# Harlequin<sup>®</sup> TrapPro<sup>™</sup>

**Harlequin TrapPro** is Global Graphics Software's in-RIP trapping engine available with the Harlequin RIP. The Harlequin TrapPro object-based raster engine delivers outstanding performance and excellent memory utilization. It adds the features demanded by top printers and publishers and is designed to trap jobs automatically. This in-rip trapping can easily be set up to accommodate different types of jobs or customers. Trap settings can be saved to reduce system time improving both quality and consistency of trapped output.

#### Features

- Sliding Traps Avoid abrupt shifts creating smooth transitions in trapping gradients/vignettes.
- Mitred Ends and Joins Traps that taper or narrow to avoid unsightly artifacts.
- Narrowed/Proportional Traps Preserve all thin design elements.
- Image Mask Support Correctly trap masked images to avoid "lines" on mis-registration.
- Feathered Traps Soft edge or feathered traps produce less visible trap lines
- Complex image and fill support Support for all object types
- Special ink handling metallic (opaque) and varnish (transparent)
- Shaded fill (radial & axial) support
- Full n-color support for CMYK and spot colors
- Protects small text and graphic elements
- Anamorphic trapping.

#### New Trap Brush

- Intelligently compares object and trap requirements and adjusts the traps to be proportional to the original object.
- Prevents artifacts such as "mushroom" trap ends

#### Automatic

 Auto-chokes superblacks by default, ensuring that superblack objects maintain a sharp, crisp edge.

#### Color

 Trap color density reduction to produce less visible traps between abutting colors.

#### Performance

- Improved efficiency over earlier Global Graphic Software solutions.
- Recognizes trap zones generated by PostScript<sup>®</sup> Language Level 3-compatible applications and evaluates only the defined trap zones for trapping.

#### Preview

- Use the Harlequin RIP ROAM<sup>™</sup> and "highlight traps" features to preview all applied traps.
- Find trapping errors before committing the file to film or plates.

## NEW IN 8.1

Trapping up to eight times faster

Complex transparency performance enhanced

Spot colors fine-tuned



### Harlequin TrapPro

RIP Version	Harlequin RIP Eclipse Release or above.
Performance Features	Honor trap zones
Color Handling	Ink Type Selection (Metallics, Varnishes, die-cuts, etc.)
	Set Neutral Density
	Essentially no limit to the number of inks supported
	More than 8bit color per channel
	Relative color step limit
	Trap color density reduction
Black Handling	Auto-choke Super Black
	Separate Trap width definable for black
Special Controls	Determine lay-down Order for opaque inks
Image Controls	Object to image trap placement
Preview	On-screen ROAM at full ripped resolution
	Highlight Traps (on/off user-selectable highlight color)
Platform / OS	Windows® 2000, 2003, XP, Vista, Windows Server 2008 Mac® OS X (10.4-10.5.x),Mac OS X Server (10.3.x,10.4.x).

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