

# Serenipity Blackmagic

## Product Overview...



### **New features include:**

- New Slave (Cluster) Technology
- New Plate Paint Technology
- New Colour accurate High Res Soft Proofing
- New Screen Print Mode
- New De-Impose Duplex Printing to:  
Colour, Black & White Laser Printer
- HTML & PDF 
- New Easy to Use Interface
- New Intermediate File Format
- New CIP3 Export Facility
- High Speed Processing



**And More...**

### **Available for:**

Macintosh OSX 10.2 or higher  
Linux RedHat 7.2 distribution or later  
Sun Solaris 8 or later  
SHGI IRIX 6.5 or later  
Microsoft Windows NT/2000XP





# Serendipity Blackmagic

*Smart proofing software at the centre of your workflow producing colour managed contract proofs from POST RIP data everytime...*

## **Introduction:**

Serendipity Software, established in 1994, is a leading provider of digital proofing products for the design, commercial, packaging, flexo, newspaper and publishing industries. The new Serendipity Blackmagic Version 3 takes proofing to the next level, with a completely new look interface and system architecture with many new enhancements.

## **What is Serendipity Blackmagic?**

Serendipity Blackmagic, the company's flagship product, provides true ROOM (rip once output many) workflow by producing digital proofs from post-ripped (bitmap) or the most commonly used CT/Line work formats. This ensures that data integrity is preserved at all times. Serendipity Blackmagic incorporates the companies RDT (Real Dot Technology) which produces digital proofs containing the same dots produced by the imagesetter and platesetter RIP.

The new Serendipity BlackMagic V3.0 software also incorporates their latest enhanced de-imposition technology, which allows full size imposition signatures to be de-imposed, collated and duplex printed to black and white or colour laser printers for the creation of print dummy's.

The Serendipity Blackmagic software package consists of two parts: the server and the client. The core server is known as the master software, which accepts data from a variety of sources, processes it and then outputs to virtually any printer or file format available. Sources of data can be from any of the supported screened or un-screened RIPs, or printed directly from a workstation.

The graphical user interface (GUI) is used to configure and monitor and workbench modules. The GUI can run on any commonly used operating system on any computer on your network which can reach the server. Whether the client is operated from the same building or a different city, you have complete control.

## **Seamless Integration**

Place Serendipity Blackmagic on your network and instantly create contract quality proofs from any printer with no changes to your workflow.

## **Server**

The Serendipity BlackMagic is a server based solution that uses a client software which is capable of connecting to multiple workstations at the same time. The system is multi threaded to efficiently utilise multiple processors to image, render and output jobs as quickly as possible.

Once a job is submitted for proofing, either manually or automatically, the server spools it across and starts the imaging process where RDT is applied on screened 1 bit RIP data to preserve the dot structure. The individual plates including special/spot colours are merged together. The imaged file then moves to the rendering stage, where rotation and colour management are applied.

## **Input Rips**

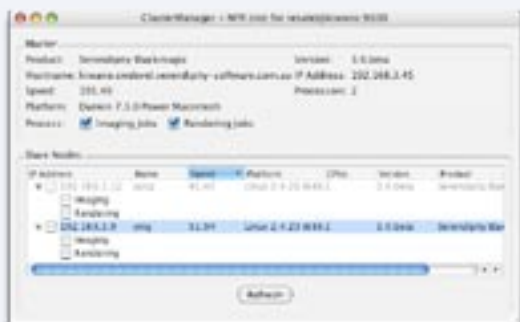
The proprietary file formats from most leading RIP manufactures are supported. These include Agfa, Barco, Harlequin, Heidelberg, Rampage, and Screen, including Fuji Celebra (Workflow 2), Scitex Brisque Impose and 1 bit tiff. (Please see page 10 for a full list).

## **Direct Drive of Output Devices**

Serendipity are leading developers for Epson, HP, Roland and Canon and as such can directly drive most inkjet devices. Serendipity Blackmagic has the ability to drive multiple proofers simultaneously from the same or different manufacturers. You can also swap jobs between them or pool to the next available device.

## Version 3.0 NEW Features

### New Cluster Technology



The new Serendipity Blackmagic V3 has the ability to share the task of processing a job or multiple jobs across different computers whether they be either NT, Macintosh OSX, SUN, SGI or Linux hardware configurations. You are able to have for example, **5 jobs imaging, 3 rendering and a couple printing all at the same time**. The low cost cluster option is useful for high-volume production and quick turn-around sites. A master Serendipity Blackmagic system, automatically determines how jobs are distributed across a cluster of networked Serendipity Blackmagic slaves. The slave can be configured to either perform imaging or rendering tasks or both. On completion of the assigned slave activities, the processed data is returned to the Serendipity Blackmagic master for the output task.

### New Plate Paint Modes

Plate Paint Modes are a major step towards more realistic simulation, especially for the folding cartons, packaging and flexo markets. Any plate can be assigned with any colour and also be nominated to any one of the paint modes:

- Overprint, traditional mixing of channels
- Knockout, all channels of the top plate dominate those of the plates below it
- Primer, white ink simulation
- Opaque, variable opacity to simulate metallic or other special inks

#### DOT Gain For Special Spot Colours

There is no limit to the amount of DOT gain curves that can be applied to individual special spot colours.



### New HR Soft Proofing

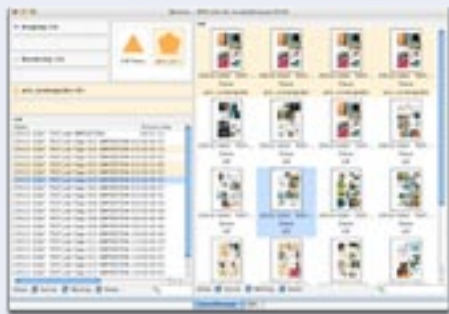


The user can view at the nominated output resolution without any restrictions. Plates can be turned on or off and even assign colours to plates on the fly to preview all the new plate paint modes.

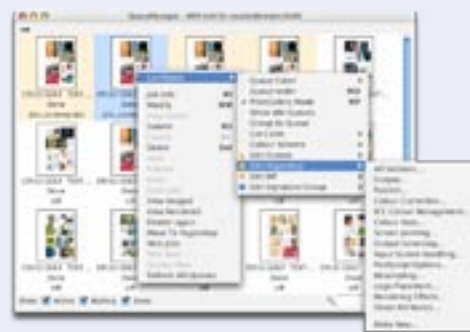
Automatic colour replacement sets can also be assigned to create on-screen blue-line previews for checking trapping features. Underlay or overlay trapping issues can be visually checked. This is because the end user is viewing the original ripped files with it's halftone screening. A floating densitometer tool, allows colour dot percentage values to be displayed for each channel.



### New Multiple Work Surfaces



Multiple work surfaces on the same window can be customised by the user. The example shows a surface set up with output queue monitoring module. Within this Queue Manager you are able to edit and create any configuration item from anywhere it gets used directly.



## Version 3.0 NEW Features Cont...

### New Duplexing - Fast Print Dummy Creation



Serendipity Blackmagic's new deimpose / duplex module, provides a fast and accurate method of creating a complete working print dummy from the early stage of the design & layout concept/approval or from the final post ripped data prior to imaging to film or plate.

Serendipity Blackmagic ensures that any mistakes of page folio numbers, split page image alignments and bleeds can be identified quickly for both Saddle Stitch & Perfect Bound Binding.

Even missing elements such as fonts, images and text re-flow issues or wrongly placed images and ads can be quickly identified saving valuable time within the workflow of today's modern CTP systems.

#### **Production Performance:**

*A complete print dummy can be created from eg. 132 Page full colour magazine (16x8UP Perfect Bound Sections, 1x4 Page Work & Turn), from 2400 DPI / 150# Fuji Celebra(Workflow 2)post ripped files. The total completion time for spooling, imaging, rendering, de-imposing, collation & printing is 28min 30sec based on using the Macintosh Dual 2.5Ghz & Xante CL30 duplex colour laser printer.*

This new method overcomes the lengthy time and labour component that is associated with the cutting and folding of fully imposed low resolution print signatures produced from double sided plotters.

Use any double-sided Postscript™ or PCL5 compatible printer, the system is able to be used to create full colour or black-and-white "dummies" of your jobs.

The new intuitive user interface lets you import imposition layout templates from different applications such as, **Preps**, **DynaStrip**, & **Krause**.

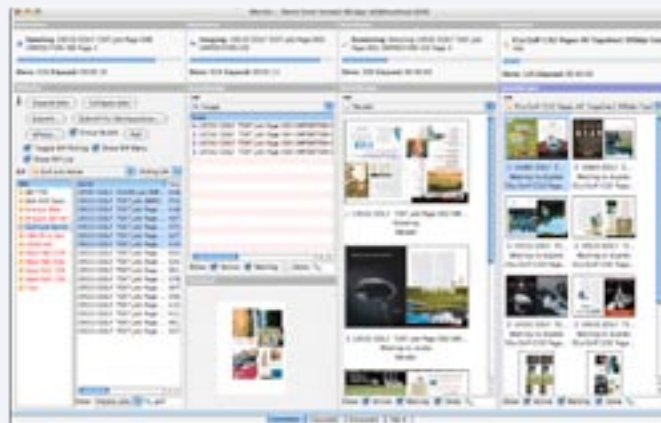
**-JDF signature groups can also be imported from many compatible systems.**



The templates are then saved and assigned when jobs are submitted for de-imposition. Whole jobs can be submitted in bulk, or they can be assigned in eg: 2 x 4 page (inner and outer) sections or 2 x 8 page (inner and outer) sections and are then deimposed, collated, duplex and printed. No cutting and folding is required.

Complete brochure, magazines, annual reports and book are printed in page sequence starting from the back cover to the front cover. Even when there are mixed signatures of 2UP, 4UP, 8UP, 16UP "Work and Turn", "Work & Tumble", "Coming and Going" or "Sheet Work", *the whole process takes place automatically.*

Tighter registration between front to back sections



*Simultaneous: Spooling, Imaging, Rendering, Outputting*

is also achieved over other methods. Signatures for either saddle stitch or perfect bound can be created or imported and stored for use with different sheet feed offset, web offset and newspaper kite splitting/splitting/folding/collation and spin binding configurations.

The de-imposition signature can be configured to print either single or double pages depending on the duplexing printer and paper source. Full size inner and outer signatures can also be reduced and duplex printed to fit e.g. A3 Nobe size printers. This is ideal for producing a backed up imposed form proof.

Imposed sections are submitted for deimposing where they are spooled and imaged first. The jobs are then automatically moved to the Rendering stage where rotation, deimposing and colour management is applied. Jobs are then held waiting for collation and du-

# Version 3.0 NEW Features Cont...

## New Duplexing - Fast Print Dummy Creation

plexing in the output queue. Once a duplex pair of inner and outer sections is complete, they are automatically released for printing to the first available printer.

When the imposition or press allocation changes at the last minute, then the jobs that have already been imaged, can be simply assigned to a new deimposed templet and pagesetup. The already imaged sections are then re-rendered without the need to re-spool and re-image the original ripped file. Final duplexed jobs can be reprinted when additional copies are required.

Once each inner and outer section has been checked and OK'd, the individual imaged signatures, can be re-rendered to a different pagesetup for the contact proofing stage. This means there is no need to re-spool and re-image all the original HR post ripped files, saving valuable production time. Serendipity Blackmagic supports many colour and black and white laser printing devices with either Postscript

or HP PCL 5 colour format. Multiple colour or black and white devices can be driven simultaneously providing a fast and efficient production system.

### De-Impose DUPLEX PDF Mode:

The PFD output driver also supports the duplex mode. This allows complete jobs or imposition sections to be de-imposed, viewed and printed in reader spreads via the latest version of Acrobat Reader. The resolution, compression ratios and ICC colour management for both screen and printer can be controlled when generating the pdf.

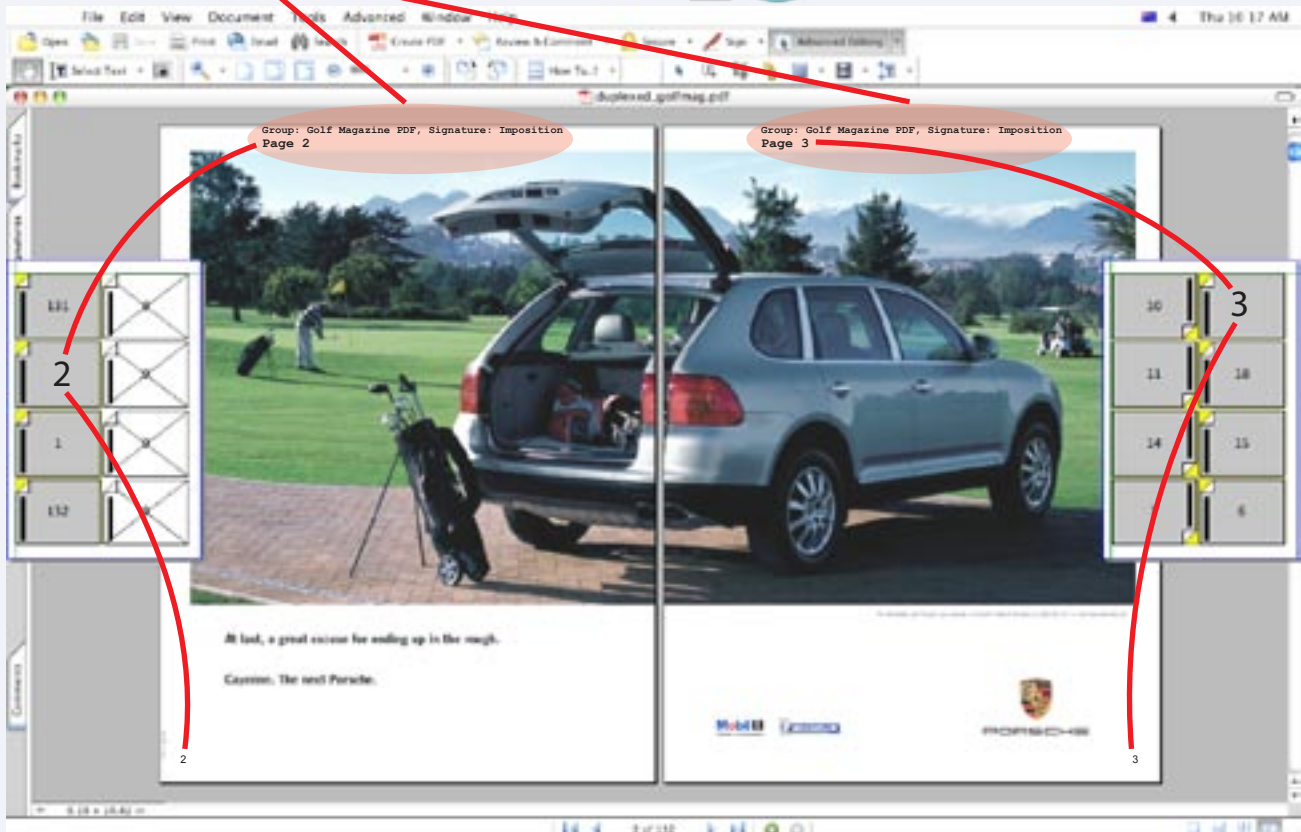
### De-Impose DUPLEX HTML Mode:

For those customers who prefer online approval of complete or imposed sections, the Duplex supported HTML output driver provides this flexibility. Like the PDF mode, the resolution, compression and colour management can be attached to provide accurate online soft proofing.

### Slug Line Confirmation for Page Positioning

The slug line information confirms that the correct page and folio number have been imposed into the correct signature template.

### PDF & HTML web based formats, provides colour accurate soft proofing using ICC profiles

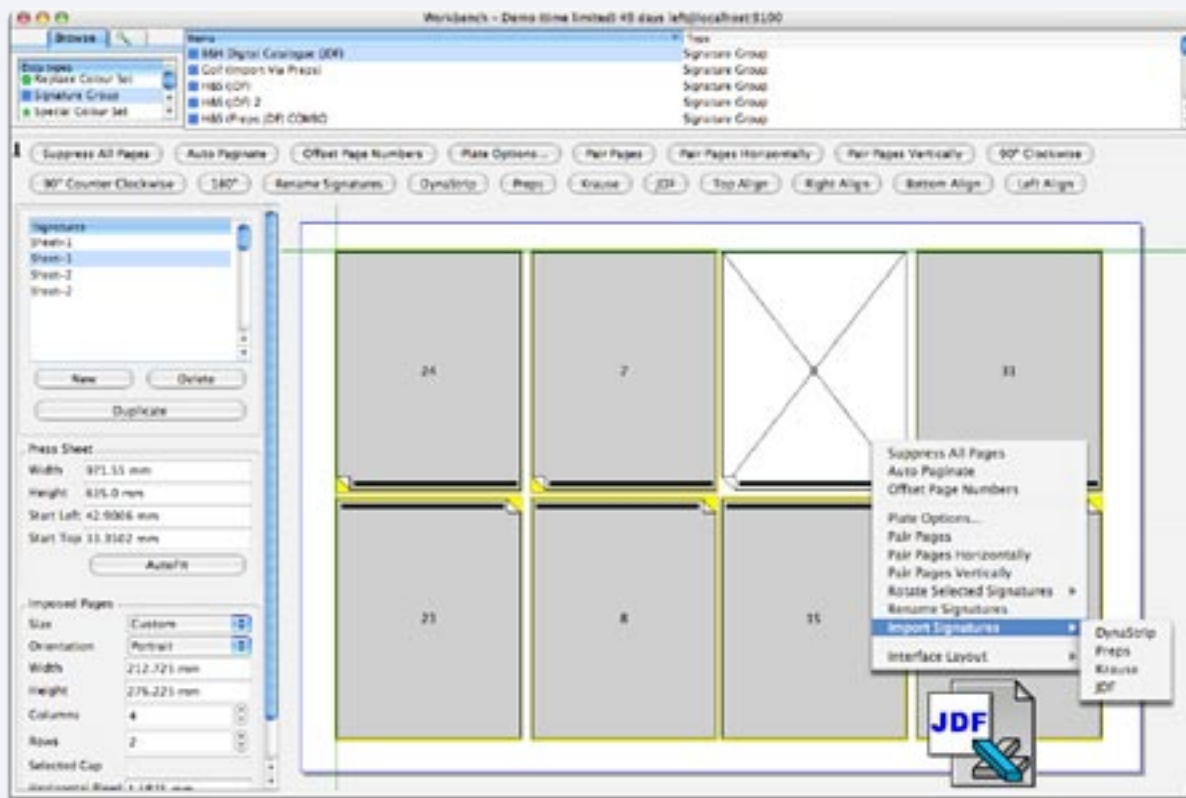


View the full magazine on screen with the NEW PDF / HTML duplexing facility, with full colour accuracy.

# De-Impose / Duplexing - How its Done

## 4 Easy Steps to Fast Print Dummy Creation

1.A. Import Signature Groups, choose from DynaStrip, Preps, Krause and JDF. Our example shows the JDF format.



2.B. Group and Offset page numbers. Example; by 1.



2.C. Group and rotate pages by "90o Counter Clockwise".



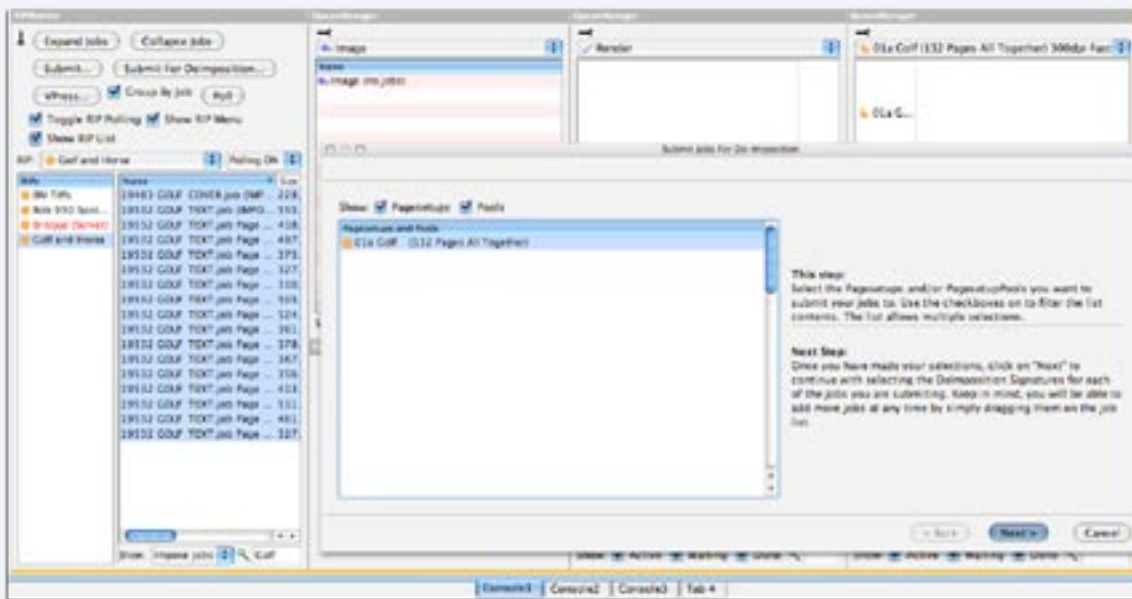
2.D. Group, and "Page Pair Vertically".



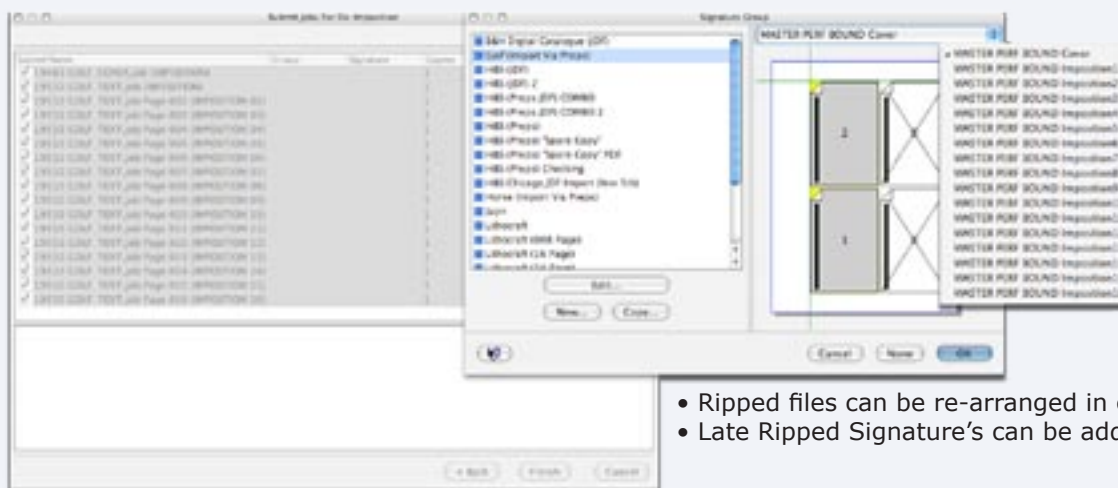
3.E. Group and extend bleed to allow trip and crop marks to print.



4.A. Bulk "Submit for Deimposition". Group all ripped files using search engine, select "Submit for Deimposition". Select Page setup.

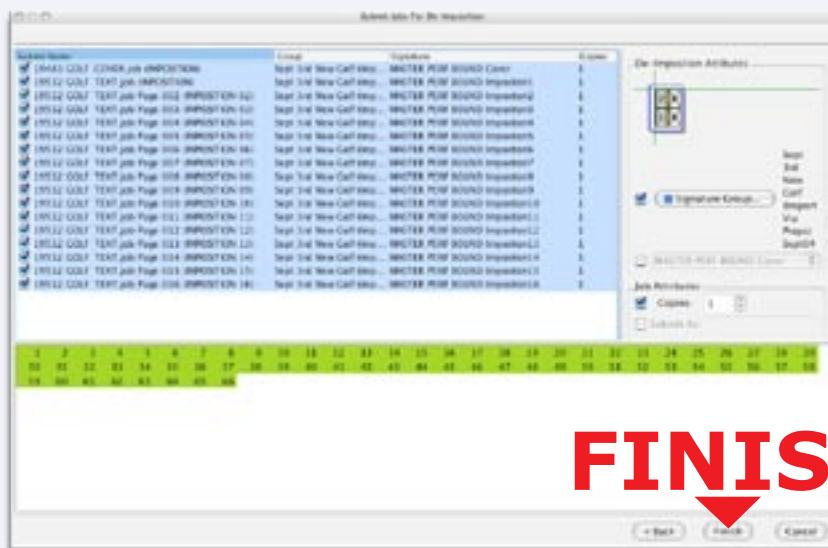


4.B. Select Signature group.



- Ripped files can be re-arranged in order
- Late Ripped Signature's can be added

4.C. Select Finish.



# Version 3.0 NEW Features Cont...

## New Easy to Use Interface

The new Serendipity Blackmagic interface is designed for easy and intuitive use. You can submit and control your jobs with a minimum of clicks. Customizing the interface to your requirements is quick and straightforward and will let you check job status at a glance. Monitor and manage your jobs through each stage of the process from submission to final output. Hold, modify, preview and release as desired. Thumbnail images can be automatically configured to make easy identification of jobs in progress.

## New Intermediate File Format

Job processing has been split into spooling, imaging, rendering and printing. This means that the job can be printed again with different output qualities such as colour management, sizing, orientation, signatures and various effects. There is no need to waste time spooling and imaging again.

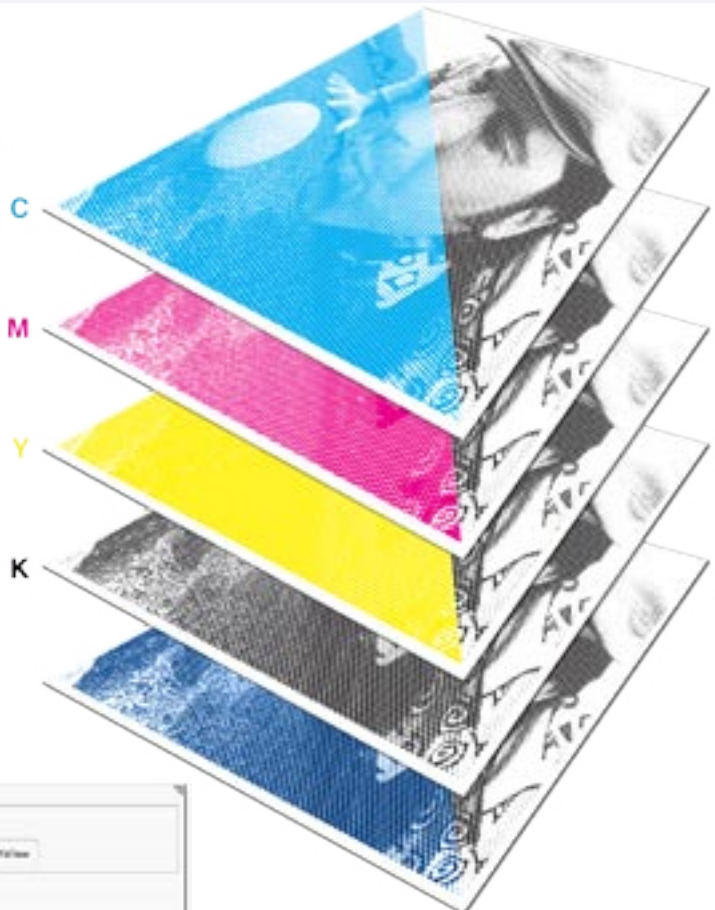
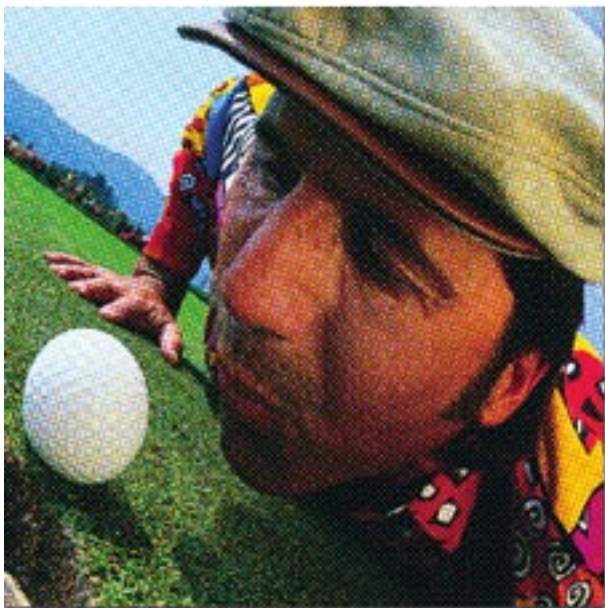
## New Export CIP3 & Separated Post Script at Print Res

The new Serendipity Blackmagic now includes the facility to export CIP3 files in versions 2.1 and 3.0 as a standard feature. Final Print files can also be exported in a separated post script mode for later use.

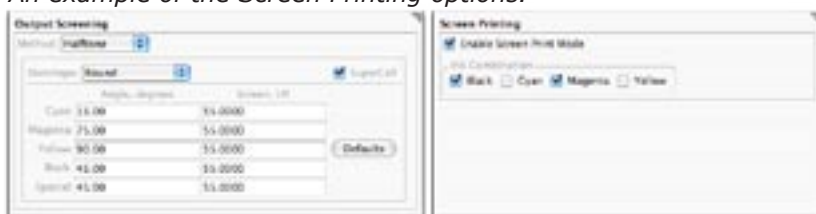
## New Screen Print Mode

Screen printing mode turns any printer into an imagesetter. Simply load clear film into any of the supported printers and upload a job. The job will be separated, and the individual plates printed using black. Controls over which inks are combined together to make black ensures high output density is achieved on any printer.

Screen print separations can be made from post ripped files or from PS files "Composite and Separated" and PDF files. Each separation is automatically assigned to print a black separation with it's own or original screen ruling and angle sets. High density can be achieved at normal print speeds by assigning a combination of Black, Cyan and Magenta ink settings under panels or halftone screened areas. This ensures that sufficient density is achieved.



An example of the Screen Printing options.



\*Including Spot Plates.

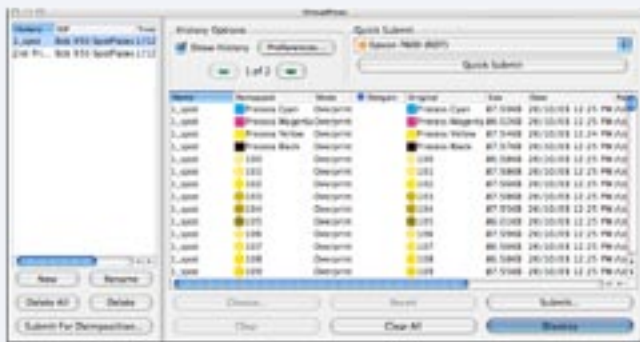
## Version 3.0 Standard Features

### Easy Calibration

Serendipity Blackmagic is easy to calibrate and easy to maintain. By creating a Paper Profile you can match ink and paper types much more closely than previously possible. Linearising the printer using a connected densitometer places the output device into a known state and then applying ICC profiles achieves accurate colour matching. If the printer drifts then you simply need to re-linearise and you are back in calibration.

### Virtual Press

With the Virtual Press you can change or drop plates from a job as needed. Plates can be edited or combined, such as adding a knife plate, to form a single job. Plates can be added from other files or removed. This is ideal when black text or linguistic changes are required.



### Special Colours

Serendipity Blackmagic supports unlimited special colours in one single job. A colour library of either CMYK or Lab values can be created by importing palettes from most desktop applications or they can be input directly using a spectrophotometer. Jobs with special plates will be automatically matched ready for processing. Colours can be set to knockout, overprint, primer or opaque. Of course you can always use the Virtual Press application to manually associate colours to plates on individual jobs. Colorimetric instruments can be used on any workstation running the Serendipity Client.

### Nesting (Scatter Proofing)

Any job that gets processed can be held for nesting. In this way multiple jobs will be grouped efficiently into a single job. Nesting or "scatter-proofing" reduces paper usage and printing times by automatically and efficiently placing all jobs on a single sheet. Output is triggered by user definable constraints including sheet area coverage and time limit. Nesting can also be initiated manually. A maximum number of items in a Nesting print sequence can also be defined. This is especially useful for the Newspaper market where two pages can be printed side by side automatically on a 36inch (914mm width printer).

### Drop Folders:

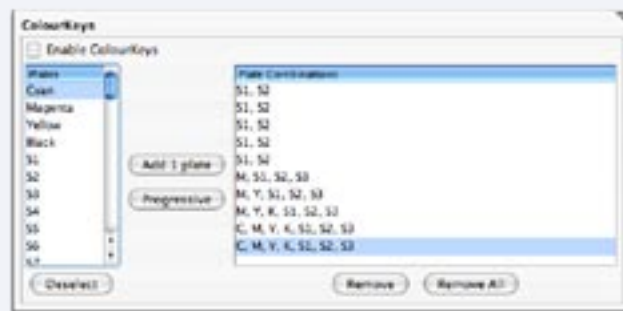
You may also submit jobs directly to Serendipity Blackmagic or place them in one of its network drop folders. Supported formats include Postscript™, PDF, JPEG, or TIFF. All major networking protocols are supported.

### Digital Blueline:

This is a traditional procedure that allows you to clearly see the trapping applied to a job. By automatically replacing all the process colours with different level cyan and magenta mixes for checking choke and spreads are easily identified.

### Colour Keys

The packaging / flexo industry often needs to see how each plate lays on top of each other on transparent media. In this way the underlay and overlay trapping can be checked. This is easy with the Colour Key feature, as any combination of plates can be assigned. Colour Keys is the perfect tool for producing progressive proofs for single colour and two colour presses.



### Real Dot Technology (RDT)

Real Dot Technology was pioneered by Serendipity. RDT ensures that the dot structure on a proof is preserved from RIP that produce 1 bit screened data. The same screen ruling and angles are shown on the proof and the press. The quality of the dot reproduction is excellent, especially when using variable drop-let size inkjet proofers. The HR screened data can be view after the imaging stage.



## Colour Management

### Paper Profiles

Paper Profiles are a unique method for describing paper and ink combinations. Serendipity Software designed this method specifically to make the most effective use of modern variable dot printers. Paper Profiles can be created online with any one of the supported measuring instruments. Paper profiles can also be downloaded from the Serendipity Software website or may be obtained through an authorised dealer.

Once the Paper Profiles have been generated, you have an opportunity to set ink limits for your ink and paper combination. Setting the ink limits prior to carrying out the normalisation procedure ensures you will achieve the maximum ink weight possible without saturating the paper with ink.

### Normalisation

Using the Lineariser application a step wedge is then output on your proofer. This is then read using either one of the supported automatic strip reading devices or a manual densitometer. Once applied the printer is then in a normalised state ready for ICC profiling.

ULE Nilson (pre-defined correction curves), and maximum ink density settings can be added prior to saving the linearised calibration.



### Update

If the colour changes due to environmental changes, ink batch or a head replacement, a linearisation is the only process required to get your colour back on track. This brings the proofer back to the normalised state where your ICC profiles were created. The ICCs are simply reapplied when the next job is processed.

### ICC Profiling

Using an ICC profile generator, profiles are created for both the proofer and the press. The press profile is used as the match profile. A custom match profile is just as important as a custom proofer profile for good colour matching. Both profiles are then installed in the Serendipity Blackmagic system and are used by its Colour Management Module to match the proof to the customer's final job.

### Auto Proofing:

The user interface can be configured to auto proof from different RIP's using either single or fully imposed pages. An expression tool allows the user to auto proof specific jobs by; job no., job name etc.



### Internet Format Proofing Options

By using Serendipity Blackmagic in conjunction with third party web servers you can publish proofs on your intranet for your staff or on the internet for your clients. The Serendipity Blackmagic will output standard HTML files with accompanying JPEG files to a specified network directory. The compression of the JPEG files generated is adjustable from 0 to 100%.



### Remote proofing

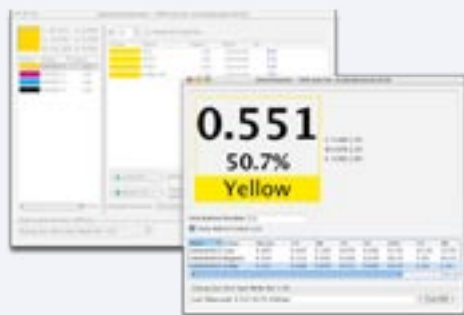
Remote proofing applications can be managed both locally and from a central location. The user interface can connect to any of the involved sites over the network. Providing online job monitoring.

Colour calibration is local to each site. Using linearisation devices repeatable colour quality is maintained when the same match profile is used on all sites ensuring consistent colour throughout. The main site houses the master Serendipity Blackmagic and a local proofing device. The RIP data is processed by Serendipity Blackmagic system and proofed locally for production approval. Simultaneously the data is converted to JPEG with linear calibration and transmitted to the remote locations.

Jobs processed locally can be sent to a remote Serendipity Blackmagic. This enables matching of main site and remote site output. You can simply drive the remote site from the main site interface.

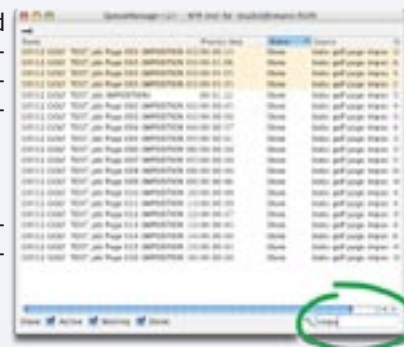
## Standard Features cont...

### Online Densitometer/ Spectrophotometer



Colorimetric instruments can be used on any workstation running the Serendipity Client. Example shows the included Spectrophotometer and Densitometer applications.

Another useful tool is the **Search Engine** where all lists have their contents filtered. Example shows list contents filtered on the word "Impo".



### Pagesetup Pools

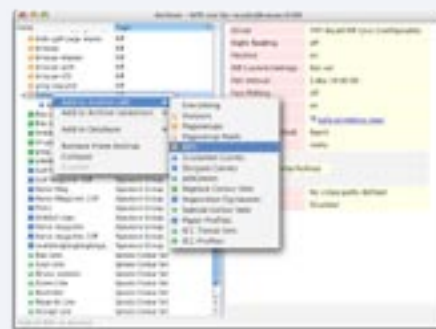


You may even pool proofers together to increase your production capacity. Jobs you have already printed may be re-printed to another proofer of the same type. The example shows the 3 settings sections of the Pagesetup Pool Editor. Any datatype may be selected for editing from the same window.

### Archiver Utility

The system configurations can be archived as needed. Additionally you can set the system to automatically backup the settings periodically so that you always have a working copy of a calibrated system on hand.

Example shows all items from the database added to the archive in a few seconds. Very memory efficient too!



### System Requirements

## Serendipity Blackmagic

#### Windows version

- Windows NT 4.0 (SP5),2000,XP,2003
- Dual Pentium II processors
- 512 Mb of physical RAM
- Display with at least 1024 x 768
- 4 Gb of free disk space

#### Macintosh version

- Mac OS X 10.3 or later
- Dual PowerPC G4 or G5 CPUs
- 512 Mb of physical RAM
- Display with at least 1024 x 768
- 4 Gb of free disk space

#### Linux version

- Red Hat Linux 7.2 or later
- Dual Pentium II processors
- 512 Mb of physical RAM
- Display with at least 1024 x 768
- 4 Gb of free disk space

# Serendipity Blackmagic

**version 3**
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## 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-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

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## 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

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for system requirements visit our website: [www.serendipity-software.com.au](http://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.

	<b>PRO</b>	<b>Lite</b>	<b>4UP</b>	<b>2UP</b>	<b>Bureau</b>
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

## Other Supported Equipment

### Spectrophotometers

Gretag eye-one	For linearisation and densitometer apps. Supported on Windows and Mac OSX only.
Gretg Spectrolino	For linearisation and densitometer apps.
Gretag SpectroScan	For linearisation and densitometer apps.
Xrite DTP - 41	For linearisations only. USB versions supported on Mac OSX only
Xrite DTP - 22	For linearisation and densitometer apps.
Xrite DTP - 32	For linearisation and densitometer apps.
Xrite DTP - 34	



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