Clearly better image quality, without all the fuss.

Automatic Image Enhancement cleans up images in your digital workflow while minimizing labor-intensive processes.
Automatic Image Enhancement

Enhance less-than-perfect images without the time or expense associated with traditional photo manipulation. Automatic Image Enhancement (AIE) takes your Xerox digital workflow to a new level. It can help you reduce costs, enhance turnaround time, and add profit-building or relationship-enhancing value to your jobs.

**Enhanced images**
Compensate for underexposure or overexposure. Bring details out of the shadows. Saturate colors flattened by ambient light. AIE is perfect for jobs that feature amateur or candid photography. It even corrects the shortcomings of images clipped from Web pages or compressed in emails.

**Enhanced workflow**
Enable AIE with one button on a job, or automatically throughout your workflow. It enhances all RGB and grayscale images within a PDF, so it streamlines your workflow. And because it evaluates whether an image will be improved before applying enhancements, it protects the integrity of good-quality images as well as improving imperfect ones.

**Enhanced business value**
Produce better output for your existing jobs, and take on more jobs with greater confidence and less time commitment. Consumer-driven applications such as yearbooks, photo directories, newsletters, calendars, and greeting cards can all benefit. Your customers will appreciate the value of AIE, as well. Turn this appreciation into a premium service to build profits, or offer it as a competitive differentiator.

To see for yourself the value AIE can bring to your business, view the image comparisons and sample applications in this brochure.
Adjusting Tone & Hue

Before:
Image is muddy, with no true white values

After:
AIE improves the overall tonal curve, adjusting hue values across the image

Put more life into color images, quickly, for greater customer satisfaction and an improved bottom line.
Improving Contrast & Sharpness

Before: Low resolution results in loss of detail

After: AIE sharpens the image and increases overall contrast

Automatically analyze all RGB and grayscale images within a document—AIE modifies only those that need improvement.

Sample Application
Improving Shadow Detail

Before: Shadows are under-exposed as camera adjusts for bright lights.

After: AIE improves shadow detail.

Give photo-driven consumer applications—from greeting cards to scrapbook pages—a quality boost, without expensive or time-consuming retouching.

Sample Application: "A trip to remember!"
Compensating for Overexposure

Before: Ambient light causes overexposure and flattens background detail.

After: AIE adjusts for overexposure, providing richer blacks/more saturated colors and greater detail.

Streamline prepress processes for image-heavy jobs like yearbooks and photo directories—in both color and grayscale.
Maintaining Good Image Quality

Before:
Tones are normal and contrast is sufficient

After:
AIE makes sure excellent images remain excellent

AIE won’t negatively alter good images—and you can easily turn it off to maintain artistic affects such as backlighting, or environmental conditions such as fog.
Choose your pathway to better images

Automatic Image Enhancement manipulates RGB images before their conversion to CMYK, and can be applied to PostScript and PDF files. Enable it in your prepress operation through Xerox FreeFlow® Process Manager, or at the RIP using the Xerox FreeFlow DocuSP® Server.

Via DocuSP:
- Enhances color as well as grayscale images output on the full line of Xerox digital color products
- Enabled with a single click of a button on a job, queue, or exception page

Via Process Manager:
- Works with DocuSP, CREO® Spire™, and EFI® Fiery™ servers for the full line of Xerox digital color and monochrome products
- Touchless implementation throughout our automated workflow
- Image quality variables can be fine-tuned and customized through an expert interface

FreeFlow DocuSP Color Server

Realize optimal productivity on Xerox production print engines with this robust, intuitive print controller. In addition to AIE and other output quality features, it gives you control over data streams, job properties, and more. Plus, DocuSP offers the freedom to send jobs from a variety of network environments and offers customers a variety of applications. DocuSP is a robust print server delivering a similar workflow experience across our fleet of production printers.

FreeFlow Process Manager

With this efficiency and profitability tool, you can build automated prepress workflows based on the type of jobs you process most often. Steps such as PDF normalization, preflighting, and imposition are handled automatically, so operators can process more jobs in less time with fewer mistakes—and achieve consistent high quality. You’ll save time and cut costs on even the most complicated jobs, so you can accept more jobs with confidence.

Find out more

For more information about AIE, DocuSP, or Process Manager, contact your Xerox sales representative, or visit us on the Web at www.xerox.com/freeflow.