ColorGATE

The universal production RIP:
The all-round talent

ColorGATE

Productionserver 6

Simply more productive

The ideal solution for any production environment

Finally a thing of the past: no more coexistent software installations, involving time-consuming training courses and familiarization periods, with costly production delays and error-prone, inconsistent workflows!

Productionserver 6 is the ideal solution for any production environment: Now you control all the application systems used with just one software RIP, from the proof printer to the cutting plotter with just one standard interface – and produce high-end quality more easily, more reliably and more profitably than ever before.

Productionserver 6 –
The all-round talent:

► Big banners, mega-sized posters
► Textile printing and soft signage
► Building wraps and vehicle graphics
► Interior design, wall coverings
► display and tradeshow systems
► Digital proofs, screen-print films
► Photos and art prints
► Contour cutting and print finishing
► Industrial applications

Simply more productive!

Four times the performance
Productionserver 6 is the world's only software RIP to be equipped with the integrated Parallel Process Manager. The automated assignment of available RIP processes reduces production downtime to an absolute minimum – and provides for four times the productivity in print-data generation.

4x

Up to 30 % less in ink costs
Ink Saver, the exclusive GCR technology from ColorGATE for CMYK and light-color half-tone printing systems, can help you to reduce your ink costs by up to 30 percent. Ink Saver uses special DeviceLink profiles to optimize color composition, whereby the CMY portions are reduced in the motif and replaced with a greater proportion of black. This significantly reduces the overall amount of ink used, and thus your costs as well.

30%

Five-times faster data transfer
Faster than ever before: compared to the previous version, Productionserver 6 makes it possible to increase the data-transfer rate of DFE-controlled printer systems by a factor of 5. Thanks to optimized writing speed via TCP/IP, it is now only your network card that will set any limits on your high-speed data transfer.

5x

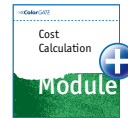## MDS & QAM – the dream team for your quality control

With the perfectly coordinated Quality Assurance QAM and Media Device Synchronization MDS modules for Productionserver 6, you can rest assured that you will have optimal quality control in all the printing systems supported. Sophisticated control-wedge technology guarantees the tested quality and color consistency of your large-format digital image production. Your advantages: satisfied customers – plus greater efficiency in the workflow and more reliability in price calculation!

- ▶ Easy definition of individual reference values and tolerances
- ▶ Clearly structured presentation and analysis of the test results
- ▶ Direct system recalibration to reset to default settings
- ▶ Automatic storage of test values and user limits
- ▶ Printing of test reports and quality labels for the documentation of quality and color consistency as required

CCM – Control your costs right down to the picoliter

The Cost Calculation Module CCM for Productionserver 6 analyzes media, ink and any supplementary costs to enable you to calculate the exact costs incurred for each print job, before you print and right down to the picoliter – and if you like, you can even compare different printing systems and media. As a result, you can calculate your prices more precisely and offer your customers attractive production alternatives at the expense of amazingly little time and effort.

- ▶ Easy handling thanks to the link to trusted MIM technology
- ▶ Customer-specific documentation and archiving
- ▶ Maximum flexibility due to freely definable parameters
- ▶ Complete workflow integration
- ▶ Individual cost reports

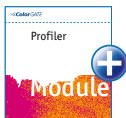## PCM – Efficient contour cutting, precise print finishing

From the POP display right on up to industrial applications: the Print and Cut Module PCM for Productionserver 6 provides you with the optimal solution for the cutting, routing and finishing of such materials as wood, plastic, leather and textiles.

PCM makes it possible to separate the cutting paths from the print data and to set synchronization marks for automatic position detection/alignment in finishing.

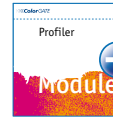PCM supports cutting plotters made by Graphtec, Mimaki, Mutoh and SummaSign.

Hardware-specific drivers are also available to operate digital cutting tables from such manufacturers as Aristo, MultiCam, Kongsberg, Zünd with the Print and Cut Module.

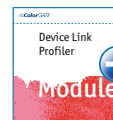## Brilliant color reproduction, neutral grey balance, natural skin tones

The exact coordination of profiling tools for Productionserver 6 guarantees you complete color control for all printing media, along with additional timesavings and maximum production reliability in digital printing services from proof to print.
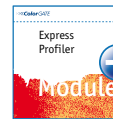
The ColorGATE profiler modules at a glance

Profiler PFM
Assistant-guided creation of professional ICC profiles

Device Link Profiler DLPFM
Workflow-specific optimization for visual and spectro accurate top-quality proofs
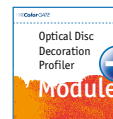
Express Profiler EPFM
Create high-quality profiles in just a few minutes – ideal for frequent material changes. Color-consistent production on different machines and media
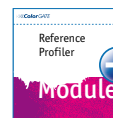
Multicolor Profiler MCPFM
ICC profiles with the support of additional color channels, such as CMYK O(range)/G(reen) or CMYK R(ed)/B(lue)

Optical Disc Decoration Profiler ODDPFM
ICC profiles to print optical data media

Reference Profiler RPFM
Reference profiles for any printing system (digital / offset / screen / photo)

Individually configure
Productionserver 6: A perfect fit!

Thanks to the system's modular concept, you can configure Productionserver 6 individually to meet your own specific needs to give you the absolutely perfect RIP solution, specially customized for the applications you use. The system is, of course, scalable and expandable at any time as needed – for the integration of new business segments into your services portfolio, for example.
And with the new Value Packs from ColorGATE for upgrade and support, you enjoy long-term investment and planning reliability – as well as other attractive price advantages.

www.colorgate.com – it doesn't get any easier than this!!

Job management, color management, workflow management – Productionserver 6 provides you with an extensive range of modules, which have been carefully matched to one another and equipped with powerful functionalities for a more productive workflow.
To help you decide which configuration options best suit your applications and planning, take advantage of our interactive information and advising offer at www.colorgate.com – which also includes the clearly structured PDF documentation of your individual product choices.

Output Management

One of the great strengths of Productionserver 6 is the optimal organization of the output management – from the set-up of fully automated workflows with virtually unlimited complexity to the management of print jobs and the conversion of PostScript, PDF and raster formats into system-specific raster data and right on up to the control of the printing systems including maximum exploitation of the functionalities provided by the hardware.
Our product solutions at www.colorgate.com also provide you with extensive information on the best possible configurations in these cases as well. Just give us a try!
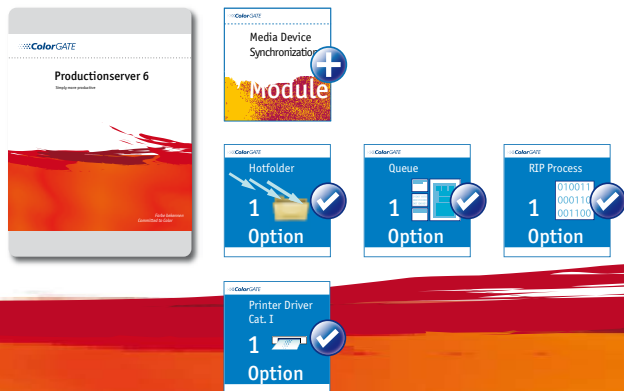
The right solution for any production environment

In the product portfolio, the individual PS 6 versions build on one another, i.e. PS 6 Pro includes all the functionalities of PS 6 Select; PS 6 Ultimate all the functionalities of PS 6 Pro, etc. The following pages will provide you with an initial overview of which Productionserver 6 is the right solution for you. Comprehensive, more detailed information on all the solutions is available online in the Functions Overview at www.colorgate.com

Productionserver 6 Select

The RIP solution that is just as powerful as it is budget friendly for in-house and corporate users, ideal for such applications as poster, display and banner printing as well as large-sized photos. Prepared for Ink Saver. Can be expanded as needed at any time. Designed to accommodate one printing system in the standard version.

Productionserver 6 Pro

The efficient, practical solution for print service providers meets all needs in wide/grand-format printing – from advertising to tradeshow graphics to large-sized POS advertising.
Can be expanded as needed at any time.
4 x higher productivity with the revolutionary Parallel Process Manager. Prepared for Ink Saver. Designed to accommodate two printing systems in the standard version.

Productionserver 6 Ultimate

High-quality large-format printing and additional ICC profile creation according to industrial standards along with fully integrated, intuitively operated quality-control technology.
Allows the creation and validation of individual company standards. Can be expanded as needed at any time.
4 x higher productivity with the revolutionary Parallel Process Manager. Prepared for Ink Saver.
Designed to accommodate four printing systems in the standard version.

Productionserver 6 UXT

Our most sophisticated RIP solution for production in keeping with international standards makes it possible to produce proof results in highest visual quality (delta E < 1). Optimal compatibility with cutting plotters and tables of leading manufacturers for efficient contour cutting and precise print finishing.
Can be expanded as needed at any time. 4 x higher productivity with the revolutionary Parallel Process Manager. Prepared for Ink Saver.
For flatbed and roll printers up to 5 m in width.

Productionserver 6 Ultimate modules/options:

Productionserver 6	Tiling Module	Container Module	Profiler Module
	Express Profiler Module	Quality Assurance Module	
	Hotfolder 20 Option	Queue 4 Option	RIP Process 4 Option
	Printer Driver Cat. I 4 Option		

Productionserver 6 UXT modules/options:

Productionserver 6	Tiling Module	Container Module	Proofgate Module
	Profiler Module	Express Profiler Module	Quality Assurance Module
	Cost Calculation Module	Print and Cut Module	
	Hotfolder 40 Option	Queue 4 Option	RIP Process 4 Option
	Printer Driver Cat. I 2 Option	Printer Driver Cat. I-III 2 Option	

Upgrade now!

Do you already work with Productionserver? – Then take advantage now of an attractively priced upgrade to Productionserver 6, the optimal solution for even greater productivity, the best possible color competence and enhanced added value.
Upgrade reasons that speak for themselves:

▶ Automatic correction of transparency problems in PDF files

▶ Profiler PFM was improved yet again for Version 6 – for highly brilliant color reproduction on all solvent, eco-solvent, UV and latex printing systems; the update of existing PFM licenses is included in the Productionserver upgrade free of charge

▶ Replace existing Cat-1 printer drivers free of charge, if desired

▶ Free upgrade of modules purchased for Version 4/5

▶ Complete compatibility of all MIMs and profiles from Versions 4 and 5 ensures reproducibility of all jobs created using these previous versions

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Committed to Color

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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.

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