



Adobe® Illustrator® CS5

Explore new paths with the essential vector tool



Adobe Illustrator CS5 is also available as a component of:

- Adobe Creative Suite® 5 Design Premium
- Adobe Creative Suite 5 Design Standard
- Adobe Creative Suite 5 Web Premium
- Adobe Creative Suite 5 Production Premium
- Adobe Creative Suite 5 Master Collection

Create distinctive vector artwork for any project. Used by design professionals worldwide, Adobe Illustrator CS5 software provides precision and power with sophisticated drawing tools, expressive lifelike brushes, a host of time-savers, and integration with Adobe CS Live online services*.

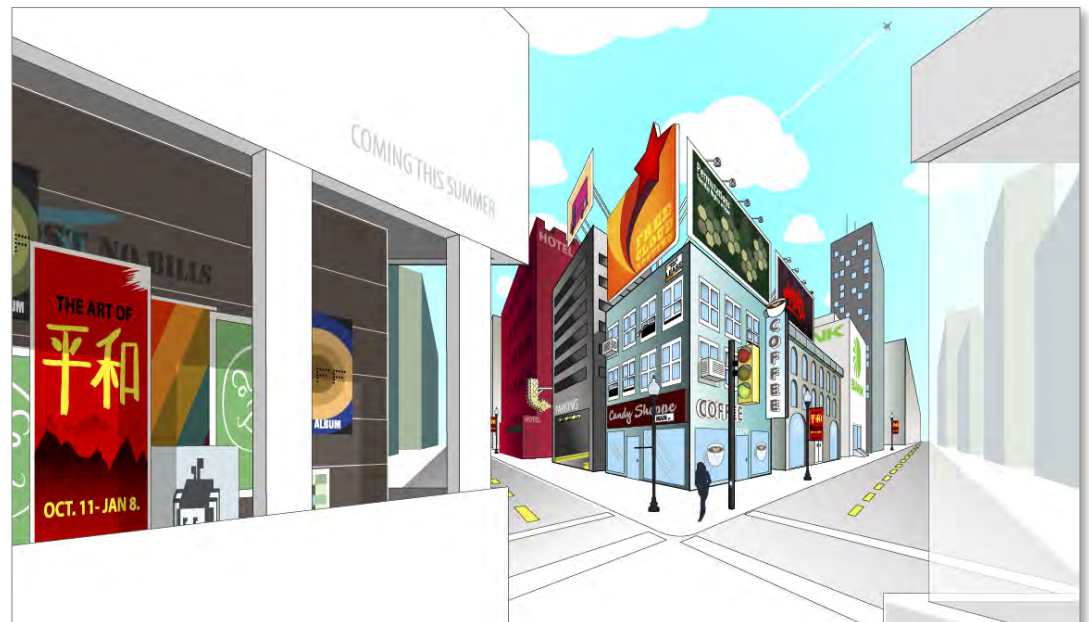
Perspective drawing, variable-width strokes, a new brush that lets you control bristle characteristics, and innovative ways to quickly build shapes, are among the new features in the comprehensive vector environment of industry-leading Illustrator CS5.

New perspective tools add an exciting dimension to Illustrator, eliminating the need to create your own horizon lines and vanishing points when you wish to draw a scene or an object in perspective. With the Shape Builder tool, you no longer use the Pathfinder panel—you simply sweep your cursor across overlapping objects to merge and divide shapes. And you can even paint watercolor strokes that remain vectors, now with new edge softness and subtle control of transparency. These powerful new features make Illustrator CS5 a must-have, but along with the dramatic advances, you'll find great improvement to familiar favorites. Strokes now have fully controllable width handles, and the Draw Inside mode creates masks automatically when you draw or when you place an image—no extra clicks.

With enhanced integration among Adobe products, you can move easily between Illustrator CS5 and products, such as Adobe Flash® Catalyst™ CS5 software, where you can add interaction to your designs. And new CS Live online services* provide effective collaboration, efficient reviews, and more.

Using Illustrator CS5, you can get the job done efficiently but beautifully, moving quickly from multiple ideas to multiple outputs with complete control, and delivering exactly what you had in mind.

The new perspective drawing tools in Illustrator provide a powerful way to create an accurate cityscape with as much architectural interest and decorative detail as you could ever want.



*CS Live online services are complimentary for a limited time. See the last page for details and limitations related to all Adobe online services.

Top features

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Deliver innovative graphics across multiple media

Create compelling graphics and extend their reach in print, web, interactive, and mobile content with Adobe Creative Suite 5 Design Premium.

Get more creative power at an appealing price. In addition to Illustrator, CS5 Design Premium offers the latest versions of Photoshop Extended, InDesign, Flash Catalyst, Flash Professional, Dreamweaver, Fireworks, and Acrobat Pro—so that you can:

Combine your graphics with eye-catching Photoshop images in outstanding print designs. Use InDesign to craft beautiful layouts with exceptional typography.

Leverage your skill with Illustrator to create interactive projects without writing code. Easily take Illustrator graphics into new Flash Catalyst CS5 to design dynamic image galleries, portfolios, product guides, microsites, and much more.

Craft clean graphics reliably for interactive, web, and mobile content. Use new features in Illustrator to refine graphics with pixel precision so that they appear crisp in Fireworks, Dreamweaver, and Flash Professional.

For more information, see *Adobe Creative Suite 5 Design Premium What's New*.

With Adobe Illustrator CS5, you can:

Design with powerful creative tools. Take advantage of exceptional precision and power to create distinctive vector artwork. Draw accurately in 1-, 2-, and 3-point perspective using new perspective grids. Control stroke width using finely adjustable width handles, and paint natural textures with a realistic brush called the Bristle Brush. The new Shape Builder tool allows you to drag your cursor to quickly combine, edit, and fill objects. With superior drawing tools, painterly brushes, and more, you have practically infinite possibilities for unique and impactful design.

Work smoothly and efficiently. Speed up your day with innovations that encourage efficient ways of working. Multiple artboards now can be named, organized, and viewed more easily. New capabilities for drawing behind and inside other objects enable fast creation of complex designs with automatic masking and layer control. Join paths with one keystroke, and use 9-slice scaling on symbols. Get the job done using shortcuts and time-savers to quickly take multiple ideas to multiple outputs.

Deliver virtually anywhere. Incorporate vector artwork into essentially any project and deliver reliably across media. Take Illustrator work directly into Flash Catalyst and use roundtrip editing to perfect your interactions. Deliver pixel-aligned images for the web and raster effects that look fantastic on a wide variety of devices. For video, Illustrator vector tools are ideal for creating masks, motion paths, and resolution-independent layers to use in Adobe After Effects® CS5 software. And use Adobe CS Review, part of the new Adobe CS Live online services*, for online reviews from within Illustrator, enabling effective collaboration with teams worldwide.

Who uses Illustrator?

Designers often rely on Adobe Illustrator to originate their creative projects. Vector artwork is generally the foundation of design for multiple outputs such as print, websites, interactive projects, and video. So the power of the core drawing tools, advanced type capabilities, and sophisticated effects make Illustrator an essential component of a designer's toolbox. The new perspective, shape-building, and stroke tools, along with painterly brushes and efficient drawing modes, enable designers to work faster and more creatively.

The vector tools in Illustrator are essential for web designers who create the front-end visual experience for websites and other online projects. The multiple artboards feature enables creation of many screens in one file with easy duplication of common elements. Pixel-alignment capability ensures the crispness that is essential for graphics used in professional web design. Web designers can slice and save artwork with web-optimized color and compression, and they can preview and test mobile content.

Interactive designers can take advantage of the sophisticated vector design tools in Illustrator to create the graphic elements for their projects. Then they can use Flash Catalyst to easily add interactivity to those elements without writing code. Roundtrip editing allows perfection of artwork using Illustrator while preserving the structure and interactivity added in Flash Catalyst.

Motion graphics designers and visual effects artists who produce TV commercials, broadcast graphics, film titles, and a wide range of visual effects often start with Illustrator vector designs. In Illustrator, motion designers can take advantage of multiple artboards with video-specific presets and create masks, motion paths, and resolution-independent layers for Adobe After Effects. Even gradients and effects import intact into After Effects.

Video editors using Illustrator can take advantage of multiple artboards that feature video-specific presets. The powerful, foundational vector environment of Illustrator provides a perfect complement to nonlinear editing tools such as Adobe Premiere® Pro software. Illustrator art imported into Adobe Premiere Pro can be perfected using Edit Original, which features automatic incorporation of the changes into the video project.

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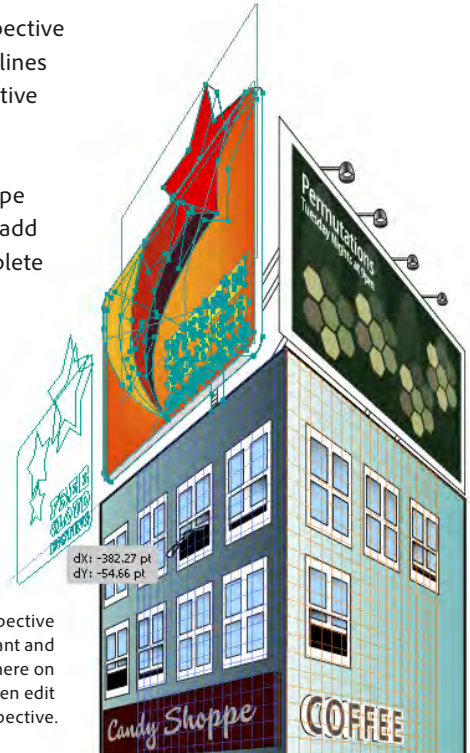
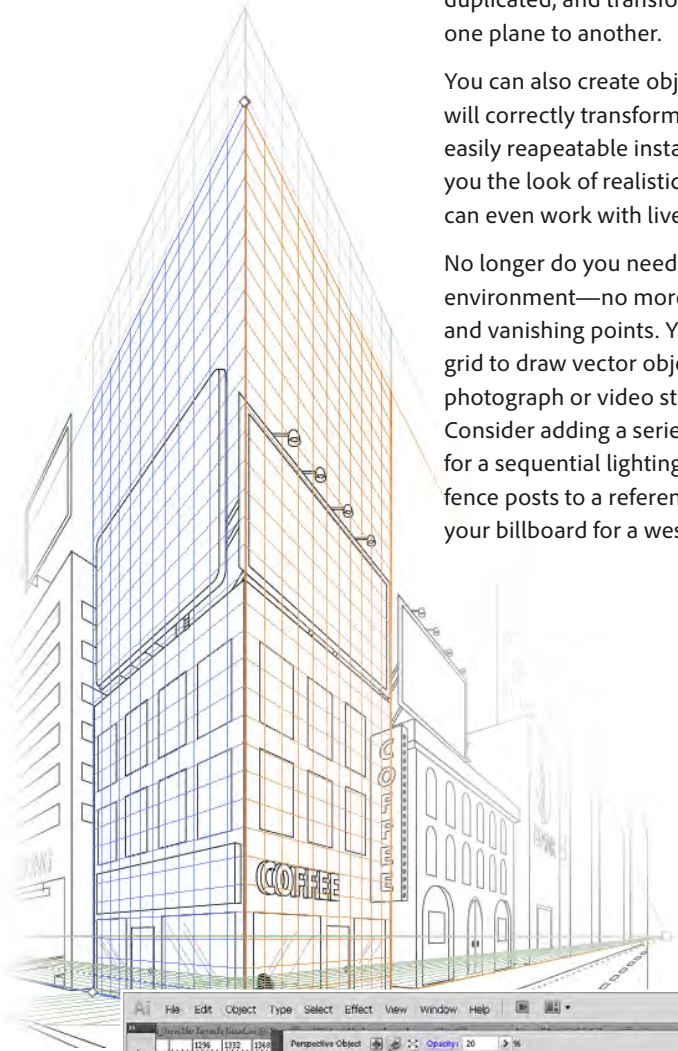
Top new features of Adobe Illustrator CS5

Perspective drawing

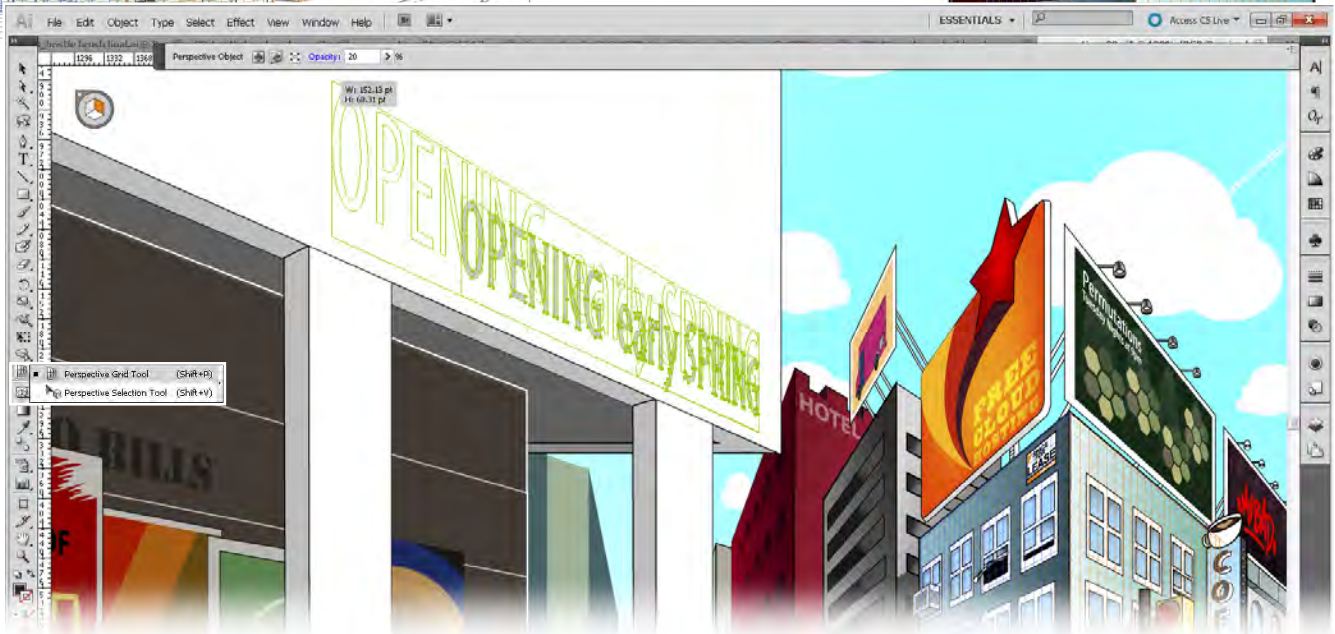
Use perspective grids to draw shapes and scenes in accurate 1-, 2-, and 3-point linear perspectives. The new Perspective Grid tool allows you to turn on a grid that supports drawing directly on planes of true perspective. The new Perspective Selection tool allows objects to be moved, scaled, duplicated, and transformed dynamically in perspective. Easily move and duplicate objects from one plane to another.

You can also create objects in flat space and then apply them to a perspective plane, where they will correctly transform in shape. This works particularly well with symbols, in that you can place easily repeatable instances onto the perspective grid and see the symbols "in back" recede to give you the look of realistic depth and distance. You can use the perspective grid to resize objects; you can even work with live text in perspective.

No longer do you need to construct your own perspective environment—no more creating your own horizon lines and vanishing points. You can even use the perspective grid to draw vector objects on top of a reference photograph or video still placed on your artboard. Consider adding a series of street lamps to a cityscape for a sequential lighting animation, for example. Or add fence posts to a reference landscape image to complete your billboard for a western wilderness camp.

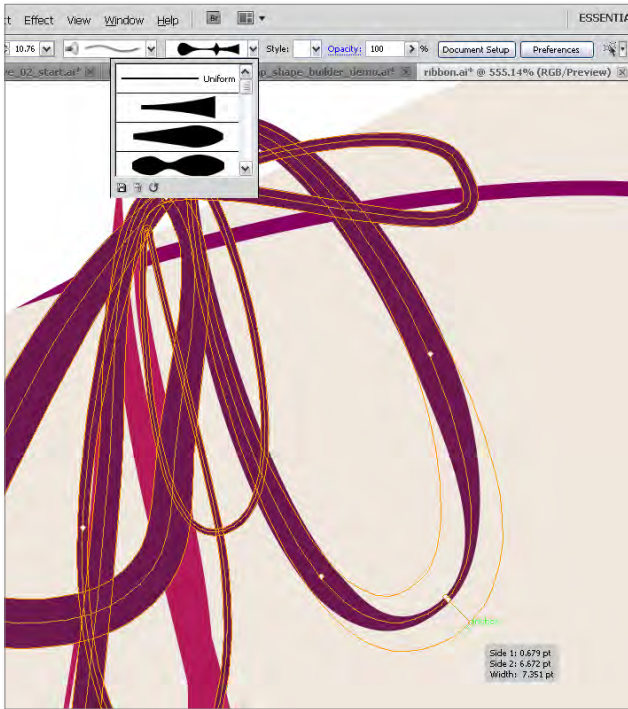


Easily set up perspective grids the way you want and create objects anywhere on the grid. You can even edit live text in perspective.



Beautiful strokes

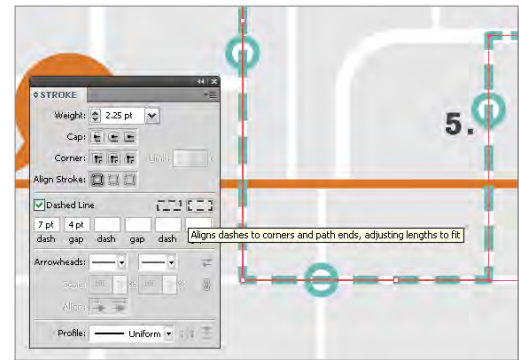
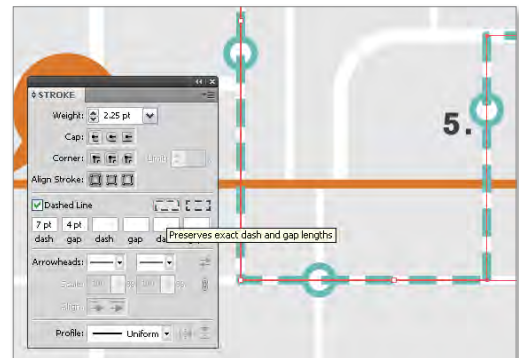
In Illustrator CS5, a number of new features have been introduced that make designing with strokes even more powerful and flexible. The core drawing tools within Illustrator merit attention every software release, and with Illustrator CS5 there are five significant updates that new and long-time users will appreciate. You can finely control stroke width, dashes, arrowheads, and how brushes stretch along a path. And improvements in corner handling mean that stroke shapes behave predictably in tight angles or around sharp points.



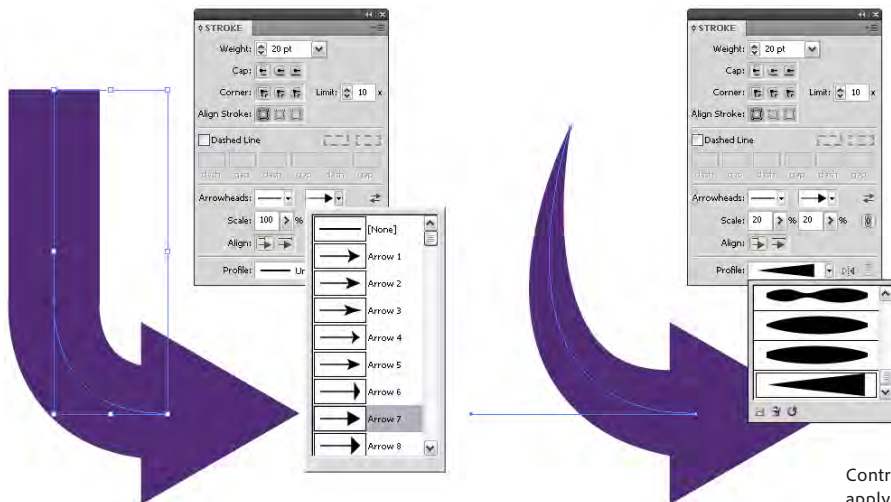
Work interactively with stroke widths, using your cursor to adjust sides independently. Move and edit swells and constrictions freely along the path, and save profiles for later use.

Variable-width strokes—Draw strokes with variable widths that you can quickly and smoothly adjust at any point, symmetrically or along either side. You can create custom width profiles that you can save and subsequently apply to any stroke.

Dashed line control—Control alignment of dashes on a stroke. Now enjoy symmetrical dashes around corners and at the ends of open paths, with lengths adjusted automatically to fit. Toggle between adjusted and preserved dashes and gaps.



Choose to have dashed strokes symmetrically positioned around corners and show evenly at endpoints.

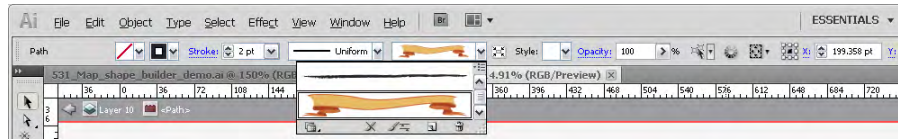
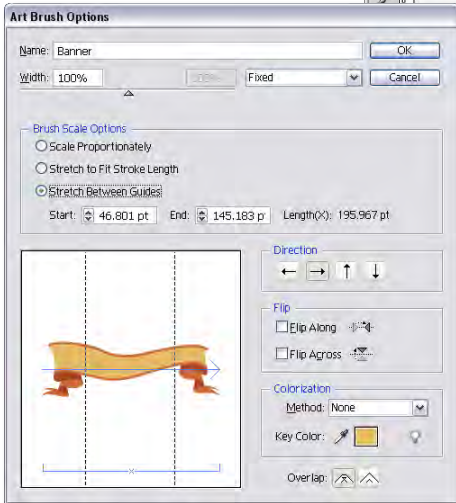


Precise arrowheads—Work in a completely new way with arrowheads. Pick an arrowhead shape and control placement and scaling from within the Stroke panel. You can even choose whether to lock the tip or base of the arrowhead to the path endpoint.

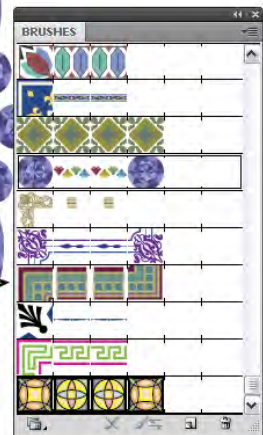
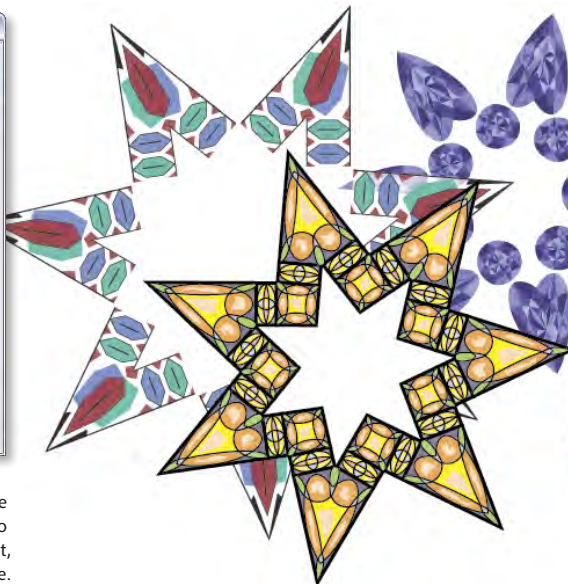
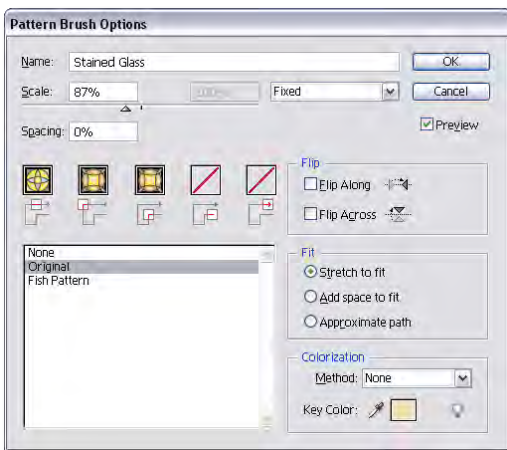
Control arrowheads in the Stroke panel, and see how you can apply a saved width profile to create a tapered arrow body.

Stretch control for brushes—Define how art and pattern brushes scale along a path. Choose areas of the brush graphic you wish to stretch and those you wish to keep in proportion. For example, you may need to elongate the middle of a banner graphic while keeping the detailed, curly ends of the banner from stretching.

New brush options enable full control of how your brush shapes scale and transform.



Brushes with corner control—Apply art and pattern brushes to a path and get clean results, even at tight bends or corners. Where strokes of different widths join, or they form obtuse or acute angles, choose options to properly fill points where joins occur.



Control how your brushes repeat, space, and handle corners and ends. The new options allow you to manipulate individual aspects of a brush to such an extent, you can create just about any look imaginable.

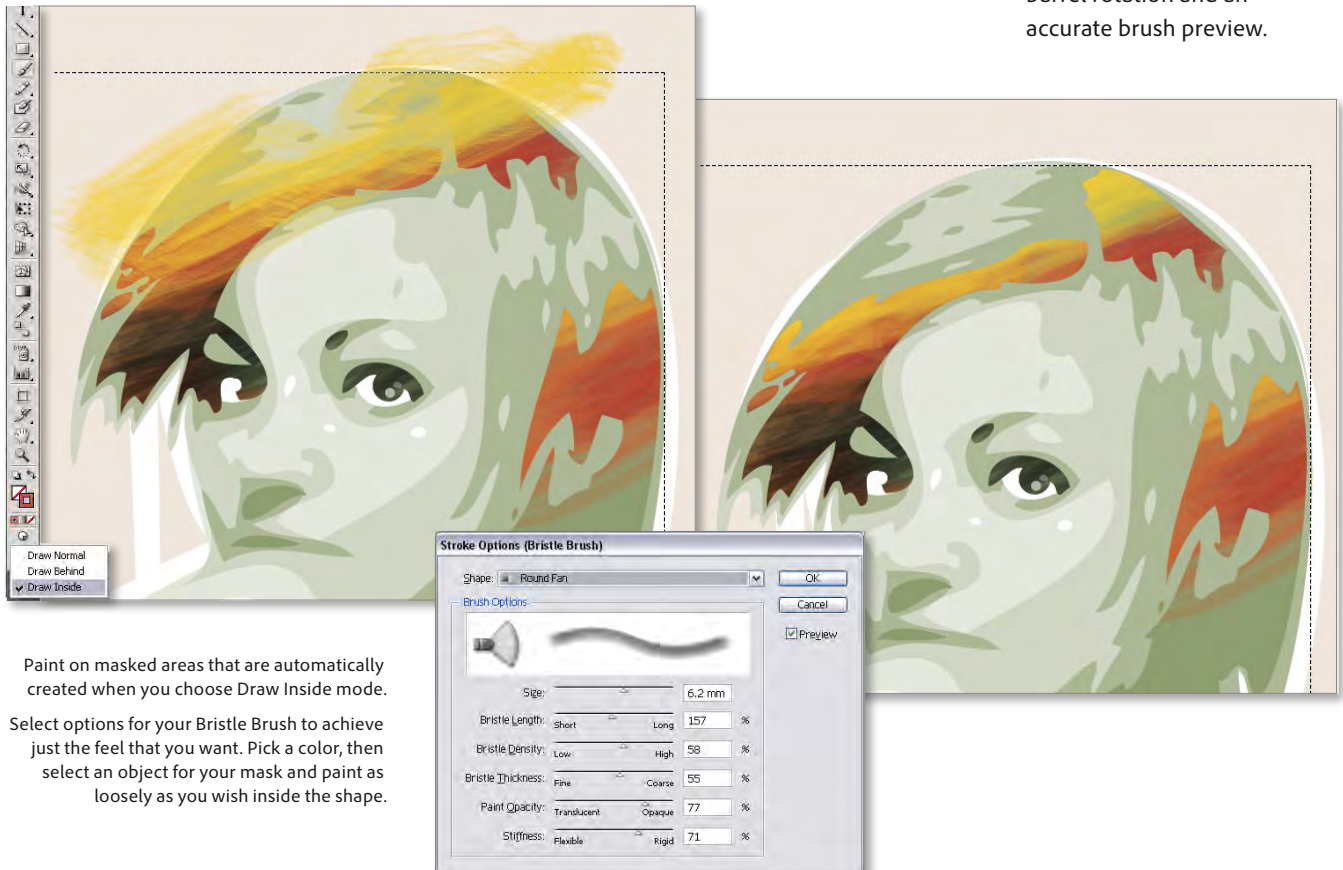


Bristle Brush

Paint with vectors that resemble real-world brush strokes. The new Bristle Brush provides breakthrough control of painting. You can set bristle characteristics such as size, length, thickness, and stiffness. Set brush shape and bristle density. And set paint opacity, which uses transparency variations to simulate lifelike blending. When you have chosen the perfect characteristics for your Bristle Brush, you can save it for later use.

With the Bristle Brush you can achieve the expressiveness of natural media like watercolors and oils—but with the scalability and editability of vectors. Get the most out of the Bristle Brush using a tablet with a Wacom 6D Art Pen, which responds automatically to pressure, bearing, and tilt, plus provides 360-degree barrel rotation and an accurate brush preview.

The Bristle Brush can be used in a variety of ways. You can paint traditionally or you can brush along text shapes to create scrubby or soft-edged type. This text logo works perfectly on the web or on a billboard because it's all purely vector.



Paint on masked areas that are automatically created when you choose Draw Inside mode.

Select options for your Bristle Brush to achieve just the feel that you want. Pick a color, then select an object for your mask and paint as loosely as you wish inside the shape.

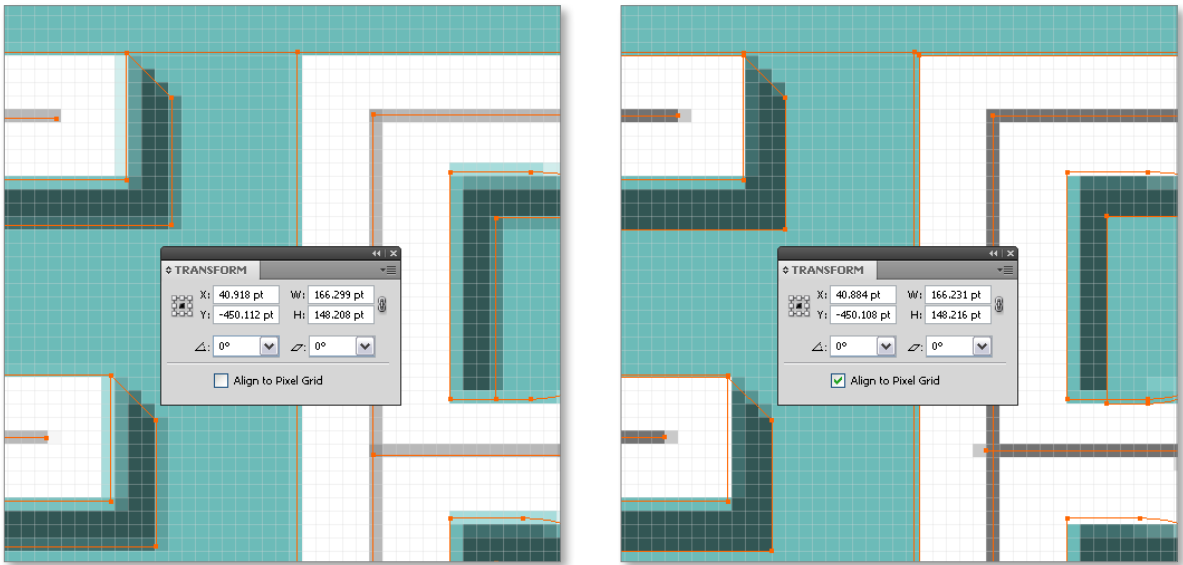
Crisp graphics for web and mobile devices

Create vector objects precisely on the file's pixel grid for delivering pixel-aligned artwork. When you're designing artwork for Flash Catalyst, Adobe Flash Professional software, and Adobe Dreamweaver® software, it's critical that raster images look sharp, especially standard web graphics at 72ppi resolution. Pixel alignment is also useful for video resolution rasterization control. And in Illustrator CS5, new web graphics tools include type enhancements. Choose one of four text anti-aliasing options for each of your Illustrator text frames.

Pixel grid alignment

Generate clean, sharp raster graphics by turning on Align To Pixel Grid. Objects are automatically nudged to the closest pixel edge when you create them or apply transformations. Now, a one-pixel stroke won't straddle two pixels and get blurred or lost with anti-aliasing. Zoom in to see the grid and watch your objects align as you work. The alignment control is located in the Transform panel.

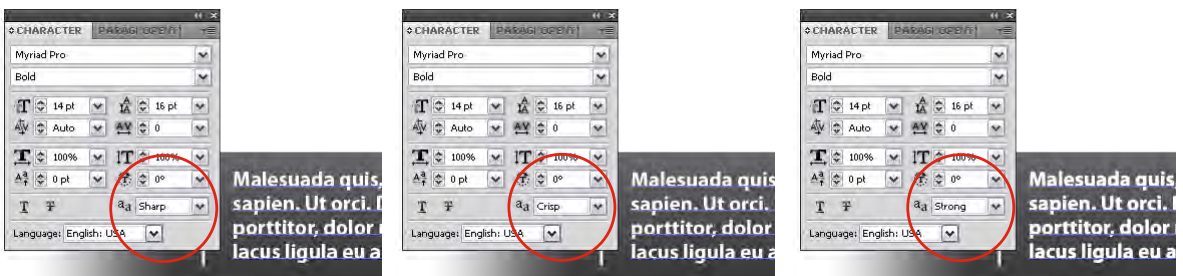
Zoom in to see the pixel grid and watch your objects align as you work. Align To Pixel Grid ensures that when you save artwork as a raster image, the results will be crisp and clean.



Text anti-aliasing

Create readable text for the web, mobile devices, handsets, gaming devices, or any destination where you need to generate raster images from your Illustrator artwork. Four anti-aliasing options now appear in the Illustrator CS5 Character panel. Choose among Sharp, Crisp, Strong, and Smooth, which match the text anti-aliasing rules in Adobe Photoshop® software. You can apply a different rule to each text frame in your artwork, and your specifications are saved with the file.

Achieve the subtlety you need and the very best rendered appearance for fine type in web and interactive projects.



Multiple artboards enhancements

The multiple artboards feature introduced in Illustrator CS4 is now markedly better. Work on up to 100 artboards of varying sizes all in one document, organized and viewed the way you want. New and greatly expanded artboard options in Illustrator CS5 include a full Artboards panel, in which you can name and reorder artboards. Quickly add, delete, and duplicate them using panel controls or keyboard shortcuts.

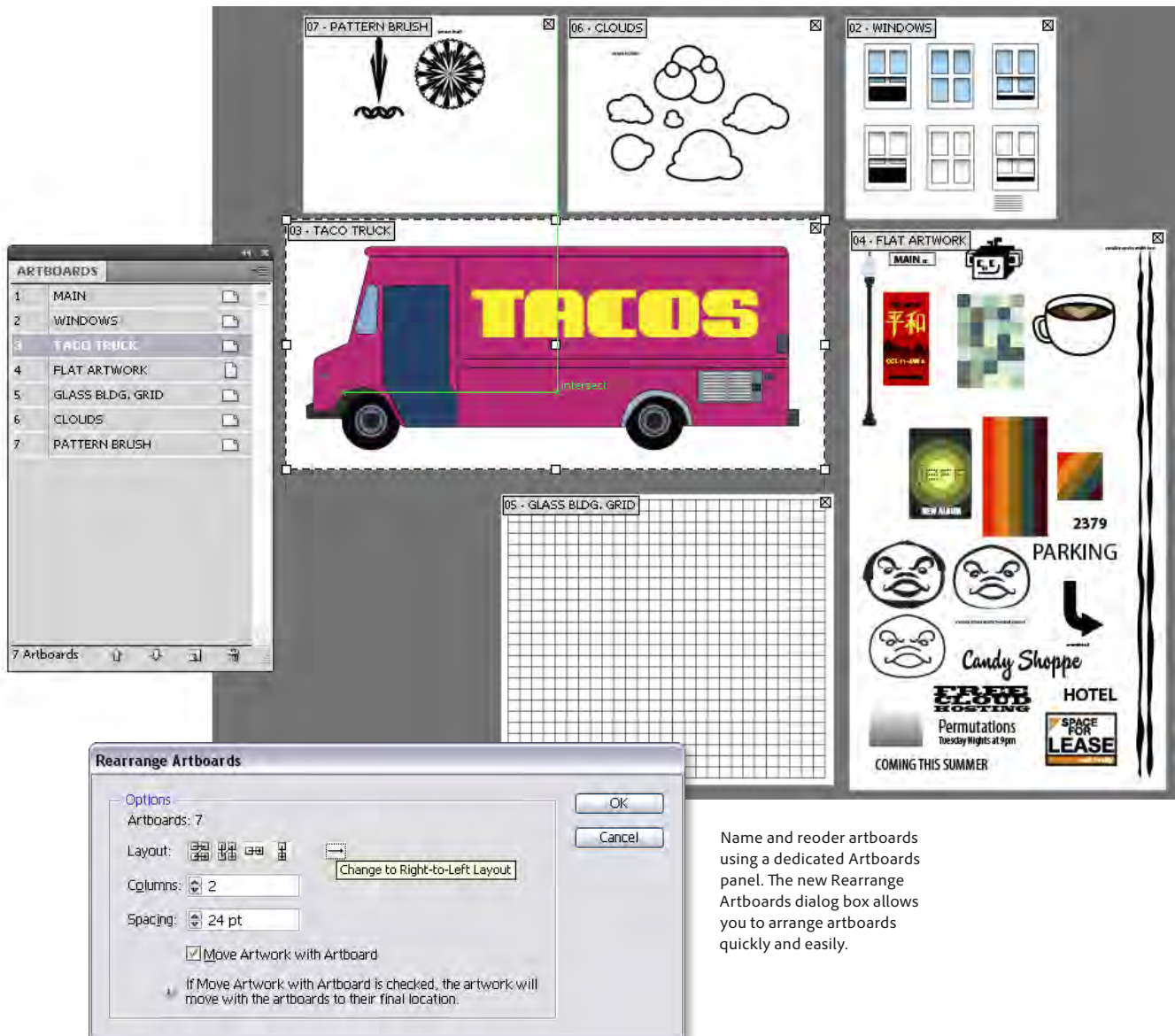
Artboards are also easier to arrange, aligned to a grid if you wish, with rows and columns you define. New ruler behavior includes automatic top-left origin, and the options for saving your artwork now include saving one, all, or a range of individual artboards as individual AI files.

The advantage of multiple artboards is that you can work on a variety of related projects in a single file and share settings and content across designs. For different outputs, you can choose among a variety of preset ratios and guides, such as for print or web design. You can create artboards to mock up aspect ratios such as an HDTV screen, a movie theater screen, or the screen of a mobile device, exploring ways to adapt your composition for each of them.

You can also create an artboard inside an artboard to serve as a crop area so it's easy to export just a piece of a composition. Save, export, and print artboards independently or together—as a series of files or as a single, multipage PDF file.

Automatic rotation of artboards in the Print dialog box

If your document contains both landscape and portrait artboards, in Illustrator CS5 they will automatically rotate to the correct orientation for printing to a chosen media. For example, in the Print dialog box, choose Portrait Media for all artboards and see in the preview window that your landscape artboards automatically rotate to read vertically on a portrait page.



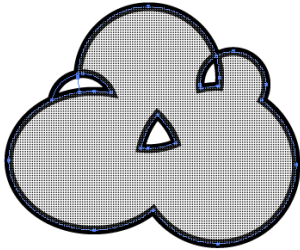
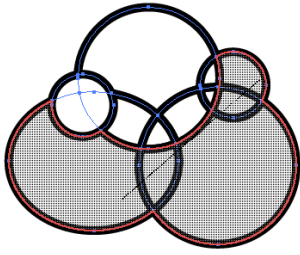
Name and reorder artboards using a dedicated Artboards panel. The new Rearrange Artboards dialog box allows you to arrange artboards quickly and easily.

Shape Builder tool

Intuitively combine, edit, and fill shapes on your artboard. Drag the cursor across overlapping shapes and paths to create new objects and add color without accessing multiple tools and panels. Quickly unite, exclude, trim, and more.

If you have ever worked with the Pathfinder panel, you will appreciate the Shape Builder tool. It enables merging objects, breaking overlapping shapes into distinct objects, subtracting areas, and more. For example, you can draw a stroke across a the middle of a circle and quickly create two half-circles—no need to open a panel or choose another tool.

Coloring fills and strokes is easier now, too. The Shape Builder tool includes interactive color selection for quickly filling closed or partially closed areas of your artwork. Options include automatic gap detection and choosing whether or not to automatically fill new shapes.



Use your mouse or pen to stroke across selected shapes to merge them, use a shortcut key to subtract shapes, and quickly drag color into the new objects.

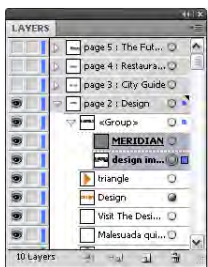


Drawing enhancements

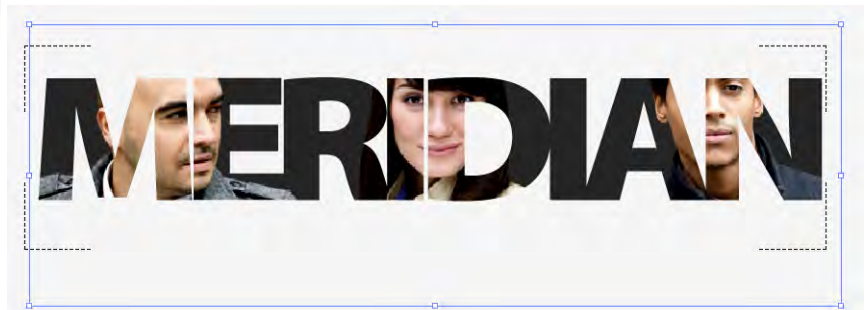
Work faster with everyday tools. Improvements to familiar drawing tools make using Illustrator CS5 efficient and productive. Instant masking using Draw Inside mode and joining paths with a keystroke are just two of the enhancements that speed up your routine tasks.

Draw behind and inside—Draw behind other objects without choosing layers or worrying about stacking order. Draw or place an image inside a shape, including live text. The draw inside feature automatically creates a clipping mask from the selected object.

Find Draw Behind and Draw Inside modes at the bottom of the toolbar. Select an object, choose a mode; then, when you draw, place an image, or create a shape, your new element is behind the selected object. With Draw Inside, the selected object will also become a mask.



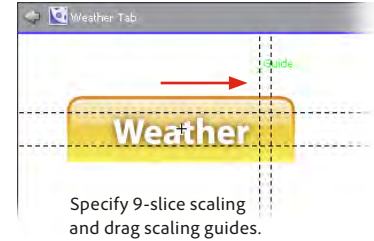
You can quickly create a photo mask out of any object. Simply select a text object, choose Draw Inside, and then choose File > Place.



Symbols are of special significance in Adobe Flash CS5 Professional

Use symbols to animate repeated objects. Now, symbol registration points are respected when Illustrator symbols are imported into Flash Professional. Symbol object attributes are among other properties faithfully preserved.

Symbols—New 9-slice scaling in Illustrator and registration point control make symbols more powerful than ever. Scaling an object with 9-slice control enables proportion maintenance in exactly the places you want it, now available in Illustrator and not just for export. Repeat extremely complex symbols and maintain ultimate control while you scale and transform them in Illustrator.



Use 9-slice scaling to retain the readability of the text in a symbol along with the integrity of the corner shapes.

Artboard ruler origin and coordinates—No longer think twice about your coordinates. Artboard ruler origins and coordinate systems are now oriented from the upper left. If you have scripts that use a previous coordinate system, they will still work correctly. You can also choose to work with a global ruler that provides coordinates across all your artboards, or you can work with local, artboard-specific rulers.

Path join—Join open paths in a single keystroke with objects selected. You no longer need to select endpoints, and you can join more than one path at a time. Simply select two or more open paths and press Command+J (Mac) or Ctrl+J (Windows) to see your paths join into one open path.

Select behind—Use a keyboard shortcut to easily select an individual object located behind other objects. Press Command (Mac) or Ctrl (Windows) when you select the object that's in the back.



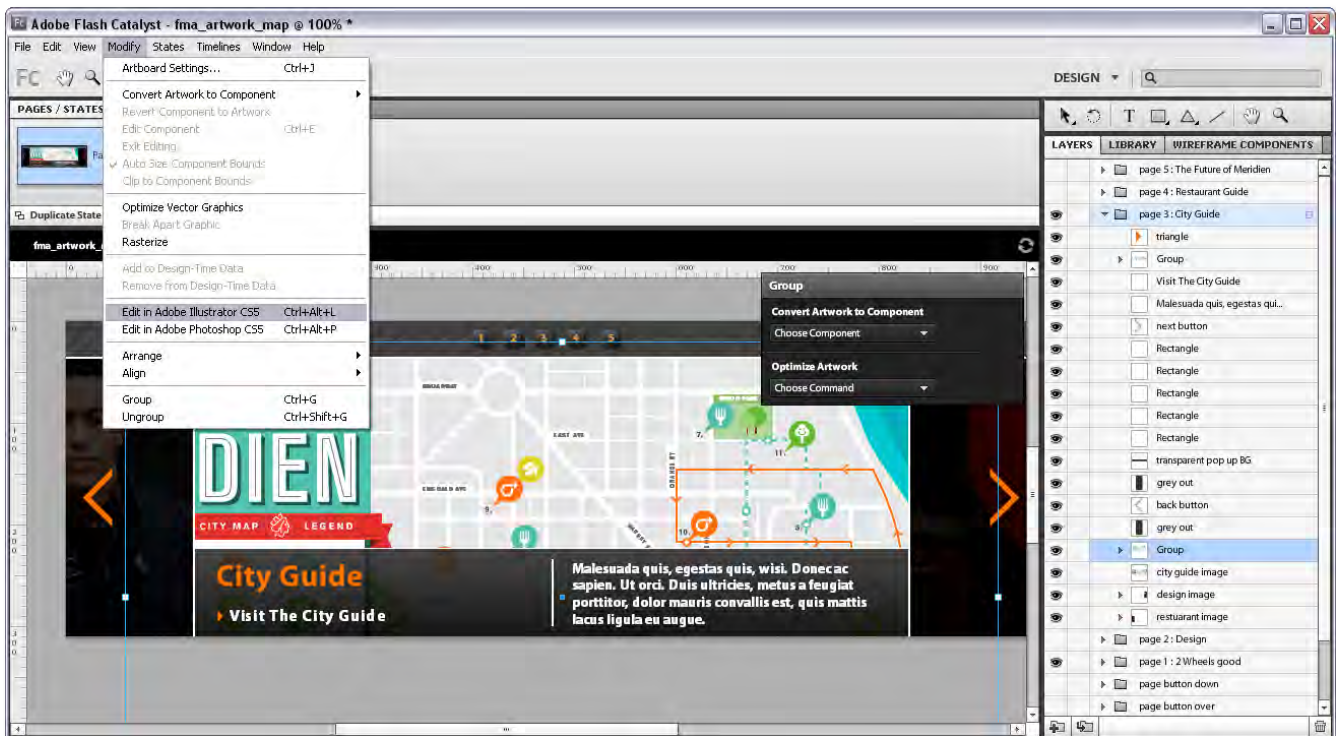
Roundtrip editing with Adobe Flash Catalyst CS5

Use Illustrator CS5 for interaction design, now enabled by new Adobe Flash Catalyst CS5, available in Adobe Creative Suite 5 Design Premium, Web Premium, Production Premium, and Master Collection. Develop your ideas and design your interface in Illustrator, creating screen layouts and individual elements such as logos and button graphics. Then open your artwork in Flash Catalyst and add actions and interactive components there—without writing code.

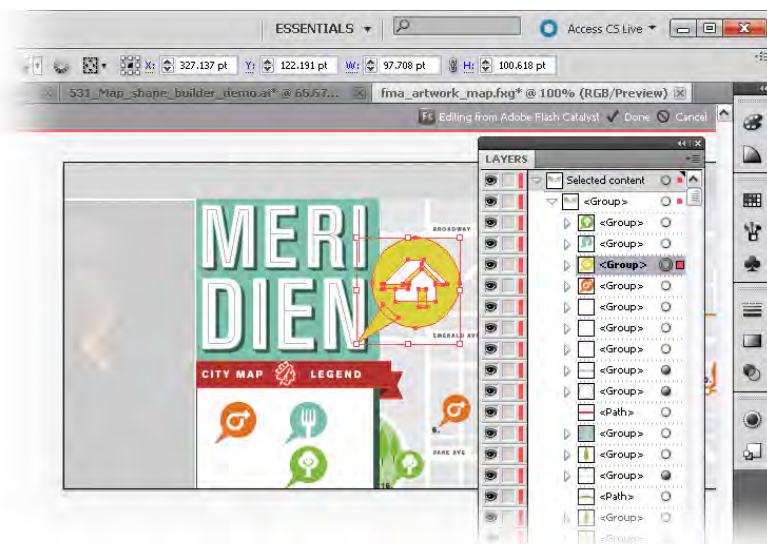
Create layers in Illustrator for screens in an interactive project. This map is a group within the file's City Guide layer.



After you've added interactivity to your designs, you can still make edits and design changes directly within Illustrator. From Flash Catalyst, simply choose **Modify > Edit In Adobe Illustrator CS5** and the artwork opens, ready to edit, in Illustrator. For example, you can edit the look of interactive button states in Illustrator while seeing that the structure you added in Flash Catalyst is maintained.



When you open an Illustrator file in Flash Catalyst, you see all your layers preserved. Then you can choose an element to edit in Illustrator CS5.



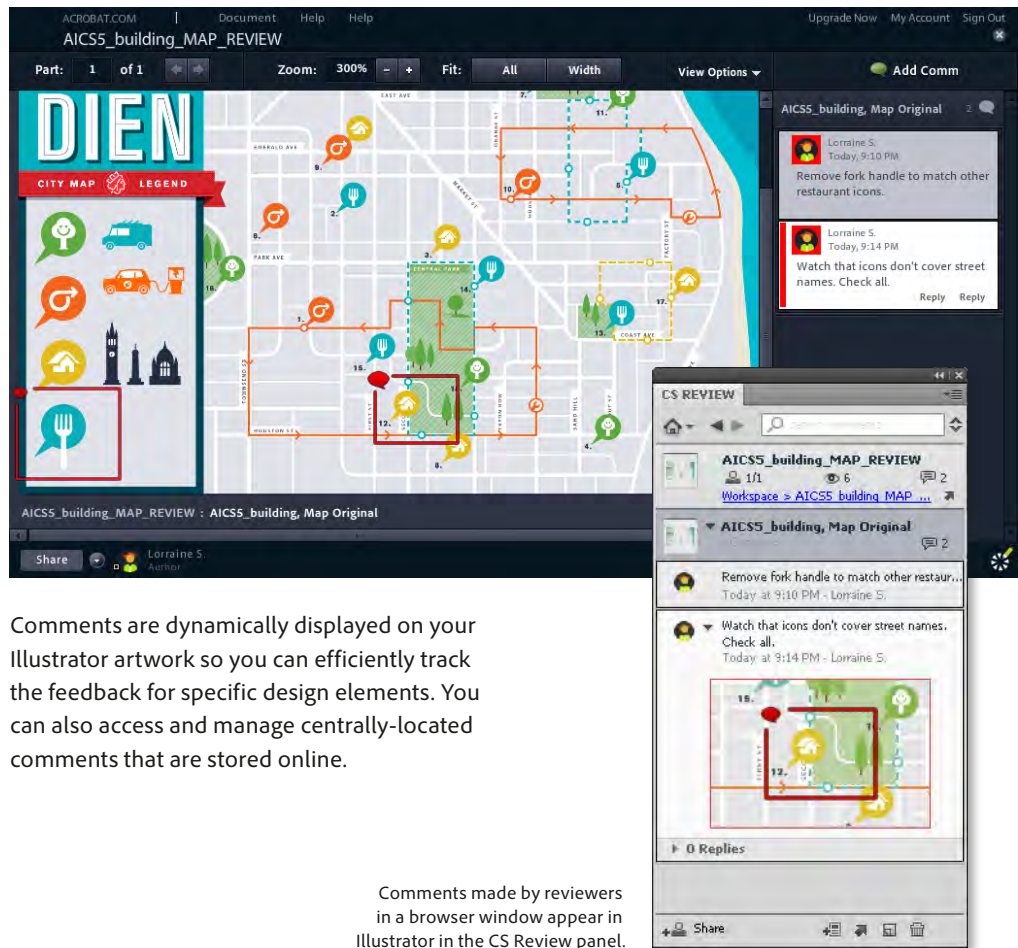
Edit elements using Illustrator, and simply choose **Done** when you're finished to update the artwork in Flash Catalyst.

Resolution-independent effects

See raster effects such as drop shadows, blurs, and textures maintain a consistent appearance across media. Have you ever found that your artwork mysteriously loses its smooth, high-quality look when you publish? You can now create work for different types of output and know that popular raster effects maintain an ideal appearance no matter how your resolution settings change—from print to web to video. You can even go up to a higher resolution. Work quickly and efficiently with low-resolution artwork and then scale up when you're ready to go to a finished output such as high-quality print.

Integration with Adobe CS Review

Illustrator CS5 integrates with Adobe CS Review, one of several new CS Live online services*. With Adobe CS Review, you can create and share online reviews for clients and colleagues down the hall or around the world. From within Illustrator CS5, publish a review of your work to the web. Multiple reviewers can then access your review from a browser without any additional software and make comments right in their browser window with easy-to-use annotation tools.



Comments are dynamically displayed on your Illustrator artwork so you can efficiently track the feedback for specific design elements. You can also access and manage centrally-located comments that are stored online.

Comments made by reviewers in a browser window appear in Illustrator in the CS Review panel.

Still using Illustrator CS3?

If you're still using Illustrator CS3, upgrading to Illustrator CS5 also gives you the chance to catch up on the great features added in Illustrator CS4. Discover transparency in gradients, in-panel appearance editing, and a new Blob Brush tool for fluid sketching. Along with the exciting new features in Illustrator CS4, you'll find that existing features were polished and hidden functions uncovered to expose deep capabilities, enabling you to learn new techniques quickly and take advantage of the true power of Illustrator.

By upgrading to Illustrator CS5, you can experience:

- **Multiple artboards.** Create files containing up to 100 artboards of varying sizes and display them any way you want—overlapping, side by side, or stacked. Save, export, and print artboards independently or together. Save a selected range or all artboards as a multipage PDF file.
- **Transparency in gradients.** Define the opacity of any individual color stop in a gradient. Reveal underlying objects and images, and create rich color and texture mixes using multiple layers, knockouts, and cover-up fades.
- **In-panel appearance editing.** Edit object characteristics directly in the Appearance panel, eliminating the need to open fill, stroke, or effects panels. Work with shared attributes and control display for faster rendering.

System requirements

Windows

- Intel® Pentium® 4 or AMD Athlon® 64 processor
- Microsoft® Windows® XP with Service Pack 3; Windows Vista® Home Premium, Business, Ultimate, or Enterprise with Service Pack 1; or Windows 7
- 1GB of RAM
- 2GB of available hard-disk space for installation; additional free space required during installation (cannot install on removable flash-based storage devices)
- 1024x768 display (1280x800 recommended) with 16-bit video card
- DVD-ROM drive
- Broadband Internet connection required for online services*

Mac OS

- Intel® processor
- Mac OS X v10.5.7 or v10.6
- 1GB of RAM
- 2GB of available hard-disk space for installation; additional free space required during installation (cannot install on a volume that uses a case-sensitive file system or on removable flash-based storage devices)
- 1024x768 display (1280x800 recommended) with 16-bit video card
- DVD-ROM drive
- Broadband Internet connection required for online services*

For updates to system requirements, visit www.adobe.com/go/illustrator_systemreqs.

- **Blob Brush tool.** Sketch with a brush that generates a single clean vector shape, even when strokes overlap. Draw naturally to create a single filled object, using the Blob Brush tool together with the Eraser and Smooth tools.
- **Gradients exposed.** Interact with gradients right on your object. Set gradient angle, position, and elliptical dimensions. Add and edit colors using sliders—all with immediate feedback on the artboard, where you work.
- **Refined graphic styles.** Combine styles for unique effects and increased efficiency, and apply styles without disturbing an object's existing appearance. Enjoy new thumbnail previews and an expanded library of prebuilt styles.
- **Clipping masks demystified.** Work with masks more easily by viewing only the clipped area of your objects during editing. Take advantage of Isolation Mode, and use Edit Clipping Path for even more control.
- **Separations Preview.** Avoid color output surprises such as unexpected spot colors, unwanted overprinting, overprints that don't overprint, white overprinting, and CMYK blacks in text and placed files.

About Adobe Systems Incorporated

Adobe is the world's leading provider of software solutions to create, manage, and deliver high-impact, reliable digital content. For more information, visit www.adobe.com.

Expected ship date

Second quarter 2010

For more information

Product details:

www.adobe.com/illustrator



Adobe

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