

RIP & Screening Software

RIP Software

The Harlequin Host Renderer is a Raster Image Processor (RIP) developed by Global Graphics Software. It converts a page description language such as PostScript® or PDF into a stream of raster data that an inkjet printhead can understand.



HARLEQUIN®

The Harlequin Host Renderer is perfect for a wide range of applications, from complex coding and marking, through transactional, transpromo and direct mail, to commercial print, publication, and books, to labels and packaging, to industrial and functional print.

Meteor's Digital Front End 'MetPrint' and software API 'Print-Engine DLL' accept PDF and other image formats using the fully integrated Harlequin® Host Renderer™.

Why Harlequin?

Time to market

- easily adopt a RIP solution that is seamlessly integrated with the Meteor datapath

Proven

- first used in a production system in 1988, Harlequin is now at the heart of digital presses including Canon, Delphax, HP Indigo, HP PageWide, Memjet, Roland and Durst

Powerful features

- interpret a wide variety of native file types including PDF, PostScript®, EPS, TIFF™, JPEG, PDF/X, PDF/VT through one rendering engine
- for labels and packaging, export technical and structural contours, brand colour match and override overprint for white and varnish
- for process control, postal delivery and supply-chain logistics, use flexible In-RIP barcode generation
- built-in colour management using ICC profiles with Harlequin ColorPro™

Screening Software

ScreenPro is a multi-level screening engine by Global Graphics Software that compliments any workflow by improving the print quality from inkjet printheads. It does this by addressing in software many of the quality defects that are difficult and expensive to correct mechanically.



Meteor's Digital Front End 'MetPrint' and software API 'Print-Engine DLL' accept contone images using ScreenPro™.

Advanced Inkjet Screens

Meteor's integration of ScreenPro offers a set of Advanced Inkjet Screens™ that have been tried and tested in the field. 'Mirror' screens are used for non-absorbent media such as plastics or metal. 'Pearl' screens are used for absorbent substrates such as paper and board. In most of cases, use of Advanced Inkjet Screens will significantly improve print quality.

Functionality

- works with all industrial inkjet printheads driven by Meteor
- tuneable to specific substrate and ink choices
- compatible with any RIP that creates eight-bit contone output
- for absorbent or non-absorbent substrates

Benefits

- reduces chaining (streaking) and mottling
- simple upgrade for existing users of Meteor software
- optimises inkjet print quality

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V1.0

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Meteor Inkjet Ltd is a leading independent supplier of industrial inkjet electronics, software, tools and services. Working closely with all major industrial inkjet printhead manufacturers, Meteor offers production-ready solutions to print system builders world-wide.



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