

AutoCAD was critical in the design of the National Stadium Brasilia. With a project of this size, there were many stakeholders who provided design input. AutoCAD's flexibility allowed us to incorporate these changes quickly and efficiently.

—Vicente Castro Mello  
Partner  
Castro Mello Architects

**AutoCAD**<sup>®</sup>

2013

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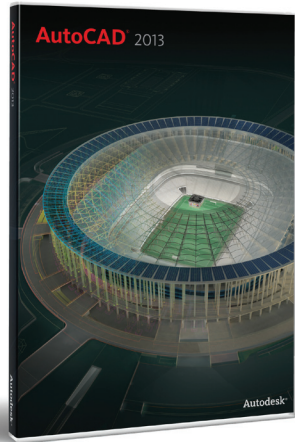
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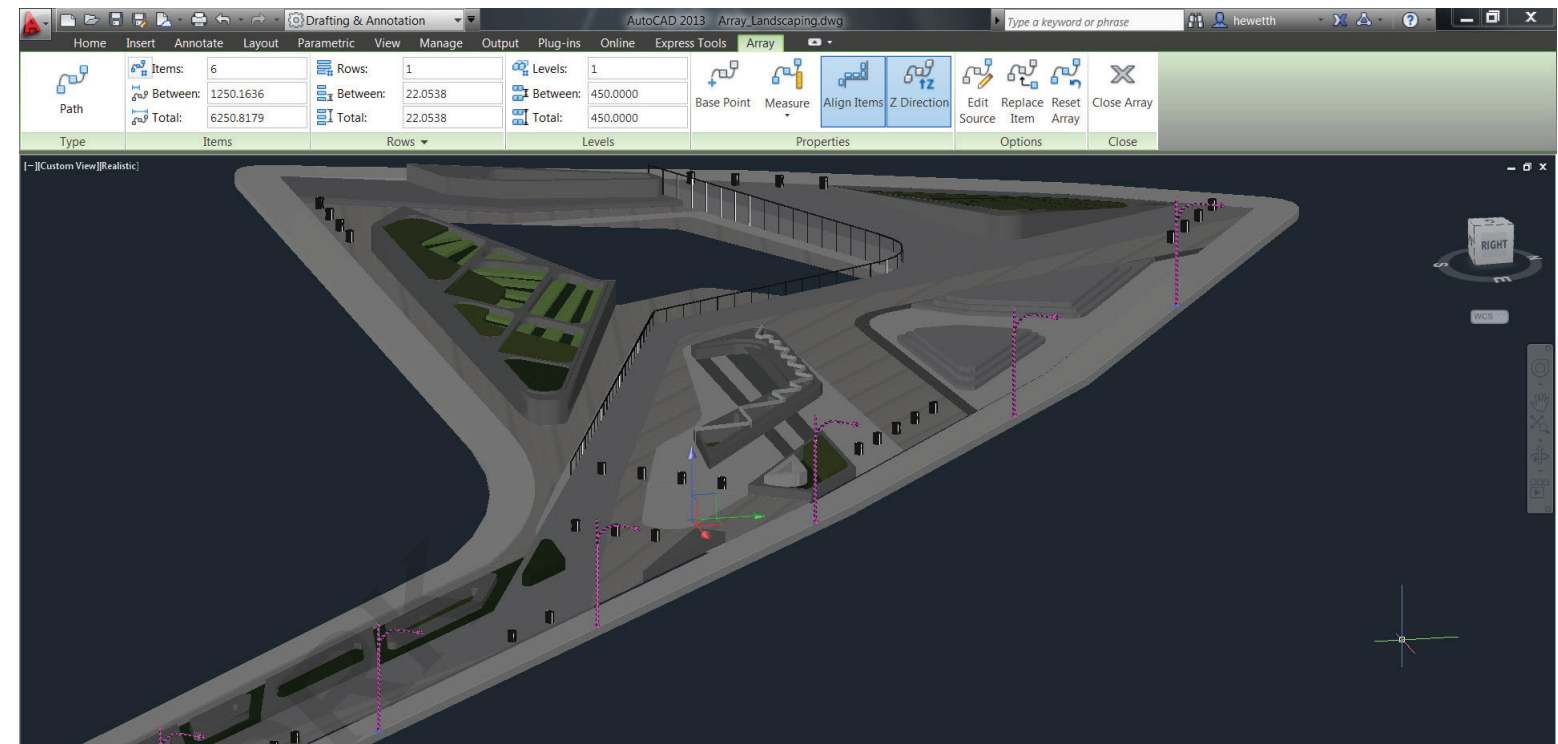
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Rendering of Estadio Nacional de Brasilia. AutoCAD<sup>®</sup> and Autodesk<sup>®</sup> 3ds Max<sup>®</sup> Design software products were used in the design process. Image courtesy of Castro Mello Architects.

# Connect Your Design Workflow



Design and shape the world around you with the powerful, flexible features found in AutoCAD software, one of the world's leading design applications.



AutoCAD Design Suite includes the most powerful AutoCAD software ever, plus tools to help you create, capture, connect, and showcase your designs with impact.

AutoCAD® Design Suite Premium 2013 includes:  
 AutoCAD® 2013  
 AutoCAD® Raster Design 2013  
 Autodesk® SketchBook® Designer 2013  
 Autodesk® Showcase® 2013  
 Autodesk® Mudbox™ 2013  
 Autodesk® 3ds Max® Design 2013

With powerful tools for design aggregation, AutoCAD® 2013 software connects and streamlines your design and documentation workflows. New tools to connect with Autodesk® 360 cloud-enabled services help you access and collaborate on designs from almost anywhere. And with a single destination to find and install hundreds of different apps, it's easier than ever to customize your AutoCAD experience.

AutoCAD 2013 is now available on both Windows® and Mac® OS, allowing you to work natively on your platform of choice.

Autodesk has been bringing efficiencies to your design process for almost 30 years. AutoCAD software is a world-leading design and documentation solution that helps drive design innovation for companies of all sizes in almost all industries.

### Explore Your Design Ideas

Create the previously unimaginable. AutoCAD 2013 software gives you the flexibility you need to explore design ideas in both 2D and 3D. A powerful set of intuitive tools helps you visualize and shape your ideas, bringing innovative concepts to life.

- **3D Free-Form Design**—Use robust surface, mesh, and solid modeling tools in AutoCAD 2013 software to investigate and refine your ideas.
- **Point Cloud Support**—Bring your 3D scans to life, streamlining time-consuming renovation and restoration projects.
- **Context-Sensitive PressPull**—Extrude and offset curves, creating surfaces and solids, and select multiple objects within a single PressPull operation.
- **Surface Curve Extraction**—Extract isoline curves through a specified point on a surface or face of a solid to determine the contour lines of any shape.
- **Autodesk® Inventor® Fusion**—An easy-to-use tool for direct modeling within a DWG™ environment, helping you flexibly edit and validate models from almost any source.

### Accelerate Documentation

Speed projects from concept to completion with the powerful documentation tools in AutoCAD 2013. Minimize repetitive tasks and accelerate your workflow. Import 3D models directly into AutoCAD 2013 and instantly create intelligent 2D views. No matter your project's size or scope, AutoCAD software can help you meet the challenge.

AutoCAD 2013 software offers a broad toolset that helps you drive efficiencies throughout the drafting and documentation process, regardless of your particular industry. Some of the new tools for AutoCAD 2013 include:

- **Section and Detail Views**—A new Layout tab provides easier access to tools for creating Section and Detail views of imported models.
- **Updated User Interaction**—The interface now includes a less intrusive, yet more flexible command line, additional contextual ribbon tabs, and more multifunction grips.
- **Property Edit Preview**—You can dynamically and instantaneously preview changes to object properties before applying them.
- **Strike-Through Text**—A new strikethrough style is provided, offering increased flexibility for representing text in your documents.

### Connect Seamlessly

Connect your entire design workflow by aggregating models from a variety of applications into your AutoCAD workplace. Synchronize files and collaborate on designs with built-in connections to Autodesk® 360 cloud-enabled services. And native support for DWG™, one of the world's most widely used design data formats, helps keep everyone on the same page.

- **Autodesk 360 Connectivity**—Synchronize drawings with your online account directly from AutoCAD software.
- **Import and Aggregate 3D Models**—Easily import and aggregate models from a variety of applications, including Pro/ENGINEER®, CATIA®, SolidWorks®, NX®, and Rhinoceros® products and services.
- **Inventor® File Import**—Create AutoCAD documentation drawings from Autodesk® Inventor® models while maintaining an intelligent and associative relationship between the AutoCAD and Inventor files.
- **Connect with Social Media**—Share your AutoCAD designs with your social world using built-in connections for Facebook® and Twitter®.
- **AutoCAD WS Web and Mobile App**—Stay connected to your designs from your mobile device.
- **Native DWG Support**—Demand native DWG support, not a conversion or a translation.

### Customize in Ways You Never Thought Possible

Your job is unique. Your software should be as well. Customizing AutoCAD to meet your specific needs can be easier than you think. Whether you simply want to arrange tools to match how you work or tailor the software for your industry, AutoCAD 2013 software is flexible enough to support your workflow.

- **AutoCAD® Apps on Autodesk® Exchange**—Extend the power of your software using AutoCAD companion apps created by members of the Autodesk Developer Network.
- **Simplified Migration Tools**—New and enhanced tools make it easier to migrate your custom settings.
- **Customization and Support File Sync**—You can easily share and access your AutoCAD customization preferences and support files, which move with you automatically from one machine to the next.
- **Customizable User Interface**—Get the tools you want, at your fingertips.
- **Programming Interface**—Create specialized design and drafting applications.

### Top 5 Reasons to Upgrade to AutoCAD 2013

1. **Design More Flexibly**—New functionality helps you quickly realize your design ideas. With tools for surface, solid, and mesh modeling, AutoCAD 2013 software now provides the utmost flexibility and control. Powerful Point Cloud tools allow you to import scanned objects with up to 2 billion data points, helping you start your projects with existing environmental data.
2. **Document Faster**—Hundreds of enhancements help speed your documentation workflow, including Section and Details View for imported models, Property Edit Preview, and Viewport Change Preview. The updated interface includes a more flexible command line and more multifunction grips. You also can automatically infer constraints in real time as you draw, virtually eliminating the need to define all of your object relationships manually.
3. **Connect More Intuitively**—Your entire design workflow is now connected. Quickly import and aggregate models from a variety of applications. Collaborate more easily via cloud-based technologies. Use mobile devices to access and edit designs. And with built-in connections to Facebook and Twitter, you can easily share designs with your social world.
4. **Communicate with Impact**—Create striking representations of your 3D models with integrated rendering tools. AutoCAD 2013 also supports 3D printing capabilities, helping you quickly create physical 3D prototypes of your designs.
5. **Customize More Easily**—Autodesk offers AutoCAD Apps on Autodesk Exchange that help meet your needs. You can now also share and access your AutoCAD customization preferences, which move with you automatically from one machine to the next. Easily migrate your custom settings or reset AutoCAD software to the default install settings.