



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

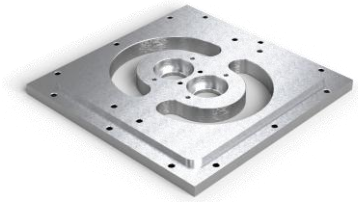
- Photo-realistic 3-D rendering, Visual Styles & Materials.
- **Advanced photo-realistic** rendering with Artisan render.
- Ribbon tabs interface combined with Menus & Toolbars.
- **CUI support for Ribbon** tabs interface customization.
- **ActiveX support** including in-place editing.
- Drawing Explorer™ for managing layers, blocks, line types, and more. Express tools, **Tool Palettes & Direct Input**.
- **BIM Support**^{NEW} 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**^{NEW} **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	●	●
.dwg Digital Signatures , Xref, direct Block edition & Selection Grips	●	●
Support for 3D surface commands. Facet Modeler , Import and Export of .fmb files	●	●
ACIS solids modeling and editing – Spatial Release 2022		●
BIM support – IFC and RVT files import as underlays	RVT only	●
STEP & IGES Import and Export.		●
PDF import & point data from *.csv and *.txt files data import, Extract data to tables & .xls files	●	●
Super Hatch , Dynamic Quick Properties	●	●
LISP support (including DCL) & Microsoft Visual Basic for Applications (VBA 7.1) & .Net 4.5	●	●
DRX/IRX interface is available for developers to create custom entities	●	●
Photo-realistic 3D Rendering and lighting , New visual styles & Materials	●	●
Advanced photo-realistic 3D rendering with Artisan for IntelliCAD add-on	●	●
Drawing Explorer™ , layers, blocks, lines, truetype font & truecolor support	●	●
Graphical Block, line and text types of Previews, multi-line in-place text editor	●	●
Express tools, Tool Palettes & Direct Input , Tables Creation & Editing , Tables Export to .csv files	●	●
Microsoft ActiveX support	●	●
Customizing Ribbon tabs user interface combined with toolbars and menu	●	●
eTransmit support and extensive hatch patterns list including gradient options	●	●
Raster Image insertion and advanced control	●	●
Work with Multiple Open Drawing – Individual tabs for each file	●	●
3Dconnexion input devices support	●	●
Multi-core processing 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	●	●		
Digital Signatures for *.dwg drawings	●	●	●	●
MicroStation *.dgn native open file support	● since 8.2	● since 8.2		
Open/Save – supports *.dwg, *.dxf, *.dwf, *.dxb & *.dwt file extensions	●	●	●	●
Export – supports 2D/3D *.pdf, *.svg, *.dwf, *.bmp, *.emf, *.wmf, *.dwf, *.stl file extensions	●	●	●	●
Import – supports 3D Collada *.dea	●	●		
Import / Export – supports ACIS 3D Solid *.sat		●	●	
.STEP & .IGS Import / Export		●	●	
Vectored PDF files Import for direct editing	●	●	●	●
BIM support *.ifc, *.rvt, *.rfa	No *.ifc	●		
Attach point cloud .rcp / .rcs files	●	●		
Support for command line	●	●	●	●
Support for 3D surface commands	●	●	●	
Facet Modeler for lightweight 3D drawings	●	●	●	
Support for 3D Solids modeling		●	●	
AEC entities such as walls, windows, doors, openings, stairs, railings & slabs, etc...		●		
Printing, Publishing with eTransmit	●	●	●	●
LIPS support (Including DCL)	●	●	●	
Autodesk® Development System (ADS) support	●	●	●	
Object IRX for custom entity creation	●	●	ARX	
AutoCAD® software manu (.mnu) and script (.scr) files	●	●	●	●
TrueType™ font support	●	●	●	●
Raster Image Support (See full list of supported image file extensions)	●	●	●	
Work with Multiple Open Drawing	●	●	●	●
Script Recorder	●	●	●	
Visual Menu Customization	●	●	●	●
Photo realistic Geographic Location and Geographic Maps	●	●	●	●

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