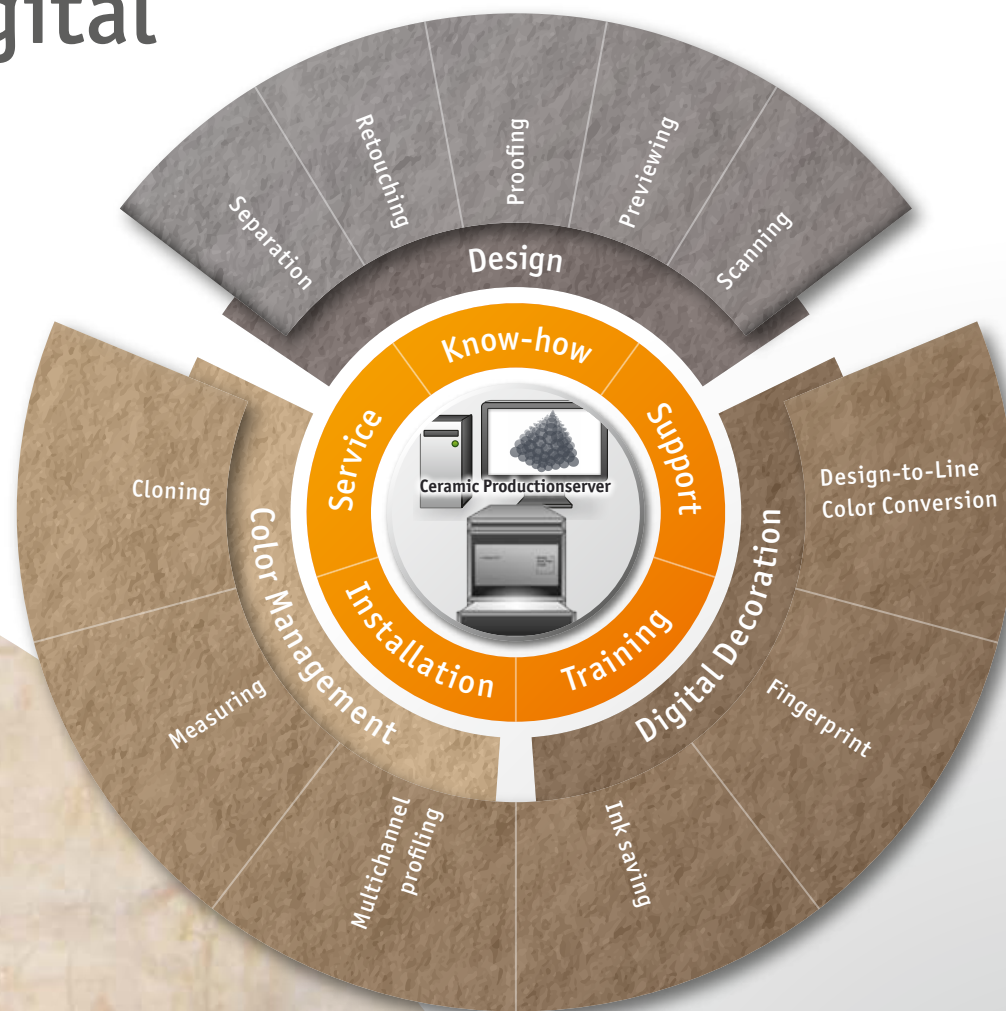




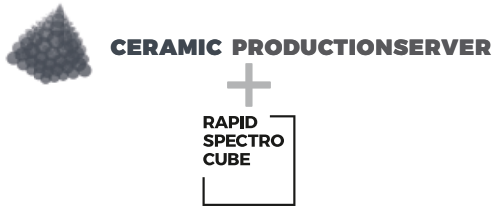
First total solution for digital ceramics tile production

Complete workflow and color management system dedicated to ceramic production environments



 **ColorGATE**

Innovative Solutions
Committed to Color



First total solution for digital ceramics tile production

Complete workflow and color management solution dedicated to digital ceramic printing and typical ceramic production environments.

- ∴ Support of all ceramic printing systems with 3 to 8 channels
- ∴ Central print data management system for highest process efficiency from the design to the final ceramic product
- ∴ Processing of all common file formats as well as multichannel data (Adobe Photoshop PSD and PSB files) with color correct preview
- ∴ Includes color management tools and workflows dedicated to ceramics
- ∴ Ink Saver technology for reduction of ink usage up to 15%
- ∴ Gamut preview function to select suitable color combinations
- ∴ Patented Fingerprint technology for color consistent re-runs of digitally decorated tiles
- ∴ Features n-Color-transformations for automatic design conversion between lines
- ∴ Provides RGB and CMYK working space profiles for convenient retouching using Adobe Photoshop

Design Creation

- ∴ Scanning
- ∴ Multichannel separation
- ∴ Retouching
- ∴ Previewing
- ∴ Paper proofing



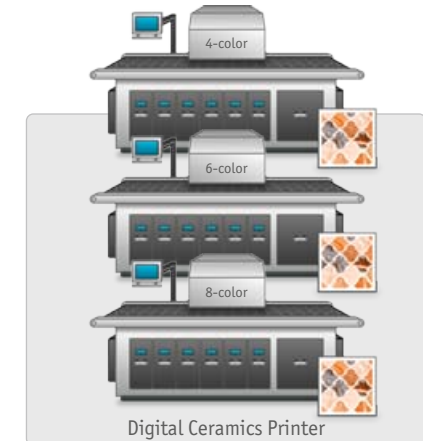
Color Management

- ∴ Line characterization
- ∴ Design optimization
- ∴ Design characterization
- ∴ Design conversion



Production

- ∴ Multichannel profiling
- ∴ Ink saving
- ∴ Design-to-Line Gamut assessment
- ∴ Color conversion
- ∴ Color consistent reproduction



“Ceramic Productionserver and Rapid Spectro Cube represent the first complete color management solution that solves all problems in digital ceramics decoration.”

Juan Martorell Climent,
Color Management and Ceramics Decoration Expert,
CEO and Founder ColorInLab Color Consulting S.L

RAPID
SPECTRO
CUBE

RSC HD SP

- Ultrafast measuring and scanning solution
- Heavy duty system for ceramics environments
- Robust steel frame construction with resistant side walls
- Substrate drawer for convenient placement of substrates
- New solution for Scanning (S) and Profiling (P)
- Generates colorimetric scans of any surface
- For color accurate reproduction within Ceramic Productionserver

At a glance:

- Maximum substrate size 600x600 mm
- Substrate thickness 80 mm
- Maximum target size 450x450 mm
- Processing of up to 10,000 patches per target
- Omnidirectional illumination
- Creation of high-quality ICC profiles (CMYK, RGB, aNyColor)
- Size (HxWxD): 160 cm x 80 cm x 80 cm
- Weight: 75 kg

Scanning dimensions and resolutions

Size (XY) in mm	dpi
min. 233 x 175	715
332 x 249	600
400 x 313	500
400 x 377	400
max. 400 x 400	365



CERAMIC PRODUCTIONSERVER

New
patented
technology!

Fingerprint Module (FPRM)

- For fast color consistent print productions as well as re-prints of digital print jobs that contain an identical design for all decorative applications
- For exact color characterization of digital print jobs
- For archival of print production data to ensure ability to exactly reproduce archived jobs whenever needed



Fingerprint in a ceramic production workflow

1. Initial production and Fingerprint creation



2. Reproduction with Fingerprint Production File



- Fingerprint Production File**
- Designspecific
 - Colorimetric Fingerprint
 - Digital Design Reference
 - Universal reproducible



production workflow upgrade
Value Pack quality **success**
ColorGATE innovative
 remote support **future-proof**
Step-up security
 long-term support **update**
 all applications **productivity**

Service

- Competent installation and training service improve your production teams efficiency within days
- Profit from the deep know-how about digital ceramics production of the technology leader in industrial printing
- Global support as well as local companionship and technical assistance in all leading regional clusters for ceramics tile production available

Distributed by
COLORinLAB
 color consulting

www.colorinlab.com

ColorGATE

ColorGATE Digital Output Solutions GmbH
 Grosse Duewelstr. 1
 30171 Hannover
 Germany

T +49 511 94293-0
 F +49 511 94293-40

contact@colorgate.com

www.colorgate.com

Further information and consulting services

© 2016 ColorGATE. All rights reserved. ColorGATE, Productionserver, Filmgate, Proofgate, Colorrizer, Rapid Spectro Cube, VDP Creator and SmartControl are registered trademarks of ColorGATE Digital Output Solution GmbH. All other product and manufacturer names are possibly brands of their respective copyright holders. Due to the constant further development and improvement of our products, functionalities and performance features are subject to change without prior notice.

