

Autodesk Architectural Studio 3

Design Creation and Communication

- + Maintain an uncluttered interface with the Tool Catalog and user-created tool palettes.
- + Drag tools across palettes and the Tool Catalog for quick customization of the environment.
- + Group a set of documents by “clipping” them together.
- + Pin documents to the workspace to control placement and movement.
- + Mirror sketches vertically or horizontally with the Flip command.
- Overlay sheets of trace on CAD documents, models, drawings, or images; sketch directly on trace.
- Draw freehand and free-form with digital pencils, pens, and markers.
- Choose precise PANTONE® colors.
- Gain more drawing control and precision by creating straight lines, circles, arcs, splines, and rectangles.
- Snap to workspace grid and imported drawing geometry with snap cursors.
- Copy a color by sampling any part of an image, sketch, or drawing with the eyedropper.

Conferencing

- + Host and participate in design collaboration conferences with other team members in your firm with just two clicks.
- + Collaborate in a synchronous design review environment with fast performance and simple access.
- + Provide the visual channel for design meetings.

Media Aggregation

- Import JPG, PNG, and still or animated GIF files into workspaces to create multimedia documents.
- Use the Snapshot tool to capture images from within Autodesk Architectural Studio or any other application.

3D Modeling

- + Use workplanes to draw and model on a grid surface that can be placed as a construction plane.
- + Insert an imported image into a 3D workspace to use as a reference or decal.
- + Apply user-defined default height, color control, and transparency of 3D solids with 3D Property Sheets.
- Use simple, direct-manipulation solid modeling tools to create 3D conceptual models.
- Control color and transparency of 3D solids with 3D Property Sheets.
- Draw directly on 3D surfaces with pencils and markers.
- Set views to perspective, axonometric, elevation, or plan.
- Apply shadows to the groundplane and objects in 3D models using one standard light source.

Interoperability

- Import DWF™ (Design Web Format™) information directly from Autodesk Architectural Desktop with Publish to Architectural Studio command; also export Architectural Studio files directly into Architectural Desktop.
- Import DWF information directly from AutoCAD® 2000 and later releases using Publish to Architectural Studio command (requires free plug-in downloadable from the Autodesk website).
- Create DXF™ and JPG files with Export command.

Recommended System Requirements

- Intel® Pentium® III PC with 1 GHz processor (recommended), Pentium III with 700 MHz processor (minimum), or compatible
- Microsoft® Windows® XP, Windows 2000 Professional, Windows 98, or Windows NT® 4.0 Workstation (SP6 or later)
- 512 MB RAM (recommended), 256 MB RAM (minimum)
- 80 MB hard disk space for installation files (minimum)
- 200 MB hard disk space for media files (minimum)
- 1024x768 (or better) display resolution (recommended), 800x600 display resolution (minimum); 64 K color-depth minimum (16-bit color)

- Pen-based input device (recommended), mouse or other pointing device (minimum)
- Microsoft Internet Explorer 4.0 or later
- TCP/IP protocol
- WAN, LAN, or other intranet access (for conferencing)
- Internet connection (for registration)

Purchase or Learn More

Purchase Autodesk Architectural Studio through your Autodesk Authorized Reseller. To locate the reseller nearest you, visit www.autodesk.com/reseller.

The Autodesk Subscription Program is the easiest way to keep your design tools up-to-date. For an annual fee, you get the latest versions of your licensed Autodesk software, providing a budget-conscious way to ensure you're always using the most current technology. Visit www.autodesk.com/subscription or contact your Autodesk Authorized Reseller for more information about this new pipeline to software simplicity.

For more information about Autodesk Architectural Studio, visit www.autodesk.com/archstudio.

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Autodesk, Inc.
111 McInnis Parkway
San Rafael, CA 94903
USA

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Autodesk® Architectural Studio

The Digital Design Studio

More than just a workshop to produce drawings, the architect's studio is where designers come together to explore, develop, critique, and share design ideas. Autodesk® Architectural Studio 3 re-creates the tools and practices of the traditional design studio and brings them into the digital world for enhanced communication. Whatever your level of CAD proficiency, you can quickly investigate design ideas with intuitive, direct-manipulation sketching and modeling tools; present your ideas in an interactive, multimedia workspace; and collaborate with colleagues in other locations through real-time conferencing right from your desktop.



Collaborate with your colleagues through real-time conferencing right from your desktop.

Digital Communication and the Design Process

Presenting ideas to clients. Conveying design changes or modifications. Working out details with consultants. Wherever you are in the design process and whatever your role, you're constantly interacting with team members to exchange crucial project information. And for a design professional, writing an email or speaking on the phone often isn't enough. You need to communicate graphically in the form of sketches, models, and markups. That's where Autodesk Architectural Studio's digital communication and collaboration tools can help.

The Simplicity of Creation and Communication

Autodesk Architectural Studio combines the ease and simplicity of traditional design tools and practices with the power and speed of technology. Whatever your level of CAD proficiency, you can quickly and intuitively create and share design information with the entire project team. This can mean communicating conceptual design ideas by using pens,

markers, and modeling tools. Conveying to the client how your design fits the site by combining photographs, renderings, and drawings in a multimedia workspace. Instantly incorporating client feedback during an interactive presentation. And, above all, collaborating with remote team members in a real-time workspace right from your desktop.

What's New in Autodesk Architectural Studio 3

New features in Autodesk Architectural Studio 3 make creating and communicating design information a lot easier—and a lot faster. Favorites include the intranet conferencing feature for remote, synchronous collaboration right from your desktop. New editing and customization features give you greater freedom to manipulate design information and to customize tools, tool palettes, and the user interface. And expanded 3D modeling tools provide new ways to create, navigate, and design in 3D.



An integrated, digital environment for sketching, modeling, presenting, and collaborating.

Traditional Design in the Digital World

Autodesk Architectural Studio draws its inspiration from the architect's traditional design studio. In this workspace you see a variety of media—including sketches on trace, hardline drawings, study models, and photographs—arranged for immediate access and reference. And there are lots of simple tools, such as pencils, markers, and erasers. What's more, the traditional studio represents a lively culture of architectural collaboration and communication: critiquing one another's work, holding charrettes, and discussing design issues.

Autodesk Architectural Studio re-creates the tools, the practices, and especially the spirit of the architect's traditional studio and combines them with the power and reach of digital technology. The benefits? Instead of using pen and paper to express conceptual design ideas, then starting from scratch to produce more detailed drawings at the computer, you're getting your design vision into the digital workflow from project outset and keeping it digital for ongoing review and development. Plus you can effectively communicate design information in real time with remote partners through intranet conferencing right from your desktop.

The Way Design Should Feel

You know that feeling you get from drawing on paper? The uninterrupted flow of thought, the dynamics of hand-eye interaction? Now you can get it in digital form with Autodesk Architectural Studio. Its direct-manipulation conceptual design tools for sketching, modeling, and data manipulation feel just the way they should: familiar, simple, and intuitive. For example, capture loose, ambiguous data with easy-to-use pencils, markers, and layers of trace. Develop study models of your design with 3D modeling tools as you would with clay or chipboard. Or refine your design with editing tools like Snap, Rotate, Flip, and Document Pin/Clip.

Autodesk Architectural Studio's design and communication tools are just as easy to use as their physical counterparts, but because they are digital you have greater flexibility in design exploration. You can more easily modify, move, copy, and paste design data; develop study models faster than fabricating physical models; and even manipulate your design in ways that you can't in the physical world; for example, sketching right on top of a 3D model or animation.

Less Is More: The Designer's Interface

Simpler is better, especially if it's more powerful. Autodesk Architectural Studio is different from other design software because it's built on accessible, transparent technology—from easy-to-use tools to an interface that is clean, elegant, and simple to navigate. The user interface, design tools, and tool palettes are fully customizable. For example, simply drag tools from one palette to another, store infrequently used tools in a central catalog, or even define special tool palettes based on criteria such as different phases of the design process.

Design and Present with Multimedia

Autodesk Architectural Studio is where different types of media, different phases of the design process, and even different design applications come together. Let's say you want to explore conceptual design options within the context of a building site. In the same digital workspace, you can aggregate a site photograph, hardline drawing, and rendering, and interact with these media using Autodesk Architectural Studio's conceptual design tools. Then you can use this same multimedia space to create compelling presentations that not only display your design, but also let you instantly incorporate team feedback. Does your principal or client want to know what the project would look like with a tower or third floor? No problem.

You can even bring in precision CAD drawings from other Autodesk design applications such as Autodesk® Architectural Desktop and AutoCAD® software. So if design drawings or construction documents require conceptual reworking, rather than marking up hard copies, simply sketch and annotate directly on top of these drawings in Autodesk Architectural Studio. Not only does this cut down on expensive plotting, it keeps your design data in the digital workflow from start to finish for better efficiency and fewer drawing errors.

Real-Time Conferencing

From the single desk to the elaborate conference facility, the architect's meeting area is where team members come together to share, explore, critique, and present design. With Autodesk Architectural Studio's built-in conferencing tools, you can extend this traditional meeting space to remote team members within your firm's intranet, regardless of location. For example, you're in New York City and need to review elevation studies with team members in the Chicago office. With only two clicks, you can share your desktop without having to set permission controls.

All conference participants can view and graphically communicate in the same workspace by sketching, modeling, and annotating. With intranet conferencing, design issues get resolved faster, plus you bypass the costs associated with plotting, faxing, and dispatching drawings by courier.



In Autodesk Architectural Studio 3 you can sketch, model, present, and collaborate in a single digital environment.

