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AutoCAD initially used raster graphics, which required images to be stored as separate files in a file format called raster image format (RIF). Today, most CAD programs use vector graphics, which require that each graphic be stored as an object in a drawing file format called vector graphics format (VGF). Both AutoCAD and the competitor Autodesk Inventor are natively vector graphics editors, meaning that they both can create and edit vector graphics by modifying their own software rather than depending on an external vector graphics editing program. AutoCAD vs Inventor When Inventor was first released, it could import and export a limited set of 2D vector graphics formats. Today, Inventor is a vector graphics application that supports all major vector graphics formats, including those developed by Autodesk. Why AutoCAD? AutoCAD is a CAD program, and has been for almost 30 years. Autodesk have produced their own versions of AutoCAD before, including AutoCAD Drafting Edition (ADE) and AutoCAD Mechanical Edition (ACME), but they've always been much better known for their AutoCAD product. Why Inventor? Inventor is a competing product to AutoCAD. Inventor has both Autodesk's Navisworks and Rhino technologies for the 3D. Inventor has close to 10 times the feature set of Autodesk's Revit Architectural Software (RAS) for Architectural Design and Engineering. Inventor is much cheaper than AutoCAD; the subscription fee for Revit is \$495/month and the Autodesk subscription fee for AutoCAD is \$495/month. AutoCAD is also more cost-effective for longer more complex projects. What are the features of AutoCAD? Since AutoCAD was released in 1982, it has become the leader in the 2D CAD arena. The program offers a wide array of features for creating 2D CAD drawings, and it has been updated several times since then. The features below are the most common functions of AutoCAD, but they are not the only functions of AutoCAD. The program is often referred to as an 'all-in-one' CAD program because it offers many functions that would be useful in the design process of most construction projects. 2D drawing creation and editing

AutoCAD Crack +

Capabilities The user interface of AutoCAD includes several modern and innovative features, such as: An annotation feature that lets users write comments on a drawing (there are three views for annotation: Top, side, and floor) The ability to open documents or drawings from email attachments (this feature is known as the eDiscovery feature). For example, this can be used to open the drawing on a plane that is represented by a vendor, or to open a drawing containing a 3D model from a partner, or from a customer that has hired the CAD software company to create a drawing. A Geometric Modeler feature, which allows users to construct geometrically accurate models for the purpose of geometric design, analysis and manufacturing. For example, this can be used to create a 3D printed object, including a 3D model used for printing, and the corresponding CAD drawings. History The first release of AutoCAD was in 1985, originally called AutoCAD Electronic Design System (ADES). The name AutoCAD was adopted for the full product from the 1989 release. AutoCAD was originally released for the Apple Macintosh and Microsoft Windows operating systems. In the late 1980s, AutoCAD was used by most of the U.S. architecture firms. The release of AutoCAD 2000 in 1994 was the first to support Windows 3.0, a new file format called DXF (for Drawing Exchange Format), and fully integrate 2D and 3D work. The main features of AutoCAD 2000 were: A two-dimensional editing feature Three-dimensional modeling 3D parameter control 3D drawing enhancements View operations AutoText Camera calibration DGN or 2D/3D standard file AutoCAD 2003 was released in October 2002 and is AutoCAD's most recent release. It includes the following features: 3D solid modeling 3D solid editing 2D architectural drawing enhancements A new 2D/3D standard file 2D/3D native file format 2D/3D components The following release was AutoCAD 2010, released on May 27, 2009. New

multiuser version of AutoCAD 2D/3D drawing enhancements Scaling Measure and miter Advanced tools for boundary and surface creation The following release was AutoCAD 2011, released on September 25, 2010. New eDiscovery feature Multiuser View feature a1d647c40b

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What's New in the?

Improve feedback speed and efficiency by incorporating digital ink annotations directly into your designs. A new Markup Assistant helps guide the process, automatically selecting the type of annotation and generating the markup automatically. (video: 1:20 min.) Save time while reviewing and merging other annotated drawings by reviewing the markup with a new AutoCAD 2D Reviewer. It highlights the annotations of a linked or linked-to drawing and automatically converts the markup into editable commands. (video: 1:33 min.) Enhance 3D modeling and drawing experiences by creating and editing complex families of model space surfaces. The XYZ Point Editor now supports arrays of surfaces, and an improved cloud-based workspace helps make complex surfaces easier to use. (video: 1:05 min.) Create and edit polylines and spline surface families in any plane of your drawing. Create, delete and edit spline surfaces on drawings that have more than one layer and on sheets that include multiple documents. Support for Open Drawings now enables you to use AutoCAD to edit models created with other applications and drawing tools. (video: 1:45 min.) Better support in Visio: Apply and return formatting on your drawing views in Visio, using the new Markup Assistant. Select the text you want to format and the ribbon provides an option to apply formatting (video: 1:05 min.) Use Shading and lighting on diagrams and models with the new XYZ Point Editor. Create, delete, and manipulate splines, curves, and surface families (video: 1:07 min.) Save time when sharing and commenting on Visio diagrams by creating and editing comments that are in the XML format. Comments are shared easily and can be quickly edited to provide feedback. (video: 1:25 min.) Use the new annotation tool on Microsoft Surface devices to draw or annotate drawings on the device screen. (video: 1:10 min.) Linked drawings are easier to open, edit, and collaborate on in Visio, and annotations can be shared by simply copying and pasting. (video: 1:05 min.) Improve Windows 10 and web access and application experiences: Save time on signup and start projects by automatically sharing a secure link to access a project page and sharing progress on a shared link. Signup is a single, secure click. (video: 1:10 min.)

System Requirements:

OS: Windows XP/Vista/7/8 (64-bit) Processor: Intel Core 2 Duo (2 GHz) Memory: 1 GB Graphics: OpenGL 2.0 compatible DirectX: Version 9.0 Hard Drive Space: 300 MB Cursors: 4 How to Play: Mouse & Keyboard: Move: Use arrow keys (W, S, A, D) to move. Click: Select a tile using LMB (use Shift/Ctrl to select

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