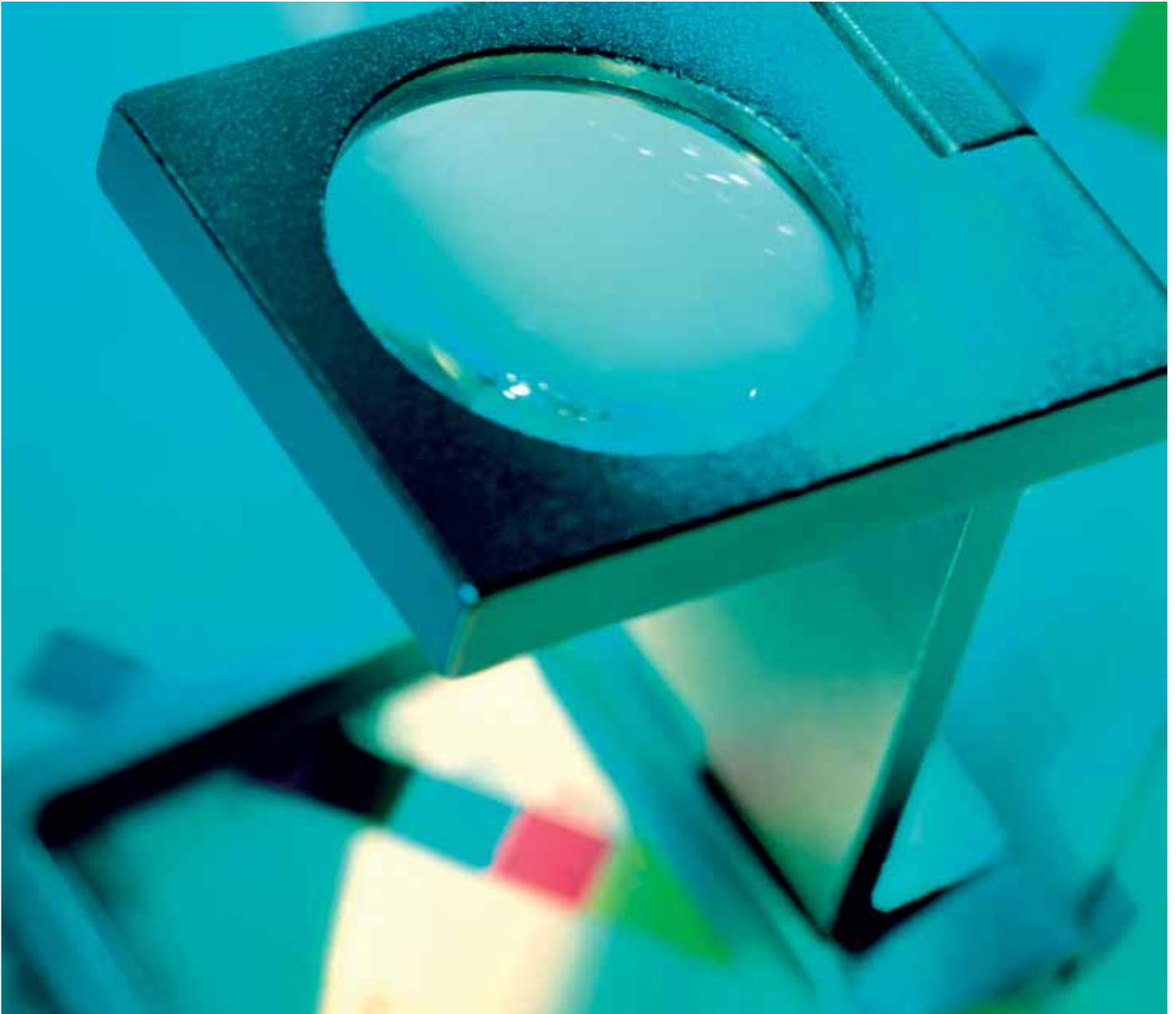




# Screenproof™

PROOFING SOLUTIONS WITH BEST TECHNOLOGY



Powerful  
Flexible  
Accurate

# Digital Screen Proofing System



## EFI Screenproof™

The purpose of a proofing system is to accurately predict press output. EFI Screenproof takes the original screened one-bit data from the front-end RIP, color manages that data and produces a color and content-accurate proof.



Up to 15 queues with individual settings

### Precise Information

The printing industry is being confronted with an enormous challenge. Print companies are being forced to produce jobs faster and cheaper without sacrificing the quality of the work. There is no time or resources for "redos." All the more reason to provide customers with a proof that will accurately represent the final printed piece. This is the premise behind EFI Screenproof. It uses the exact same one-bit files created by the imagesetter or platesetter RIP for press. EFI Screenproof does not duplicate, simulate, reproduce, de-screen or re-screen any of that original information. Any moiré patterns or print anomalies in the files will show up on the proof before the job is run on press. Also, by using ICC profiles, proofs produced by EFI Screenproof are color managed. The result is a color-correct, halftone proof that precisely predicts the final press output. Customers who sign off on a EFI proof can rely on getting the same with the actual printed piece.

### Current Technology

These days, with more and more computer-to-plate (CTP) systems being installed, digital proofing has become the standard. Since EFI Screenproof does not rely on film to produce a proof, it fits perfectly into the CTP workflow. No matter what size press is being used, EFI Screenproof can be configured to proof 4-up or 8-up work.

### The Advantages

EFI Screenproof can be configured to work with several front-end systems including AGFA, Artwork Systems, Creo, Dainippon, Harlequin, Heidelberg, Esko-Graphics, Krause-Biagosch, Screen, EFI OneFlow and many others. EFI Screenproof can produce one or more proofs using the same "ripped" one-bit files grabbed from the imagesetter or platesetter RIP. Once approved, those same one-bit files can be sent to production (R.O.O.M. concept), thereby ensuring job integrity and increasing workflow efficiency.

Using EFI Screenproof with an inkjet printer has enormous cost benefits compared to other proofing systems. Not only are inkjet printers a lower initial investment, they also have significantly less maintenance costs than traditional proofing methods. By using EFI Screenproof to detect any production errors at the pre-press stage, time and materials are saved in the pressroom. A few errors detected in the early stages of production can instantly offset the capital expense.

EFI Screenproof produces a color and content-accurate proof by using the original one-bit TIFF files from the imagesetter or platesetter RIP.



## Product Highlights

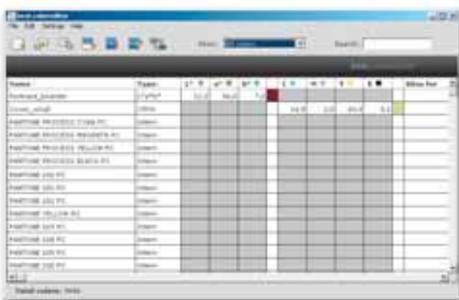
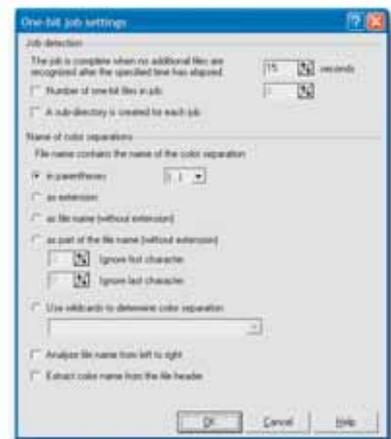
The screening structure remains unchanged. Proofs produced through EFI Screenproof will reveal traps, moiré (if it exists) and any issues with the image quality of the job. EFI Screenproof can also be used to proof copy dot files.

EFI Screenproof can be integrated seamlessly into almost any popular workflow. It processes the following one-bit file formats: Tiff G4, Tiff G3, Packbit, Huffman compressed Tiff, LZW compressed Tiff, Uncompressed Tiff, Presstek Harlequin PageBuffer, Barco LEN, PCX, DCS 1 and 2 and the Founder format.

EFI Screenproof includes all the functionality of EFI Colorproof and uses the same core technology to produce color-accurate continuous-tone proofs. It works with the following file formats: PostScript 3, EPS, PDF, TIFF, TIFF/IT, JPEG, Delta lists, Scitex CT/LW and EFI Remote Container. Color formats supported are: CMYK, RGB and L\*a\*b\*.

EFI Screenproof is also fully compatible with PDF/X-1, PDF/X-1a and PDF/X-3. EFI Screenproof is also part of a SWOP-certified system. Visit [www.swop.org](http://www.swop.org) for more information.

EFI Screenproof uses ICC-based color management to ensure accurate and repeatable halftone proofs. It also enables users to define "plate compensation curves" to affect the dot size on the proof, thereby creating an even better match to the press.



EFI Screenproof includes special color libraries for Pantone, HKS and Toyo colors. With the brand new special color editor, you can go even further. The editor lets you configure gradations for special colors, ensuring that even where these are in all sorts of different tonal shades they are always perfectly reproduced.

EFI Screenproof includes EFI Ink Key Assistant™. This add-on is used to show the amount of a print job's ink coverage per color and zone directly on the proof. This enables press operators to determine and preset the ink settings for each zone of the press.

EFI Screenproof is only sold through EFI Certified Resellers. This ensures that the software is installed by qualified professionals, trained in color management, workflow and RIP issues.

## Product Versions

### EFI Screenproof<sup>™</sup>

EFI Screenproof is the standard product and supports many different inkjet printers up to 60 inches (152 cm).

### EFI Screenproof 4up<sup>™</sup>

EFI Screenproof 4up supports printers up to 24 inches (61 cm). A cost effective proofing system for smaller CTP workflows.

Visit [www.efi.com](http://www.efi.com) for a complete list of measuring devices and printers supported in EFI Screenproof.

## EFI Premium series

Also available: The EFI Premium Option<sup>™</sup> or EFI Premium Suite Option<sup>™</sup>. These packages work with EFI Screenproof to enhance color management and enable quality control.

Please contact your certified dealer or EFI for further information.

## EFI Proof Paper

Paper is an integral component of a digital proofing system and has an enormous impact on how inkjet printers reproduce color.

Users should be just as selective about what paper to use, as about what printer and software to use. Under the EFI Proof Paper label, certified resellers offer a wide range of quality media specified by the EFI development team and produced in accordance with extremely stringent quality requirements.

For example, the EFI Remoteproof Paper 9180 was developed especially for offset simulations.

It provides an outstanding range of colors on most inkjet printers and uses very little visual brighteners to ensure a match between the measured values and the visual impression.

## EFI Academy

EFI Academy offers an extensive range of training courses for all EFI products. Class curriculum can also be tailored to meet specific company's needs. Please visit [www.efi.com](http://www.efi.com) for a list of classes offered by your regional EFI office.