Take design further.
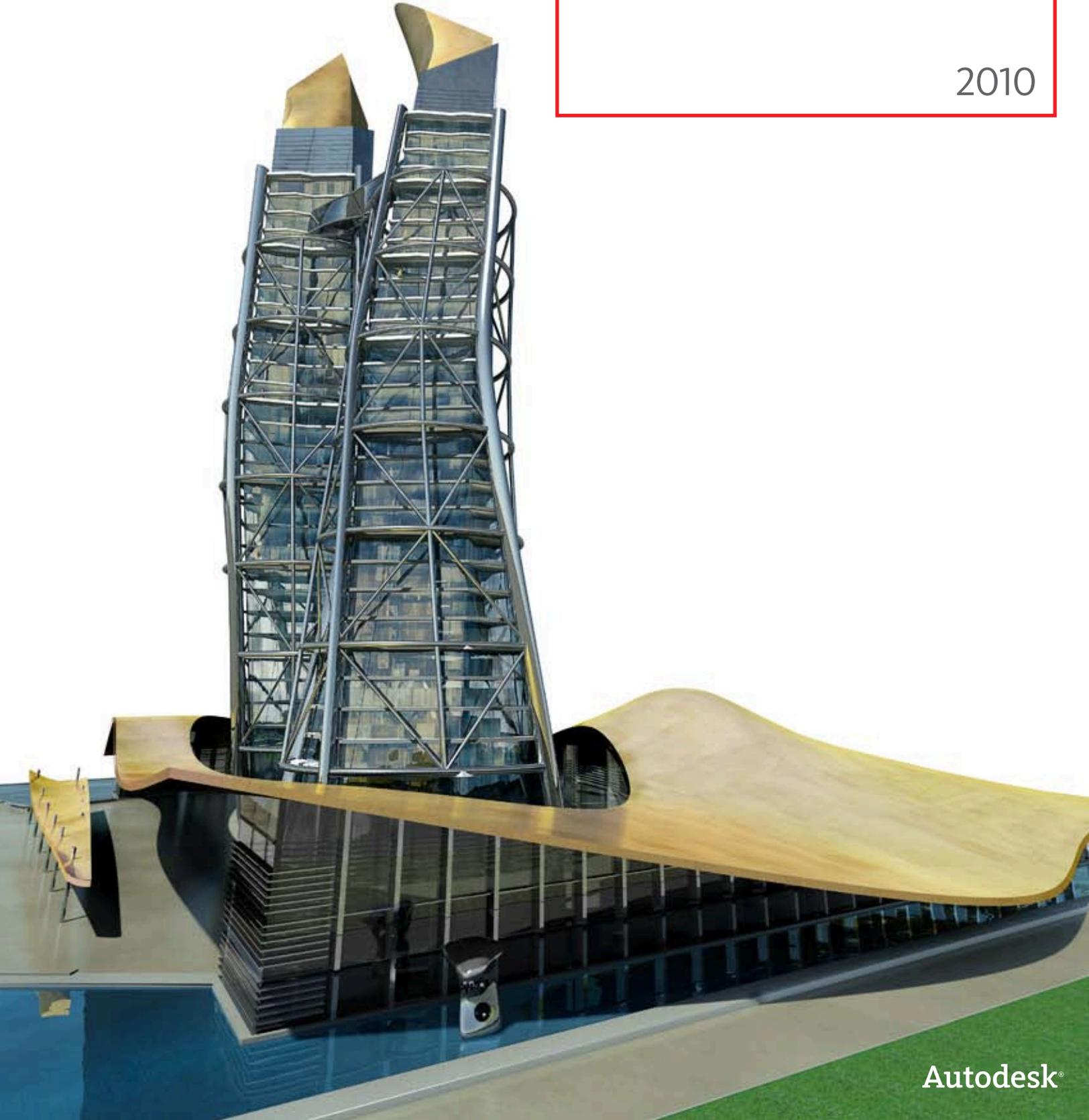
AutoCAD®

2010
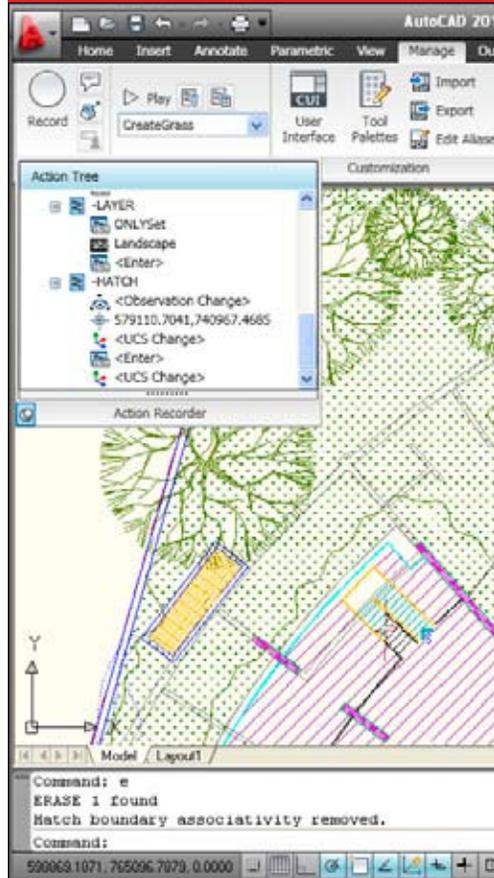
Shape Everything

Speed up documentation, share designs accurately, and explore ideas more intuitively in 3D. AutoCAD® software provides the ultimate in power and flexibility, customizable for your specific needs.

> From start to finish, I depend on AutoCAD for *design*.
>
> —Eddie Paul
> Hollywood special effects and stunt designer

Autodesk has been focused on bringing efficiencies to your design process for more than 26 years. Used by millions of people all over the world, AutoCAD is one of the world's leading design and documentation software solutions. From robust 3D free-form design tools to powerful drafting and documentation capabilities, AutoCAD continues to lead and drive design innovation.

Speed Up Documentation
Drive projects from concept to completion with the powerful documentation tools in AutoCAD. Work faster with automation, management, and editing tools that minimize repetitive tasks and speed your time to completion. No matter your project's size or scope, you can meet the challenge with AutoCAD—which has been continuously leading and innovating documentation for decades.

Sheet Sets
Organization isn't a luxury. The AutoCAD Sheet Set Manager organizes your drawing sheets, reduces the steps to publish, automatically creates layout views, links sheet set information into title blocks and plot stamps, and performs tasks across a sheet set so everything is in one convenient place.
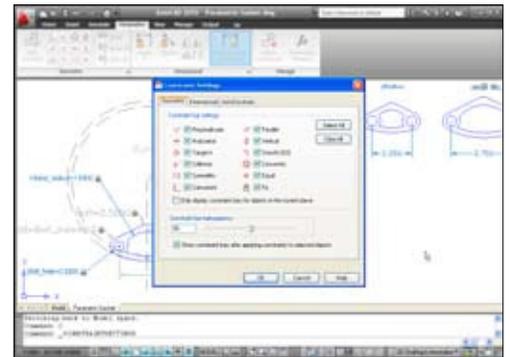
Annotation Scaling
Spend less time creating and managing multiple items across multiple layers. With annotation scaling tools, you can create a single annotative-type object that automatically resizes to reflect the current viewport or model-space scale.

Text Editing
Now you can easily manipulate text by viewing, sizing, and positioning text as you type. Adjust the text's appearance as needed using familiar tools common in text-editing applications, including paragraph and column tools, to achieve professional-quality formatting.

Parametric Drawing
Dramatically slash your design revision time with parametric drawing. By defining persistent relationships between objects, parallel lines remain parallel and concentric circles remain centered—all automatically.

Save time with parametric drawing tools.

Dynamic Blocks
Save time and standardize drawings with ease. With Dynamic Blocks, you no longer have to redraw repetitive standard components, and you can reduce your cumbersome block libraries in the process. Dynamic Blocks make individual block geometry editable and reduce the need to define a new block for every variation of shape and size.

Efficient User Interface
Working with several files doesn't have to be painful anymore. The Quick View feature uses thumbnails in addition to file names, so you can visually find and open the correct drawing file and layout even faster than before. Within the Menu Browser you can also quickly browse files, examine thumbnail images, and get detailed information about file sizes and creators.
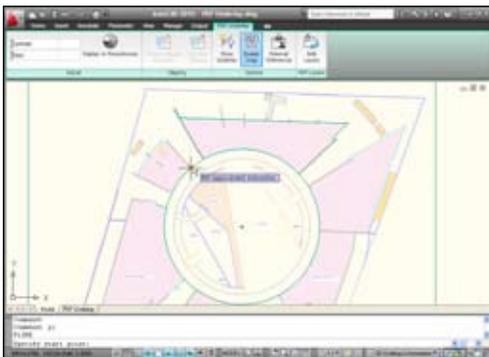
Experience Seamless Communication

Share critical design data securely, efficiently, and accurately with AutoCAD. Experience the benefits of native DWG™ support, one of the world's most widely used design data formats, which allows you to keep everyone in the loop at all times. Take your ideas to the next level with presentation-ready graphics, rendering tools, and robust plotting and 3D printing capabilities. It's communication at its best.

PDF Integration

Sharing and reusing designs has never been easier, thanks to a long list of upgrades made to streamline communication. Publish PDF files directly from AutoCAD drawings and attach and snap PDF files as underlays.
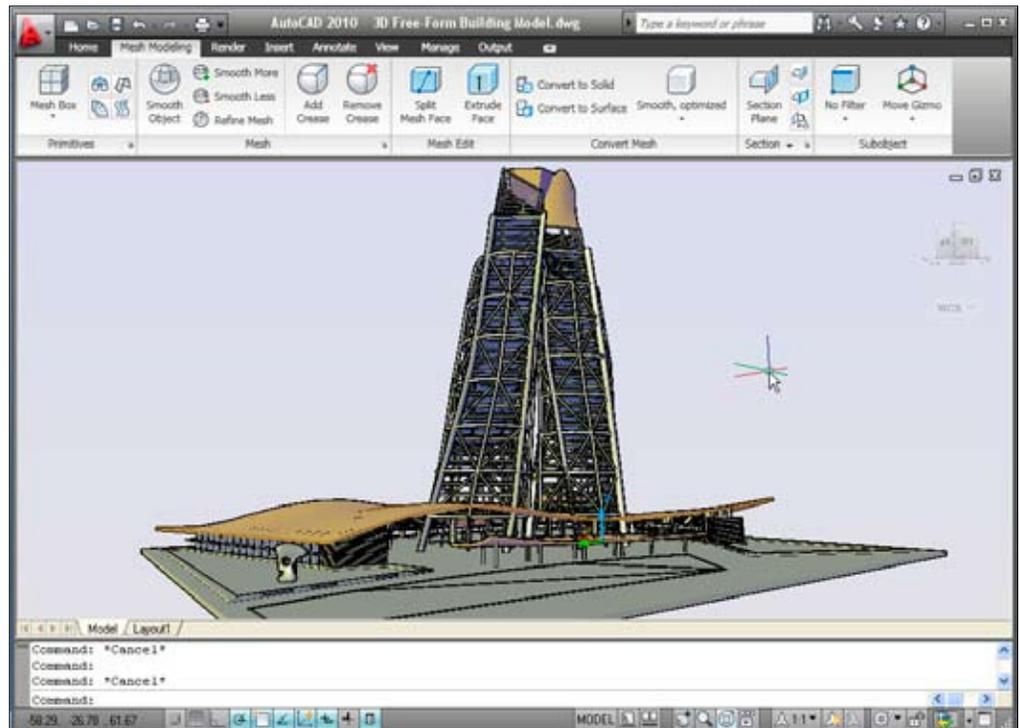

Import and underlay PDF files.

DWG

Save and share files with confidence. DWG technology from Autodesk is the authentic and accurate way to store and share design data when working with almost anyone in the industry. Have complete confidence in the integrity and reliability of your data.

Autodesk Impression 3 (Available to Autodesk Subscription customers only)

Supercharge your design presentations with a hand-drawn look. Autodesk® Impression software lets you create compelling presentation-ready graphics directly from your DWG and DWF™ files.

Photorealistic Rendering

With the latest in rendering technology, you can create stunning models in less time. Capabilities include a slider control that graphically displays the trade-off between time and rendering quality.

Explore Your Ideas

AutoCAD and a blank canvas have a lot in common. Both give you the ability to create the previously unimaginable. But AutoCAD provides the flexibility to explore design ideas in both 2D and 3D, with intuitive tools that help your concepts become real. The world is your canvas—what will you create?

Free-Form Design

Design ideas in almost any form you can imagine. Simply push/pull faces, edges, and vertices to model complex shapes, add smooth surfaces, and much more.

Visualization

Visualize your ideas like never before. Choose from more than 300 materials, apply photometric lighting, and control the display to create highly accurate, photorealistic rendered images.

3D Navigation

Walk or fly through a model with the click of a button. Quickly rotate and orient any solid or surface model with the Autodesk® ViewCube® navigation widget, or pan, center, and zoom on any object using the Autodesk® SteeringWheels® tool.

Customize in Ways You Never Thought Possible

Your job is unique. Your software should be as well. Customizing AutoCAD to meet your unique needs is amazingly easy. Configure your settings, extend the software, build custom workflows, develop your own application or leverage one already built. Don't choose between flexibility and power—with AutoCAD, you can have both.

Programming Interface

Take advantage of our flexible development platform to boost your productivity. With direct access to database structures, the graphics system, and native command definitions, you can specialize design and drafting applications to perfectly fit your needs.

Action Recorder

Save time and increase productivity by automating repetitive tasks without requiring the assistance of a CAD manager. Now you can record tasks, add text messages, and request user input, then quickly select and play back recorded macros.

Autodesk Partner Products and Services

Get the most out of thousands of Autodesk's software partners from around the world. These partners offer a broad range of fully integrated and interoperable solutions to further enhance your software—no matter what you're designing.