

ImageJet 2000™

The Accurate Pre-Press Quality
Answer for 6 Color Printing.
Harlequin ScriptWorks™

ImageJet 24 (Windows 95/98/NT/Macintosh)

ImageJet 36 (Windows 95/98/NT/Macintosh)

ImageJet EX/XL (Windows NT Only, 98 version)

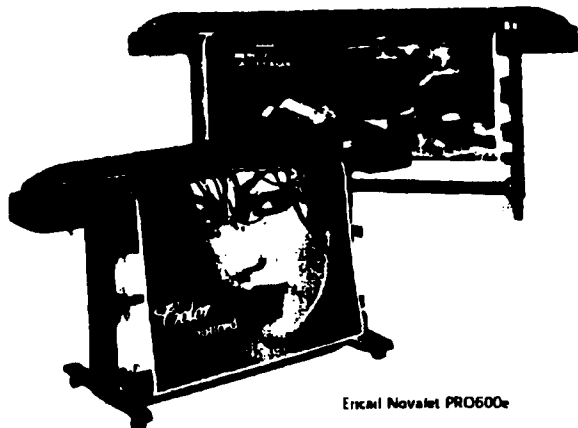
ImageJet 2000 (Macintosh Only)

ImageJet PostScript RIP

Since 1986, Visual Edge Technology has been a pioneer in raster image processing (RIP) software tools for Inkjet and electrostatic printers. Our RIP tools convert PostScript or TIFF files to near photo-quality large scale images for use in exhibitions, sign advertising, fleet signs, and formal presentations. The ImageJet RIP software provides extensive color management, prepress, and precise printer control to achieve outstanding color brilliance and image resolution for any size output.

Our patented stochastic error diffusion algorithms create bright crisp large format images with smooth lines and even color blends. At the heart of our RIP products is the Harlequin ScriptWorks™ PostScript interpreter. This gives the ImageJet RIP exceptionally fast RIP speed and near-photo quality output.

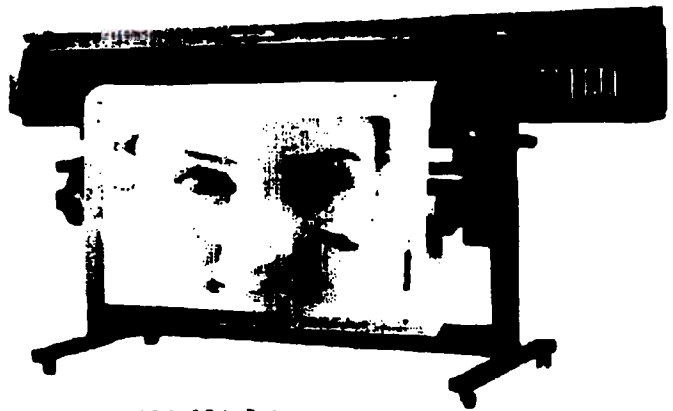
This core technology, until now, was only available for very advanced printing systems. Today on-demand printers and corporate communications users can tap this powerful—and now affordable RIP processing capability used in our ImageJet PostScript RIP software.



Ericol Novalet PRO600e

VISUALEDGE®
TECHNOLOGY

Engineering & Imaging Systems



Roland Hi-Fi Jet 6 Color Printer

NEW Rip Support for Postscript Level 1,2, and 3.

The ImageJet 2000 RIP uses the Harlequin 5.11 Rip engine which actually let's you choose the Level of Postscript you want the application to run in.

NEW Roland Hi-Fi/Epson 9000 6 Color Drivers.

The ImageJet 2000 has the drivers for both the Roland Hi-Fi 6 Color 50 inch and 40 inch models, and Epson 9000 and 5000 Drivers. Both allow the use of VE 6 Color Screening or HEX/PhotoINK HDS Screening.

NEW HEX/PhotoINK HDS Screening.

ImageJet 2000 is the first version that allow's you to use Harlequins HEX/PhotoINK HDS Screening which allow your files to be ripped at much **faster** speeds than using Standard VE Screening. HEX HDS is the 6 color version of Standard HDS Screening. This also allows you to use ICC Profiles for color control with no VE Color Curve usage. HEX/HDS is available for the Epson 5000, 9000, and Roland Hi-Fi

NEW ICC Profiles Support.

ImageJet 2000 includes ICC profiles on the CD which are calibrated for the HEX/PhotoINK HDS Screens so you do not need to make your own. ImageJet 2000 also supports the importation of your own ICC Profiles to be used for any Screen

Hardware Independent

ImageJet is hardware independent—any PC or PowerMac can be used to RIP files and control multiple large format printers. There is no proprietary hardware server to buy. And ImageJet's performance improves as you upgrade your PC's performance.



Hewlett Packard 3000/3100

Standard ImageJet Features (all models)

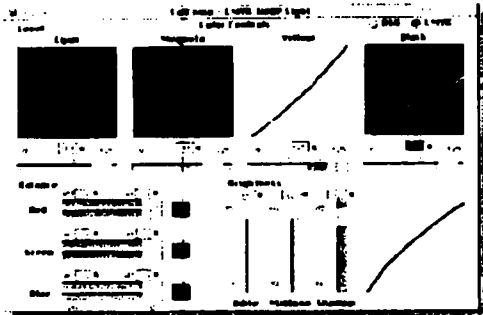
RIP 'N Print Spooling and Network Printing

ImageJet provides RIP and print output to a printer or multiple printers on a Windows NT network.

Color Look-Up Tables with ColorEdge™ Management System

Reproduce color images that look better than the originals. Eliminates color distortion by adjusting cyan, magenta, and yellow ink output independently—up to 20%. Change the look of reds, greens, blues, or even neutrals and 3-color black in your printed images with the Color Control balance group feature.

ImageJet color controls gives you control of color saturation through uniform adjustments to the curve position to allow for the variation in inks or substrates.



Color Edge™ Color Control

Black Substitution Support

Eliminate the smudging that results when black ink is added to saturated areas of CMY inks. ImageJet allows you to improve the quality of printed images by substituting black ink for CMY. Whether the image requires one-color black, three-color black, or four-color black, the control is in the ImageJet RIP, independent of the original file's black specification. Choices are: 1C-Black to 3C-Black, 3C-Black to 1C-Black, 1C/3C-Black to 4C-Black.

Recombine Separations

The user-mode instructs the ImageJet RIP to recombine separated PostScript files on the fly to produce composite print files. The result will be a processed file printed as a single, four-color image.

| | |
|--------------------------|--|
| File Support | RGB or CMYK files in EPS, EPS JPEG, PostScript ASCII and Binary format from Mac or PC applications. 99 & 2000 versions also support Tiff and PDF |
| Font Support | All PostScript fonts of types 0 (composite), 1, 3, and 4 |
| Network Support | EtherTalk or Netware for Mac, Ethernet or Parallel port for PC |
| Screening Options | Visual Edge (VE) Error Diffusion Screen, VE Fine Screen, Bayer dithering |
| Trapping | Automatically recognizes and processes trapping commands embedded in the PostScript files to help save set-up time |
| TIFF Select | Creates a thumbnail TIFF file for viewing color curves and images prior to RIPping. Simple preflight tool for fine tuning output parameters prior to printing, to save time and media. |

Networking & Spooling Capability

ImageJet can be used as either a stand alone design/preflight/RIP/print station or as a powerful workflow workstation in a networked environment. Submit and accept any PostScript file from any Macintosh or PC on

the network for RIP processing. Send RIPPed files to any printer. Use the ImageJet printer configuration setup and batch job/spooler features to send jobs to different printers simultaneously. Batch RIP and print jobs automatically by spooling jobs from the network.

Halftone Screens (XL and 2000 Versions ONLY)

In addition to the standard VE screens, we include 12 halftone screen options for a complete palette of screens tools. These screens provide high quality image output while reducing print time. Patterns: Euclidean, Elliptical, Line, Square, and Rhomboid.

The ImageJet Input Manager functions as both a batch job processor using spool folders and as a printer server controlling RIP and RIP/print jobs. Batch RIP and print automatically by spooling jobs from the network.

ColorEdge AutoProfiler (2000 Macintosh Version ONLY)

Optimize printer ink density output. Construct custom color profiles in minutes to meet your specific job needs. Use the AutoProfiler and a colorimeter to precisely measure the chromatic values of any printer. Use this baseline data to create new curves whenever you use new inks or media. The density profile modifications build new color curves for the conditions you specify.

File Support and Color Management

ImageJet supports RGB and CMYK files in EPS, JPEG, PostScript ASCII, and binary format. ImageJet 2000 and 99 versions also support Tiff, and PDF. Also supports both Mac or PC applications. Our ColorEdge™ color management tools gives you control of color, at the printer level, for consistent printer performance and output to save you time and money.

TIFF RIP (PhotoShop support)

A handy setup and printing tool to quickly size, tile, and print TIFF files to any size. This fully supports Adobe PhotoShop™ TIFF file format.

Curve Designer (2000 Macintosh Version ONLY)

Reproduce color images that actually look better than the originals. Eliminate color distortion by selectively reducing cyan, magenta, and yellow ink output by up to 20%. ImageJet color controls balance group changes the look of reds, greens, blues, or neutrals, even 3-color black in your prints.

Optional Print Manager for XL and 2000 Users

Step up and take the controls of the powerful ImageJet printer driver that allows you to optimize and simplify print tasks:

- Drag and drop files into the print queue
- Prioritize previously loaded jobs in queue
- Set hot folders for automatic printing of incoming print jobs
- Quickly identify print files with ID thumbnails.

Image Preview to Monitor/Preflight Tool

This preflight tool helps save time and money. Check PostScript files to debug files before RIPping or printing. Flag errors like font and image links, crop locations, even image positioning on media. There is no need to RIP and print a test print. The on-screen test will quickly let you see mistakes before you invest RIP time or paper stock.

For the latest specifications and printer support visit our website; www.visualegetech.com

ImageJet Selection Guide



| Maximum Printer Width Maximum dpi Workstation O/S | | 36" 300@24" Mac/Win95/NT | 36" 600@36" Mac/Win95/NT | 60" 720@60" NT ONLY | 60" 720@60" NT ONLY | 60" 720@60" Macintosh ONLY |
|---|---|---|---|--|--|--|
| Extended | TRF RIP (Photoshop support) ColorEdge Curve Designer (Macintosh ONLY) ColorEdge AutoProfiler (Macintosh ONLY) Embedded Print Manager CustomStamper (Macintosh ONLY) HHS Scanning | | Accessory Available | Accessory Available | | |
| | Halftone Screens Standard Fonts | | | | | |
| Standard | RIP n' Print Spooling Cleaner Level Printing ColorEdge Controls Prevent Color Leak Up Tables ImagePreview to Monitor VE Standard and Fine Screens Hangl Character Font Support | | | | | |
| | All models include drivers and color curves for Epson Stylus 1520 and 3000. Contact Visual Edge for details. We continually add new printers to our library. Contact your dealer or visit our website for the latest product specifications. | Eriscad Omega24 HP DesignJet 350C 24" 350C 36" 450C 24" 450C 36" | Eriscad Omega24 HP DesignJet 350C 24" 350C 36" 450C 24" 450C 36" | Eriscad Omega24 HP DesignJet 350C 24" 350C 36" 450C 24" 450C 36" | Eriscad Omega24 HP DesignJet 350C 24" 350C 36" 450C 24" 450C 36" | Eriscad Omega24 HP DesignJet 350C 24" 350C 36" 450C 24" 450C 36" |
| Printer Support | | | HP DesignJet 650C/655C 750C/755PS 2000/2500CP | HP DesignJet 650C/655C 750C/755PS 2000/2500CP 3000/3500CP | HP DesignJet 650C/655C 750C/755PS 2000/2500CP 3000/3500CP | HP DesignJet 650C/655C 750C/755PS 2000/2500CP 3000/3500CP |
| | | | CalComp TechJET 5500 Eriscad NovaJet III NovaJet PRO | CalComp TechJET 5500 Eriscad NovaJet 2, 3, 4 NovaJet PRO NovaJet PRO50 NovaJet54 NovaJet PRO42 NovaJet PRO40 NovaJet PRO60e | CalComp TechJET 5500 Eriscad NovaJet 2, 3, 4 NovaJet PRO NovaJet PRO50 NovaJet54 NovaJet PRO42 NovaJet PRO40 NovaJet PRO60e | CalComp TechJET 5500 Eriscad NovaJet 2, 3, 4 NovaJet PRO NovaJet PRO50 NovaJet54 NovaJet PRO42 NovaJet PRO40 NovaJet PRO60e |
| | | Epson 1520, 3000 | Epson 1520, 3000 | Graphtec J1130 Mimaki J1-1300 Roland C170 Epson 1520, 3000 | Graphtec J1130 Mimaki J1-1300 Roland C170 Epson 1520, 3000 | Graphtec J1130 Mimaki J1-1300 Roland C170 Hi-Fi Jet 6 Color Epson 1520, 3000, 5000, 9000 6 Color |

Systems Requirements

| RIP Version | Macintosh | IBM Compatible |
|----------------------------|-------------------|---|
| CPU (recommended) | G3 | Pentium 166 MHz |
| OS (recommended) | System 8.1 | Windows '95 or Windows NT 4.x (specify when ordering) |
| Memory Requirements | 24 64MB | 36 64MB |
| | EX 85MB | XL and 2000 85MB |
| RAM | [REDACTED] | |
| HDD Recommended | [REDACTED] | |
| Monitor | [REDACTED] | |

Printer Servers

| CPU (minimum) | PowerMac/PCI | Pentium 166MHz |
|---------------------|--------------|----------------|
| RAM (nominal) | [REDACTED] | |
| HDD (Print Manager) | [REDACTED] | |
| HDD (nominal) | [REDACTED] | |

Servers throughput to printers will improve with higher RAM and CPU. Workstations must support PCI bus.

Printer Interface

Software has an open architecture to guarantee hardware compatibility across a wide range of devices. This insures usability with the software and equipment you already own.

| | | |
|------------------|-----------------|--|
| Epson/Roland | PCI | Non U-10117 card and interface cable |
| ENCAD | PCI Ethernet | Non U-10117 card and interface cable 10BaseT cable and Digilan Port |
| HP | PCI Ethernet | JetDirect Card—Call HP 10BaseT, 10Base2, 100BaseT |
| MIMAKI | PCI Ethernet | Non U-10117 card and interface cable 10BaseT, 10Base2, 100BaseT |
| XEROX Xpress™ | SCSI | Standard, call Xerox for details and components |

Customer Support Programs

ImageJet Trade Up Program

Registered ImageJet customers may trade in their qualified ImageJet products for full value towards an ImageJet RIP software of greater value. Certain products do not qualify for this program. Contact Visual Edge for more details.

Ordering Information

RIP SOFTWARE FOR IMAGEJET FORMAL PRINTERS

| Order Number | Description |
|-----------------|--|
| 98S/W-IJ24-M | ImageJet 24 for Mac |
| IJ-24-W | ImageJet 24 for Win 95 |
| IJ-24-N | ImageJet 24 for Win NT 4.x |
| 98S/W-IJ36-M | ImageJet 36 for Mac |
| IJ-36-W | ImageJet 36 for Win 95 |
| IJ-36-N | ImageJet 36 for Win NT 4.x |
| IJ-EX-N | ImageJet LE for Win NT 4.x |
| IJ-XL-N | ImageJet XL for Win NT 4.x |
| ImageJet 2000 A | ImageJet 2000 for Macintosh |
| ImageJet 2000-B | ImageJet 2000 for Mac. High Resolution. HDS, ICC. |

Upgrades

ImageJet 2000A - (UJK IJ-2000 CD) is a PostScript Level-3 compatible RIP. Includes VE driver library for printers up to 60" and 720dpi. Comes with complete printer support. All printer drivers, factory color curves, VE screens, Custom Stamper, and 2-byte font support provided (fonts not included). Uses Harlequin 5.1 release, with Macro features but, without HDS screens and ICC Profile options. 6 Color printers supported with Visual Edge Screens and Color support only.

ImageJet 2000B (UGK-IJ-2000) is a PostScript Level-3 compatible RIP. Includes VE driver library for printers up to 60" and 720 dpi. Comes with complete printer support. All printer drivers, factory color curves, VE screens, Custom Stamper, and 2-byte font support provided (fonts not included). Uses Harlequin 5.1 release with Macro features with HDS screens and ICC Profile option supported. N - Color Ripping supported for all 6 color printers.

INTERFACE KITS

| | |
|------------------------|---|
| IK-EP-PCI-M | PCI Interface Kit for Encad Printers for Mac workstations |
| G4 Adapter Requirement | Imate USB to ADB adapter see VE Website. |

Telephone Technical Support Program

Visual Edge offer 3-mo, 6-mo, and 12 month support contracts. Registered one year users will receive FREE software revisions with their enrollment. Customers enrolled in a Program receive unlimited telephone or on-line access to our technical support staff during normal business hours. Contact Visual Edge Technology to enroll.

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