

EN

# Solutions Overview 2024

**HYBRID**  
SOFTWARE

We Share Your Heartbeat.



## Our mission

Delivering leadership in software and electronics for industrial printing and packaging, driven by the intelligence and passion of our people, speaking the language of our customers, and sharing their heartbeat.



# The heartbeat of industrial printing and packaging.



## Our award winning solutions:



→ Enterprise Production Workflows



→ Native PDF Editors



→ 3D Rendering and Visualization



→ Color Management Solutions



→ High-Speed Digital Front Ends



→ Printhead Drive Electronics

## Exceed your sustainability goals

Our solutions are helping customers reach their environmental sustainability goals, by enabling just-in-time production of printed goods to reduce waste, lower inventory, and shorten the supply chain. Together with our global partner network and customers worldwide, we are focused on contributing to a more sustainable printing industry.

290

employees

15

years in business

100

engineers

14

offices worldwide

6

brands



CLOUDFLOW



MyCLOUDFLOW

# Modular workflow automation suite for labels and packaging

CLOUDFLOW is a modular production workflow suite for file processing, asset management, soft proofing and workflow automation. It is a web-based application platform specifically tailored for the packaging graphics with support for PDF, color separation, trapping, screening, proofing and much more. MyCLOUDFLOW offers print workflow automation in a hosted SaaS business model and is the ideal workflow for MyPACKZ customers.

## Why choose CLOUDFLOW?

- Modular architecture - combine a large variety of functional modules
- Power your preprocess with industrial printing at full speed
- Award-winning screening and flexo plate layout technology
- Fastest RIP for packaging output
- Cost-effective color management solution for brand color matching
- On premise or CLOUD based
- MyCLOUDFLOW is setup in minutes and managed by HYBRID Software
- Open standards





### Prepress automation with PACKZFLOW

Complete set of prepress functions, such as document preflight and correction, separation handling, barcodes, transformations, trapping, flattening and more.



### Collaborative approval workflow

Proofscope turnkey solution for soft proofing and collaboration. Feature advanced markup, measurement and annotation tools.



### Intelligent Flexo

Agnostic surface screening solution for high-quality flexo print that lowers ink consumption and increases print quality.



### High-speed native PDF RIPping

Fastest RIP for packaging output based on proven Global Graphics Harlequin RIP® technology. Optional Velvet Screening improves highlights and gradations in Flexo printing.



### Colorspace centralized color management

Consistent color matching with estimations and statistics, ultimate output routing flexibility for automated color conversions to conventional, digital and hybrid print conditions.



### Your smart print IT

Secured computing platforms operated by HYBRID Software, access point and strong data protection with MyCLOUDFLOW, the SaaS offering version of CLOUDFLOW.



Want to  
know more  
about this  
product  
?





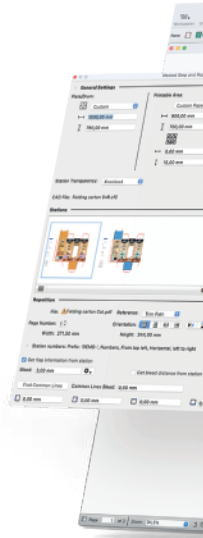
# All-in-one PDF editors for labels and packaging

PACKZ and STEPZ are all-in-one prepress job editing and layout applications for making label and packaging artwork ready for any printing process, digital or conventional.

MyPACKZ offers the same fusion of cutting-edge automation and dedicated tools in a hosted SaaS business model and is the ideal editor for MyCLOUDFLOW customers.

## Why choose PACKZ?

- Effortless PDF editing
- User-friendly and intuitive interface
- Powerful prepress features for any printing process
- Customized tools for increased production efficiency
- Intelligent action lists in WYSIWYG view
- Reduced error rates and quality improvement
- Import and export data from external sources
- Seamlessly integrate with CLOUDFLOW production workflows
- In-app solutions store
- On-premise or cloud-based





### Faster prepress with fewer clicks

Gear up prepress production with the unique blend of automated actions and comprehensive range of prepress tools.



### Optimized quality control

Visually identify differences between versions and report print-specific issues using smart preflight presets.



### Roll and sheet layouts

Generate step and repeat rapidly with the full complement of step and repeat solutions for label, flexible packaging and folding carton.



### Variable Data Printing and Content XML

Produce unique seasonal packaging and personalized labels with the VDP wizard and generate artwork from XML markup language.



### Broadest 3D and warp offering in the industry

Non-destructive and accurate distortion of artwork for printing supreme-quality shrink sleeves and die-formed metal packaging.

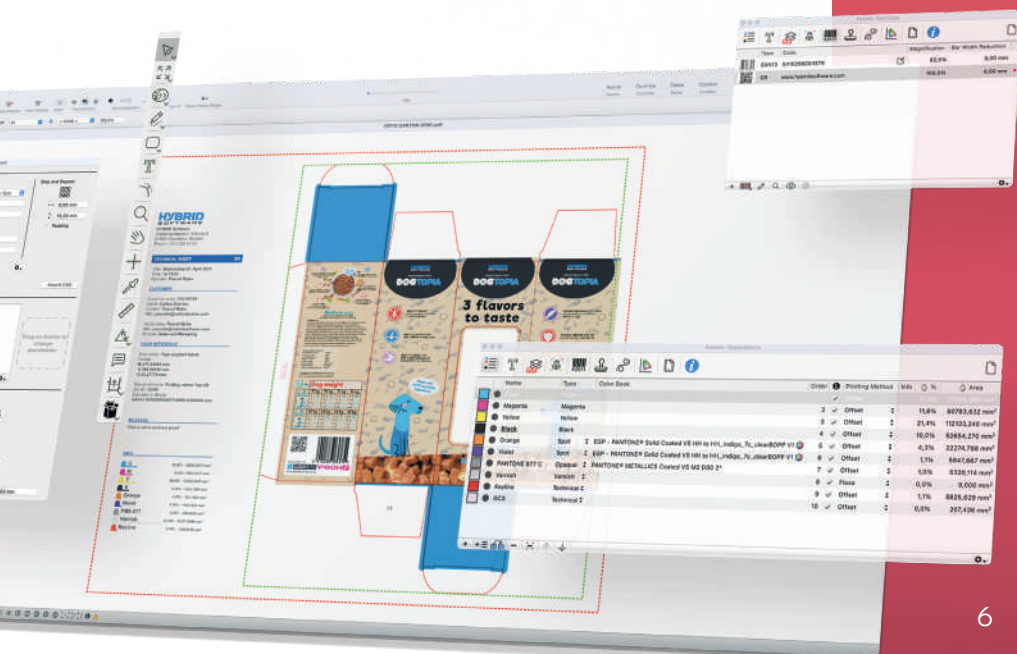


### Colorspace premium color management solution

Match specific print conditions or get comprehensive insights into spot color performance by expanding the color gamut and intelligently reduce ink and plate consumables.



Want to know more about this product ?



Color	Printing Method	Info	Area
3	Offset	16.8%	89789.652 mm²
9	Offset	21.4%	112132.346 mm²
4	Offset	10.0%	52464.270 mm²
6	Offset	-4.3%	22274.788 mm²
5	Offset	1.7%	8847.682 mm²
7	Offset	0.3%	1336.714 mm²
8	Plate	0.0%	-
9	Offset	1.7%	8847.682 mm²
10	Offset	0.6%	307.436 mm²



# Solutions for realistic product visualization, prototyping, scanning and artwork distortion

iC3D's suite of tools modernizes the packaging design and visualization workflow by streamlining the entire packaging production process. Thanks to realtime ray tracing, create realistic product mockups from concept to completion on the fly.

Capture 3D's innovative technology enables precise and easy grid creation and artwork distortion of wrapped shrink sleeves, die-formed metal cans and threaded bottle caps in minutes.

## Why choose iC3D and Capture 3D?

- Photorealistic 2D and 3D packaging rendering
- Universal compatibility with advanced 3D file format support
- User-friendly interface and short learning curve
- Interactive with PACKZ for artwork application
- 3D digital asset management and collaboration tools
- Premier results for heat-wrapped shrink sleeve and metal cans
- 2D and 3D mapping for accurate deformation and modeling
- Interactive 3D viewing and PDF warping







### 3D Template Library

Create and store 3D models, bottles, bags, cartons, trigger spray, displays, cellophane wraps, blister packs, and more.



### Point Editor and Physics

Advanced manipulation of 3D models, meshes/surfaces. Create realistic creases and dents.



### Real Time - Ray Tracing

Photographic quality rendering in real time. Adjust materials and lighting to view changes instantly.



### Materials and Textures Library

Categories include: base materials, fabrics, glass, liquids, metals, plastics, printed card, wood and stone, with added custom material capabilities.



### Animation / Recording

Create professional rendered MOV or MP4 movies and animations for product visualization and presentations.



### Precise Grid Management with Capture 3D

Manufacturers gain effortless control over every aspect, geometry, and proportion of the distortion grid within a live 3D workspace.



Want to  
know more  
about this  
product  
?





# Complete color management solutions

ColorLogic GmbH is a global company dedicated to delivering cutting-edge software technology for color management. Our suite of products includes ColorAnt, CoPrA, and ZePrA, offering an extensive array of color management tools with remarkable automation capabilities. Powered by ColorLogic's sophisticated technology, our software solutions are also available as an SDK for seamless integration into your own software products.

## Why choose ColorLogic?

- Flexible, customizable profiling solutions in any color space
- Based on ISO standards such as ICC and PDF for openness and flexibility
- Automatic and manual measurement data correction
- Compatible with leading color measurement devices
- Comprehensive profiling control center with multicolor and ECG options
- Supports major PDF/X standards for seamless production printing
- Detailed reporting and optimization capabilities
- Integrated workflow solutions for color conversion
- ZePrA technology is the heart of the color management in CLOUDFLOW Colorspace



# Key products



## Software for Color Management

Measure, correct and optimize RGB, CMYK, Multicolor and ECG measurement data prior to profiling.



## Software for Color Profiling

Creates high-quality printer, DeviceLink and SaveLink profiles for any color space and printing process.



## Smart Color Server

Automates and optimizes PDF printing data and image files for efficient, high-quality printing workflows via DeviceLink profiles.



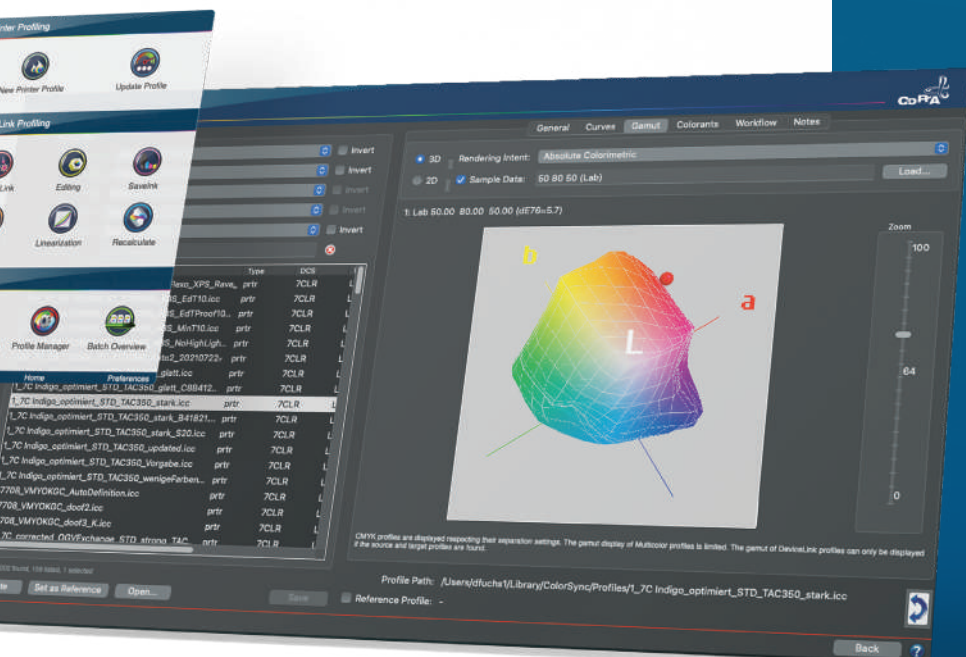
## Build solutions based on ColorLogic SDKs

CrossXColor SDK is a software development kit that allows developers to integrate ColorLogic's advanced color management technology into their own software products.



Want to  
know more  
about  
ColorLogic's  
solutions

?



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