



# One software for standardizing the press from A to Z

GMG PrintControl is the solution for printers who want to optimize and control their processes easily and inexpensively. Maximum production reliability can be achieved in this way. The highly intuitive operation of the software enables uncomplicated standardization and control of printing presses. Printing results become predictable at last. The user is guided, step by step, through the procedures for specifying optimum, repeatable printing conditions.

## Target groups

GMG PrintControl is the ideal software for the following purposes:

- Cutting costs through standardization
- Obtaining identical color rendering on different presses, thereby achieving optimum flexibility and load balancing
- Increasing quality, even on older machines
- Producing repeat jobs rapidly and reliably
- Eliminating “color management” on the press
- Reducing paper waste and energy consumption

- Environmentally conscious, sustainable production
- Avoiding customer complaints, and documenting the printing results as a safeguard

## Your advantages at a glance

▼ *Increased production reliability and productivity*  
Standardization and process control automatically lead to increased production reliability and productivity. Version 2.0 of GMG PrintControl is now available and is shipped together with GMG RapidCheck. Both programs are even more user-friendly following complete revision of the operating concept. A wizard guides the user through the entire standardization and control process. The software includes basic knowledge and explanations, as well as correction notes for assessing and improving printing results. Analyses are displayed in graph form, and errors avoided automatically. This saves time, and thus also costs. Automatic workflows make production more reliable, and thus more efficient. Top quality can be achieved absolutely reliably, at any time and by any user – not just by specialists.

#### ▼ Traceability and legal certainty

An ISO-compliant report is generated for every print job. As a result, the printing conditions can be traced and re-checked at any time – affording optimum protection against customer complaints. The software also contains a database for analytical purposes that provides a rapid overview of the past and present status of the press. This is the only way to ensure that the print products delivered are always of the same, high quality.

#### ▼ Easy integration in existing workflows

The automatic export of tone value increase curves to various CtP RIPs is supported in the context of standardization. It is similarly possible to export and import different data formats, e.g. for colorimetric data. All new and industrially standard measuring instruments can be controlled with the software.

#### ▼ Support of all leading standards

In addition to ISO Standards 12647-2 and -3, the NPDC calibration method is now likewise supported. This is particularly important for the American and Asian

markets. In contrast to standardization according to ISO 12647 (tone value increase and spread), this method involves calibration on the basis of neutral gray (NPDC = Near Neutral Print Density Curve). The targets here are reference values for the tone value curve for black and the tone value curve for combined printing of CMY.

#### Functions at a glance

- Determination of the optimum printing density
- Analysis of tone value increase and spread
- Checking of primary and secondary colors
- Generation of CtP correction curves
- Analysis of the gray balance
- Control of ink acceptance
- Measuring of control wedges for daily quality assurance
- Determination of the optimum print contrast
- Creation of in-house standards
- Creation of a paper database

You can get more information from your graphic arts dealer or at [www.gmgcolor.com](http://www.gmgcolor.com).

## Technical Data GMG PrintControl

Software requirements		Product features	
Operating system	Microsoft Windows 2003 Server, 2008 Server, XP Professional, Vista	Supported control wedges	GMG PrintControl / GMG RapidCheck Unified Control Wedge, ECI / BVDM Gray Control Strip in different formats, user defined control strips
<b>Recommended hardware</b>		Supported RIPs / workflows	Agfa ApogeeX (generic format; .mime); Kodak Harmony (generic format; .hmy), Screen Trueflow (Trueflow.txt; importable data file)
Processor	Intel Core Duo or compatible, 1.6 GHz or higher	Supported measuring devices	X-Rite EyeOne, SpectroEye, 530; Techkon RS 800, SpectroDens
Memory	1 GB RAM, 20 GB hard disk	Import and export options	Colorimetric data
Monitor/Graphics card	Screen resolution 1024 x 768 or higher, supporting DirectX 9c	Test forms	GMG PrintControl Density and Verify test forms in different formats
Miscellaneous	2 x USB port, CD-ROM	Scope of supply	GMG PrintControl and GMG RapidCheck software version 2.0, user manuals on CD, dongle, control wedges, test forms
<b>Product features</b>			
Supported standards	ISO 12647-2:2007 (with all 5 paper types), ISO 12647-3 with the specifications for Newspaper 26 and 30, GRACoL 2006, creation of in-house standards with either TVI or NPDC calibration method		
Supported languages	English, German, Spanish, Italian, Chinese, Japanese		



GMG GmbH & Co. KG, Moempelgarder Weg 10, 72072 Tuebingen, Germany.  
Tel. +49 7071 93874-0, Fax +49 7071 93874-22, [info@gmgcolor.com](mailto:info@gmgcolor.com), [www.gmgcolor.com](http://www.gmgcolor.com).

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