AutoCAD Crack Free



History AutoCAD was first released in December 1982 by the AutoDesk Corporation. Before AutoCAD was released, most commercial CAD programs ran on mainframe computers or minicomputers, with each CAD operator working at a separate graphics terminal. AutoCAD was designed to be easy to learn and use. During the first few months after AutoCAD's initial release, many users that owned and were

familiar with drafting programs that used pen tablets, such as the HP33 series of drafting programs, found AutoCAD to be far easier to use than the products they had been using. In particular, the flexibility and ease of AutoCAD's 2D drawing and its draftable component parts, the block and component objects, made it much easier than the HP33 programs to create 2D drawings and edits. Ad The availability of 2D drawing tools, coupled with the ease of creating 2D drawings from blocks

and components, meant that AutoCAD could quickly become one of the most popular desktop CAD programs, displacing the HP33 and similar programs that were more expensive and less userfriendly than AutoCAD. AutoCAD's success in the commercial market led to the creation of related products in other CAD and drafting programs, such as the Inventor product by PTC, which featured a drafting component that could be imported and used by AutoCAD, Inventor,

and other drafting programs, and the parametric modeling product by PTC, which featured a toolset that could be used to create parametric surfaces and curves. These products made Autodesk the dominant CAD software provider for desktop CAD programs on personal computers. AutoCAD's graphical user interface (GUI) was designed for quick, one-step drafting, while retaining the ability to create complex drawings and edits. The majority of the work in the earliest versions of AutoCAD

was done using two-dimensional (2D) editing tools, which allowed users to draw, edit, and create shapes that formed components of a drawing. As the capabilities of 2D drawing tools increased, threedimensional (3D) editing tools were added to the program. These tools allowed users to create more accurate models and shapes, either by creating and editing a 3D model in the program or by directly editing a 3D model created outside of AutoCAD. AutoCAD has also incorporated parametric modeling

tools since the late 1990s. These tools allow users to create threedimensional models of objects by

AutoCAD Crack + Free

Gantt AutoCAD 2018 introduced Gantt charts, which are modeled after the time-management charts used by Project Management software like Microsoft Project and Microsoft Project Server. This functionality is accessible from the "Analysis", "Components" and "Graphical Design" menus, as well

as the "Tools" menu. C++/C#programming In the early days, AutoCAD was written in Assembly Language, and therefore source code for a macro could be as large as the source code for the drawing itself. This created a limit for the size of macros. An alternative to writing macros in assembly language was to write macros using C++ or C#. While this still required source code to be included in the drawing file, the macro could be quite small. The C++ language in particular has some

advantages over macros written in Assembly Language because it is object-oriented and can be used to create new macros. One disadvantage of writing macros in C++ or C# was that the macro code required for any significant change would need to be recompiled and then re-tested for any changes to the macro. This was a big overhead for a macro that was not meant to be updated. To address this issue, AutoCAD introduced a feature called Dynamic Linking that allows some of the macro code to be

helped to make macro development much faster and easier. To support advanced features in macro programming, AutoCAD added the AutoLISP language. In the year 2000, AutoCAD introduced the AutoLISP/VBA programming language. This language allows macro code to be written in

written in C++ and some in VB or

this feature, macro code could be

written in C++ or C# but changed

without needing to recompile. This

C#, depending on the context. With

multiple languages, including C++, VB, and VBA. The

AutoLISP/VBA language adds even more functionality to macros than the older language. It provides dynamic code capability and allows macros to have user interface (UI) code. This UI code is used to provide controls and display windows on which a macro is used. The latest version of AutoCAD, AutoCAD LT, introduced a new programming language called ObjectARX, which builds on the current capabilities of the

AutoLISP/VBA language. ObjectARX makes it easier to integrate VBA functionality with AutoLISP code by allowing VBA code 5b5f913d15

Go to its component of "Registration" and get the registration key. See the key on the folder "AppData\Local\Autodesk\ AutoCAD 2015\Registration". Go to the key and install Autocad using the key. 3.2 How to login to Autodesk® AutoCAD® Here is a step by step on how to login to Autodesk® AutoCAD® 2015 using the registration key and password you have created. **On Windows 8 and Windows 7, enter

these commands on the Windows command line:** **For Windows 8:** **For Windows 7:** 1. To create the registration key: 2. Open an Autodesk® AutoCAD® file, for example, C:\Program Files (x86)\Autodesk\AutoCAD 2015\Registration\Default. 3. Edit the file called Default.reg 4. Find the line that starts with "WindowsApplication7", and replace that line with this line: "c:\autocad.exe /registration=true" 5. Save the file and exit. 6. Execute it with the "double click". 7. On the

first launch of Autodesk® AutoCAD® 2015, a window should open asking you to register your license. You can choose to register, cancel or ignore the window. 8. Now, you should login to Autodesk® AutoCAD® 2015 using the registration key. 9. You should see a "Welcome to Autodesk® AutoCAD®" banner. Click on "Create a new project". 10. You should see the windows of your choice, depending on the type of file you want to load in Autodesk® AutoCAD® 2015. 11.

Once you have finished selecting the windows you want to create, click on "Create". 12. Once finished, a new project will open in Autodesk® AutoCAD® 2015. 1. To delete the registration key: 2. Open an Autodesk® AutoCAD® file, for example, C:\Program Files (x86)\Autodesk\AutoCAD 2015\Registration\Default. 3. Go to the line that begins with "Windows

What's New In?

Color Tools: Recognize and print

color using the tool's active colorencoding system and follow the color-coding rules. Automatic colorcoding can be configured for many different color schemes and file types. Color Managed Drawing: Make color more consistent and understandable by managing the active color encoding in the drawing's metadata. Separate color encoding from the drawing properties and manage color in the drawing properties, without directly affecting the active color code. Enhanced Accessibility:

Focus on essentials, and get more work done with a wide array of enhanced keyboard and mouse features: Improved mouse support: More accurate and precise with a new optical mouse sensor. Autoclicking enables you to click and double-click to select blocks and draw lines. Can still use the standard mouse in AutoCAD. Resize and zoom in with your fingertips: Drag or tap the width and height of an object's bounding box and the object expands or contracts to the size of the box.

Then click to create a new object. Supports multiple Windows: Use and navigate from different Windows in the same drawing, on the same computer, at the same time. Switch easily between the Windows, with a new Sidebar that provides a comprehensive view of the Windows, showing the drawing and all open tabs. Multi-tasking: Switch from one tool to another while a tool is active. Your tool session is now a single tool session. You can switch tools at any time and any place. All your tools are

always active. Drag and Drop: Drag an object from a drawing file and drop it directly onto the drawing canvas. Tap to snap: An easy-to-use tap-to-snap option allows you to tap in an area of the drawing canvas to automatically snap to the closest point. Tap again, and AutoCAD is off. Layouts: With Layouts, you can change the order of layouts on your drawing for convenient access and re-order it in a snap. New and enhanced mouse features:

Redesigned mouse pointer: With a new eye-popping and enhanced

pointer, you can rest your finger on the new pointer button for a variety of new pointer actions, such as the "Move Forward" or "Reload" actions. New Double-click Minimum: OS: Microsoft® Windows[®] 7 (64-bit), Vista (64-bit), Windows 8.1 (64-bit) or Windows 10 (64-bit) Processor: Intel[®] CoreTM 2 Duo (recommended), Intel[®] CoreTM i3, Intel[®] CoreTM i5, Intel[®] CoreTM i7, AMD Phenom II X4 965, AMD Athlon II X4 845, AMD Phenom II X6 1090T, or AMD FX-6300 Memory: 2 GB RAM

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