We're talkin' **serious** CAD Engineering Software.

✓ Now **blazing fast** 64 bit ready
✓ Easy replacement for AutoCAD®
✓ Saves to DWG just like AutoCAD®
✓ Includes Full MEP Suite (Mech-Q)
✓ Draws in 2D, Isometric & 3D
✓ Creates Bill Of Materials (BOM)
✓ New improved toolbar interface

With AViCAD 2017 you'll have a stable, fully functioning, easy to use, MEP CAD Software Package, complete with everything you will need at *one incredibly low price.*

▶ Requirements:

Intel Pentium®4 or more powerful processor (recommended)

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

512 MB RAM (minimum), 1 GB (recommended for complex drawings)

Minimum 400 MB of free hard disk space

▶ Contact Us:

W: asvic.com.au
P: (+61) 1300 654 616
E: sales@asvic.com.au

AViCAD offers 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 MEP CAD Solution but it also offers you the best AutoCAD®. alternative.

Our software always saves your drawing to the standard AutoCAD® 2017 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 2017.

★ **Mech-Q MEP Included For Free**
Integrated full Suite of MEP Tools:
✓ Mechanical
✓ Piping
✓ HVAC / Ducting
✓ Structural

AEC Tools Included For Free
Plugin for Architectural Design:
Create and edit wall and roofs
Insert Doors & Windows
Includes stair building tool
Plus inserts parametric blocks

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, Lineweights, Line Type, Geometry ...)

PDF DWF and JPG printing
AViCAD 2017 Professional automatically adds virtual printers to make PDF DWF and JPG prints

AViCAD Express Tools
Extra drafting tools included to improve your productivity

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

AViCAD 2017 is powered by the most recent IntelliCAD engine - Call (+61) 1300 654 616 or email sales@asvic.com.au

▶ More AViCAD Features:

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

Ribbon Toolbar
AViCAD 2017 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 — new
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 — new
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 Underlay
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.

Block Libraries
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.

Spline editing
Allows to delete, add and move spline points as well as to open/close splines and edit tangent start/end points.

Multiline Style
Creation of named styles for multilines to control the number of elements and the properties of each element.

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

DWG Converter new
The new tool facilitating the files interchange with other DWG/DXF/DNG-based CAD software. Allows to easily convert drawings between different DWG,DXF,DGN versions.

Interoperability and compatibility new
Dramatically improved the interoperability of content between applications and compatibility for: DWG file format. Collada (.dae files) export/import. Support for DGN overlays, Civil3D, ADT and mechanical object enablers. Open .dgn files (Microstation® files) by converting them into .dwg files.

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

3D Printing
STL export for 3D printing.

ACIS Solids
ACIS Solids creation and editing.

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

Solprof
2D profile image extraction from ACIS Solids.

Context Menu
The customizable right-click context menu for selected objects.

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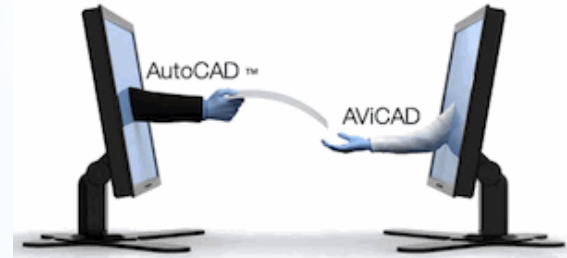Export drawings to the standard DWF and DWFx formats using PC3 printers.

3D Ortho
Z Ortho mode restricts the cursor to the up and down directions.

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.

AEC objects support
Display of Architectural Desktop objects exported in a DWG file.

Google EarthTM Texture Exporting
Projects publication in Google Earth enabling materials.

ECW, Jpeg 2000 and MrSID MG4 raster formats new
The standard wavelet compression formats optimized for aerial and satellite imagery, excellent for topography and land survey.

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

New Advanced Polyline Grips new
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.

RGB and Index Color Value new
All color-related system variables support RGB and Indexed color.

Raster
Display, editing, clip and polygonal clip of raster images.

AViCAD Xref Manager
The smart interface for external references management.

New Commands new
XOPEN, XPLODE, POLYSOLID, POINTCLOUDATTACH, BCOUNT, LAYERWALK, SELECTSIMILAR, ALIGNSPACE, VPSYNC.

AViCAD 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 new
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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