Adobe Photoshop™
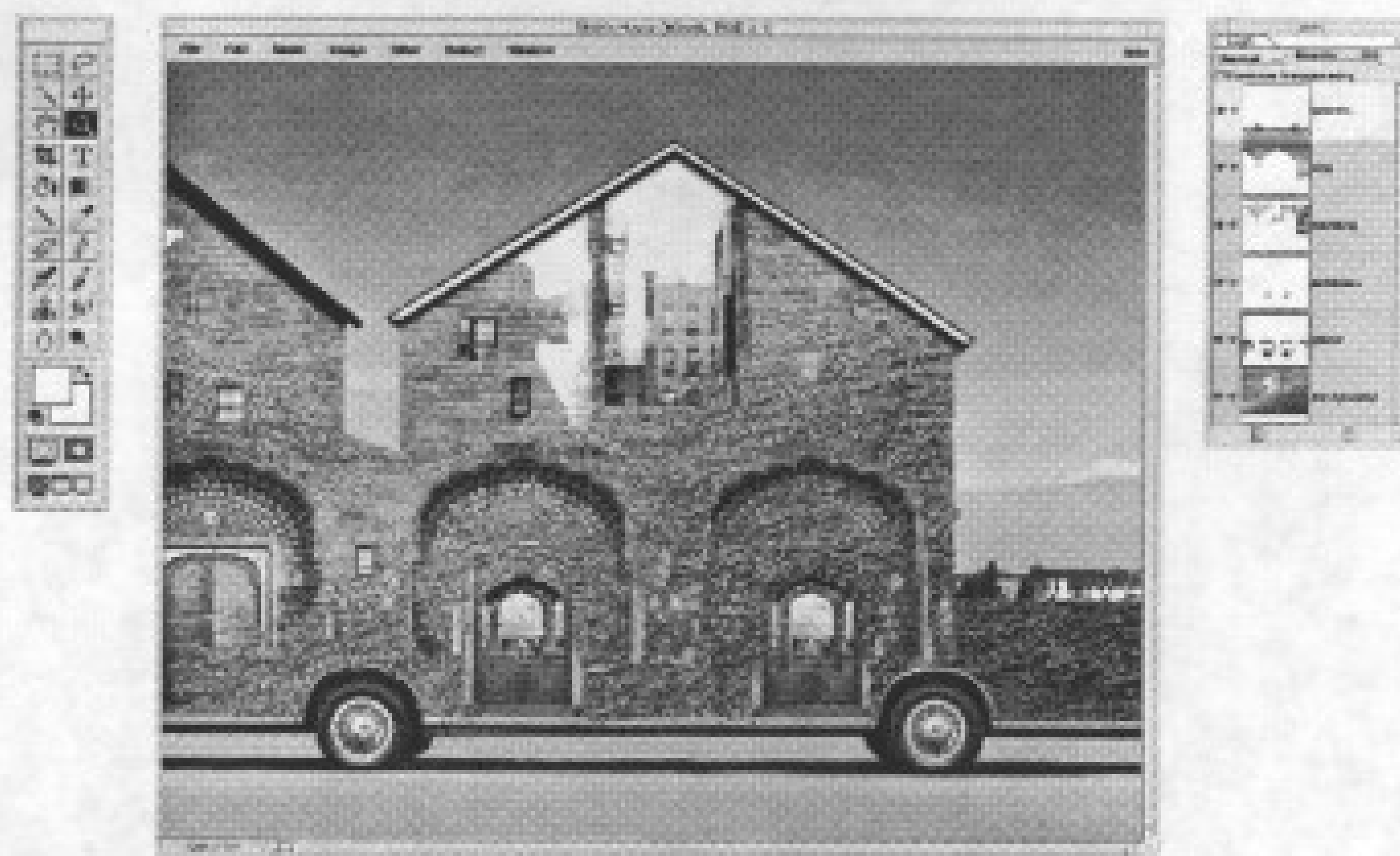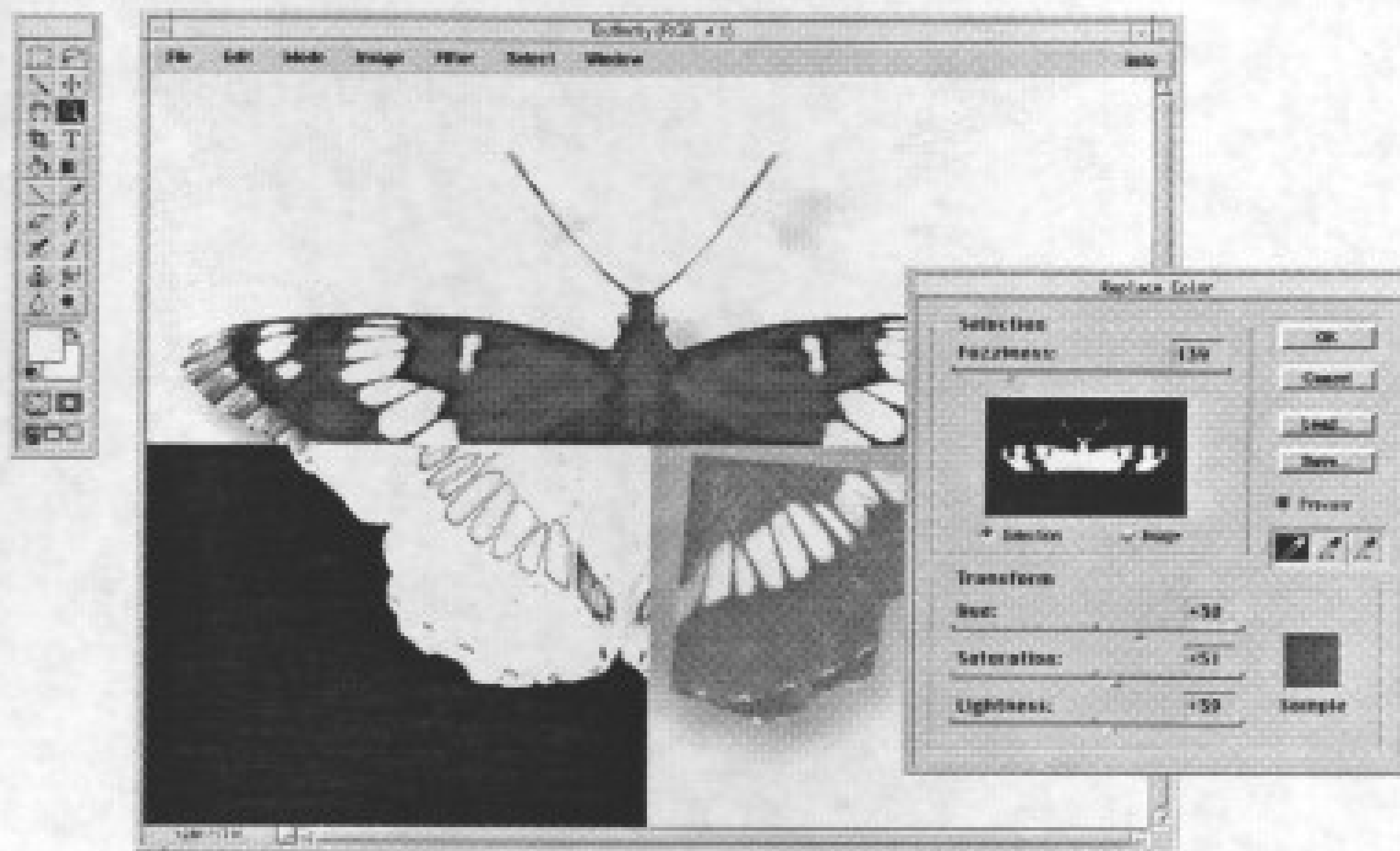
version
3.0

The new Layers Palette gives Adobe Photoshop users a great deal of freedom
to experiment with image compositions.

New Feature Highlights

Adobe Photoshop 3.0 software for the Sun SPARCstation® and Silicon Graphics workstations
delivers significant enhancements to the industry's leading photo design and image editing soft-
ware. Adobe Photoshop 3.0 offers an abundance of new features and utilities that provide stronger
creative control and improved production capabilities. In addition, Adobe Photoshop 3.0 takes
full advantage of enhancements to both the Silicon Graphics IRIX™ and Sun Solaris® operating
systems. And it delivers extensive compatibility and integration with other Adobe™ products, as
part of the complete Adobe publishing solution.

Graphic artists and home-page designers, prepress professionals, film and video producers,
engineers, architects, and technical illustrators use Adobe Photoshop software on UNIX™ plat-
forms to edit any kind of scanned or computer-generated images: continuous tone photography,
bit map, grayscale, and color. The ability to work with multiple layers extends the range of creative
possibilities. For service bureaus, color separators, and printers, the new interactive color correc-
tion controls in Adobe Photoshop 3.0 now challenge dedicated high-cost prepress systems.

UNIX, Macintosh® and Windows® versions of Adobe Photoshop 3.0 share an almost identical
feature set, user interface, and file formats. This makes cross-platform file exchange easy and fast.
The new features list begins on the next page.

Adobe

The Replace Color feature allows users to isolate a color or range of colors and replace that color by adjusting hue, saturation, and lightness.

Stronger Creative Control

Support for Multiple Layers — allows users to freely experiment with creative options by manipulating elements of an image on separate layers, much as they would use separate sheets of acetate in manual printing techniques. By drawing, editing, or using effects and filters on different layers, users can quickly try different combinations and placements of graphics, text, and special effects, without discarding image data, until the desired effect is achieved. Users can also attach a Layer Mask, a single 8-bit channel mask, to any layer. This mask lets users apply effects to a layer, vary the opacity of a layer, and use channel calculation commands on a layer without destroying layer data.

Lighting Effects — lets users apply multiple light sources to an image, choosing from an array of colors, intensities, and angles.

Dust & Scratches — a new plug-in, lets users remove dust and scratches from scanned images to facilitate retouching and photo restoration.

Mezzotint Filter — gives users desktop control over the creation of grayscale or colored mezzotint effects that were previously available only through a production house.
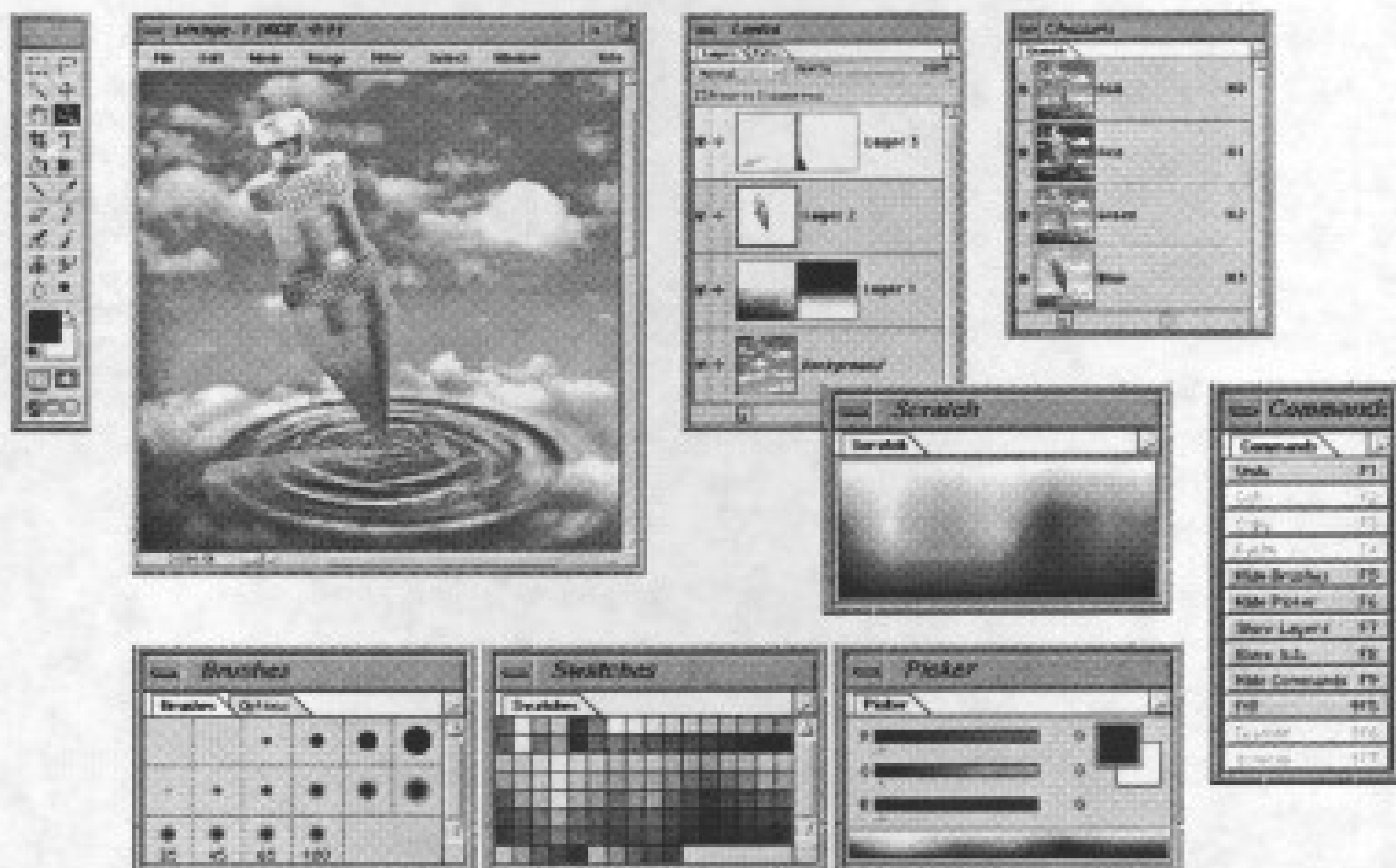
Filter Factory — provides greater flexibility and control in the creation of compiled custom Adobe Photoshop Plug-ins.

Color Range — gives users maximum control in building anti-aliased masks based on selected colors in an image.

Improved Production Control

Selective Color Correction — lets users adjust the ink amounts of individual color channels or plates by entering absolute or relative values.

Replace Color — enables users to create masks based on specific colors, then correct the color by adjusting the hue, saturation, and lightness values.

Adjustable floating palettes can be easily separated
or combined to customize user's workspace.

CMYK Preview — allows users to quickly view a "soft proof" of an image, displaying CMYK results without going through a full color image mode conversion.

Gamut Warning — highlights any areas in an image that are out of CMYK gamut. Users can then bring these colors back into gamut for correct color separation output.

Sponge Tool — lets users interactively saturate or desaturate colors. This is very effective when used with Gamut Warning to bring colors into CMYK gamut.

File Information — allows specific file information—such as the photographer's name, date and location of the photograph, caption, and other information required by the worldwide IPTC standard for newspapers—to be tagged to an image.

Adobe PostScript™ Printer Definition (PPD) files — allows the user to print to PostScript printers from within Adobe Photoshop.

Improved User Interface

New Palette Design — allows floating palettes to be arranged and grouped in any order. Palettes can easily be collapsed, expanded, and separated for improved screen space management.

Commands Palette — lets users assign a button to provide quick access to frequently used commands and palettes. The buttons can be arranged in any order, color coded, and displayed in multiple columns.

Proxies and Previews in Filters — allows users to see a filter's effect on the image in a proxy window before it is actually applied, or to preview the effect on the entire image at screen resolution.

Drag and Drop Support — lets users easily combine elements from different files by making a selection in one file and dragging it to the selected layer of the target file.

Leveraging Advances in Operating Systems

Adobe Photoshop 3.0 software has been optimized for and takes full advantage of the latest operating system advances in IRIX and Solaris.

On SunSPARC/ Solaris, Adobe Photoshop 3.0 offers continued support for multithreading and multiprocessor capabilities. In single-processor Sun systems, the multithreaded architecture provides maximum CPU utilization and efficiency by overlapping I/O requests with computational tasks. In multi-processor configurations, Adobe Photoshop 3.0 provides near-linear performance gains for most operations with the addition of each processor.

On Silicon Graphics IRIX, Adobe Photoshop 3.0 takes full advantage of the R4000's real-time processing capability. Asynchronous I/O allows for direct throughput of data between disk and memory. This substantially enhances performance on large files and other computationally intensive graphic operations.

Price and Availability

Adobe Photoshop 3.0 is expected to ship by Q495. Users have the following purchasing options:

Individual license (node locked)	$995
1 floating license	$1,895
5-user floating license	$7,595
10-user floating license	$13,495

Adobe Photoshop 3.0 is available through Adobe-authorized Sun resellers. Registered owners of any previous full version of Adobe Photoshop software may purchase a version 3.0 upgrade for $495. Anyone purchasing an Adobe Photoshop retail version 2.5.2 for Sun or Silicon Graphics after August 8, 1995, will receive a free upgrade to version 3.0.

Adobe Photoshop 3.0 CD-ROM

The Adobe Photoshop 3.0 software package consists of a CD-ROM containing:

- the Adobe Photoshop 3.0 program
- Adobe Photoshop Extras including online documentation, sample art, and photography, and more than 40 plug-in filters
- Acrobat™ Reader software
- Adobe ShowPS™ software
- Software Developers Kit (SDK) for developing Adobe Photoshop Plug-ins, including online documentation and sample program
- Patches to Solaris, including various SunSoft™ patches for Solaris 2.3 and 2.4 (Sun version only)

For more information, call 1-800-833-8830.

Adobe Systems

Adobe Systems, Incorporated, founded in 1982, is headquartered in Mountain View, California. Adobe develops, markets, and supports computer software products and technologies that enable users to create, display, print, and communicate electronic documents. The company licenses its technology to major computer and publishing suppliers and markets a line of type and application software products. Revenue for fiscal second quarter 1995 exceeded $336 million.