



AViCAD 2022 is a 2D/3D DWG/DXF-native CAD platform offering seamless compatibility with AutoCAD® DWG versions 2.5 – 2023. It is the perfect CAD alternative for any budget.

AViCAD offers the intuitive Classic/Ribbon Interface with familiar commands. You can also choose between perpetual and subscription

Overview:

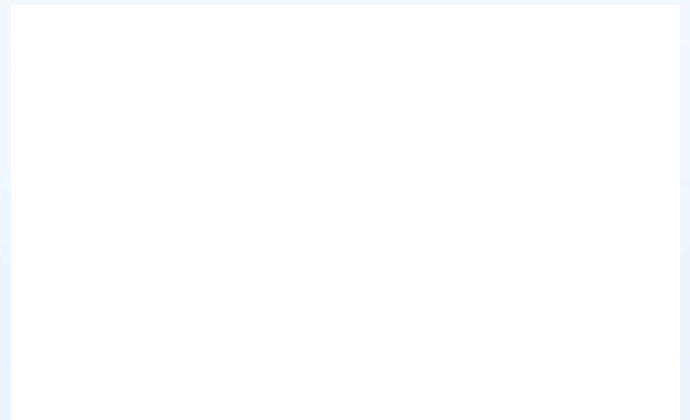
- Windows 64 bit ready
- Easy replacement for AutoCAD®
- Saves to DWG just like AutoCAD®
- Includes Full Suite of Mech-Q
- Draws in 2D, Isometric & 3D
- Creates Bill Of Materials (BOM)
- Tool Palettes and block libraries
- Choose between Standard and Plus versions

Full Suite of 2D/3D Engineering Tools built in (Mech-Q)

- Piping
- Structural
- Ducting
- Mechanical



Plus all the CAD functionality you will need right inside of AViCAD. Free 30 day trial download is available.

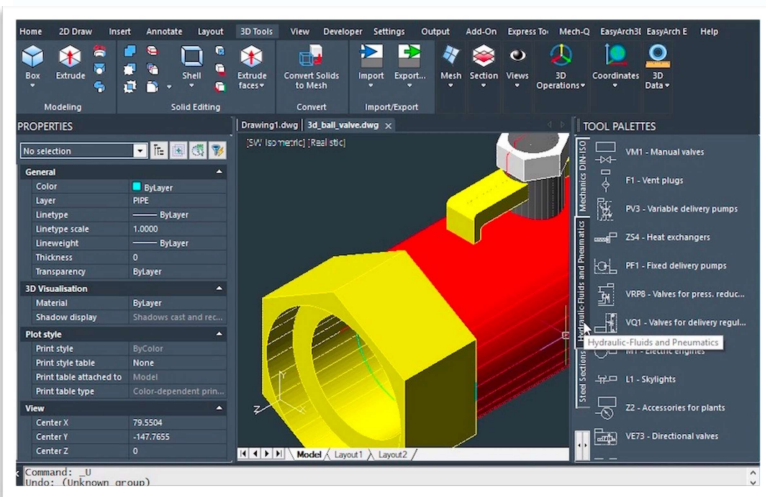


True 64 Bit Technology

AViCAD maximizes use of your processor and memory

Ribbon Toolbar

Switch between the Classic and Ribbon-based menus. AViCAD can also be customized with the CUI editor.



Tool Palettes

Ready-to-use Tool Palettes for utilities and blocks or create your own custom palette.

Express Tools

Including Texts Align, Automated Dimensions, Reorganize Dimensions.

PointCloud Import

Support of PointCloud with ReCAP files (.rcp/.rcs). Import and display of PCG, ISD, XYZ, PLY and LAS files.

Table Styles

Create tables in your drawing with cells, rows, or columns. Tables now perform calculations with ease.

PDF, DGN, DWF, DGN, LIB, RDL and CEL Underlays

These file formats can be attached as an underlay to serve as a background. Object snapping to the underlay and clip support.

3D PDF Export *

Share 3D data in the standard PDF format and create brochures, presentations, technical sheets and manuals in 3D. Requires Adobe® Reader®

iCADLib, Block Libraries Management *

Blocks manager for existing libraries of symbols and blocks as well as to organize all user's blocks. Contains over 22,000 ready-made blocks in various industry sectors.

EasyArch 3D, plugin for architects *

Offers 2D/3D walls, windows, doors, stairs, roofs and more.

OTrack® (Etrack)

Tracks along alignment paths that are based on object snap points.

Publish command

Batch Plot or export to PDF/DWF

Solidworks import/ export*

STEP, IGES Import, sldprt part files and .sldasm assembly files

DWG Export

PDF, DWF, DAE, LWO, POV, BMP, WMF, EMF, SVG, SHP, 3DS, SAT and STL. (3D printing) supported

PDF to DWG Converter *

Convert your vector PDF file to a DWG file type

Traceparts and Cadenas for AViCAD

iCADLib integrates Traceparts and Cadenas web portals for easy-guided usage of over 100 million of blocks.

Dimension Style Manager

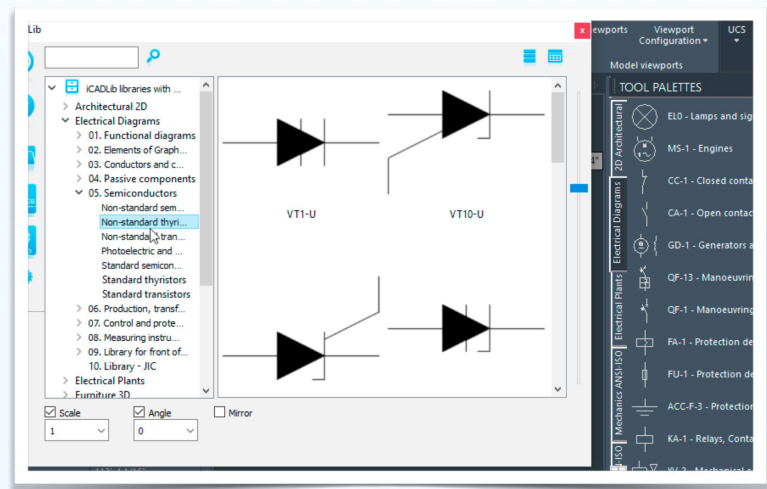
Creates new styles, sets the current style, modifies styles, sets overrides on the current style and compares styles.

Print to DWF/DWFX files

Export drawings to the standard DWF and DWFX formats using PC3 printers.

Reads Dynamic Blocks with improved grips

Grips to modify dynamic blocks, extended editing options.



Flatshot command

Generates an accurate flat view of a 3D model.

Annotative Objects

Automates the sizing of annotations such as text, hatch and dimensions in multiple viewports with varying scales displayed at the correct size.

Advanced Polyline Grips

Stretch, add vertex and convert the segment into arc.

Dynamic Input

Type commands at your cursor, allows for faster input

Compatible with Windows 11 and earlier

Full compatibility with Windows Vista, Windows 7, Windows 8, Windows 8.1, 10 and 11 operating systems.

* Denotes available in the Plus version