Express RIP V.8 now offers higher power, higher productivity and higher flexibility in prepress, digital printing and workflow applications than ever before. It's the one commercially available native PostScript®, native PDF and native XPS RIP for the Graphic Arts market. It can seamlessly integrate with Compose's workflow and output solution. It is developed to provide you an impressive line-up of advanced screening, trapping and colour management with increased efficiency. It's the ideal RIP engine to use across all your prepress and printing operations!

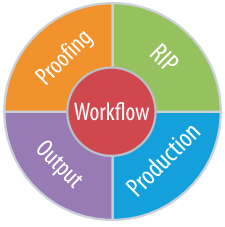
RIP Family

Maximum performance,
efficient data delivery

Express RIP

Highlights

- Native support for PDF 1.7 (native support for PDF 1.6 through to PDF 1.0), also PDF/X-1a, PDF/X-3 and PDF/X- 4
- XPS v.1.0 (XML Paper Specification, the print and document format available with Windows®Vista™)
- Adobe PostScript Language Level 3 compatible
- Fully support HD photo, TIFF, JPEG & GIF files format
- In-RIP font emulation and composite font support
- Choice of raster and vector in-Rip trapping options
- Enhanced colour management system
- High performance, simultaneously RIP and print
- Seamless integration with Compose workflow and pressroom products: Express WorkFlow / FlexoFlow / NewsFlow / ColorFlow / PrintShop and InkScript Server
- Supports multiple input channels - AppleTalk, NT Print, NT Pipe, Spool folder, Socket TCP/IP, Serial port
- Compliant with the JDF 1.3 specifications
- CIP3 support generates ink key data automatically
- Multiple screening options
- Support over 200 output devices
- Improved multi-threaded rendering for new Duo and Quad core technologies



compose

An Open Future

www.compose.com.hk www.compose.co.uk www.composeusa.com

Features & Benefits

Support wide range of input files

PostScript® Language Level 1, 2 and 3 specifications, native support for PDF 1.7 through to PDF 1.0, also PDF/X-1a, PDF/X-3 and PDF/X- 4, TIFFT 6, TIFF-IT/P1 (optional), XPS v.1.0, HD Photo, JPEG, GIF, DCS 1, DCS 2, EPS, JBIG2, and JDF 1.1a, 1.2 , 1.3 (optional).

Comprehensive range of output devices supported

Supports over 200 output devices such as imagesetters, platesetters, large format inkjet plotters and laser printers from major manufacturers.

Preview page before printing

Able to preview jobs before printing saving time and media wastage. Separations can be viewed individually or together in full colour.

In-RIP trapping

Choice of vector and raster based in-RIP trapping options to automatically trap PostScript and PDF files as they are ripped.

Colour management

Express RIP provides excellent colour control to ensure consistent, accurate and predictable colour reproduction. Users can create ICC profiles using Color Pro or can use pre-configured ICC profile plug-ins that Compose has developed for a variety of devices.

CIP3

The CIP3 plug-in produces Print Production File (PPF) files in-RIP. This optional plug-in allows Express RIP users to generate press-specific ink key data automatically from ripped files.

TIFF/IT

Supports TIFF/IT input file format widely used in the delivery of electronic content in magazine and newspaper publishing.

Multi-purpose RIP

Optional output device plug-ins enable Express RIP to drive both imagesetter or platesetter simultaneously with a proofing device.

Support Multi-threaded Processor

Improved multi-threaded rendering that helps remove RIP bottlenecks in handling raster data and takes full advantage of the new Duo and Quad core technologies.

Advanced Screening Technology

Harlequin Precision Screening

Harlequin Precision Screening (HPS) - a colour screening technology that minimises the moiré patterning effect from colour separations output to ensure high quality reproduction with any screening option in the RIP.

Harlequin Dispersed Screening

Harlequin Dispersed Screening (HDS) - a Frequency Modulation (FM) screening technology that eliminates moiré and produces better definition than conventional screening, and it is less registration critical.

Harlequin Error Diffusion Screening

Harlequin Error Diffusion Screening (EDS) – this screens continuous tone images into halftone reproduction to improve image smoothness in highlight and shadow. The EDS plug-in is suited for outputting to high quality inkjet printers with 1-bit and 2-bit error diffusion screening.

Harlequin Chain Screening

Harlequin Chain Screening (HCS) - a screening method that uses long elliptical dot instead of conventional symmetrical dot shapes to create smooth flat tints and vignettes even when working at low-screen rulings.

Harlequin Micro Screening

Harlequin Micro Screening (HMS) - a screening method that allows higher detail with minimised moiré to make possible printing at high-screen rulings (above 150 LPI) without loss of highlight detail.

System Requirements

- Operating systems supported
- Windows XP Professional SP1 or higher
- Windows 2000 Professional or Server with SP4 or higher
- Windows 2003 small business server
- Mac OS x (10.3.9)
- Linux Enterprise ES

  For recommended PC or Mac systems hardware please refer to your dealer.

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