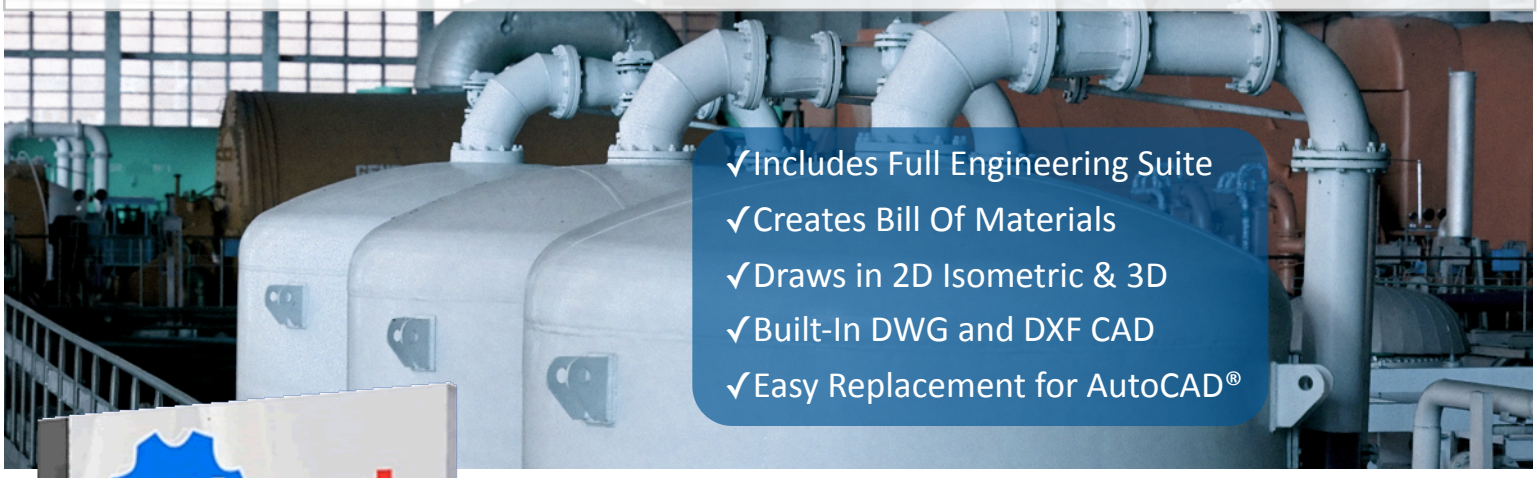
We're talkin' serious CAD Software.



With AViCAD 2011 you'll have a stable, fully functioning, easy to use CAD Software, complete with everything you'll need at ***one incredibly low price.***

AViCAD offers a comprehensive CAD Software and Engineering package at an 1/8 of 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 Engeering CAD Solution but it also offers you the best AutoCAD®. alternative.

Our software *always* saves your drawing to the standard AutoCAD® 2012 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 2012.*

★ 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
- Includes stair building tool
- Plus inserts parametric blocks

Polygonal layout Viewports

Display and create non rectangular Viewports

Gradient Hatch support

Nine fixed patterns for gradient fills to provide a blended-color effect

Properties bar

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

PDF DWF and JPG printing formats

AViCAD 2011 Professional automatically adds virtual printers to make PDF DWF and JPG prints

AViCAD Express Tools

The powerful tools that improve your productivity

(see next page)

Requirements:

Intel Pentium®4 or more powerful processor (recommended)

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

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

Minimum 400 MB of free hard disk space

Contact Us:

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

avicad

AViCAD Features (continued)

Selection Highlight
Objects are highlighted when the cursor rolls over them to provide a preview of the selection

Selection Area Color and Transparency
The window and crossing selection areas are displayed with a different background color and transparency

(Etrack) Otrack
Tracks along alignment paths that are based on object snap points

Polar Tracking
Keeps automatically the line to specified angles

Snap 'From'
The smart tool completing the snap family

Layers interface
The“AutoCAD® like” layers management with Layers Filters support

Layer Manager
Save and Restore Layers configurations

RealTime Pan & Zoom
AViCAD 2011 Professional provides RealTime Pan and Zoom and also AViCAD's exclusive PPan Technology that remarkably improves Pan movements

True color support
Over the limit of 256 colors in DWG

Bitmap/Raster View
AViCAD 2011 Professional supports DWG with images, photo, raster editing/visualization

Bitmap Clipping
Clip and polygonal clip on images

ECW and Jpeg 2000 raster format
The standard wavelet compression format optimized for aerial and satellite imagery

Wipeout entities
Hide part of a drawing to mask underlying objects and add notes

Hidden lines in Dview
Hide lines in perspective views

AViCAD QDIM
Quick dimensioning

Spell Check
Highlight and correct misspellings

Find and Replace
Find and replace text also in block attributes

Extended Hatches
More than 300 new Hatch patterns available

Multiple Layouts
Management of multiple layouts allows creation of all print tables of the same design and offers greater compatibility with AutoCAD®

Layout Advanced Features
Hide on Layout
Shade on Layout
Selection of Model Space with Double-Click
Layout Tabs
Print area visualization

AViCAD Rendering
The advanced rendering module with multiple lights management and materials creation/editing. Reflection, mirror, transparency, smooth shadows, customizable size bitmap output

ACIS solids
Creation and editing of ACIS Solids

Solprof
2D profile image extraction from ACIS solids

Render Export Tool
Export tool for Blender (.lwo), 3D Studio (.3ds), Pov-Ray (.pov)

Lineweight for Display and Printing
Lineweight is supported on Video and Plot

Advanced CTB
Greyscale print and Screening

Advanced printing features with STB and CTB support
New printing features and support for STB/CTB AutoCAD® configuration files

Quick Group
Creates Entities groups with one Click

Recovery Manager
Easy recovery of drawings in the event of crashes

Text editing improvement
One click single line text edit

Raster to Vector conversion
AViCAD 2011 Professional includes the WinTopo raster to vector tool

Aerial View
In a large drawing, you can pan and zoom quickly in a window that can display the whole drawing

DWF Import & Export
AViCAD 2011 Professional reads and writes standard DWF 2D/3D files

Xref Manager
A smart interface for external references management

Advanced Data Extraction
An easy to use wizard for Attributes and Blocks data export

Eattedit
Advanced Attribute editing

AViCAD Wblock Manager
A tool for improved creation of blocks on the disk

AViCAD New Wizard
A new drawing Wizard based on prototypes or predefined values

eTransmit
Compacting and transmitting DWG files by email

ActiveX integration
Allows to cut and paste AViCAD drawings (or just parts of them) to a Microsoft Office application

Customization (AutoLISP, SDS, DIESEL, COM Automation
3 programming languages supported by AViCAD 2011 Professional: LISP and SDS (C++) VBA and COM automation. Support the DIESEL programming language*

Texture Exporting - Google Earth
Publish your models in Google Earth enabling materials