



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 unrivaled 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 LISP, ADS, VBA, .Net and IcARX.

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

Discover CMS IntelliCAD 15.x

Step into the future of CAD with the upcoming CMS IntelliCAD 15! Engineered to double your productivity, this new release introduces a seamless "Fluid Motion" workspace that helps you design with half the clicks. Coupled with breakthrough, lightning-fast AI rendering, it generates stunning, dynamic visualizations in seconds directly from model space.

This cutting-edge version builds powerfully upon the massive enhancements delivered from previous versions. Users benefit from a polished Dark Theme interface and advanced BIM interoperability (including IFC, RVT/RFA file import as underlays). Recent iterations also introduced highly requested tools like QR Code embedding, Excel-style Table auto-fills, detached drawing windows for multi-monitor setups, and smarter Civil 3D data extraction.

CMS IntelliCAD 15.0 modernizes the LISP engine over several years. Version 14.1 enabled loading protected FAS and VLX formats. Additionally, developers can now compile and load protected LISP applications with VLISP-COMPILE and the Make LISP Application command. The development team has officially retired the legacy engine, offering cad software developers a cleaner, more capable foundation.

Driven by native .DWG support (up to the latest version) and incredible performance boosts that make key commands up to 30x faster, CMS IntelliCAD remains the ultimate, high-performance CAD alternative for modern professionals.

Key Points

Unrivaled Autodesk® AutoCAD® Compatibility

Native **.dwg file support, versions 2.5 - 2026** (2018 AC1032)

Add **Digital signatures** to .dwg files.

AutoCAD **3D surface** commands

Spatial® ACIS (.sat) 3D solids import and export*.

ACIS 3D solids modeling*.

Autodesk Development System (ADS) unicode support.

LISP support (including applications in FAS and VLX formats).

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 **AI Rendering** tool.

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 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).

Fluid workspace motion with **"Lookout" PAN**. Patent pending.

Right-mouse click to edit properties of multiple selected entities.

Sketch Modes & Selection Grips.

Script recorder.

Extensive API supporting Microsoft® **Visual Basic® Applications (VBA7.1) & .Net 4.5**.

IcARX object-oriented C++ Application Programming Interface.

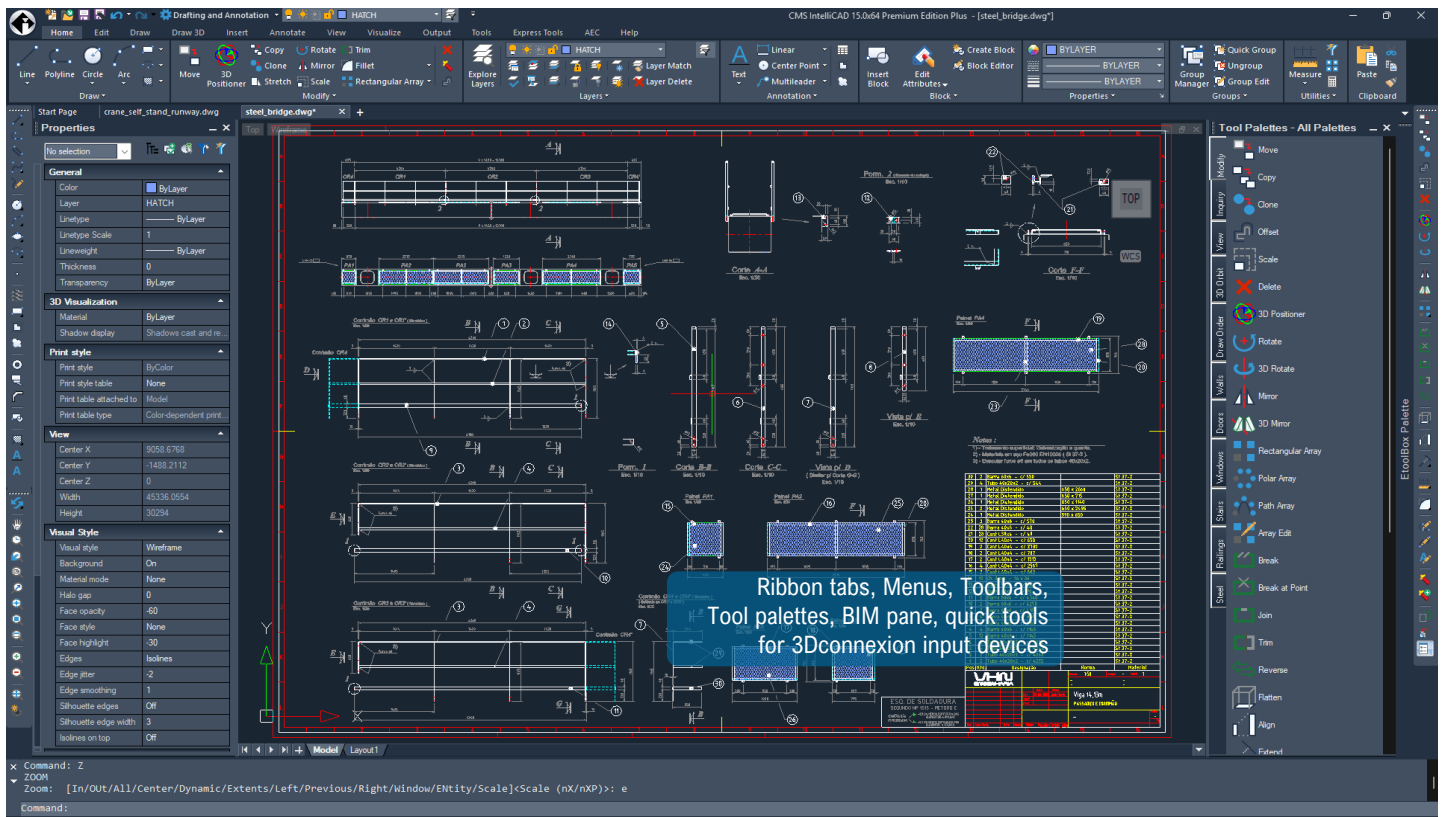
Visual **customization of menus and toolbars**, .cui custom menu files. **System variables manager**.

Microsoft Office® Integration

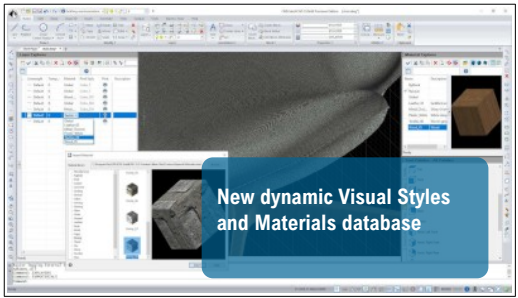
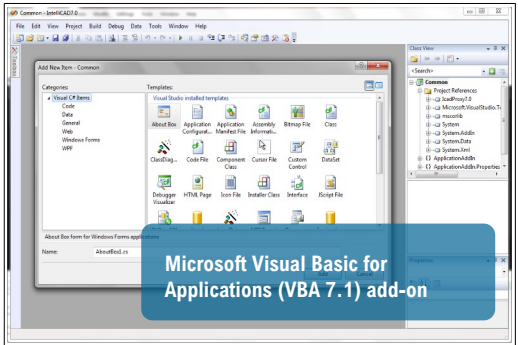
ActiveX integration: you can insert IntelliCAD drawings (or just parts of them) into a Microsoft Office or OpenOffice application file.

Supported on Microsoft **Windows®-64bit**.

(*) PE Plus only.



	PE	PE+
Native open drawing *.dwg file support from v2.5-up to the latest .dwg 2018 AC1032	2018/26	2018/26
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 & Drawing COMPARE feature preview	•	•
VISUAL LISP compiler 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 Ai rendering up to 4k. Requires a Google Gemini API key	•	•
Drawing Explorer™ , layers, blocks, lines, truetype font & truecolor support	•	•
Graphical Block, line and text types Preview, 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	•	•
Patent pending "Lookout" PAN fluid motion to reduce mouse strokes and physical strain	•	•
Multi-core processing support (on available machine systems)	•	•
Supported OS architecture: maintained Microsoft Windows®	64-bit	64-bit
Minimum System Requirements free RAM / HD Space for Full Installation	3GB / 6.5GB	



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