Complete CAD Software at a price you can afford.
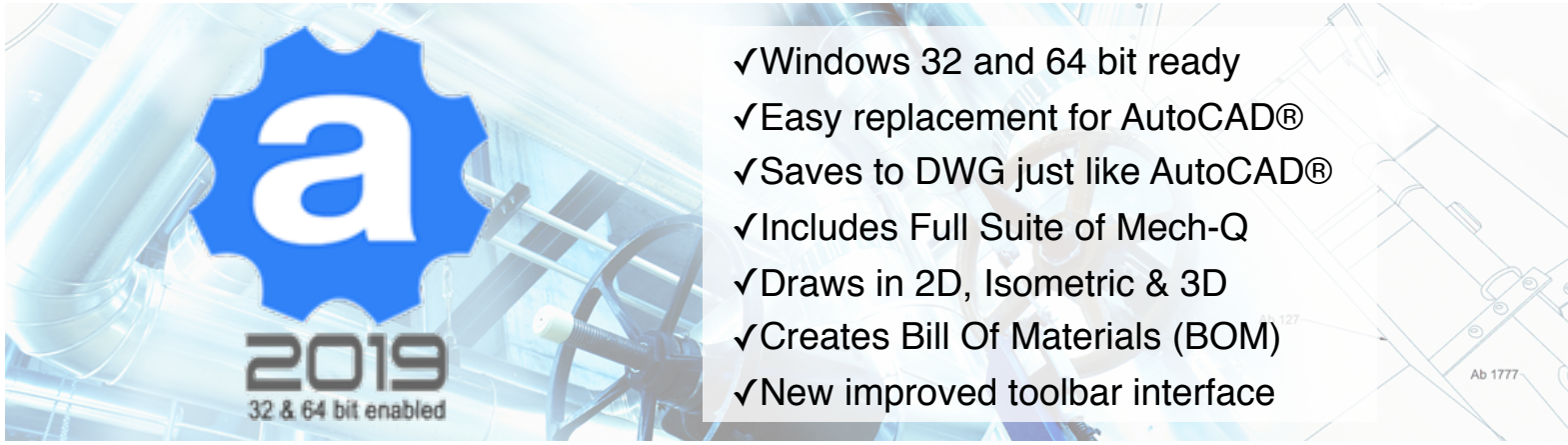
✓ Windows 32 and 64 bit ready
✓ Easy replacement for AutoCAD®
✓ Saves to DWG just like AutoCAD®
✓ Includes Full Suite of Mech-Q
✓ Draws in 2D, Isometric & 3D
✓ Creates Bill Of Materials (BOM)
✓ New improved toolbar interface

2019
32 & 64 bit enabled

With AViCAD 2019 you'll have a stable, fully functioning, easy to use, CAD Engineering Software Package, complete with everything you will need at ***one incredibly low price.*** Lifetime & Subscription plans are available.

▶ Requirements:

Intel Pentium®4 or more powerful processor (recommended)

Supports Microsoft Windows® XP SP2+, Vista, Windows® 7, 8 & 10 / 32 & 64-bit

2GB RAM (minimum), 4 GB (recommended for complex drawings)

Minimum 2 GB of free hard disk space

▶ Contact Us:

W: avicad.com
P: 888-271-7121
E: sales@avicad.com

64 bit | **Windows 10 Compatible** | **DWG**

AViCAD is a comprehensive CAD Software and Engineering package at 1/8 the price of AutoCAD®.

The bundle consists of 2D & 3D CAD software (which creates DWG files) plus Mech-Q, a set of engineering tools which contains Mechanical, Piping, HVAC and Structural design.

AViCAD not only provides you the best CAD Engineering Solution but it also offers you the best AutoCAD®. alternative.

Our software always saves your drawing to the standard AutoCAD® 2018 DWG format. This ensures unrivaled compatibility with AutoCAD® without any file conversion or drawing information loss. AViCAD reads and writes to all DWG format from v. 2.5 to 2018.

★ Mech-Q Included For Free
Full Suite of Engineering Tools:
✓ Mechanical
✓ Piping
✓ HVAC / Ducting
✓ Structural

AEC Tools Included For Free
Plugin for Architectural Design:
Create and edit wall and roofs
Insert Doors & Windows
Also includes stair building tool.

Native 64-bit - Multicore support
1.5 – 3 times faster than before.
Supports even the largest DWG files.

AutoCAD® like interface
Enjoy AutoCAD® like interface for editing entities (Color, Layer, Text height, Line Weights, Line Type, Geometry ...)

PDF DWF and JPG printing
AViCAD 2019 Professional automatically adds virtual printers to make PDF DWF and JPG prints

AViCAD Express Tools
Extra drafting tools included to improve your productivity

AViCAD 2019 is powered by the most recent IntelliCAD engine - call 888-271-7121 or email sales@avicad.com

▶ More AViCAD Features:

True 64 Bit Technology
AViCAD maximizes use of your processor and memory

Ribbon Toolbar
AViCAD 2019 offers the new Windows Ribbon-style UE customizable through CUI files along with the Classic menu. The User may switch between the Classic and Ribbon-based menus.

PointCloud Import
Import and display of PCG or ISD data files from 3D laser scanners. Speed up the design process by converting scanned data of physical products into 3D CAD geometry.
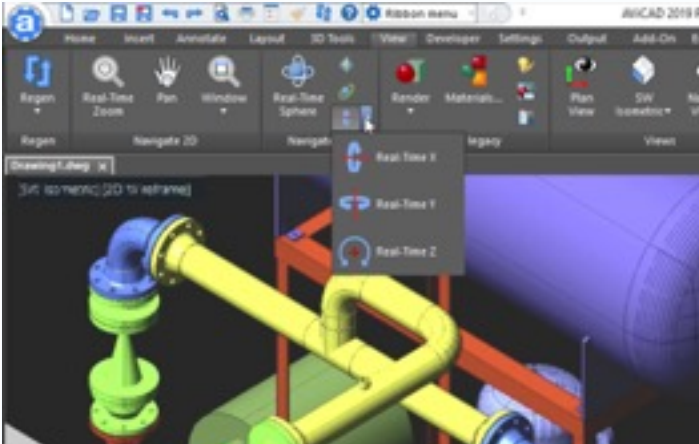

Table Styles
Creation and easy formatting of Tables in the drawing based on Tables styles. Individual cells,rows,or columns formatting overrides the formatting coming from the table style.

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.

iCADLib, Block Libraries Management
The module for blocks management to handle existing libraries of symbols and blocks as well as to organize all User's blocks. Contains over 22.000 ready-made blocks for various industry sectors.

EasyArch 3D, plugin for architects
The parametric architectural plugin to increase productivity in house and interior design offers 2D/3D walls, windows, doors, stairs, roofs as well as a library of dynamic blocks for interior furnishings.

OTrack ® (Etrack)
Tracks along alignment paths that are based on object snap points. Publish command (Batch Plot) Print (or export to PDF/DWF) selected drawing layouts.

Context MenusSpline editing
Customize your right-click context menu for selected objects.

New In-place Text Editing
Allows text to modified similar to a word processor editor..

DWG Export
Drawings can be exported into the following file formats: PDF, DWF, DAE, LWO, POV, BMP, WMF, EMF, SVG, SHP, 3DS and STL. (3D printing)

DWG Converter
The new tool facilitating the files interchange with other DWG/DXF/DNN CAD software. Allows to easily convert drawings between different DWG,DXF,DGN versions. (Will read and Export Microstation® files)

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.

Easier Viewport editing
Toggle in VPMAX to lock in scaling while editing a Viewport.

Print to DWF/DWFx files
Export drawings to the standard DWF and DWFx formats using PC3 printers.

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

Dynamic Blocks improved grips new
Grips to modify dynamic blocks, extended editing options.

Flatshot command
Generates an accurate flat view of a 3D model.

Helix and Loft commands
Draw 3D helical polylines and create 3D entities between several cross sections.

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.
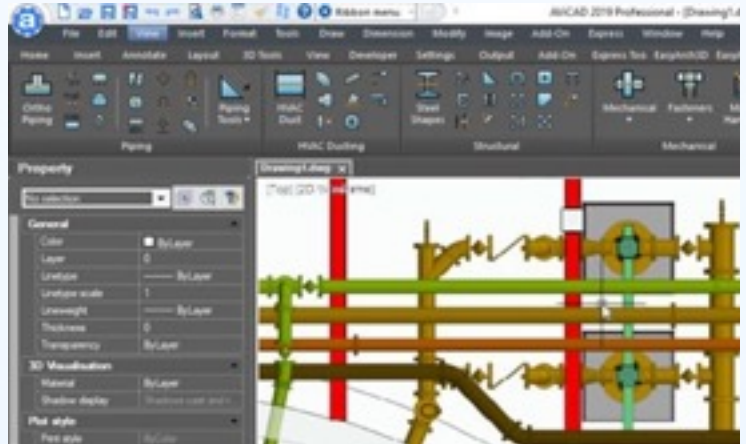
Arc Aligned Text
The ARCTEXT command enables text alignment along an existing arc object. It is handy when adding complex curved text.

Paste Special
Insert Tables by Cut & Paste from Excel, Open Office, Libre Office.

Superhatch
Create hatch patterns from blocks, images and more, Many custom pattens

are also available.
The smart interface for external references management. Fade control for XREF's and locked layers

New Commands
New commands including VPMIN, TEXTFRONT, DIMLAYER, HPLAYER, CACHEFILES and HPTRASPARENCY have been added.

Rendering
Features multiple lights management and materials creation/editing. Reflection, mirror, transparency, smooth shadows, customizable size bitmap output.

Advanced Data Extraction
An easy-to-use wizard for attributes and blocks data export.

Customization
eCAD Professional is customizable through: LISP, SDS (C++), IRX (C++ similar to AutoCAD® ARX®), .NET API, VBA, DIESEL and COM automation.

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