



PROVIDING CAD SUPPORT TO YOUR IDEA

AUTHORIZED RESELLER



## CMS IntelliCAD®

Premium Edition (PE) & Premium Edition Plus (PE Plus) CAD Software

Affordable, Powerful & Compatible

CMS IntelliCAD® Compatible CAD Software is the intelligent and affordable full-featured choice for engineers, architects and consultants, or anyone who communicates using CAD drawings.

CMS IntelliCAD® is designed to give you unrivalled compatibility with Autodesk® AutoCAD® and is fully programmable with hundreds of third-party solutions. CMS IntelliCAD also offers a full suite of 2D and 3D AutoCAD compatible drawing tools. CMS IntelliCAD also provides a high degree of compatibility with the AutoCAD command set, as well as AutoLISP and ADS and built-in Microsoft VBA.

You can get to work immediately using your \*.dwg files, commands, and applications you rely on.

### Key Points

#### Unrivalled Autodesk® AutoCAD® Compatibility

- Native .dwg file support, including version 2.5-2018/20
- Add Digital signatures to .dwg files.
- AutoCAD 3D surface commands
- Spatial® ACIS (.sat) 3D solids import and export\*.
- ACIS 3D solids modelling\*.
- Autodesk Development System (ADS) Unicode support.
- LISP support (including. DCL).
- Support for AutoCAD command line.
- Digitizer Support.
- AutoCAD menu (.MNU) and script (.SCR) files.
- Raster image display.

#### Exceptional Productivity & Customization

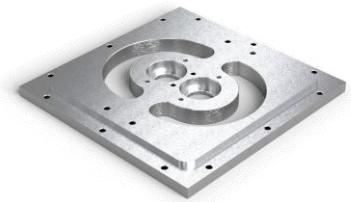
- Photo-realistic 3-D rendering, Visual Styles & Materials.
- Advanced photo-realistic rendering with Artisan render.
- Ribbon tabs interface combined with Menus & Toolbars.
- CUI support for Ribbon tabs interface customization.
- ActiveX support including in-place editing.
- Drawing Explorer™ for managing layers, blocks, line types, and more. Express tools, **Tool Palettes & Direct Input**.
- BIM Support<sup>NEW</sup> IFC & Revit® files import as underlay\*
- Attach point cloud. rcp/.rcs files.
- AEC entities such as walls, windows, doors, etc.\*
- STEP & IGES file format import and export. \*
- PDF file import and conversion to .dwg
- Graphical block preview, Block direct edition.
- Layer states, layer filters with search, quick select.
- Work with multiple open drawings (MDI).
- Faster Real Time Pan & Zoom.
- Right-mouse click to edit properties of multiple selected entities.
- Sketch Modes & Selection Grips.
- Script recorder.
- Microsoft® Visual Basic® Applications (VBA7.1) & .Net 4.5 DRX/IRX interface is available for developers to create custom entities.
- IntelliCAD IcAPI<sup>NEW</sup> Visual customization of menus and toolbars, cui custom menu files. System variables manager.

#### Microsoft Office® Integration

- ActiveX integration: you can insert IntelliCAD drawings (or just parts of them) into a Microsoft Office or OpenOffice application file. Supported on Microsoft Windows®-64bit.

(\*) PE Plus only.

PRODUCT MATRIX	PE	PE+
Native open drawing *.dwg file support from v2.5-up to	2018/20	2018/20
DXF, DWT, Autodesk DWF™, Adobe PDF, & Microstation *.DGN file support	●	●
<b>.dwg Digital Signatures, Xref, direct Block edition &amp; Selection Grips</b>	●	●
Support for 3D surface commands. <b>Facet Modeler, Import and Export of .fmb files</b>	●	●
<b>ACIS solids modeling</b> and editing – Spatial Release 2022		●
<b>BIM support</b> – IFC and RVT files import as underlays	RVT only	●
<b>STEP &amp; IGES</b> Import and Export.		●
<b>PDF import</b> & point data from .csv and .txt files data import, <b>Extract data to tables &amp; .xls files</b>	●	●
<b>Super Hatch, Dynamic Quick Properties</b>	●	●
<b>LISP support (including DCL) &amp; Microsoft Visual Basic for Applications (VBA 7.1) &amp; .Net 4.5</b>	●	●
<b>DRX/IRX interface</b> is available for developers to create custom entities	●	●
<b>Photo-realistic 3D Rendering and lighting, New visual styles &amp; Materials</b>	●	●
Advanced photo-realistic 3D rendering with <b>Artisan for IntelliCAD add-on</b>	●	●
<b>Drawing Explorer™</b> , layers, blocks, lines, truetype font & truecolor support	●	●
Graphical Block, line and text types of Previews, multi-line in-place text editor	●	●
<b>Express tools, Tool Palettes &amp; Direct Input, Tables Creation &amp; Editing, Tables Export to .cvs files</b>	●	●
<b>Microsoft ActiveX support</b>	●	●
Customizing <b>Ribbon tabs</b> user interface combined with toolbars and menu	●	●
<b>eTransmit</b> support and extensive hatch patterns list including gradient options	●	●
<b>Raster Image insertion</b> and advanced control	●	●
Work with <b>Multiple Open Drawing</b> – Individual tabs for each file	●	●
<b>3Dconnexion</b> input devices support	●	●
<b>Multi-core processing</b> support (on available machine systems)	●	●
Supported OS architecture (Microsoft Windows® 7 / 8.x / 10 / 11)	64-bit	64-bit
Minimum System Requirements free RAM / HD Space for Full Installation	2GB / 4GB	



## Artisan Rendering Engine for CMS IntelliCAD (Addon Software)



SCAN ME FOR DOWNLOAD

**CMS IntelliCAD v13.0**

### Compare CMS IntelliCAD vs Autodesk AutoCAD

**CMS IntelliCAD® Premium Edition (PE)** is designed to give you unrivalled compatibility with Autodesk® AutoCAD® software and is fully programmable with hundreds of third-party solutions. CMS IntelliCAD also offers a full suite of 2D & 3D compatible drawing tools. CMS IntelliCAD is the true and best CAD alternative in the market to Autodesk® AutoCAD® software.

SOFTWARES	CMS IntelliCAD PE	CMS IntelliCAD PE+	AutoCAD®	AutoCAD LT®
Native .dwg file support	●	●	●	●
*.dwg file support for v2.5 up to latest version	●	●		
<b>Digital Signatures</b> for *.dwg drawings	●	●	●	●
MicroStation *.dgn native open file support	● since 8.2	● since 8.2		
Open/Save – supports *.dwg, *.dxf, *.dwt, *.dxf & *.dwt file extensions	●	●	●	●
Export – supports 2D/3D *.pdf, *.svg, *.dxf, *.bmp, *.emf, *.wmf, *.dwf, *.stl file extensions	●	●	●	●
Import – supports 3D Collada *.dea	●	●		
Import / Export – supports ACIS 3D Solid *.sat		●	●	
<b>.STEP &amp; .IGS Import / Export</b>		●	●	
<b>Vectorized PDF files Import</b> for direct editing	●	●	●	●
<b>BIM support</b> *.ifc, *.rvt, *.rfa	No *.ifc	●		
Attach point cloud .rcp / .rcs files	●	●		
Support for command line	●	●	●	●
Support for <b>3D surface commands</b>	●	●	●	
<b>Facet Modeler</b> for <b>lightweight 3D drawings</b>	●	●	●	
Support for <b>3D Solids modeling</b>		●	●	
<b>AEC entities</b> such as walls, windows, doors, openings, stairs, railings & slabs, etc...		●		
Printing, Publishing with <b>eTransmit</b>	●	●	●	●
<b>LISP support</b> (Including DCL)	●	●	●	
Autodesk® Development System (ADS) support	●	●	●	
<b>Object IRX</b> for custom entity creation	●	●		ARX
AutoCAD® software menu (.mnu) and script (.scr) files	●	●	●	●
<b>TrueType™ font support</b>	●	●	●	●
<b>Raster Image</b> Support (See full list of supported image file extensions)	●	●	●	
Work with <b>Multiple Open Drawing</b>	●	●	●	●
Script Recorder	●	●	●	
<b>Visual Menu Customization</b>	●	●	●	●
Photo realistic <b>Geographic Location and Geographic Maps</b>	●	●	●	●