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The first AutoCAD version, 1.0, released in November 1982, included a draft-only feature (the plotter), and a 3D feature (the 3D plotter). Subsequent versions included features such as layers, database integration, advanced 3D tools, and the Page Setup dialog box. AutoCAD received the title of "Autodesk's National Product of the Year" in its first year. AutoCAD is used in a variety of industries. Government agencies use AutoCAD to design and build new facilities. In the commercial realm, AutoCAD is used to draw floor plans for new homes and business offices, to create architectural drawings for new and remodeled buildings, to design bridges, to create interior and exterior visualizations for website construction, and to create and edit design documentation for new products. AutoCAD is also used by mechanical, electrical, and plumbing engineers for tasks such as designing electrical fixtures, water fixtures, and plumbing fixtures. AutoCAD is used by architects to plan and draft large-scale projects and for creating site plans, and to create construction documentation. In AutoCAD, the user creates a model (geometry) by using drawing commands. The user draws lines, curves, and surfaces and then fills in the drawing with colors and shading. The user can use templates (previously created drawing components) to speed up the drawing process. Contents 1 Description 2 History and Use 2.1 History 2.2 AutoCAD - The Desktop App 3 3.1 AutoCAD Drafting Features 3.2 AutoCAD Plotting Features 3.3 AutoCAD 3D Features 4 Drawing Features 5 Data Management Features 6 System Features 7 Data Formatting 7.1 AutoCAD Drawing Data 8 8.1 Plotting with the Plotter 8.2 The 3D Plotter 9 Performance and Troubleshooting 10 AutoCAD Mobile App 11 AutoCAD Web App 12 Appendix 1.1 AutoCAD 2018 - What's New in New for AutoCAD 2017-2018 12.1 AutoCAD New Features 12.2 AutoCAD Improvements 12.3 Appendix 1.2 AutoCAD 2018 - What's New in New for AutoCAD 2017-2018 13 Appendix 1.3 AutoCAD 2018 - What's New in New for AutoCAD 2017-2018 14 Appendix 1.4 AutoCAD 2018 - What's New in New for AutoCAD 2017-2018 15 Appendix 1

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Technology In CAD systems, a design of a product is represented by a two-dimensional (2D) drawing of its planar (2D) or 3D geometry. A 2D drawing is composed of geometric features that define the shape of the object, including text and line features, such as dimensions and text, points and polyline segments, and arcs and splines. A 3D drawing is composed of geometry that defines the shape of the object, including text and line features, such as dimensions, profiles, profiles on surfaces, and supports, and arcs, circles and splines. In some CAD systems, a 3D drawing is composed of solid geometric features, such as volumes, and voids, and arcs, circles and splines. The geometric features of a drawing include objects such as geometric shapes, named entities, dimensions, profiles and annotation. A CAD system interprets the geometric features of the drawing and assembles them into a model that describes the product. The geometry that defines the shape of the product is stored in a 3D modeling application, such as Rhino or Inventor, or in the software of a CAD system. CAD systems typically include tools for viewing and editing drawings, and for converting a 2D drawing into a 3D model. In a 2D drawing, a geometric feature (such as a line or arc) is represented by a two-dimensional (2D) graphic (also called a "shape") and a drawing attribute (also called a "property") that defines its appearance. To render the geometric feature, the 2D graphic and the drawing attribute are processed by the CAD system. The 2D graphic may be represented in the form of a bitmap image or vector graphics (such as the Adobe Illustrator or Adobe InDesign format). In 2D drawings, the attributes of 2D graphics are 2D properties, such as line color, color, linetype, lineweight, dash pattern, capstyle, jointstyle, and mirroring. In 3D drawings, the attributes of 3D graphic primitives, such as surfaces, solids, and voids, are 2D properties that define its appearance. In addition, 3D drawing attributes may define properties such as color, reflectivity and transparency. CAD systems may use a library of predefined graphical symbols for representing geometric features, dimensions, and annotation. These symbols may be used as the basis for building custom geometric features. In CAD systems, an outline is a 2D representation of 5b5f913d15

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Saving the drawing Next, you will save your drawing. Click File then Save. Enter the name of your drawing and the location you will be saving it. For this drawing, you will be saving it in the My Projects folder on your computer. Click Save.

What's New in the?

Lightweight, portable fonts: Create laser print-quality designs that can be viewed on any screen, projector, or TV. With this release, when you're in AutoCAD, you can also use lightweight fonts that are designed for use with screen and projector displays. This approach increases flexibility because the drawing does not require a special font installed on the system, but the font itself is not available in AutoCAD. It's just a feature of the font. And finally, the font used to display the laser print-quality designs (so-called "formats") has been updated. Users can choose a different format, such as one designed specifically for the Laser Jet printer. 5 Dimensional Modeling: You can create 3D models in AutoCAD using an innovative drawing process. The Autodesk® Cloud services provide high-speed storage of your files. With this release, you can publish your files directly to the Autodesk Cloud to save storage space on your computer. Sophisticated layered geometry tools: Use advanced strategies to quickly create strong, clean, and optimized drawings. With this release, you can have one "master" polyline and a number of shared or independent lines. These can be "disassembled" into points and polygons so you can refine geometry with different tools. Generate versatile extrusions and edits: Create bends and other feature-rich geometry in a streamlined way. With this release, you can easily extract/cut areas and generate many different types of extrusions and edits. Ability to work with large models: Work on large projects that include hundreds of drawings. With this release, you can work on large 3D models with multiple views and multi-level entities, with the help of a cloud-based editing environment. Search and replace of data: Easily find, replace, edit, and copy/paste data. With this release, you can search through drawing files, and see the results of the search in the original drawing or in a drawing that is "reduced" to a file size smaller than the original. For example, you can find the position of a particular point, add a new point, or edit the position of an existing point. Animate elements with snap-to and path-extract options: Click and drag to move objects, edit

System Requirements:

Supported OS: Windows Vista Windows XP Windows 2000 CPU: 1.6 GHz Pentium, 2.4 GHz Core 2 Duo or later RAM: 512 MB HDD: 100 MB Dongle: Dongle compatible with CE, US, JP, KR, and TW Dongle (for the US version) Latest Dongle (for the US version) Currently we have two dongle for the US version: US Dongle (For CE version)

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