an image is over the maximum width for the printer (by a small margin) it will no longer appear with a status of Image Too Wide. There were cases such as scaling or unit conversion where this was a problem.
- Fixed a problem where Log file entries were not made when using the 'RIP Then Print' or 'RIP Only' modes.
- Fixed a problem where prints made to an Epson Stylus® Pro 7600 and 9600 were not centering correctly.
- Changed the color of the yellow Linearization plot to be easier to read. It's now a golden yellow rather than a pure yellow color.

Version History:

Version 5.1

- Implemented Adobe's Black Point Compensation when running on Mac OS X 10.4 or newer. Within the Input Profiles tab of the Ink & Color Settings dialog you can enable or disable Black Point Compensation (BPC) for RGB, CMYK or Grayscale images.
- Fixed a problem where the Input RGB Profile popup could not choose the first menu item (this is usually AdobeRGB1998).

Version 5.0.3

- Added a slider to allow users to view and (if necessary) control the ink levels within the Ink Limit Tab of the Ink and Color Settings dialog. This fixed a problem where users could not achieve the optimal ink limit value under certain circumstances.

Version 5.0.2

- Fixed a crashing bug with version checking on the XProof 3800 version.
- Fixed a problem where users with XProof 3800 versions were unable to register the product.

Version 5.0.1

- Fixed a problem where changes to the light ink curves was not retained even though the OK button was pressed in the Ink & Color Settings dialog.

Version 5.0

- Implemented support for the Epson SP3800 printer.
- The XProof Plus product was created. This product has the ability to add Job Titles, Color Bars and trim lines to each job as it prints. See individual descriptions below for details
- Implemented the latest version of the PostScript engine. This fixes numerous problems with transparency, DeviceN, and provides full PDF 1.5 support.
- Added Job Titles and Color Bars (both PrintCertification and Proofing Color Bars) which will print with the main job with options as specified by the user. For the PrintCertification target, you have the choice between the Eye-One and Pulse targets. For the Proofing Color Bar, you have the ability to choose between the ColorBurst RIP Proofing Color Bar or any color bar of your choosing as long as the file is not more than one page.
- Added trim lines. Cutting on the trim line will yield images the correct height. This becomes necessary for roll printing when job titles, color bars or PrintCertification targets (aka peripheral jobs) are added to the print. For example, if the print is supposed to be 10 inches tall and all three peripheral jobs are enabled, you would have to use a ruler to measure where the peripheral jobs ended and the image began. Trim lines prints a thin gray dashed line to indicate these boundaries at both the top and bottom.
- Added a Spot Color List. Users can now specify names and either CMYK or Lab components for colors. When processing an image that uses one of these colors, the CMYK representation (or Lab->CMYK conversion) will be automatically substituted.
- Added messages to the Log File to indicate unique encounters with Pantone Colors or other spot colors.
- Added a preference option to determine whether the RIP opens with RIP On or RIP Off initially chosen. By default the RIP will start with RIP Off chosen, but users could elect to have the RIP start with RIP On initially chosen.
- Added Expert Mode to the Preferences. With this checked, the Printer Settings dialog shows all available controls.
- Added a Lab Linearization method. For relinearizations you MUST use the same method that was used to build the ICC Profile. However when building a new profile you now have a choice of methods.
- Added support for files containing image masks.
- Implemented quitting by the dock and the application switcher (command-tab).
- A version check has been implemented both as a menu item in the Help menu and as a periodic task which can be controlled in the General pane of the preferences.

- Improved AutoSpot algorithm.
- Added the X-Rite iO and iSis to the Linearization Target popup. Also renamed items in this popup to reflect the X-Rite name.
- Added the X-Rite iO and iSis to the PrintCertification Target popups. Also renamed items in this popup to reflect the X-Rite name.
- The Ink & Color Settings dialog was completely redesigned.
- Added a product serial number (in lieu of a dongle id) to the about box.
- Fixed a problem where files containing high-byte characters (such as 'ä') would not print. This has now been fixed.
- Found slight differences in color management between the ColorBurst RIP and Photoshop. This has been fixed and the RIP now yields results that are exact to Photoshop. A slight speed improvement was also made as part of this fix.
- When a Linearization Target is printed using the Print Linearization Target button, the linearization, ink limiting and ICC correction are all disabled. Formerly only the linearization and ICC correction were disabled.
- Within the Edit Printer Setups Dialog if you changed printer locations (from printer 1 to printer 2 for example) the text displayed for Connection and Printer Type would display data from prior to the change. The data were changed, but the display was not updating properly. This has been fixed.
- Files printed to the RIP will now have their names appended with ".ps" in order to differentiate them from the original file. Users would occasionally overwrite their original files by dragging the file from the RIP to the Finder.
- Printing Lab TIFFs with multiple copies would only print the first copy. This has now been fixed.
- Fixed a problem where if an alias within the preference file could not be resolved (which could occur if the preferences were brought over from another machine) the application would quit just after the splash screen was shown. [Note about alias'. There are NORMAL cases where the alias cannot be resolved. Suppose I run the RIP on Mac1 and it creates a preference file for that machine. If I were to copy the entire RIP folder to another machine (call it Mac2) the paths (stored in the alias) would be different. Most likely the name of the main hard drive would be different and therefore invalidate the path. So it is APPROPRIATE for an error to be thrown. When this error occurs, I need to take appropriate action - creating a new preference file or moving RIP Support files to the Error Folder.
- Removed the ability to choose a screening method. The High Speed option was not being used so the popup was removed. The RIP will now only use the High Quality option.
- Implemented a MedialD roll versus sheet fix.
- Removed the preference option for converting PANTONE Colors to process before correction. This was necessary when processing files with transparencies with previous versions of the PostScript engine. Now that Jaws has much better support for transparent colors, this option was no longer necessary and therefore was removed.
- Fixed an obscure problem involving dragging files from the RIP under certain circumstances. If the file name contained at least one high-ASCII character and a file with that same name existed in the destination location, the application should have recognized a duplicate file and given the user a dialog allowing them to choose whether to replace the file or cancel the drag. Due to a problem with high-ASCII characters the file was initially classified as having a unique name. However the subsequent copy would fail since the file name was NOT unique. This has been fixed.
- Within PrintCertification a problem was fixed where the chosen Delta E method was appearing differently within ColorBurst and SpectralVision Pro.
- If there are no PrintCertification Reference files, the 'Use PrintCertification' checkbox within the PrintCertification tab of the Ink & Color Settings dialog is now dimmed.
- Files printed to the RIP will now have the names parsed to check for a colon ":" character. QuarkXPress 7.x uses a colon to separate the file name from a page within that file (ex. FileName : Page1). However this is an illegal character on the Mac. So when users would drag a file from the RIP to the Finder, there would be an error. I now replace any colon characters with dash "-" characters.
- If the units was set to something to other than inches and the preference file was deleted, the dimensions column would display incorrect values until the preferred units was changed again. This has been fixed.
- Made the dimensions column wider to accommodate large values (such as when the preferred unit is millimeters).
- Lengthened the printer popup within the Add Printer dialog to accommodate the Epson SP10000 and SP10600 printers.
- Numerous other small bug fixes.

Website:

<http://www.colorburstrip.com>

Email (ensure the email subject begins with 'ColorBurst RIP'):

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