

# best screen proof™



## best screenproof

The digital proofing system  
for reliably checking  
the content, color and  
screening of your print jobs



# best screen proof™

The purpose of a proofing system is to accurately predict press output. Best Screenproof™ achieves this by taking the original screened one-bit data from the front-end RIP, color managing that data and producing a color and content-accurate proof.

## 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. Jobs have to be printed right the first time. There is no time or resources for »re-dos«. All the more reason to provide customers with a proof that will accurately represent the final printed piece. This is the premise behind Best Screenproof. Best Screenproof uses the exact same one-bit files created by the imagesetter or platesetter RIP for press. Best Screenproof does not duplicate, simulate, reproduce, de-screen or re-screen any of that original information. Thus, 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 Best 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 Best proof can rely on getting the same with the actual printed piece.

## current technology

Proofing systems have been around for a long time. They have had to adapt to the many changes that have occurred within the printing industry. These days, with more and more computer-to-plate (CTP) systems being installed, digital proofing has become the standard. Since Best 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, Best Screenproof can be configured to proof 4-up or 8-up work.

## the advantages

**Workflow integration:** Best Screenproof can be configured to work with several front-end systems including AGFA, Artwork Systems, Creo, Dainippon, Harlequin, Heidelberg, Esko-Graphics, Krause-Biagosch, Screen, Velocity OneFlow by EFI and many others. Best 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.

**Production security:** Best Screenproof maintains absolute file integrity of the one-bit data from the front end RIP. Line screen, font and color information are never touched by the Best RIP. Instead, the original one-bit data from the front-end RIP is used by Best Screenproof to produce the halftone proof. Any moiré patterns in the file can be discovered early on and fixed before the file goes to press, where problems become difficult and expensive to fix!

**Return on investment:** Using Best 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 Best 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.

## product highlights

Best Screenproof produces a color and content-accurate proof by using the original one-bit TIFF files from the imagesetter or platesetter RIP. The screening remains unchanged in terms of dot shape, size and position. Proofs produced through Best Screenproof will reveal traps, moiré (if it exists) and any issues with the image quality of the job. Best Screenproof can also be used to proof copy dot files.

Best Screenproof can be integrated seamlessly into almost any popular workflow. Best Screenproof can process the following one-bit file formats: Tiff G4, Tiff G3, Packbit, Huffman compressed Tiff, LZW compressed Tiff, Uncompressed Tiff, Presstek Harlequin PageBuffer. Version 5.0 and above also support Barco LEN format, PCX, DCS 1 and 2 and the Founder format.

Best Screenproof includes all the functionality of Best Colorproof. Best Colorproof uses the same core technology to produce color-accurate continuous-tone proofs from various image file formats including PostScript, TIFF, DCS, DCS 2, PDF and



...fix problems  
before  
it gets expensive ...

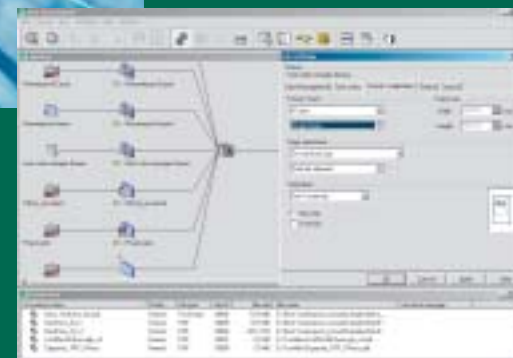
PDFX-1a. The Best Colorproof feature can be used for position and color checks during the iterative proofing phase. Best Colorproof is also part of a SWOP-certified system. Visit [www.swop.org](http://www.swop.org) for more information.

Best Screenproof uses ICC-based color management to ensure accurate and repeatable halftone proofs. Best Screenproof 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.

Best Screenproof lets you define your own spot colors as CIELAB or CMYK values.

Best Screenproof includes Best Ink Key Assistant™. Best Ink Key Assistant 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.

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



# product versions

## best screenproof™

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



## best screenproof 4up™

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

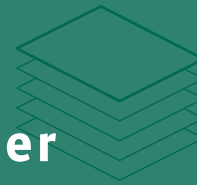


Visit [www.bestcolor.com](http://www.bestcolor.com) for a complete list of measuring devices and printers supported in Best Screenproof.

## best premium series

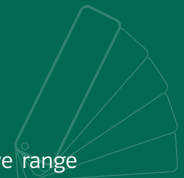
Also available: The Best Premium Option™ or Best Premium Suite Option™. These packages work with Best Screenproof to enhance color management and enable quality control. Please contact your certified dealer or Best for further information.

# best 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 »Best Paper« label, certified resellers offer a wide range of quality media specified by the Best development team and produced in accordance with extremely stringent quality requirements. For example, the Best 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.

# best academy



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

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