



Harlequin ColorPro™

New with Global Graphics Software's 6.0/Kestrel release of the Harlequin® RIP is Harlequin ColorPro. Building on the industry leading software options: Harlequin ICC Profile Processor™ (HIPPTM) & Harlequin Full Color System™ (HFCS™), ColorPro provides excellent color process control, giving accurate,

consistent and predictable color reproduction for a wide range of workflows. ColorPro provides full support for industry standard ICC profiles (including device link profiles) avoiding dependence on the generic, system level color management of the computer's operating system.

ColorPro features include:

- N color profile support
- Grey Profile support
- Custom Rendering Intents
- Global Color Correction in LAB space
- Emulation - Allows for RGB-LAB-CMYK workflows. Based on research and discussions within the ICC body, the future of pre-press workflow will move in part to RGB. This feature will allow an RGB workflow to produce a press accurate proof. Mixed colorspace (RGB/CMYK) page layouts can be accurately proofed as well.
- Black threshold control added to Rendering intents – fine tune the black requirements for your proofs to simulate UCR/GCR requirements.

In- RIP Color Management

Decisions about color and output devices can be made late in the production process. With Harlequin ColorPro, a job can be targeted (or re-targeted) to a particular printing process or proofer at the last moment, without requiring any changes in the job itself.

Accurate Color Reproduction on any Device

Reproducing color outside of the color gamut of a particular device is handled by ColorPro through the use of "rendering intents", including support for object-based rendering intents.

Customized Color Corrections

Apply global color corrections (e.g., "warmer", "brighter") using the color slider controls when creating custom rendering intents.

ICC Profile Support

ColorPro provides full support of the ICC profile format (through version 4.0 of the ICC specification), defined by the International Color Consortium, to allow the installation and use of any profile meeting this industry standard.

Unique "Device-Link" Profile Support

ColorPro delivers full "device-link" profile support for direct CMYK-to-CMYK color transformations, providing the most accurate color possible while delivering an efficient color production workflow.

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FEATURES

Profiles	ICC input and output profiles ICC device link profiles Harlequin format device profiles Override (pre-existing) profiles in file
Rendering Intents	File-based rendering intents Object based rendering intents: <ul style="list-style-type: none">- Auto-switch within ICC Profile- User-configurable User selectable default styles (absolute colorimetric, perceptual, relative colorimetric, saturation) Custom rendering intents Selectable black generation Maximum ink Global color adjustment (color sliders)
Other Controls	Accurate rendering of named PANTONE™ colors Preserve 100% process black Selectable paper background Device calibration sets Device emulation Selectable viewing conditions

SPECIFICATIONS

Harlequin RIP Version	vs. 6.0/Kestrel and later
Operating Systems	Windows 95/98/ME/NT/2000 Mac OS - 8,9, X Unix – Solaris 2.8, Irix 6.5, Linux (Redhat 7.1)
PostScript Support	1,2,3
PDF support	1.2, 1.3

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