

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 v9.1

CMS IntelliCAD 9.1 is a major release that includes many new features and improvements.

One of the new major capabilities of CMS IntelliCAD 9.1 is attaching digital signatures to .dwg files and validating them. The interface on how to do it has been reworked with CMS IntelliCAD 9.1. Another is the new Block Editor that makes it easier to create and edit blocks. One more is creating palettes that contain blocks, similar to using a stencil for easily adding shapes to a drawing. There is also a new type of selection grip for users working with schematic drawings where precise scale or sizing is not required.

More CMS IntelliCAD 9.1 features include: print and publish drawings directly to PDF, click keywords at the command prompt, use a Start Page when the program launches, single-click to hide many user interface items at once and increase the drawing area, synchronize viewports, convert to mesh, convert to surface, show and hide edges of three-dimensional entities, view and edit system variables in the new System Variables Manager, and much more.

CMS IntelliCAD PE and PE Plus are now also able to attach version 2019 .rvt/.rfa files. CMS IntelliCAD PE Plus is also able to draw more AEC entities such as stairs, railings, and steel.

Key Points

Unrivaled Autodesk® AutoCAD® Compatibility

Native .dwg file support, including version 2.5- 2018

Add **Digital signatures**^{NEW} to .dwg files.

AutoCAD 3D surface commands.

Spatial® ACIS (.sat) 3D solids import.

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

Professional photo-realistic 3-D rendering.

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 and **Tool Palettes**.

BIM Support^{NEW} IFC & Revit® files import as underlay*.

Attach point cloud .rcp/.rcs files.

AEC entities^{NEW} such as walls, windows, doors, etc. (PE Plus).

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

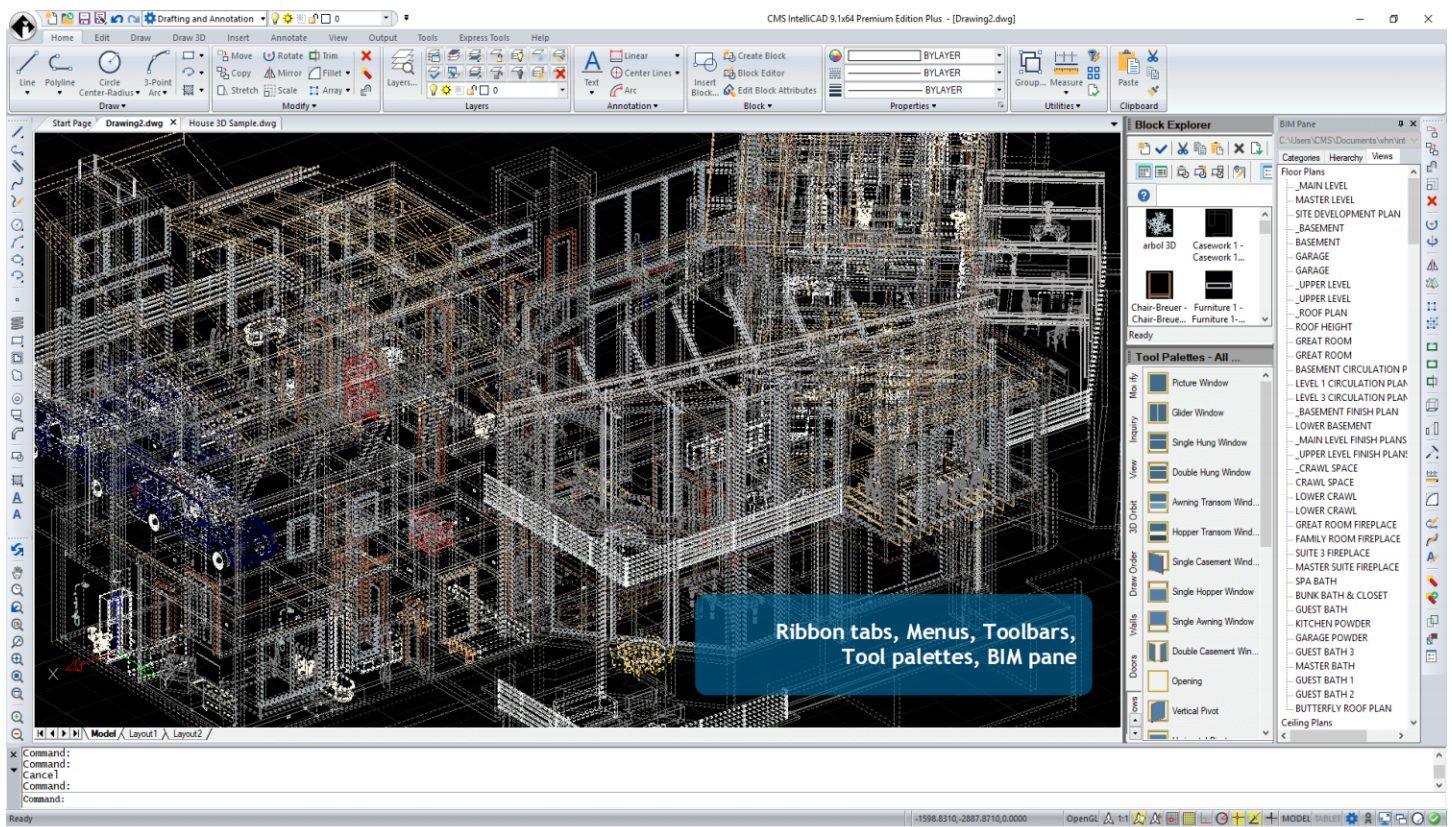
menu files. **System variables manager**^{NEW}.

Microsoft Office® Integration

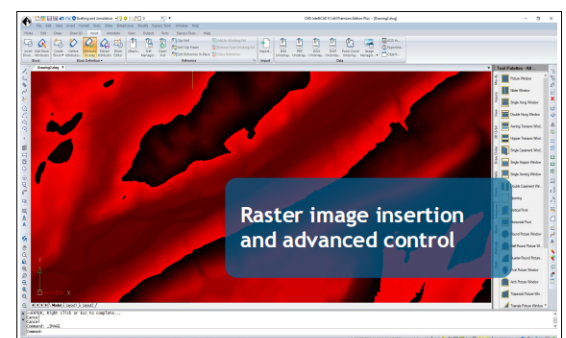
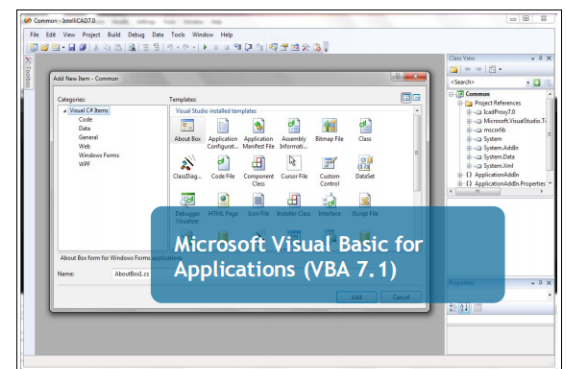
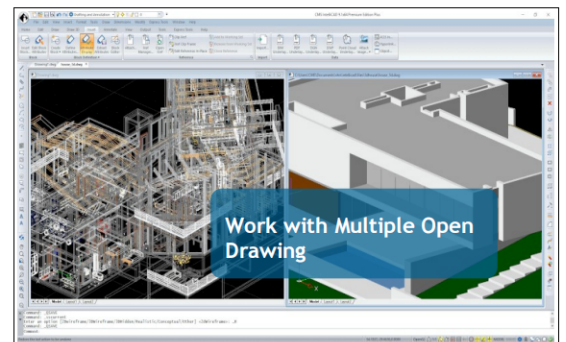
ActiveX integration: you can insert IntelliCAD drawings (or just parts of them) into a Microsoft Office or OpenOffice application file.

Supported on Microsoft **Windows® 7 / 8.x / 10 (64bit)**.

(*) PE Plus only.



	PE	PE+
Native open drawing *.dwg file support from v2.5-up to	2018	2018
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	•
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	•	•
Professional photo-realistic 3D Rendering and lighting	•	•
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 and Tool Palettes	•	•
Microsoft ActiveX support	•	•
Ribbon tabs user interface combined with toolbars and menu	•	•
Visual Menu Customization	•	•
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)	•	•
Supported OS architecture (Microsoft Windows® 7 / 8.x / 10)	64-bit	64-bit
Minimum System Requirements free RAM/HD Space for Full Installation	2GB / 1.64Gb	



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