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 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 AutoLISP and ADS and built-in Microsoft VBA.
You can get to work immediately using your *.dwg files, commands and applications you rely on.

What's new on v10.1

CMS IntelliCAD® 10.1 CAD Software is a major release providing new features and improvements , now also provided as Perpetual Standalone and Network versions. Free 15 days trial available.

CMS IntelliCAD 10.1 is up to **seven times faster** when selecting entities and two times faster for grip editing, grip displaying, entity snapping, and drawing regenerating. New features include **tables creation & editing**, **3Dconnexion input devices** support, **import .pdf files** with more advanced options, **import point data** from .csv and .txt files, **import Autodesk® Revit® 2021** files as underlays on ALL CMS IntelliCAD 10.1 versions, and way more…

Key Points

Unrivaled Autodesk® AutoCAD® Compatibility

Native **.dwg file support, including version 2.5- 2018/20**
Add **Digital signatures**NEW 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 .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 SupportNEW IFC & Revit® files import as underlay*
Attach point cloud .rcp/.rcs files.
AEC entitiesNEW such as walls, windows, doors, etc.*
STEP & IGESNEW 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**NEW & **Selection Grips**NEW.
Script recorder.
Microsoft® **Visual Basic® Applications (VBA7.1) & .Net 4.5**
DRX/IRX interface is available for developers to create custom entities.
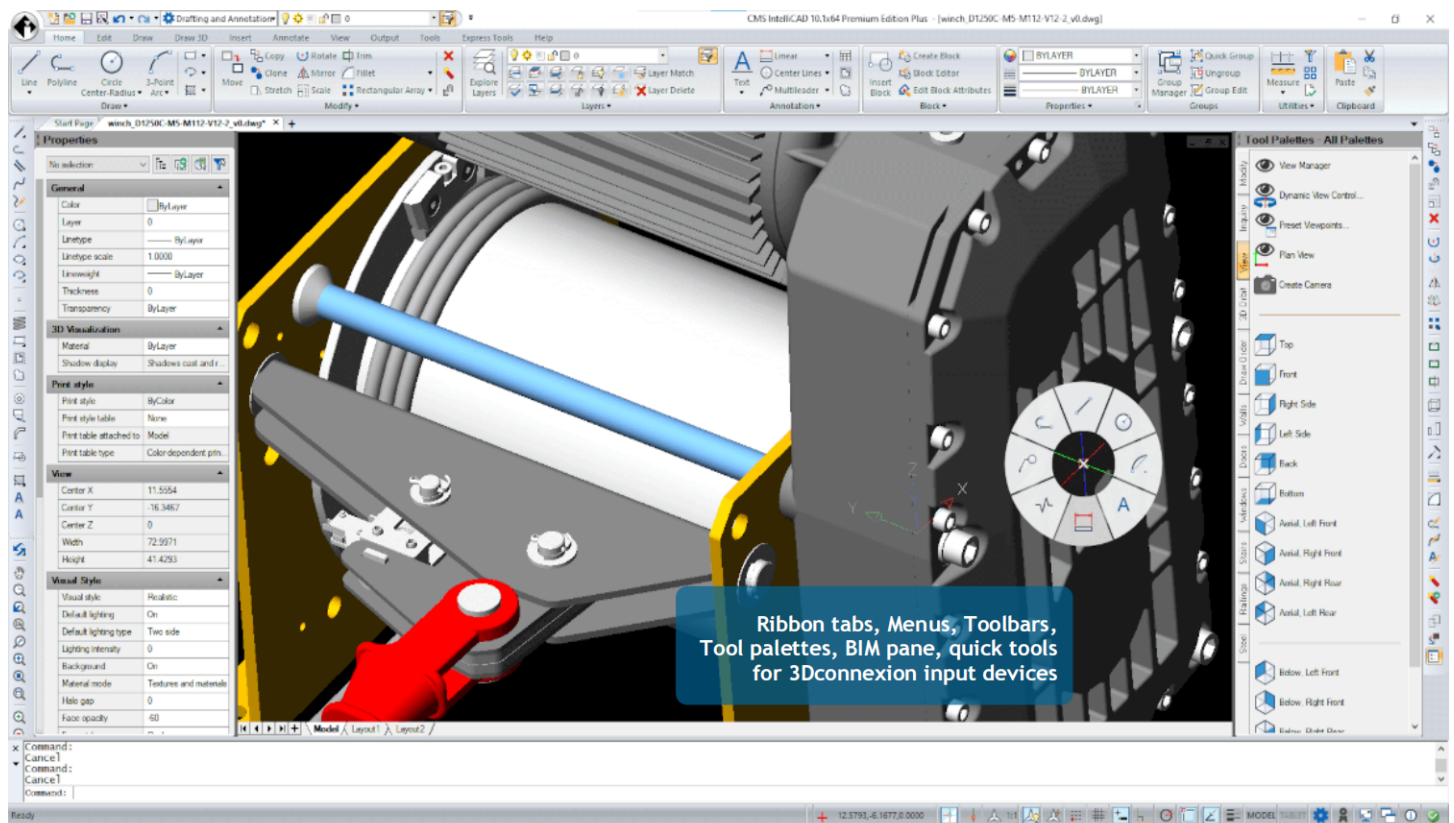Visual **customization of menus and toolbars**, .cui custom menu files. **System variables manager**NEW.

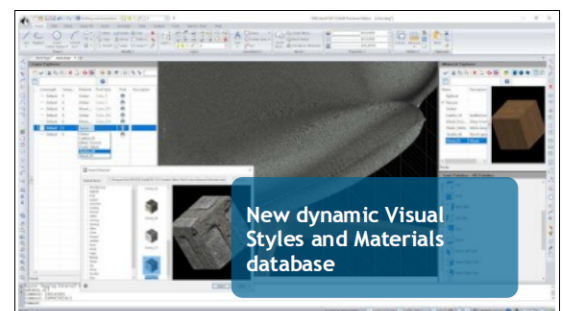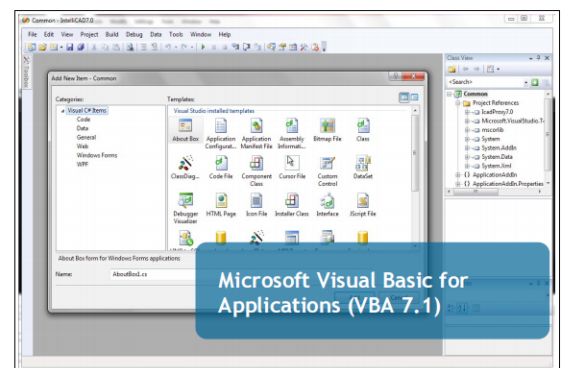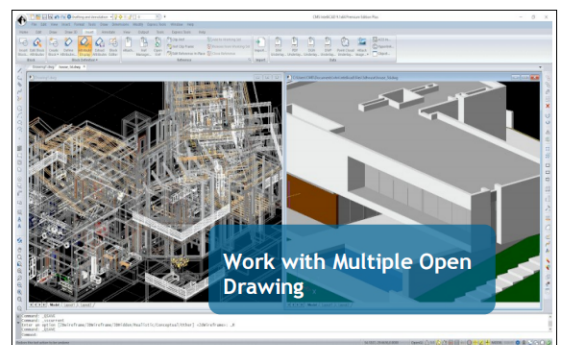### Microsoft Office® Integration

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.

Ribbon tabs, Menus, Toolbars, Tool palettes, BIM pane, quick tools for 3Dconnexion input devices

	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 AutoCAD 3D surface commands	●	●
ACIS solids modeling and editing – Spatial Release 23		●
BIM support – IFC and RVT files import as underlays	RVT only	●
STEP & IGES Import and Export		●
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 Preview, multi-line in-place text editor	●	●
Express tools, **Tool Palettes & Direct Input, Tables Creation & Editing**	●	●
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	●	●
Multi-core processing support (on available machine systems)	●	●
64-bit Supported OS architecture (Microsoft Windows® 7 / 8.x / 10)	64-bit	64-bit
Minimum System Requirements free RAM/HD Space for Full Installation	**2GB / 2GB**	

Work with Multiple Open Drawing

Microsoft Visual Basic for Applications (VBA 7.1)

New dynamic Visual Styles and Materials database