

ReelColour (v5) Proofing

Integrate the RIP to provide a “RIP Once Output Many” proofing system

Product specifications are frequently updated; thus content and examples are for general information only and are subject to change without notice.

ReelColour version 5 retains the same base functionality of earlier versions but has been streamlined and enhanced to work optimally with a new generation of large format inkjet printers, the HP T1100 series.



ReelColour integrates with the RIPEXpress RIP or PrintExpress workflow to provide a “RIP Once Output Many” proofing system for newspapers, magazines, inserts etc. ReelColour can easily match proof output to that of a particular press. All aspects of the final output are reproduced on the proof, including, colour balance, screen angles, screen rulings and halftones.

It will even show problems with the image such as moiré and poor highlights and shadows.

FEATURES

- Support for DesignJet T1100, 24” and 44” widths, provides 1200 x 1200 dpi proofs
- Colour conversion options using ICC profiles to convert from RGB to CMYK, RGB to Grey, CMYK to CMYK automatically
- Create queues for automated colour conversions
- Hue intensity correction
- Polychromatic removal, (PCR) for press ink optimisation
- Image filtering to automatically sharpen images during colour conversion process
- Optimised error handling to minimise user intervention
- High quality halftone and stochastic screening algorithms
- Any angle, any frequency halftone screens
- Easy to use stochastic dot gain adjustment for press or inkjet

FEATURES of REELCOLOUR

- Proof on own stock
- Up to 44" wide (reel end) rolls
- RIP once output many
- Multiple press match settings can be stored
- Reduces advertising credits
- Data integrity maintained
- Scalable system, up to 2 printers per server
- Utilises standard hardware
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- Supports HP DesignJet 1050C printers for 600 x 600 dpi proofs

ReelColour takes the actual RIPed file from the RIP or PrintExpress workflow system. These files are in the form of standard 1 bit TIFF files. The 1 bit TIFF files are processed without de-screening and re-screening to ensure file integrity.

ReelColour uses press match settings, several of which can be stored, which means that no further colour adjustments or profile updates are required.



Separate queues on a single system can target individual printers providing simultaneous processing and output. Accurate proofs are achieved by combining printer linearisation software to balance between several proof printers and press match settings. Thus, several origination sites can service multiple print sites.

ReelColour version 5 uses standard platforms for the software and proofing engine with output to the HP DesignJet T1100 printer range, via an Ethernet connection. A single copy of ReelColour can produce proofs on up to 2 printers with multiple press configurations.

ReelColour requires TIFF file input. This can be generated by a RIP or input from a workflow system e.g. PrintExpress

