



*Simply the Best*

***...CtP Production Workflow***

*Works with any CtP or CtF  
Integrated Page Pairing with Fan Out, Direct Printing  
Features, Delayed Black, Static and Variable Furniture & more...*

***...PreFlight and Auto Fixes***

*4 color black text fixes, RGB image and text fixes, Fix All  
Common Issues Automatically...*

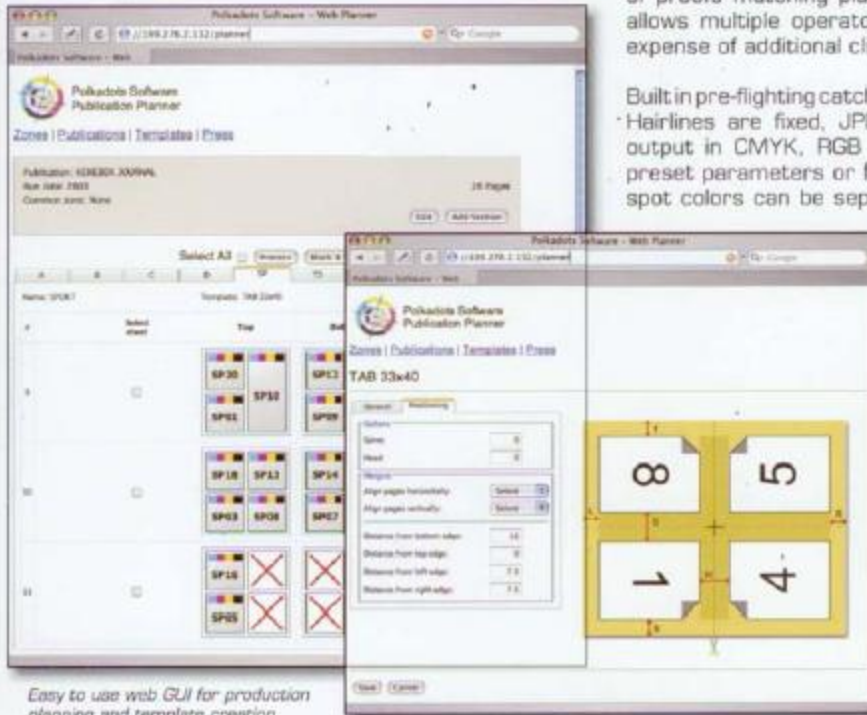
***...Flexible, Fast & Economical***

*Modular, Scalable and Fully Configurable, Use the Same  
Workflow for Newspaper and Commercial Production...*

# The Newspaper & Hybrid Production Workflow Solution

Process PDF, PS, TIFF, PDF/X-1A, PDF/X-3, EPS, DCS, DCS2 through hot folders, or print directly from a Mac or PC, and NEWSflo will effortlessly create secure, production ready files thanks to the efficiency of its RIP Once Output Many architecture. NEWSflo is a complete, RGB ready newspaper workflow solution.

NEWSflo comes with a Web Browser interface for publication planning, Template Creation, Page monitoring, Viewing and Proofing. NEWSflo's unique Pixel on Demand softproofing of ROOM allows for verification of content and 100% certainty of proofs matching plates. NEWSflo's Web browser GUI allows multiple operators to use the system without the expense of additional client licenses.



Easy to use web GUI for production planning and template creation.

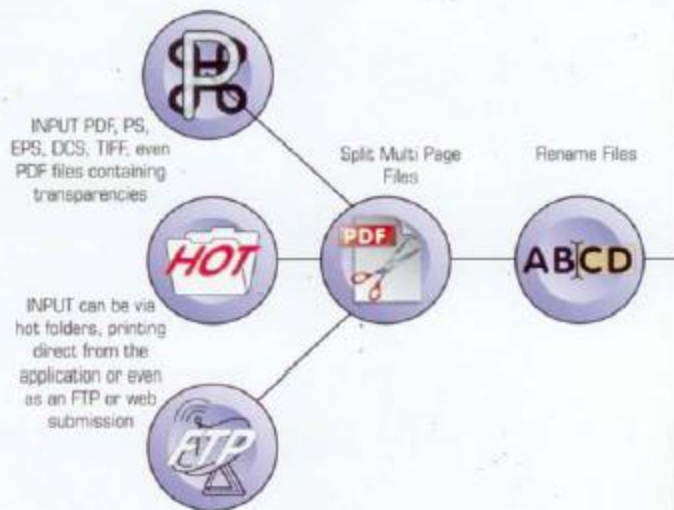
Built in pre-flighting catches and automatically fixes problems: Hairlines are fixed, JPEG files printed in separations will output in CMYK, RGB can be converted to CMYK using preset parameters or filtered out as errors and reported, spot colors can be separated to CMYK or kept as a spot separation, override application parameters incorrectly set during layout.

The simplicity and sheer productivity of NEWSflo makes it a powerful solution. NEWSflo takes only a couple of hours to learn; the solution will be up and producing within a day!

NEWSflo is a truly open workflow solution. NEWSflo is compatible with all of your current Prepress equipment. NEWSflo is scalable; purchase and install only what is needed then add onto the system as necessary.

“We have been through 2 other installations for similar products. One worked fairly well but lacked the features and sophistication of NEWSflo; the other was, for lack of better words – a nightmare! After about 12 hours of training I realized that NEWSflo was designed to work like the press and everything made perfect, logical sense. From then on, working with NEWSflo has just come naturally. We print 2 Daily papers here as well as 17 weeklies plus speciality products, we also print for 60 commercial customers – all using NEWSflo. This is about the most problem free solution I have ever seen. We had our CbP installed on Oct. 23 and we started producing 100% of our work with NEWSflo on Oct. 24, we have not used anything else since then. NEWSflo is the slickest software I have ever used.”

Vince Cribb  
VP Production  
South Georgia Media Group



## KEY FEATURES

Input via Hot folders or FTP:  
 Single page PDF, EPS, PS  
 Unlimited User Connections  
 Web Browser Interface  
 Database management  
 Renaming support for:

- Common naming convention
- Product code
- Run Date
- Page number
- Zones, and more...

• PDF tool kit including:

- PDF Creation
- PDF Splitting

Page Pairing

- Multiple products
- Multiple run dates

Preflight & Fixes  
 Auto convert to B&W  
 Auto convert to process  
 RIP Once Output Many  
 Softproof  
 Proofing to any laser or inkjet  
 Harlequin RIP 7.2

- Superior performance
- Full Support for Transparency
- Full Support for PDF 1.6
- Font Emulation

Output:  
 1 bit TIFF, PDF X/1A, DSC  
 RGB Ready workflow

Options

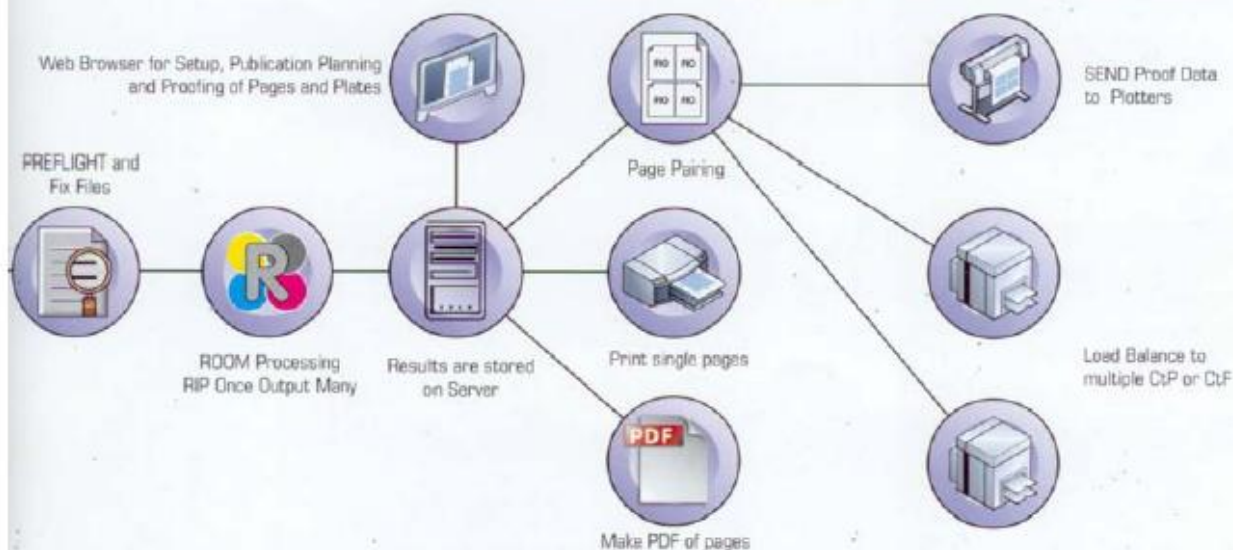
- Interface to CtP and CtF
- ICC calibrated inkjet proofing
- Trapping
- Stochastic Screening
- Hybrid Screening
- PitStop Server

“I was impressed with the simplicity and flexibility NEWSfile brought to our environment. Polkadots has provided a solution that meets our expectations 100%. All of our requirements including Templates, Ripping, Page Pairing, Furniture, Hard Proof, Output to Film, Soft Proof, Integration to our link System and FTP servers were configured and put into production in a matter of days. Polkadots provides exemplary customer services; no matter the time or day of the week; you always get the help needed...”

Jhon Marte  
 Director Client Systems  
 The Chicago Tribune



Pixel on Demand Web Proofing: Check pages, pairs, plates, even dot structure in seconds.



#### Web interface for job submission and approval

- Unlimited connections for users and advertisers
- Print proof
- Enhanced Viewing (Web ROAM)
- Multiple zoom level
- Toggle Color channels
- Trap zones (with Trap pro option)
- Calibrated soft proof using ICC profiles
- Collaborative annotations
- Dual sided viewing for coupon backing
- Approve or Reject pages
- Instantaneous Error feedback
- Report Missing fonts
- PostScript® errors

#### High Security RIP Once Output Many (ROOM)

Best in Class RIP technology Harlequin RIP 7.2

- Native PDF 1.6 RIP
- HPS (Harlequin Precision Screening)
- 4096 levels of grey
- Dot gain curves

Proof will always match Final Print

- Hard Copy Page proofing
- Hard Copy Plate proofing
- Pixel on Demand Page soft proofing
- Pixel on Demand Plate soft proofing

Fast efficient output of 1-Bit TIFF

- Drive CtP to make Plates
- Drive CtF to make Films

#### Commercial features

Pagination Tools

Soft proof booklets

Merge spot colors

Re-Map colors

Interface to

- Preps
- Dynastrip
- Imposstrip
- Quite Imposing
- KIM
- Signstation
- etc.

#### Web interface for publication planning

- NEWSfile offers Unlimited
  - connections
  - products
  - edition
  - run dates
  - sections
  - zones
- Template Editor: Broadsheet, Tabloid and Quarterfold
- Unlimited Plate Furniture
- Flexible Plate ID
- Publication definition with mixed
  - sections,
  - color pages,
  - black only pages
- Split or unsplit Double Trucks
- Add Creep

#### Supervisor Status Console

Process Management

- View and change process priorities
- View and change job priorities
- View and change publications

Page Management

- Display pages missing
- Preflight & RIP Status
- Page Size
- Color List
- Error out
- Error reporting
- Page Approval Status

Pair Management

- Display pages waiting
- Preflight & RIP Status
- Page Approval Status
- Released / Released with delayed black
- Output / Output with delayed black

Reporting and Logging

- Comprehensive status reports
- Extensive event logging
- Full reports in HTML or ASCII

#### INPUTS

File Types:

- PDF, PS,
- EPS, DCS,
- TIFF, JPÉG

Color Space:

- CMYK
- RGB
- Grayscale
- B & W

Parameters:

- Composite
- Separated

Input pipes:

- Hot folders
- FTP Sites
- Printing
- Mac or PC

#### Preflight and Automatic Fixes

RGB Image fixes

RGB text fixes

4 color black text fixes

Missing Font fixes

PDF and InDesign transparency fixes

Convert color pages to black & white pages

Convert spot colors to process

Hairline fixes

Minimum DPI for LW and/or CT elements

PitStop Certified Verification

EPS fixes

JPEG fixes

Override incorrect layout application parameters like:

- Screening Frequency
- Screen Angles
- Dot Shapes
- Incorrect Transfer Curve, Etc...

#### Post RIP Page Pairing

Full featured & completely automated Page Pairing with

- Web growth (Fan Out)
- Creep
- Delay black
- Static and Variable Furniture
- Direct colors printing
- S Wrap
- Anamorphic distortion

Load Balancing:

- To Multiple RIPs
- To Multiple CtP & CtF

#### OPTIONS

HP 1050 calibrated proofing to newsprint

Trap Pro (In-RIP trapping)

CtP3 linking setup file

HDS (stochastic screening)

RGB Workflow

Hybrid Screening

HP Inkjet plug-in with ICC

Epson Inkjet plug-in with ICC

JDF enabler

PitStop Server

#### File Processing Automation

Adaptive naming to any naming convention

Automatic Page numbering

Create PDF for Print

Create PDF for Web

PDF splitting

Copy to and from FTP Servers

House keeping (auto delete of outdated files)

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