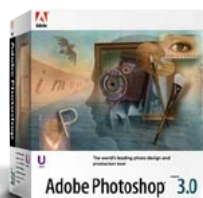


UNIX®
Silicon Graphics®

Adobe Photoshop™



The world's leading photo design and production tool

Adobe Photoshop software on Silicon Graphics workstations optimizes the power of IRIX® and lets you create original artwork, generate realistic or interpretive textures and backgrounds, correct color, retouch and composite scanned images, and prepare professional-quality separations and output for print and for the World Wide Web.



Adobe Photoshop



The Design Tool That Makes Anything Possible

Imagine the possibilities when you put the most popular image editing and production tool to work on your Silicon Graphics workstation. Now turn those possibilities into reality using the compelling creativity tools of Adobe Photoshop software for Silicon Graphics.

For both printed and on-line design tasks, Adobe Photoshop offers unlimited creative options. Start with a blank screen or scan an image directly into the program. Then create separate layers—much like transparent sheets of acetate—on which you can combine graphic elements, paint, and edit without changing the original background image. Add color, change it, or take it away. Import Adobe Illustrator™ files. Choose from more than 40 filters to generate dazzling special effects. And export all or part of an image to a variety of formats.

About Adobe Systems...

Founded in 1982, Adobe Systems develops, markets, and supports computer software products and technologies that enable users to create, display, print and communicate all kinds of information.

For service bureaus and prepress professionals, Adobe Photoshop provides performance capabilities that rival dedicated, high-end prepress systems, at a fraction of the cost. Scan, correct, and separate continuous-tone images. View a CMYK “soft proof” of an image while in RGB mode. Perform on-screen color editing in CMYK mode. Easily preview out-of-gamut colors. Selectively replace colors and precisely adjust the amount of ink on a given color plate.

And generate high-quality monotoes, duotoes, tritones, and quadtones.

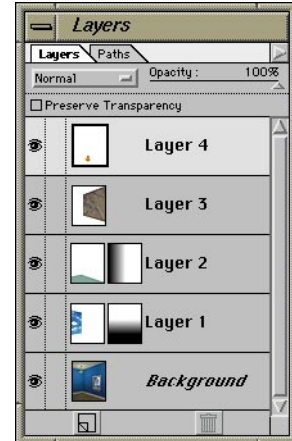
For engineers, technical illustrators, and industrial designers working with computer aided design (CAD) programs, Adobe Photoshop makes it possible to communicate ideas more clearly. Create or scan textures to map onto the 3D models you create in your CAD application. Build realistic environments around your models using Adobe Photoshop paint, color, and layering tools. Create superior-quality presentations by importing Adobe Illustrator files to add text and titles to your original source material. Design precise, high-quality presentations for reviews that sell your ideas to colleagues and customers. Use unrivaled color calibration and separation tools to move quickly from the drawing board to the printed document.

Harness Your UNIX Power

No matter what your design challenge, Adobe Photoshop software for Silicon Graphics makes image editing and processing tasks easy and fast. Harness the power of the IRIX operating system to manipulate large files, multi-task between projects, and interface with other 2D and 3D applications. Fully optimized for Silicon Graphics workstations, Adobe Photoshop takes full advantage of the latest enhancements for the IRIX operating system.



The Layers feature lets you easily and flexibly composite images, graphics, and text; you can conveniently view and rearrange them using the Layers palette.



Key Features

Optimize Your

Adobe Photoshop Expertise

Adobe Photoshop for Silicon Graphics workstations also offers the same professional features as it does on other platforms, so you can leverage your Adobe Photoshop expertise. And the program offers cross-platform compatibility, so you can freely use and edit Adobe Photoshop files created on other platforms, as well as exchange files between them.

Extra Software Adds More Possibilities

The Adobe Photoshop package comes with Adobe™ Acrobat™ Reader, which makes it possible to view any Adobe Portable Document Format (PDF) file on-screen. Also included, Adobe ShowPS™ software lets you view Adobe PostScript™ language documents.

Broad Graphics File Support

- The highest quality, broadest support for different file formats, including Encapsulated PostScript (EPS, including Adobe Illustrator), Kodak® PhotoCD,™ TIFF,™ JPEG, Scitex®CT, DCS, PCX, BMP, PIXAR, PixelPaint,™ MacPaint,® Raw, Targa (TGA), CompuServe® GIF, PICT/PICT Resource, Amiga IFF/LBM, and SGI RGB
- IPTC standard file captions
- Support for high-dynamic range scans and files
- ◆ Quick Edit feature that lets you edit a portion of a high-resolution file for fast, localized retouching tasks

Layers

- ◆ Multiple layers for easy image compositing
- ◆ Layers that can be merged, flattened, flipped, copied, and clipped together
- ◆ Filters that can be used on all or part of a layer
- ◆ Layer mask for controlling transparency on a layer without destroying image data
- ◆ Drag-and-drop support for easily combining selections from different files or different layers

Painting

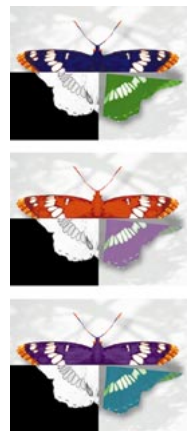
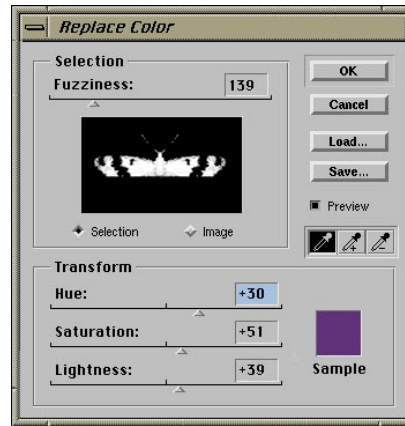
- Many drawing and paint tools, including Pencil, Brush, Airbrush, Clone, Text, Line, and more
- Dodge and Burn tools for selectively lightening or darkening an image
- ◆ Sponge tool for selectively saturating and desaturating color
- User-definable, soft-edged brushes
- Pressure-sensitive tablet support
- Option to paint with textures or patterns
- Retouch options that include Smudge, Sharpen, and Blur, and a Rubber Stamp for cloning part of an image
- Anti-aliased text at any size or resolution

Selection Tools

- ◆ Color Range for maximum control in building anti-aliased masks based on selected colors in an image
- Quick Mask feature for creating, viewing, and editing masks directly on an image
- Rectangular and elliptical polygons for regional selection
- Lasso and Bézier-based Pen tool for drawing precise and complex paths
- Magic Wand for automatic color range selection
- Feather-edge selections for blending backgrounds and combining foreground and background images
- As many as 24 alpha channels for saving multiple selections in one document



With the Replace Color tool, you can adjust the hue, saturation, and brightness values of a selected range of colors.



Color Adjustments

- Variations feature for easily adjusting image color and brightness by previewing and choosing from a range of color images
- Adjustments for brightness, contrast, and midtones (gamma)
- Controls for selectively adjusting hue, saturation, and brightness
- Adjustable tonal curves and control points on curves
- ◆ Replace Color for correcting the color of a selected area by adjusting its hue, saturation, and brightness values
- ◆ Selective Color Correction for adjusting the ink values of individual color channels or plates by entering absolute or relative values
- Independent color balance adjustment for shadows, highlights, and midtones

Image Transformation

- Rotate, Stretch, Skew, and Distort options
- Intelligent resampling to alter image resolution for output

Filter Collection

- ◆ Many effects filters, including lighting effects; multiple choices for image sharpening, softening, stylizing, and distortion; video; and removal of noise, dust, and scratches. Create custom filters or use third-party filters that support the program's plug-in interface.

- ◆ Lighting effects for applying multiple light sources to an image and for choosing from a range of colors, intensities, and angles
- ◆ Proxies in Filter dialog boxes to show the effect of a filter at low resolution before it is applied to the image

Professional Color Separations

- ◆ Capability for adjusting printed output for paper stock and printing device
- ◆ Advanced calibration features
- ◆ Automatic trapping
- ◆ Professional control of undercolor removal (UCR), gray component replacement (GCR), undercolor addition, and ink densities
- ◆ Moiré elimination on Adobe PostScript Level 2 devices
- ◆ Information window with densitometer readings

On-Screen CMYK Editing

- ◆ Editing of four-color process images in CMYK mode without splitting channels
- ◆ Acquisition of CMYK images directly from high-end scanners
- ◆ Gamut Warning that highlights colors that are out of CMYK printing range

Color Support

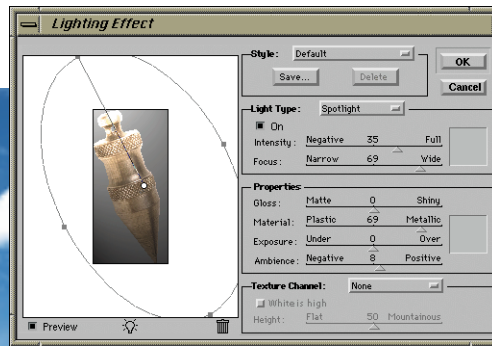
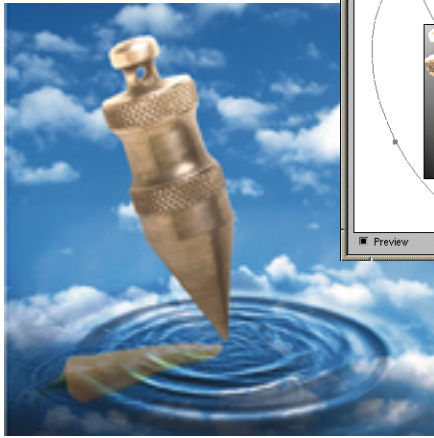
- Unequaled flexibility in converting between editing modes, including Bitmap, Grayscale, Duotone, Indexed Color, RGB, and CMYK
- ◆ CMYK Preview feature for quickly viewing a "soft proof" of an image while still in RGB mode
- Broad range of index color modes, color tables, and user-definable color palettes
- ◆ Capability for creating high-quality duotones, tritones, and quadtones with PANTONE® or process inks
- ◆ Support for device-independent color with the CIE LAB color mode and support for PANTONE, FOCOLTONE, DIC, Toyo,™ and TRUMATCH color systems

Hardware Acceleration

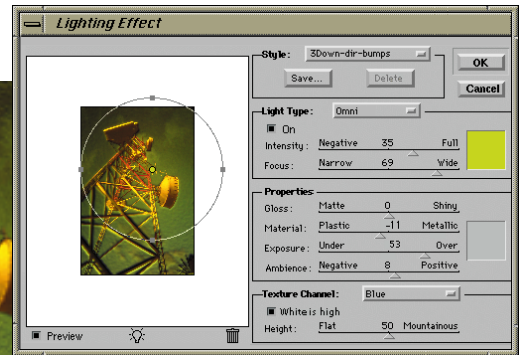
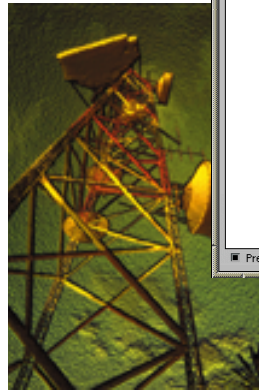
- ◆ Optimized for the Silicon Graphics platform
- Enhanced performance through Asynchronous I/O, which allows for direct throughput of data between disk and memory

User Interface Enhancements

- Fast Preview option for instantly viewing adjustments to high-resolution images
- ◆ New palette design that lets you group and separate floating palettes for placement anywhere on the desktop
- ◆ Commands palette that lets you assign buttons to frequently used commands and palettes for quick access



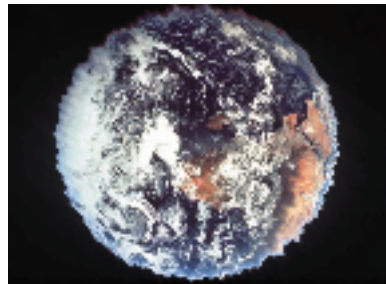
The Lighting Effects filter lets you add a variety of dramatic lighting effects to any image.



Choose from spotlights or directional lights, and add textures to your image.



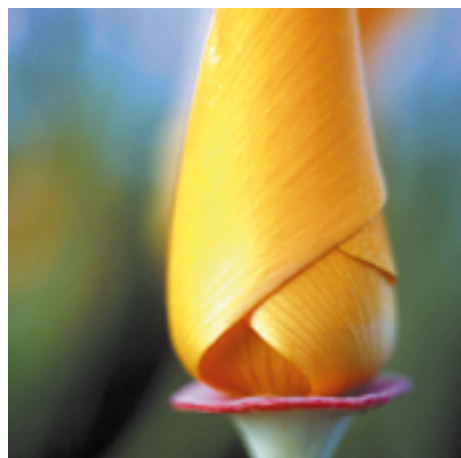
The Pointillize filter creates soft spots of color that evoke impressionist painting.



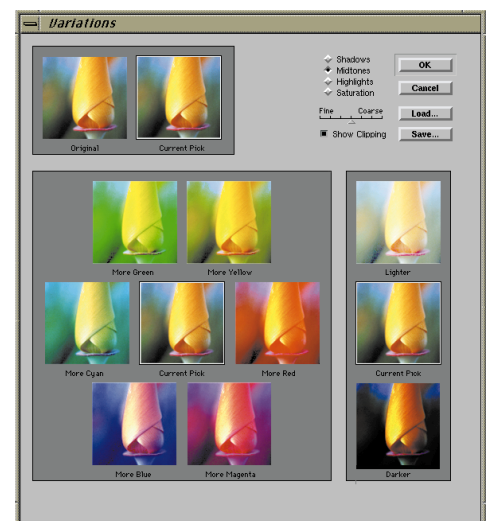
Use the Ripple filter to produce an undulating pattern on a selection, much like the ripples on the surface of a pond.



With the Tiles filter, you can divide your image into tiles of varying size and randomness.



With the Variations feature, you can adjust the color and brightness of an image by choosing from a range of color options.





With the Dodge tool, you can selectively lighten a portion of an image with a soft-edged brush.



With the Burn tool, you can selectively darken a portion of an image with a soft-edged brush.



The Sponge tool lets you increase or decrease color saturation in a portion of an image.

Advanced PostScript Language Support

- Program-generated PostScript language for highest quality output
- PostScript language rendering for integrating line art with true-color photographic images
- CIE LAB color space for consistent color output to Adobe PostScript Level 2 devices

Cross-Platform Compatibility

- Identical feature set and binary-compatible file formats with Macintosh,[®] Windows,[®] and Sun[™] versions

Open Architecture

- Support of Impressario scanner interface for a broad range of image-acquisition devices
- Broad support from third-party developers for the industry-standard Adobe Photoshop plug-in interface

Printing

- Postscript Printer Description file that gives you access to printer-specific controls from within Adobe Photoshop

Product Includes

- Adobe Photoshop software
- More than 40 plug-in filters
- On-line documentation and technical notes
- Sample backgrounds and textures
- Stock art and photography
- Adobe Acrobat Reader software
- Adobe ShowPS software

Minimum System Requirements

- Silicon Graphics workstation with R4000 or faster processor
- IRIX 5.3 operating system software
- CD-ROM drive
- 32 MB of RAM
- 80 MB of swap space
- Hard disk space: 32 MB for Adobe Photoshop files and executables (required); 160 MB for Adobe Photoshop sample files and stock photography files (optional)
- Additional hard disk space is required to accommodate run time requirements

Licensing

Adobe now offers flexible licensing options for non-networked systems running Adobe Photoshop software as well as floating licenses for single users or for multiple users running Adobe Photoshop over a network.

For More Information

To order your copy of Adobe Photoshop, call 1-800-477-8830.

Outside the U.S. and Canada, contact your local Adobe distributor or call 1-206-628-2749.

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