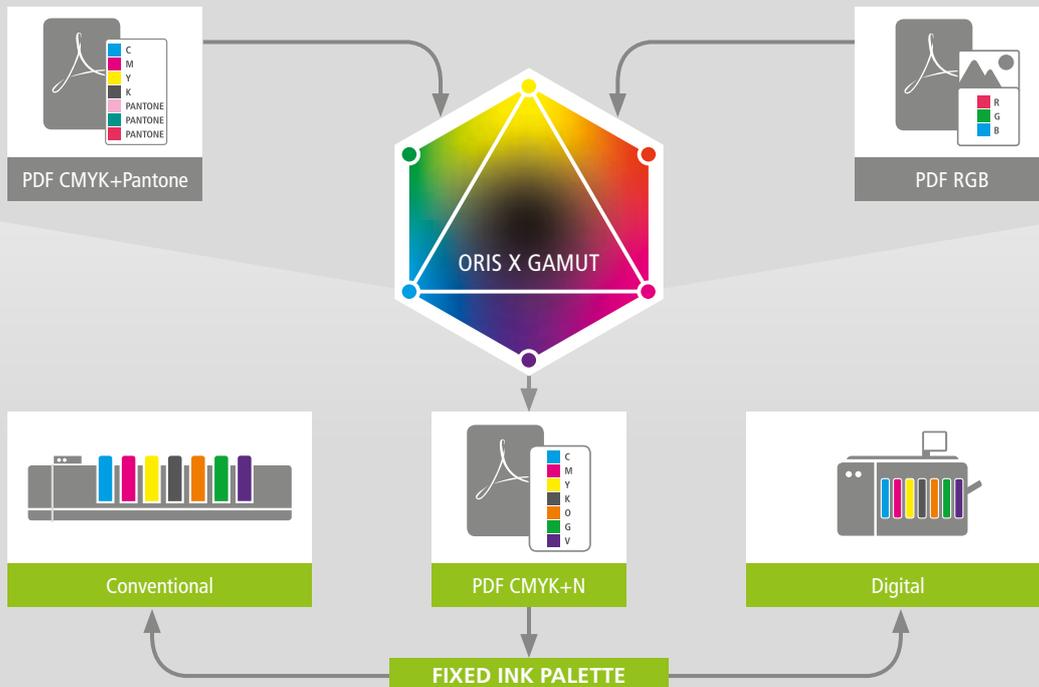


ORIS X GAMUT

Accurate spot colors and brilliant images—
with software instead of expensive inks



ORIS X GAMUT – Optimized production process for multi-color printing

ORIS X GAMUT is a fully automatic color management software for extended color printing on digital and conventional presses. Using a standard fixed 7 or 8 color ink set, spot colors can be accurately reproduced—usually by adding orange, green and violet to the standard process inks. No need to mess around with special ink mixes.

The perfect match of software features and intelligent workflow tools in ORIS X GAMUT enable printers to leverage the full gamut of the press and ink set so that spot colors and images are brilliantly reproduced in all their detail—all without the need for special color inks. This not only considerably streamlines the production process, but also helps to reduce costs enormously—for printers and clients alike.

ORIS X GAMUT also includes the basic features of our award winning ORIS PRESS MATCHER // WEB.

Key Features

- Accurate spot and brand color reproduction using a fixed color ink set (CMYK+n)
- Increased color saturation of picture files leveraging the full gamut of the extended gamut
- Separation and conversion of PDF data with spot colors into multi-channel data
- Generation of custom test charts
- Access to commonly used spot color tables, such as Pantone or HKS
- Create and edit own spot color libraries
- Connectivity to ORIS CxF Cloud to communicate all colors easily and quickly, worldwide
- Perfect results through wizard-based operation and the perfect match of software features
- Fully automated processes due to intelligent workflow tools
- Simple QC check with spot color report and process control with ORIS CERTIFIED // WEB

ORIS X GAMUT

Accurate spot colors and brilliant images –
with software instead of expensive inks



Spot color reproduction and corrections

Normally a fixed color ink set, comprising the four standard process colors CMYK augmented by adding orange, green and violet is used although many variants are also possible. With **ORIS X GAMUT** the color space is extended to enable the reproduction of an extremely wide range of special colors. Beyond the exact reproduction of brand colors, the software also provides optimization and verification of the end result. In other words, **ORIS X GAMUT** extracts the DNA of the spot and CMYK/RGB colors in the print job and translates them into the extended fixed color palette of the press.

Increased color saturation of picture files

The second area in which the strengths of **ORIS X GAMUT** come into their own is the reproduction of RGB data. Because the software makes it possible to optimally exploit the wide color space of the extended ink set, the result is brilliant print results, clearly different from conventional processes.

Separate and optimize spot colors and picture data

The key to the perfect result is the intelligent separation and conversion of the measured color data into the extended fixed set of process colors in the printing process. Special and brand colors can be replaced and reproduced exactly without special inks. Color conversion is optimized so that the smallest possible number of separations are always used. Moiré effects or cloud formation are eliminated, and total ink coverage is also minimized resulting in faster drying times and a leaner production process.

Create multi-channel profiles

With **ORIS X GAMUT**, you can easily create multi-channel profiles that can also be used independently of your workflow.

Test chart generator

Customized test charts can be created with the built-in test chart generator. They form the heart of the process by measuring the reference color space of the printing system for the color conversion process. Several measuring devices are supported (e.g. X-Rite, Konica Minolta or Barbieri).

Create and manage special color libraries

ORIS X GAMUT can access commonly used spot color tables, such as Pantone or HKS. In addition, however, you can also create your own libraries and you can import and edit color data via CxF. There is also direct access to ORIS CxF CLOUD so that all colors can be communicated easily and quickly, worldwide.

Decades of experience

CGS has been at home in the graphic arts industry for over 30 years. Early products were digital design systems and production workstations with innovative workflow and complex color control software. This high-end production color management experience, unique among today's software suppliers, has enabled CGS to achieve, and maintain, its market leadership position in delivering productive solutions to the digital printing market.

System recommendations

To achieve maximum performance, we recommend the following equipment:

- Intel® Core i7 6th. gen. or better
- 16 GB memory (RAM) or more
- 1 TB HDD (internal storage) or more
- Windows 7 or higher
- Internet Explorer 11

The exact hardware configuration depends on the type and number of output devices.

Supported measuring instruments

- All current models from X-Rite
- Techkon SpectroDrive, SpectroDens, SpectroJet
- Barbieri Spectro LFP qb, Spectro Swing
- Konica Minolta FD-5, FD-5BT, FD-7, FD-9, FD-9 NET
- ColorScout A+ table with FD-5, FD-7, Ci61 or Ci64