ColorGATE

Extensive information – competent consulting

We hope that this short overview has got you interested in finding out more. And by the way – ColorGATE Filmgate technology offers you many more ways of adding to your product portfolio and enhancing your productivity!

In addition to the competent advising services available to you from our authorized sales partners, we also recommend that you take a look at the extensive range of information provided at www.colorgate.com: from an entertaining video clip right on up to the option of putting together exactly the configuration you want completely online – perfectly coordinated with your printers and color-measuring instruments.

For more detailed consulting services and information

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ColorGATE Digital Output Solutions GmbH, a leading European manufacturer with its head offices in Hannover, Germany, is an internationally active supplier of innovative product, consulting and system solutions for printing services and color management. The owner-operated company, which was first founded in 1997, maintains business locations in Germany, Italy and the UK.

ColorGATE

The modern way to produce today
System solutions for screen prepress

▶ Chemical-free film creation
▶ Color and raster-accurate digital proofing
▶ Screen-printing simulation on digital printing systems
▶ Direct control of CtS systems

Filmgate 6
Simply more productive

Productionserver 6
Simply more productive

Farbe bekennen
Committed to Color

Filmgate	Screen Print Proof	Computer to Screen
Module	Module	Module

Farbe bekennen
Committed to Color

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State-of-the-art technology with Filmgate 6: Better performance than ever before!

Filmgate 6, the world's leading RIP technology for the chemical-free production of film for screen, pad and flexo printing in high-end quality, enables perfectly reproducible results and maximum production reliability thanks to an outstanding range of functions:

▶ Consistently reliable processing of composite PDF and separated PDF files (PDF/ X3)
▶ Pre-defined sets for all the popular raster widths and printer series; individual sets and raster settings can also be defined for spot colors at any time
▶ Effective algorithms for moiré minimization

Brand-new in Filmgate 6:

▶ High-efficiency ICC Color Management ICC-compatible color space transformation of RGB and CMYK data
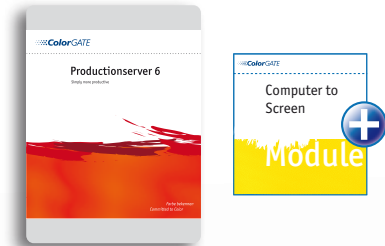▶ Use of imbedded profiles in JPEG, TIF and PDF files for default color space

Enhance color competence, improve cost efficiency – the world's first digital screen-printing proof makes it possible

Use just one application to produce films, proofs and color-accurate one-offs or small series: that gives you a decisive competitive edge and opens up a whole range of new business options. This is made possible by one of ColorGATE's most innovative developments, the module Screen Print Proof SPPM in combination with the universal production RIP Productionserver 6 and the Filmgate Module FGM. This combination of perfectly coordinated software components, which is unparalleled worldwide, sets new standards in terms of productivity in everyday screen printing.

▶ Maximum reliability in screen-print production: Color and raster-accurate digital proofs on suitable inkjet printers thanks to the simulation of the screen printer printing results give you complete production control from start to finish

▶ Minimum costs for small series and reprints: The option of now using your digital printer for the production of high-quality printed products as well enables you to optimize your workflow and to improve your cost efficiency

Direct illustration that makes sense economically and ecologically

A very important step in the screen-printing workflow is the production of printing stencils. Modern CtS solutions make a very convincing argument with environmental compatibility and high efficiency. The module Computer to Screen CTSM, which is available for the entire range of Productionserver 6 versions from Select to UXT, makes it possible to control all the conventional CtS systems, regardless of manufacturer and across different systems, using high-quality 1-bit TIFF generation.

ColorGATE Media: Consistently high quality for demanding users

Under the ColorGATE Media seal of quality, we offer demanding users special products, some of which are manufactured exclusively according to our specifications by a select group of partners. We stand firmly behind our claims of consistently high quality and superior material properties.
CG Screenfilm is the ideal natural-light medium for high-end screen printing production and delivers brilliant performance for line, full-tone and raster originals up to 122 lpi. Optimized for Epson UltraChrome K3™ Ink; suitable for use with virtually all popular dye and pigment-based inks.