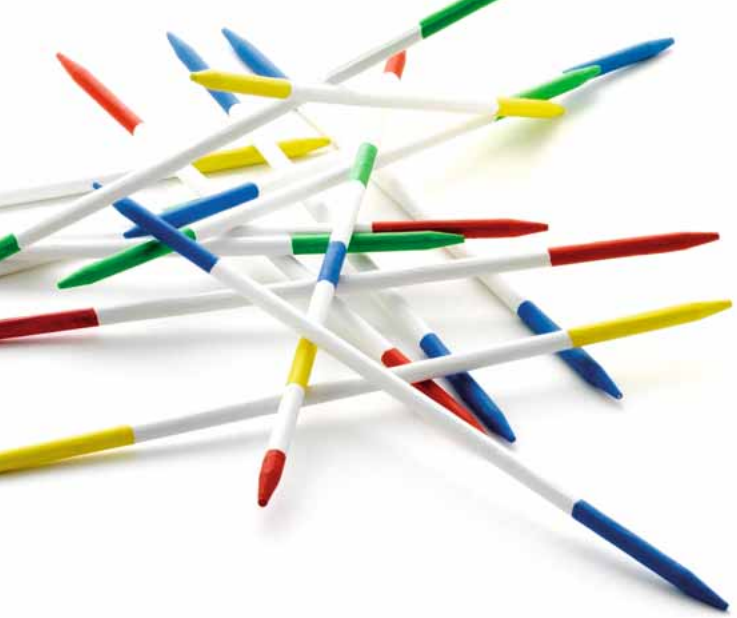

gmg colorServer

Easily create uniform color standards with GMG ColorServer

At every stage of print production, the data to be handled are often in different color spaces and need to be prepared for a wide variety of printing processes. That is a very time-consuming task – and time is money. GMG ColorServer reduces the effort involved by providing fully automatic color conversions, and is now available in the new Version 4.6.

Target groups

- Advertising agencies, publishing houses and print buyers
- Repro and prepress businesses, print houses for all printing processes
- Print houses with mixed production environments, e.g. offset/digital printing

Your advantages at a glance

◄ *Different printing processes – same colors!*

CMYK conversion optimally transforms printing data from one printing standard to another industry or in-house standard. As a result, the visual impression is preserved in the respective printing processes. In this way, the same color result can be obtained in digital printing as in offset printing. Other printing processes can also be matched to each other.

◄ *Increased productivity on the press*

CMYK reseparation standardizes the color composition of the data. This ensures that data from different sources behave identically on the press. The gray balance is harmonized, and the total amount of color standardized. The result is a marked reduction in makeready times and paper waste.

◄ *Top-quality color conversions*

The improved GMG Gamut Mapping function ensures that colors are ideally converted between different color spaces. The color composition of vignettes remains harmonious, and images retain their contrast and definition in the shadows. Optimum use is made of the printing color space, colors are not flattened. The files can be simultaneously scaled and appropriately sharpened during processing.

◄ *New functions for greater production reliability*

The processing of PDFs is based on the Adobe® PDF Library. This means that PDF files can be flattened, and transparent and overprinting elements yield identical results as in the Adobe Acrobat® reference software. PDF layers with language versions, varnish or cutting rules can be specifically excluded from processing.

Spot colors can be converted to the CMYK values of the respective output color space. Particularly in digital printing, this accelerates processing and reduces sources of error that can occur in the event of manual conversion. Databases for the leading spot color systems are included in the scope of supply.

◄ *Significant time savings*

The processing speed has been increased enormously in the new version. In addition, individual Error and Warning folders can be created for output. The user can very quickly determine which files are in need of renewed processing. All data in the "OK" folder undergo automatic further processing.

◄ *Greater user-friendliness*

Not only has the user interface for processing PDFs been completely optimized. In addition to a wealth of DeviceLink profiles, GMG ColorServer now also contains preconfigured hot folders for all standard printing conditions. This avoids errors when creating workflows, less expertise is required, and production reliability is improved. The "Advanced Profile Rules" function makes it possible to also process files with different color spaces in a single hot folder – the matching GMG color profile is selected automatically.

◄ *Simple profile creation with GMG SmartProfiler*

In just three steps, the supplementary GMG SmartProfiler option enables users to very easily create their own color profiles in order to calibrate and profile a wide variety of output devices, such as digital or large format printer systems. Thanks to predefined settings for various applications, no expert knowledge is required.

You can get more information from your graphic arts dealer or at **www.gmgcolor.com**.

Technical Data GMG ColorServer

Software requirements	
Operating system	Microsoft Windows 2003 Server, 2008 Server, XP Professional, Vista
Recommended hardware	
Processor	Intel Core 2 or similar, 2.4 GHz, 2 x 4 MB level 2 (L2) cache
Memory	2 GB RAM, 750 GB hard disk, 5 GB free hard disk space for software installation
Graphics card/ Monitor	Min. 1024 x 768 dpi resolution, 32-bit color depth
Miscellaneous	DVD-ROM, min. 2 x USB 2.0, network card
The hardware requirements are dependent on the operating system used and the additional software installed.	
Features	
Software components	GMG ColorServer 4.6, GMG ProfileEditor (only for GMG ColorServer Professional), GMG SpotColor Editor

Features	
Input and output formats	PDF, TIFF, TIFF-IT, JPEG, CT/LW, EPS (Photoshop® pixel data)
Supported languages	English, French, German, Italian, Spanish, Polish, Portuguese, Turkish, Chinese, Japanese, Korean
Scope of supply	GMG ColorServer 4.6 on DVD; profiles for common standards (e. g. PSR, ISO, SWOP, GRACoL, JMPA, 3DAP); user manual as PDF; USB dongle; HKS, Pantone® FormulaGuide/ Goe™ and DIC Library spot color databases
Options	Improved workflow integration with GMG FlowConnect Ripping of files with the GMG RipServer Standalone Creation of profiles with GMG SmartProfiler Bundle comprising GMG ColorServer / GMG SmartProfiler / Barbieri Spectro LFP RT measuring device for the LFP sector

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