

# SDP-RIP Options

*Increase Workflow Productivity,  
Quality and Dependability*

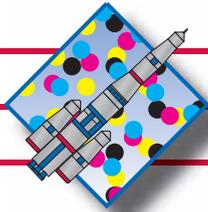


*Step up to automation*

*Increase job control*

*Reduce errors*

*Ensure correct output*



# SDP-RIP

The SDP-RIP from Mitsubishi Imaging is the newest generation of RIP software based on the Harlequin RIP technology. It is designed to increase workflow productivity, quality and dependability and a cost-effective solution for small to mid-sized printers. Increase the power of the SDP-RIP with optional tools that enhance its functionality and provide the user with a higher level of automation and more efficient file processing.

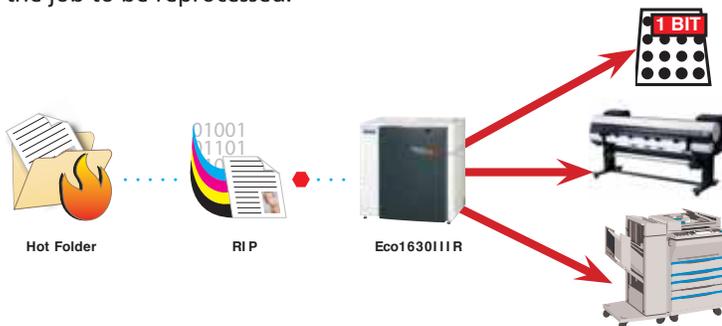
## Smart Manager

Smart Manager is a primary step toward automation. Instantly you will see the benefits of Smart Manager's Client/Server architecture which allows you to administer, configure and monitor file production. Installation of the Smart Client on a Mac or PC workstation enables remote access to Smart Tools. You can drag & drop files directly into any workflow for processing. The workflow will accept .AI, .EPS, .PDF and .PS file formats. Once your job appears in the list just right click on any job and gain access to additional job information and control. Smart Manager is the cornerstone module to Mitsubishi's Smart Tools workflow.



## Job control at your fingertips

When time is of the essence, Smart Manager allows on-the-fly Page Setup editing. Entering edit mode, the user can access core settings that can be changed or modified while the RIP is processing other jobs. Changes can be made globally or on a per job basis. Quickly modify separation settings, trapping, rotation, and page features. When editing is complete the user can resubmit the job to be reprocessed.

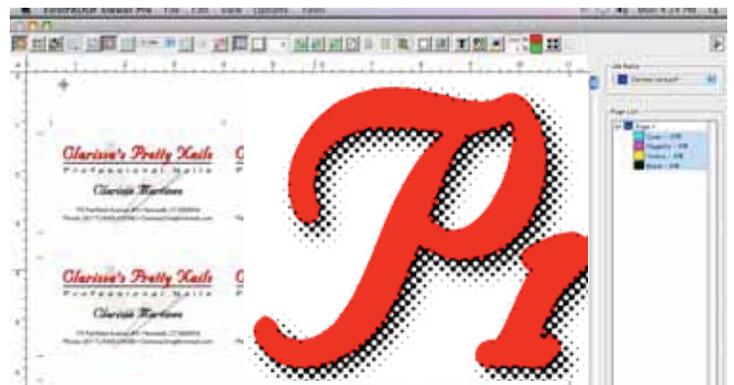


## Multiple output made easy

Redirect any job to another workflow setup for additional output. Create a 1 bit TIFF for older legacy devices or generate an 8 bit color managed TIFF for various proofing devices and even output to your desktop or office printer.

## Ensure correct output

Once the plate files have been generated by the RIP you can view the actual 1 bit TIFF's that will be sent to the platesetter. The zoom tool will allow you to enlarge the TIFF's up to 800% and to check the file for knockouts, overprints, moiré, traps, ink density or separations to be output.





### TrapPro

Increase the efficiency of your RIP-Software with the integration of the trapping engine TrapPro. By using screen values you are able to perform object-based identification and trapping. TrapPro supports current PS and PDF workflows. Its In-RIP Trapping is designed for all requirements of the Adobe PostScript 3 Trapping Standards.

Trapping Features	TrapPro	Adobe IRT
Adobe Rules	Y	Y
Sliding Traps	Y	Y
Narrowing Traps	Y	Y
Feathering	Y	N
Complex Color Support	Y	Y
Mitered Ends & Joins	Y	Y
Anamorphic Traps	Y	Y



### HDS Screening

HDS Screening is a patented second generation stochastic screening system. As part of the Harlequin Screening Library, HDS is one of the screening options available for the Harlequin® RIP. In addition, HDS is the standard screening method included in versions of the Harlequin RIP designed for low-resolution output devices. HDS creates reproductions with increased sharpness over conventional screening methods and offers complete freedom from both cross-screen and object moirés. Also, HDS Global has addressed many of the deficiencies in other stochastic screening techniques to provide a robust and high quality screening solution for a variety of printing situations.



### CIP3

CIP3 is a digital file used to preset the ink fountains on the press, thus reducing make-ready waste and time. With this option you can generate CIP3 PPF Files up to Version. 2.0, related to the specifications of the CIP4 organization. With this CIP3 data, you can then make pre-adjustments of the ink keys of compatible printing presses.



### Diamond Jet Proofing

Mitsubishi can meet your critical proofing needs with solutions that provide support for various printers. Beginning with support for older proofing technology to the newest printers available from



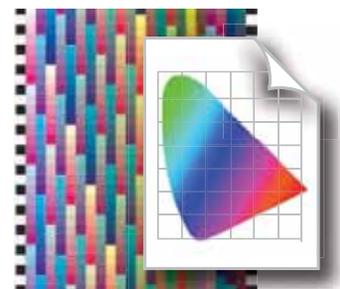
Epson such as the 4880, 7880 and the 9880. As printer technology becomes more sophisticated, so do the choices. Mitsubishi now offers the **Canon iPF** series printers that are engineered to produce colors, fine details, and subtle expressions required for some of the most challenging color environments such as photography, proofing and professional graphic applications. The printers are equipped with the ability to recalibrate themselves to the original factory settings and apply any necessary adjustments across the printer's media types.

### Printers Supported

Epson 3000, 4000, 5000, 7000, 9000, 10000, 7600, 9600, 10600, 4800, 7800, 9800, 4880, 7880 and 9880.

Canon 2200, 7200, W6400, W8400, iPF5000, iPF8000, iPF9000, iPF5100, iPF6100, iPF8100 and iPF9100.

With every printer we support Mitsubishi can provide an **ICC Profile** for all the proofing media we recommend for each device. Using industry standard software each profile has been generated and tested in-house to provide ultimate quality output. By creating a base calibration, ink limit tables and ink conversions, we can provide the best results for each printer.



### Mitsubishi Diamond Jet Media

Our papers are a step above the competition—we have the patents to prove it. Our unique engineering process gives the papers enhanced stability so they perform flawlessly. We offer economical matte grades for imposition proofs and microporous coating for instant dry proofs. Special shades match commercial printing stock and bright whites look and feel like printed sheets. Bright white base keeps faith to colors and provides a broader color gamut using minimal optical brighteners. Compatible with all inkjet printers—both dye-based and pigmented ink sets.





POWERED by  
**Silver DigiPlate™**

**Value in Vision**

SDP RIP Options is one of dozens of innovations that Mitsubishi Imaging brings you. We're the industry leader in polyester plate technology. Our full range of platesetters and consumables enhance your production workflow. Our proofing papers set the standard for color consistency. In short, everything we do is designed to add value to your vision.



555 Theodore Fremd Ave.  
Rye, NY 10580-1451  
800.765.9384  
[www.mitsubishiimaging.com](http://www.mitsubishiimaging.com)



Fuji Building  
2-3, Marunouchi 3-chome  
Chiyoda-ku, Tokyo 100-0005, Japan  
+81-3-3213-3744