

Serendipity Blackmagic

Version 3.1 Overview..



New features include:

- **3D FlipBook Proofing Technology**
 - Multiple High Resolution Viewing Surfaces
 - Export as PDF Reader Spreads
 - Export as Quicktime Movie
- **Soft Proofing Functions with added:**
 - Simultaneous Duplex Soft Proofing (Sheet & Web)
 - Replace Colour Sets & Dot Gain
 - Background Colour
- **Soft Proofing Techniques for**
 - Web-Offset using 'Alley'/Grid Sections
- **Transparency Control (Proofing White)**
- **Floating High Resolution Loupe**
- **Cropping Tool**
- **Support for new X-Rite Spectrophotometres**
- **Epson, Canon, HP & Roland Drivers**
- **Signature Editor Functionality**
- **Render Thumbnail Option**
- **USB Driver for Windows**
- **Enhanced Nesting with Auto Rotation**



And More...

Serendipity Blackmagic

FOR IMMEDIATE RELEASE

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Serendipity Blackmagic V3.1 released

Sydney, Australia - 12th August 2005 - Serendipity Software are pleased to announce the latest release of their flagship product Serendipity Blackmagic version 3.1. This update offers a host of new and improved features including a 3D FlipBook which allows complete publications to be viewed in page sequence in a virtual book. Coming from imposed signatures and de-imposing them into a viewable book on screen it makes it easy to identify simple imposition errors or missing pages without the need to generate double sided form proofs. Viewing can be done as single pages or alley sections showing either side of a web for fast soft proofing. The books can be exported to PDF as single pages or reader spreads or a QuickTime movie for remote viewing.

The SoftProof tool has been enhanced for more convenient viewing of publications as full page previews with a publication navigator displaying thumbnails of the pages. A simple click loads the full resolution version into the viewer for a more detailed look and for closer scrutiny the virtual loupe tool can be used to magnify an area. In the SoftProof application, plates can be reordered, turned on or off and a paper background selected for better proofing simulation. Area's can also be cropped and re-submitted for processing. There is also a MonitorCalibrator tool for creating an ICC profile of the monitor for accurate viewing of colour swatches and soft proofs.

The latest release of printers from Epson, HP, Roland and Canon are also supported.

For a full list of features see the website at www.serendipity-software.com.au

Version 3.1 NEW Features

3D FlipBook Proofing Technology

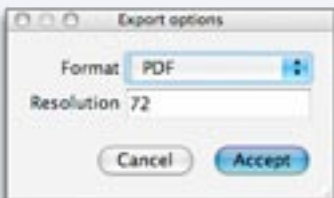
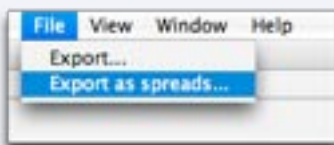


Serendipity Blackmagic's new 3D FlipBook Technology allows the end user to compile and view a Virtual publication in the correct page sequence. This new technology allows the end user to quickly see a colour accurate final imposed job, without performing a duplex "Form Proof", saving considerable time, labour and materials.

The collation of the publication is derived from imposition templates used to impose the job. The user can also stop at any page with the option to display the complete rendered page. The individual separation channels can be turned on and off to check Page Number, Grips, Spreads, Black overprint issues etc

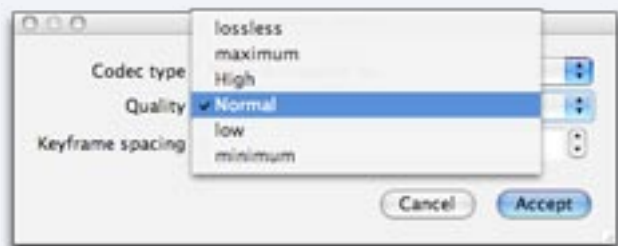
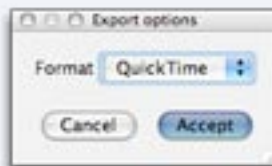
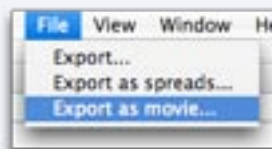
Export as Reader Spreads

Once complete, the publication can be exported as Reader Spreads in PDF format with user defined resolution and compression ratios. The following images show how easy it is to produce PDF reader spreads:



Export as Quicktime

In addition the user can elect to export the publication as a Quick Time Movie. Once exported, the movie will display the publication animating page by page.



Version 3.1 NEW Features Cont...

Multiple High Resolution Surfaces For Soft Proofing



Serendipity Blackmagic's new Soft Proofing Technology allows the end user to view multiple pages or signature sections on the monitor simultaneously. A gallery of the pages is displayed at the bottom of the window allowing the user to instantly view thumbnails of the other deimposed pages within the signature. A simple click on the desired page number will then display the imaged or rendered preview. The user can scale the image to suit the screen, then call a floating loupe that provides closer examination of critical areas. The individual separations can be turned on and off to check trapping, overprint etc. The background paper colour selection can be created or selected to simulate the printing stock.



This thumbnail shows a 4 page work and turn section.

Version 3.1 NEW Features Cont...

Soft Proofing Functions, Identify Problems Efficiently



Final 4 Colour Soft Proof (Prior to Checking)

Spot the Pre-Press Errors in the 3 colour preview of the front page below.....

Final 3 Colour Soft Proof (Post Checking) - For Black Overprint

At the click of a button the user can toggle individual separations using the 'Channels' window to identify simple problems such as black overprint.



Version 3.1 NEW Features Cont...

Soft Proofing for Traditional 8UP Sheet Fed



This image illustrates a traditional 8UP sheet fed spread that has been deimposed into two alley sections.

The rendered navigator window shows the displayed alley section containing two pairs of pages. The red bounding box is easily moved up and down to display the alley in imaged or rendered resolutions.



Version 3.1 NEW Features cont...

Soft Proofing Techniques for Web Offset: 16P, 32P, 64P

On Press Colour Accurate Soft Proofing

Utilising the same imposition signatures, the user can sort the vertical sections of the imposed job, so they can be displayed quickly and efficiently on screen. The floating rendered window is easily adjusted to display the next page within the vertical "Alley".

Front Side



Back Side



The red alley sections represent the two navigator windows.

Navigator Windows



Front Side
of the Web

Back Side
of the Web

Front Side

Back Side



This image shows two soft proofing windows that are displaying two different alley sections of both sides of a web offset or sheet fed perfecting press.

Server Based On Press Proofing

As Blackmagic is a server based solution with unlimited clients, the user can run multiple clients on different presses at the same time. The user can also maximise the working surface of the screen by running two monitors at the same time.

Depending of the press and page size configuration, the user can deimpose and view as either horizontal or vertical sections.

Version 3.1 NEW Features Cont...

Soft Proofing for Traditional Newspaper



Newspaper FlipBook

The newspaper FlipBook shows exactly how the newspaper will appear page by page including single sheeted sections. For closer examination of specific elements the user is able to view the rendered page.



Back Page

Front Page

Newspaper Printers Pairs

The signature editor can be used to collate individual newspaper pages in the form of printers pairs making it ideal for press operators to view a hard copy the same way it comes off the press.

Version 3.1 NEW Features Cont...

Transparency Control

Flexo users can now simulate the transparency effect of different inks on press, by the use of the new transparency control with the special colour sets menu.



Change of Settings:

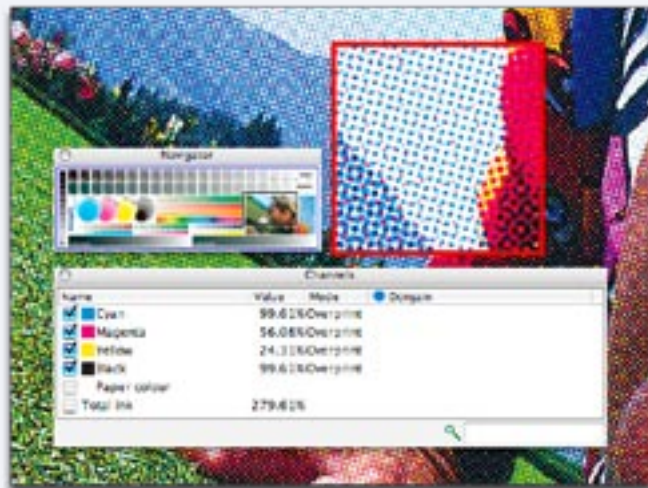


Adjusted Image:



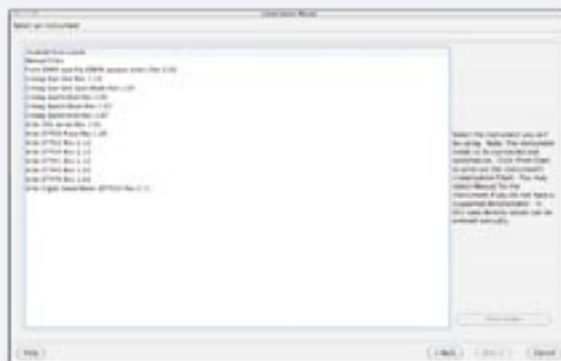
Floating High Res Loupe

A floating HR loupe is useful for close examination of specific area's of the proof, within the rendered window. By simply moving the mouse around the screen the user moves a High Res Loupe showing an enlarged section of the rendered image.



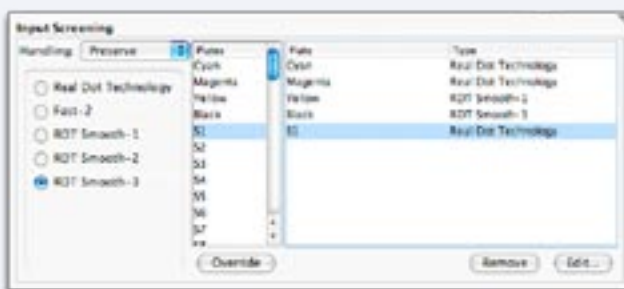
Online Measuring Instrument

- Gretag Eye-One
- Gretag Eye-One Spot Mode
- Gretag SpectroEye
- Gretag SpectroScan
- Gretag Spectrolino
- Xrite 500 Series
- Xrite DTP20 Pulse
- Xrite DTP34 - DTP45
- Xrite Digital SwatchBook (DTP22)



Selectable RDT Settings

Results can be altered by using various RDT settings, RDT Smooth 1, 2, 3.



Version 3.1 NEW Features Cont...

Signature Editor

The new signature editor provides greater flexibility of editing and can handle multiple types of imposition signature templates within the same job. Independent bleed can now also be adjusted.



Image Once - Render Many Signatures

The latest software allows the user to process, de-impose and collate using multiple signatures, without the need to re-spool and re-image the original data.

USB Driver For Windows

There is a new USB driver available for windows....



Rendering Thumbnail Option

The user can now configure the Thumbnail window to show either Imaging or Rendering.

Cropping Tool

Within the rendered window a new Cropping Tool has been added. An easy to use feature that allows the user to 'crop' the rendered image revealing only that portion of the image. This allows the user to print a particular section of the rendered image.

1. Choose 'Tool then Crop' from the top menu.



2. Click and drag over the desired are.



3. The cropped image will now replace the original.



Serendipity Blackmagic

version **3**

INPUT FORMATS

Available Input Filters

Agfa Taipan RIP
Barco Flex RIP - .LP and .LEN files
Context PrePress
Copydot / DCS 2.0
Crosfield Celix RIP
Crosfield MagnaRip
Crosfield Studio Expose for MagnaRip
Crosfield Studio Expose for Celix
Fuji Studio Expose for Celebra
Fuji Celebra RIP
Harlequin Scriptworks RIP
Heidelberg Delta RIP
Hyphen Pack 16 Based RIP
JPEG Image
Krause TIFF Based RIP
Monotype RIP
Pack 16 Based RIP
Panther RIP
PCC from ArtWork Systems
PDF
Postscript
Printergy
Rampage RIP
Scitex Brisque RIP
Scitex PSM RIP
Scitex RIP (PS/2)
Screen DotTIFF
Screen TaigaSpace
Serendipity Blackmagic Image
TIFF Based RIP
TIFF Based RIP - programmable
TIFF Based Agfa Print Drive
TIFF Image

Included Input Formats

JPEG Image
PNG
Scitex CT
Serendipity Blackmagic Image
TIFF Image

Available Output Formats

TIFF Image

For output to a TIFF file or to a printer.

Dupont Digital Cromalin
- Waterproof 4up & 2up models
IRIS Realist
- SGI and NT with Harlequin RIP
Fuji PictroProof NT based
Other RIPs taking TIFF Image

Scitex CT / Handshake

For output to a Scitex CT file or a printer

3M IMATION 4700 InkJet
Fuji PictroMatch

PostScript Level 2

Serendipity Software has tested all the printers listed here. However, all PostScript Level 2 compliant printers should work.

3M Rainbow
AGFA Duo Proof PS Printers
Apple B&W PS Printers
Canon Fiery/Cyclone copiers
Dupont 4 Cast Sparc based
Fuji FirstProof PS Printers
Fuji FirstLook PS Printers
Fuji Pictography PS printers
Fuji PictroProof PS Printers
HP B&W PS Printers
Kodak PS 9000
Newgen PS Printers
Polaroid PS DryJet
Tektronix Phaser 780 PS
Xerox PS supported copiers

Output Drivers

Agfa Sherpa range
CalComp CCRF
CalComp ColorMaster
CalComp CrystalJet
CalComp InkJet Series
Canon BJC-600/800
Canon BJC-8500
Canon W8200
Encad NovaJet
Epson Stylus
Epson Stylus 3000
Epson Stylus 4000
Epson Stylus 5000 / 5500
Epson Stylus 7000 / 9000
Epson Stylus 7500 / 9500
Epson Stylus 7600 / 9600
Epson Stylus 10000 / 10600
Fuji FirstProof
Fuji DoubleProof
Hewlett Packard 10/20/30/50PS
Hewlett Packard 120 / 130
Hewlett Packard 5000 / 5500
Hewlett Packard 500 / 800
Hewlett Packard InkJet
- RGB mode
Hewlett Packard 750
Hewlett Packard 755
Hewlett Packard 2000
Hewlett Packard 3000
Hewlett Packard 1050
Hewlett Packard 1055
Hewlett Packard Laser series
- PCL5
Hewlett Packard Laser series
- PCL6
Hewlett Packard 1120C
HTML
Iris43WIDE
Iris62WIDE
JPEG Image
Mac OS X installed printer

Mimaki InkJet
Mitsubishi DiamondProof
Mutoh RJ 1300
Mutoh RJ 4100
Mutoh Falcon II RJ 6000 / RJ8000
PDF
Photoshop EPS - JPEG
Postscript II
RasterGraphics Piezo 5000
Roland CamJet
Roland FJ-400 / 500 / 600
Roland FJ-540
Roland SJ-540 / 740
Roland SC-540
Roland CJ-540
Roland HiFiJet
Scitex CT / Handshake
Separated Postscript - DCS 2
Serendipity Blackmagic Image
TechSage SpinJet / SpinJet 5000
TIFF image
TIFF single bit, separated
TIFF contone, separated
Windows installed printer
Xante CL30

Included Output Formats

HTML
JPEG Image
PDF
Photoshop EPS - JPEG
PNG
Postscript
Scitex CT
Serendipity Blackmagic Image
TIFF CCITT G3 - separated 1 bit plates
TIFF CCITT G4 - separated 1 bit plates
TIFF Contone - separated
TIFF Image
TIFF Packbits - separated 1 bit plates

OUTPUT FORMATS

New Direct Output Drivers for Version 3.1(August '05)

Epson 4800/7800/9800/4400/7400/9400
Roland Soljet SJ 1000

Hewlet Packard(Design Jet) 70/90
Canon 8400

CONFIGS

Pro

Unlimited output size
1 input filter - users choice
1 direct output driver - users choice
Level 3 Postscript RIP for PS,
EPS and PDF input

Lite

Unlimited output size
1 input filter - users choice
1 direct output driver - users choice

2up

Restricted size output to
482.6 mm x 330.2 (19" x 13")
1 input filter - users choice
1 direct output driver- users choice

4up

Restricted output size to
614mm x 720mm (24" x 28")
1 input filter - users choice
1 direct output driver - users choice

Remote (Bureau)

Unlimited output size
1 direct output driver - users choice
Level 3 Postscript RIP for PS, EPS
and PDF input

Spectrophotometers

Online measuring equipment

Gretag Eye-One
Gretag Spectrolino
Gretag Spectroscan
Xrite DTP-41
Xrite DTP-22
Xrite DTP-32/34

SPECTRO

for system requirements visit our website: www.serendipity-software.com.au

OS

Apple Mac OS X 10.2 (Jaguar) or later | Linux RedHat 7.2 distribution or later | Sun Solaris 8 (SPARC based) | SGI IRIX 6.5 or later
Microsoft Windows NT4 | Microsoft Windows 2000 | Microsoft Windows XP

Product Comparison Chart

There are several Serendipity Blackmagic versions. Check the comparison chart to determine the one most suited to your needs. You can always upgrade later at an additional cost.

	PRO	Lite	4UP	2UP	Bureau
Bitmap / Ripped Files	YES	YES	YES	YES	NO
Postscript / PDF / EPS	YES	NO	NO Upgradable	NO Upgradable	YES
Unlimited print size	YES	YES	NO Limited to: 614.0 x 720.0 mm	NO Limited to: 330.2 x 482.6 mm	YES
JPEG	YES	YES	YES	YES	YES
PNG	YES	YES	YES	YES	YES
Composite TIFF	YES	YES	YES	YES	YES
Scitex CT	YES	YES	YES	YES	YES
Spot colours	YES	YES	YES	YES	YES
Dotgain curves	YES	YES	YES	YES	YES
Duplexing	YES	YES	YES	YES	YES
De-Impose	YES	YES	YES	YES	YES
High resolution softproof	YES	YES	YES	YES	YES
ICC colour management	YES	YES	YES	YES	YES
Clustering support	YES	YES	YES	YES	YES



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