



Creating individual color profiles with GMG SmartProfiler

In the digital and large format printing sectors customers are increasingly expecting high color accuracy, repeatability, and colors that match those of print media produced by classic printing processes, such as offset or gravure printing. Particularly in mixed production environments, there is therefore the demand that the printed end product must look identical, regardless of which printing process is used. And consistent color results are equally wanted by companies that have several identical or similar output devices installed.

The answer in such cases is centrally controllable color management with GMG ColorServer in conjunction with GMG SmartProfiler – the user-friendly solution for creating GMG ColorServer color profiles and printer calibrations for different output devices. There is no longer any need for individual configuration and synchronization of different frontends, RIPs, printers, etc.

Target groups

- Digital and large format print houses
- Print houses with mixed production environments, e.g. offset/digital or large format printing
- Users who want to create their own profiles or who work according to in-house standards, e.g. packaging specialists

Your advantages at a glance

▼ *Different printing processes – same colors!*

To make sure that colors look the same in different printing processes, GMG ColorServer automatically converts the data to the corresponding output color space. Color profiles for the key printing standards are included in the scope of supply. But what if printing is based on an in-house standard, not an industry standard? Or if there is not yet a binding standard for a particular printing process? In cases of this kind, GMG SmartProfiler enables any user to very easily calibrate,

recalibrate and profile a wide variety of output devices – consistent color results are guaranteed.

▼ *Easy profile creation and production reliability*

The creation of GMG ColorServer profiles and printer calibrations is assisted by several wizards, meaning that high quality results can be achieved quickly and reliably. The software offers the user predefined settings for certain printing presses and a wide variety of applications, e.g. for optimally rendering ISO Coated V2 in the available color gamut of a digital or large-format printer. This achieves maximum color accuracy and production reliability on any and every output system.

▼ *Improved quality thanks to repeatability*

The creation of individual profiles permits considerably higher color quality. Regular calibration with GMG SmartProfiler additionally ensures very good repeatability of print jobs.

▼ *Increased productivity*

GMG ColorServer and GMG SmartProfiler make for greater flexibility. When working in mixed production environments, the fact that the print output quality is always identical means that the decision regarding the

output system to be used for printing can be taken at short notice.

Changes in the output conditions, such as new substrates, printing modes or inks, can also be taken into account without any difficulty. GMG SmartProfiler can be used to create new hot folders for GMG ColorServer as and when necessary, e.g. if a new printer/material combination is added. Suitable hot folder settings are predefined.

▼ *Flexible handling of spot colors*

GMG SmartProfiler automatically prepares spot colors for optimum rendering. Channels for varnish, die-cutting formes or white-ink printing can be specifically excluded from processing in this context. That guarantees flexible handling of spot-color channels.

▼ *Client/Server architecture*

GMG SmartProfiler can be installed on a different computer than GMG ColorServer, enabling remote applications.

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

Technical Data GMG SmartProfiler

| Software requirements | |
|-------------------------|---|
| Operating system | Microsoft Windows 2003 Server, 2008 Server (32-bit, 64-bit), XP Professional, Vista, Windows 7 (32-bit, 64-bit) |
| Software | GMG ColorServer |
| Hardware recommendation | |
| Processor | Intel® Core™ 2 Quad, Q6600 or similar, 2.4 GHz, 2x4 MB Level 2 (L2) cache |
| Memory | 4 GB RAM, 750 GB hard disk, 15 GB free hard disk space for software installation |
| Graphics card/ Monitor | Min. 1024 x 768 dpi resolution, DirectX 9c support |
| Miscellaneous | DVD-ROM, min. 2 x USB 2.0, network card |

| Features | |
|---------------------|--|
| Supported languages | English, French, German, Italian, Portuguese, Spanish, Chinese simplified, Japanese, Korean |
| Options / licences | GMG SmartProfiler can only be purchased in combination with GMG ColorServer and is available in three versions featuring different presettings: GMG SmartProfiler for digital or large format printing; full version for conventional printing processes, digital and large format printing |



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