

# Color-accurate contract proofs

## GMG ColorProof – an award-winning proofing solution

In a number of tests on the best-known products available worldwide, GMG's proofing solution – ColorProof – consistently achieves the top scores. It has established itself as the market-leading solution for professional proofing. The latest version of the product – GMG ColorProof o4 – continues this tradition, redefining the standard.

## Professional tools for the professional user

GMG ColorProof o4 includes GMG ColorProof, the GMG ProfileEditor and SpotColor Editor, GMG RIP Server, and one or more output modules for a wide range of output devices. The central element in the software is the unique “4-D Color Transformation Engine”, which guarantees the best possible quality and color accuracy when producing contract proofs with a variety of output devices. The system can be calibrated against all standard color charts using a spectrophotometer. Device-independent color profiles are stored for specific printer families. Together with a set of highly developed linearization tools, this makes the system particularly well suited for remote proofing applications. GMG ColorProof o4 supports all currently available spot color systems (with up to 64 individual color channels per image), and is compatible with standard ICC profiles, which can be combined with GMG device-link profiles.

## New functionality in GMG ColorProof o4

GMG ColorProof o4 includes new, simplified installation tools, allowing users to quickly produce great looking proofs right out of the box. When standard profiles are used, for example, users need only run a single printer calibration process. This process ensures that identical results can be achieved using different models within a particular family of printers. The redesigned user interface makes navigating in GMG ColorProof more intuitive, enabling users to get up to speed even more quickly. Within GMG ProfileEditor, the selective correction functions have been improved, as have the processes for reading color values from spectrophotometers.

Support for test charts is another new feature within the GMG SpotColor Editor, as is the inclusion of the official Pantone® Library. The new PrinterCalibration Wizard makes it much easier to calibrate output devices without using the ProfileEditor. A license for the Fogra Media Wedge is also included with GMG ColorProof o4.

GMG ColorProof o4 is the most cost-effective, high-end proofing solution on the market. It meets all contract proofing requirements, including color accuracy and repeatability.

## GMG DotProof for accurate halftone proofs

The GMG DotProof® option allows users to create halftone proofs by printing color-accurate 1-bit TIFF data from the imagesetter or CTP RIP while retaining the original screened information. The new 1-bit creator function enables users that do not own a RIP or workflow system to create and proof 1-bit screened data from their contone files. This allows early detection of press artifacts

that are only visible with halftone proofs, such as moiré or trapping errors. DotProof is especially useful for CTP workflows, since potential problems can be identified before the plates are actually set up. This leads to both time and material savings.

#### GMG ColorServer option for color conversions

The GMG ColorServer module allows a variety of highly accurate color space conversions using automated workflow tools. One CMYK color space may be converted to another CMYK color space while maintaining the integrity of the black channel. Offset data, for example, can be converted automatically into gravure data. RGB data may be converted as well.

For more information about GMG products, please contact your GMG dealer or visit us at [www.gmgcolor.com](http://www.gmgcolor.com).

## GMG ColorProof 04 Technical Data

Software requirements		Product features	
Operating system	Microsoft Windows 2000 Server, Windows 2003 Server or Windows XP Pro	Supported formats	PostScript, PDF, Tiff, Tiff-IT (CT/LW composite), Tiff-IT (CT/LW separated), Tiff-LZW, Tiff-PackBits, Scitex CT/LW, EskoGraphics (Barco), ArtPro AIF (Artwork Systems), Delta Document, Delta List, Photoshop DCS, Photoshop EPS, JPEG, etc.
Hardware requirements		Supported profiles	GMG MX3 and MX4 profiles Standard ICC profiles
Processor	Intel Pentium III compatible or higher	Spot colors	Unlimited number of spot color separations per proof job Freely editable spot color database Pantone® Library support Special color systems such as HexaChrome
Product features		Workflow integration	Interfaces for Delta, MetaDimension (both Heidelberg Druckmaschinen), Nexus (Artwork Systems), EskoGraphics (Barco), Brisque, Prinergy, Prinergy EVO (all Creo), Apogee (Agfa), CelebraNT (FujiFilm), TWIST (DALiM Software), Harlequin
Advantages	Excellent color accuracy Reproducibility Suitable for remote proofing	Supported languages	English, German, French, Italian, Spanish, Chinese, Japanese
Software components	GMG ColorProof GMG ProfileEditor GMG SpotColor Editor GMG RIPServer with full PDF/X-3 support	Included components	GMG ColorProof 04 on CD Manuals Fogra Media Wedge Pantone Library Dongle
Output modules	Epson 4000, 4800, 7600, 7800, 9600, 9800, 10600 HP 130, 1050, 5000, 5500 Canon W2200, W7200, W8000 Creo Veris, Iris Roland HiFi Jet 500, 540, 700, 740 Many other inkjet printers. Please contact us for a current list.	Options	GMG DotProof GMG ColorServer Licences for addition printers
Supported measuring devices	Current X-Rite and GretagMacbeth models		

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