# Adobe Illustrator®

*NeXT® Version 3*

Adobe Illustrator software for NeXT combines the precision of the premier illustration and page design program with the power of NeXT computers–giving graphic artists, designers and business-users unlimited creative potential.

In fact, since Adobe Illustrator software takes full advantage of Adobe's Display PostScript® software technology on NeXT computers, what you see on the screen is exactly what you get from NeXT laser printers: clear, crisp and with no surprises. You can even view EPS and TIFF images directly on-screen or import them into Adobe Illustrator and see them precisely as they will appear in the finished art.

For fast and accurate production, Adobe Illustrator delivers precision drawing tools for freehand sketching or automatic tracing, allowing you to rapidly turn scanned images into finished art. You can use the blending tools to create airbrush effects with just a few clicks of the mouse or manipulate and refine artwork easily, without starting over. Best of all, you can create complex artwork in just a fraction of the time it would take to do by hand.

Adobe Illustrator software for NeXT allows editing in "preview" and "preview selection" modes for immediate access to your work. And since Adobe Illustrator uses both the NeXT font and NeXT color panels, specifying type and color has never been easier.

The program also supports the complete PANTONE®* MATCHING SYSTEM–the color standard of professionals. This feature is most impressive when you combine Adobe Illustrator with the highly advanced NeXTdimension system, providing you with an electronic palette of more than 16 million colors on-screen.

With fast manipulation of text, automatic creation of graphs and complete control of even the most elaborate artwork, Adobe Illustrator for NeXT provides the most comprehensive illustration and design tool for artists and business-users available today.

## Features

### Drawing

- Create artwork from scratch with the PostScript® language pen tool or freehand tool, and use the full-featured pen tool to draw and edit lines and curves with maximum control.
- Trace over scanned images–manually with precision drawing tools or automatically with the industry's first auto-trace tool.
- Use the auto-trace tool to easily trace all shades and hues in color images.
- Create rectangles, squares, rounded rectangles, circles and ellipses with basic shape tools.
- Create transparent holes in objects.
- Select and edit objects from groups without ungrouping with the direct-select tool.
- Pull guides out from rulers, or create a guide from any illustrated object.
- Convert guides into editable objects.
- Create grids for precision drawing and convert them to guides or editable objects.

### Transform

*Optically, or with numeric precision*

- Rotate objects, including text, up to 360°.
- Scale objects uniformly or non-uniformly in any direction.
- Reflect along any axis to create mirror-image effects.
- Shear objects at any angle.

### Blending

*Between two colors, shapes, or line weights*

- Create radial or linear graduated fills at any angle and in unlimited colors.
- Produce complex color blends for airbrush effects, contouring and highlighting.
- Automatically blend between different shapes in any number of graduated steps.

*Pantone, Inc.'s check-standard trademark for color reproduction and color reproduction materials.

Adobe Systems Incorporated 1585 Charleston Road, P.O. Box 7900, Mountain View, CA 94039-7900 415-961-4400

## Features (continued)

### Color

- Automatically generate color separations and access essential file information with Adobe Separator. Work interactively with illustrations or layouts, adjusting bleeds and custom printer marks.
- Specify process or custom colors, and ensure the quality of color jobs with the PANTONE MATCHING SYSTEM.
- Calibrate screen color to precisely match printed output.

### Editing

*Instantly edit lines and shapes with powerful editing features*

- Work in "preview edit" mode to see your work exactly as it changes.
- Cut lines and shapes at any user-defined point.
- Add editing points to any curve for maximum control, or delete editing points from lines and shapes.
- Join or average any two points.
- Preset freehand sketching tolerance for increased control of freehand drawing styles.
- Specify ruler preferences for inches, centimeters, points or picas.
- Size geometric shapes to exact dimensions.
- Select and duplicate any object with simple menu or keyboard commands.
- Group, lock or hide any object or set of objects for easy editing.
- Set constraints to move or transform objects at any user-defined angle.
- Move shapes in precise distances and at exact angles.
- Zoom-in or zoom-out of your work for easier viewing and editing.

### Text

*Enter and edit text directly on-screen without the need for dialog boxes*

- Use an unlimited number of characters in a text block, and combine different typographic sizes, styles and colors in the same text block.
- Perform manual or automatic tracking, kerning and leading of text, and space words, letters and paragraphs independently.
- Scale characters horizontally, and shift characters vertically for superscript and subscript.
- Define hyphenation and hanging punctuation.
- Automatically position text as centered, flush-right, flush-left or justified.
- Input text on a curve and move it freely along the path.
- Import text from word-processing programs, and flow text from one column to another and from one shape to another.
- Wrap text around objects automatically.
- Measure text attributes in points, centimeters or inches.
- Use keyboard shortcuts for kerning, vertical shifting and character point size.
- Take advantage of modeless dialog boxes and intelligent text-entry tools.
- Access Adobe Type 1 font outlines to create customized letterforms.
- Fill text outlines with patterns.

### Patterns

*A set of pre-designed PostScript language patterns included*

- Name and integrate user-defined patterns to fill any object.
- Overlay patterns to create a variety of textures.
- Connect patterns seamlessly from tile to tile, regardless of complexity.
- Output simple or complex patterns at any resolution.
- Create a file of patterns for future use or for sharing with co-workers.

### More Powerful Illustration Features

- Import and display any Encapsulated PostScript (EPS) or Tag Information File Format (TIFF) file; "drag-and-drop" these same EPS and TIFF file icons into any Adobe Illustrator file.
- Measure distances between any two points.
- Easily control layering with "bring to front/back" and "paste in front/back" commands.
- Use any shape, including text, to mask background images.
- Identify a tool or feature being used (and how to use it) with the information bar.
- Automatically generate crop marks.
- Apply file changes without leaving modeless dialog boxes.
- Save archival files without header information to retain memory.
- Manipulate Bezier curves directly without using control points or handles.
- Detach pull-down tool menus and place anywhere on screen.
- Use integrated NeXT services, including Mail and Librarian, for easy transfer of files and rapid text searches.

## Features (continued)

- Save in Adobe Illustrator 3.0, Adobe Illustrator 88™, or Adobe Illustrator 1.1 format for easy portability.

### Graphs and Charts

*Automatically create graphs and charts with the graph tool and then manipulate and customize with the Adobe Illustrator tool set*

- Design and build a graph or chart format once–then, to revise, simply import or enter new data or graph styles.
- Choose from a wide variety of styles: grouped bars, stacked bars, line, area, scatter and pie charts.
- Build a personalized file of custom bars and icons.
- Import data from other files or cut and paste from one data window to another.
- Specify automatic updating of art as data changes.

## Adobe Illustrator Contents

- Program disk and complete *User Guide*.
- *Tutorial Guide* and disk.
- *Color Guide*.
- *Beyond the Basics Guide* with advanced tips and techniques.
- Adobe Separator program for color separations.
- Gallery disk of sample art.
- FREE technical support from Adobe's expert support staff.
- FREE product upgrades for at least 90 days.

## System Requirements

### System Requirements

- NeXT family of computers
- 8 MB of RAM
- 1.44 MB floppy drive
- NeXTstep® System Software 2.1 or greater
- Any PostScript language printing or other output device

### Recommended

- NeXT system with 68040 processor board
- Color monitor
- Color scanner

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