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## Best autocad viewer for android

3D Insider is a certified ad and earns money from clicks and other ways. In the field of 3D formulation and design, a few well-known names such as AutoCAD. First launched by Autodesk in the 1980s, AutoCAD is considered a standard software platform for drafting for decades. Even today, there are still a lot of AutoCAD users that the standard AutoCAD output file — DWG — can be found everywhere. However, not all people have a budget to buy an AutoCAD software platform, which costs more than \$1,000. For users, who just want to view DWG files, a free DWG viewer program can be very useful. If you are one of these people, then read as we look at the best alternative DWG viewers. Best of all, they're all free! What are DWG files? DWG (from the drawing) is the original file format for the 2D and 3D drawing created in AutoCAD, as well as in other CAD packages such as BricsCAD and IntelliCAD. It is a dual-property file format. Since it contains vector image data, the graphics can be scaled into each DWG file while still maintaining the resolution. All DWG files contain metadata that describes the contents of the file. The exchange file format is DXF, an ASCII version of the contents of the DWG file. Top 8 Best Viewers DWG Free1. AutoDesk DWG TrueView (with design review) DWG TrueView is the official free DWG viewer program from Autodesk that can be downloaded from its website. Apart from being able to display DWG graphics, DWG Was TrueView to convert DWG and DXF files into DWF 3D for quick characterization and deployment. Since the program is built on the same autocad architecture, you are sure of drawing sincerity and integrity, even when switching from one form to another. This is very useful if you need to cooperate with other users who use different versions of AutoCAD. DWG TrueView is even better with a design review, a free addition also developed by Autodesk. Design Review allows you to make measurements of length, space and angle on the design, as well as add comments and comments. Again, these are great tools for cooperation. With the add-on feature, you can pretty much do whatever you want with your short DWG file of it.2 edit. LibreCADLibreCAD is an open source platform for viewing, editing and converting DWG files. Being an open source program, it is completely free with the inclusion of all functions. However, the biggest limitation is that it can only display 2D views, which helps to keep the size of the program very small. Isometric views can also be displayed but lack any kind of 3D navigation. Apart from the lack of 3D display, you can do almost anything with LibreCAD. You can add basic lines and polygons, take measurements, and export files to other formats. It is also very easy to learn, easy-to-use interface, features that are unusual in open source software platforms. The main limitation of the open source nature of LibreCAD is that some of its versions can be unstable. Before updating to Version, you need to read on update notes and notes from other users to make sure that you update to a functional structure. As a free software platform, LibreCAD is definitely getting the job done - just don't expect anything fancy.3 FreeCADFreeCAD is definitely one of the most feature-rich free DWG viewers out there. By calling it a DWG viewer may be an abuse to FreeCAD, where it can be considered a complete 3D engineering program. Best of all, FreeCAD is open source, so everything is completely free. With FreeCAD, you don't have to start with an existing DWG file and simply make adjustments. You can use FreeCAD to arrive at the very own 2D graphics and model them in 3D space. The program has a steeper learning curve compared to LibreCAD, but it is not too overwhelming to be inaccessible. However, we will not classify FreeCAD as a beginner friendly. As another open source software, FreeCAD can be prone to errors, especially when new structures are released. Although it is one of the most feature-rich free CAD software platforms, it does not compare with the full range of AutoCAD functions, but this is probably an unfair comparison.4 ShareCADIn instead of the software that needs to be installed, ShareCAD provides an online platform based on the browser to display CAD graphics. It supports Proprietary DWG, DWF, DXF file formats as well as a host of other formats for 3D graphics, point imagery, vector, and even archives. The service does not require any downloads or registration, but the file you need to view must be uploaded to its server. The file size is also limited to 50 MB only. ShareCAD features are very limited but sufficient for a quick scan of 3D graphics. You can view individual layers, zoom in on features, or change the background color to make it easier to see. You can also print graphics. If you want to share your drawings with other contacts, ShareCAD can create a link that you can share.5 Autodesk A360A360, an official Autodesk version, is quite different from other entries in the list. Instead of desktop software, the A360 is a mobile app compatible with both Android and iOS. It can view both DWF and DWG files, as well as 50 other CAD file formats. With the ability to make annotations, take measurements, and navigate the plug-in, the A360 is surprisingly powerful for the mobile application. The intention of the A360 is to allow engineers and project managers to view CAD files anywhere in the world using mobile devices only. This is a great tool for collaboration and can be very useful during the implementation of the project. Of course, the quality of the experience when viewing project files varies based on the specifications of the mobile device being used. If your smartphone or tablet has a low GPU specification, just opening a DWG file can be very slow. The A360 mobile platform does not allow for editing of files. Although this seems Surprisingly, there are already mobile platforms being developed that have functions that the A360 does not offer. Autodesk sounds like they have a bit of catching up to do, but the A360 is a fully serviced mobile app for now.6. OnShapeOnShape is a fully cloud-based 3D CAD program designed specifically for collaborative work. Since everything is cloud-based, there is nothing to install and you can access the platform from any workstation - even on your phone or tablet. It has a friendly learning curve, and anyone with any experience with a standard CAD program can get a hang from it quickly. OnShape is capable of almost anything you can want from a CAD program. You can create and edit models, take measurements, extract design details, and export to a variety of file formats. Where OnShape really shines in its collaborative platform. OnShape allows multiple users simultaneously one master file. Everyone shares the same workspace and works with the same data set, eliminating the need to track different versions of the same file. The disadvantage is that OnShape is not really free - they now charge a fee for an annual subscription, and the price depends on the package you want. However, they still offer a free trial. This is something you can take advantage of, although you can only use it for a limited time.7 Autodesk Fusion360Exciting Free DWG viewer from Autodesk, Fusio360 is an all-in-one platform designed for industrial designers, mechanical engineers, students and teachers. It is a very simple program with basic functions, making it an excellent choice for coming up with fast 3D models, simulations, and analysis. Everything is cloud-based, so the platform is fast even without advanced devices. Fusion360 is ideal for simple design tasks with assembly design and parametric design features. If you are going for complex models, then you will probably have to look elsewhere. However, there is no reason why Fusion360 is able to develop more complex functionality in future releases. Models made in Fusion360 can be exported as STL files, which are one of the default file formats used by 3D printers. This makes Fusion360 one design program particularly suitable for fast ready-made designs. Moreover, the program is very easy to learn even for relative beginners. The downside of Fusion360 is that it is only free to experience for 30 days. After the trial period, you'll have to fork out about \$60 per month to subscribe. We still recommend trying out - you may want it so much that you end up paying the full price.8 IrfanViewIrfanView is described as a free, fast and compact graphical viewer. It can only open up for any graphic or design file shape. Although it is more popular as multi-range image scenes, it is also able to open CAD files in DWG or DWF formats. You'll need to install plug-in BabaCAD4Image, but don't worry - plug-ins are also free. granted, there's not much you can do with IrfanView aside from Your models, adjust its brightness, adjust its color, and a host of other cosmetic changes. After all, it's not a dedicated CAD software. IrfanView is still a nice program that you can keep installed in your system. It hardly takes any disk space and can be useful when faced with a difficult image file format. Final 3D ideas and 2D models made of autoCAD have been standard file formats in the areas of drafting, engineering, and industrial design over the past few decades. Frankly, we can't imagine a future where DWG files are not the standard way people share and collaborate on 3D designs. This can be a challenge for professionals and small businesses that can't afford a complete AutoCAD platform. Our free DWG viewers listed here provide a partial solution to this problem. None of them are quite close to the original AutoCAD function, but they are, at least, good enough to view DWG files. Some offer limited measurement and editing features. More importantly, they are free. If you work in any field that requires sharing and viewing DWG files, it would be advisable to install one or two of these files in your workstation. Station.

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