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Release document: Black Magic Version 2.3
MegaRIP Version 3.3

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Overview

This document details the changes that have been implemented since V2.2.01 This includes new features and bugs fixed. New features will give an explanation on functionality and operation where applicable. This version is Windows 2000 compliant.

Details

- The TIFF Based RIP input filter has added intelligence to detect different filenames and colours. These include the following:
 - ◆ If the filename had .r.tif then it was recognised as black – now sees it as red
 - ◆ Added .B.tif as black plate
 - ◆ Added _C.tif _M.tif _Y.tif _K.tif as plate names
 - ◆ Added support for filenames ending in .C .M .Y .K as tif plate names
 - ◆ Added support for the Barco FastRIP/FlexRIP naming convention
 - ◆ Added support for the Harlequin TIFF naming convention. Where plates were named as jobnameC0.tif, M0.tif, Y0.tif K0.tif (sometimes as 00 for page number)
 - ◆ Added _colourname support
 - ◆ Added support for Dutch Newspaper naming convention.
 - ◆ Added support for New York Times naming convention.
- Added checking for filesize in drop folders. A file would sometimes be spooled before it had finished writing for large files and slow ftp connections.
- Fixed JPEG input filter where it would render jobs inverted.
- Fixed tiff input filter where it would crash if processing an image that included masking information.
- Improved the small photoret driver to add support for multiple dot sizes and different printing modes. Also improved the speed.
- Fixed a problem with the Epson 3000 where it would feed 2 sheets of paper if outputting a full sized job.

- Fixed the PCL5 driver where the customise button in the control panel gui would show CCRF options instead of PCL5 options.
- Added PCL6 driver for the monochrome HP laser printers. Ie.2100 etc. This includes support for duplexing.
- Added single bit separated tiff output format. This has 3 compression types, Packbits, CCITTG3 and CCITTG4.
- Added PCC input filter. (V1.0)
- Added autopause delay in the control panel/printers. This feature pauses the printer queue for a user determined amount of time before re-enabling it again. Useful for double sided proofers.
- Added support for monitor ICC profiles from Adobe Photoshop. These profiles can include a LUT for gamma correction.
- Fixed the Harlequin, Tiff, Pack16, and Celix input filters where it would crash if using Virtual Press to stitch plates together that were different sizes.
- Fixed a bug in RAMpage input filter where it would give a decompression error for large imposed jobs.
- Added separated single bit PostScript output format. (copydot)
- Added 400dpi resolution to the Roland Print driver to support the Seiko Inkjet which uses the same driver.
- Added 'Super B' papersize to the HP 1120/2500 driver. This is like the A3 Extra to allow full A3 pages with crops to be printed.
- Krause input filter now handles page number and plate number correctly.
- All lists for RIPs, destinations, Printers etc. now appear in alphabetical order.
- Fixed a bug with tiling and de-imposition where the pagesetup custom data was not being passed to the printer driver correctly resulting in incorrect page sizes of the job.
- Added input filter for both separated PostScript (Copydot) and EPS files. These can be screened or unscreened.
- Added grayscale support for the to the Roland HiFi Jet driver.
- Added Hexachrome (Orange and Green as the 5th and 6th colour) support to the Roland driver.
- Added a customisable link to the html driver. This allows the user to enter a link that appears at the bottom of the html after generation.
- Improved the performance of the processing when using an ICC profile. This can be up to twice as fast.
- Fixed 16 pass (photo) mode in the Roland HiFiJet driver.
- Fixed a bug in the Scitex Brisque input filter where the server would crash if the markers directory path was empty in the rips/customise field.
- Fixed a bug where Celix jobs would not work with Virtual Press.
- Fixed a problem where some harlequin files would give a decompression error.
- Made all lists (like the printers and rips lists) key letter searchable. Select an item from the list and press a letter and the selection jumps to that letter (or the one closest if it does not exist).
- Added Pantone and Toyo colour recognition to the Tiff Based RIP input filter.
- Fixed a bug where the RIP would error when processing PDF files produced in Acrobat 4.
- Added support to the PostScript input filter for HiFi ColourBlind targets to allow for correct calibration of Hexachrome (orange and green) colours using ColourBlind.
- Added stochastic fast screening mode which improves speed of stochastic screening with minimal degradation of output quality.
- Allow for both backspace and delete key for deletion of points in the gradation editor. This is mostly for Mac G4 keyboards as they do not have a delete key.
- Added maximum number of jobs to the nesting queue. This means that the user can define the number of pages that make up a nest. If the other nesting criteria is matched first then it will nest with whatever pages are available, but no more than the specified number of pages per nest.
- Added number of copies to the to print when autoproofing is enabled. This allows the user to specify how many copies are printed to the pagesetup selected in the autoproof section of the rips control.

- Changed the PDF input filter so that the input name of the file is used for the jobname if it cannot work it out from the PDF file. Some PDF generators do not put the name in the file.
- Changes the autoproof message so that the name of the pagesetup is shown in the log server window rather than key/id as it was in the previous versions.
- Fixed date parsing for large files on the Mac so they are displayed properly. The file size used to run into the date. Also, now get the year instead of time for files that are more than 6 months old.
- Added supercell PostScript Level 3 halftone screening.
- Added memory management to the control panel under system tab. This allows for the configuration of the maximum amount of memory the rip will use for processing a job and is displayed in megabytes. If 0 is entered (default) then 32MB is used. Increasing this value improves performance especially for rotating. However, this is at the detriment of any other program that might be using memory.
- Improved performance of drop folders if the destination/spool folder is in the same drive as the input folder.
- Added a brightness control. This can be found in the control panel/pagesetup under the effects. This causes the overall density of the output to increase or decrease by a certain amount. All plates are adjusted evenly to produce an output that looks lighter or heavier in ink density. To operate, select the end of the dial and drag to the desired position. Fine control can be achieved by using the left and right arrow keys while the dial is selected.
- Fixed the Scitex Brisque polling where it see a plate called Black Type as a Black instead of a special. If there was already a black plate it would discard one of them.
- Improved the quality of output of the Epson 9000 when using six colours.
- Added support for the Celebra Plus imposed jobs. (V1.0)
- Added support for windows 2000.
- Changed the label in control panel/pagesetup/fit method from imposition to de-imposition. The functionality has not changed but the name makes more sense.
- Changed the rips so when agent is selected the ftp details are now hidden as they are irrelevant.