

# 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 v10.0

CMS IntelliCAD® 10 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.

**OpenGL ES graphics device** is now supported for enhanced display quality and performance, which also includes **new visual styles**;

**New materials library** contains materials that can be assigned to entities and layers and then displayed with visual styles;

**Spot and point lights** now display in-program with visual styles;

**Redesigned View Manager** has more options available;

**New dynamic input** incorporates command prompts and measurement guides at the cursor;

**New properties** are available for various entity types in the Properties pane;

New ability to view properties of **custom entities**;

CMS IntelliCAD 10 also includes the ability to **migrate user interface customizations** from previous versions;

CMS IntelliCAD 10 incorporates ODA SDKs version 2020 Update 2 and enhanced .NET and IRX functionality for increased API capabilities;

### Key Points

#### Unrivaled Autodesk® AutoCAD® Compatibility

Native **.dwg file support, including version 2.5- 2018/20**

Add **Digital signatures<sup>NEW</sup>** 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 Support<sup>NEW</sup>** IFC & Revit® files import as underlay\*

**Attach point cloud .rcp/.rcs** files.

**AEC entities<sup>NEW</sup>** such as walls, windows, doors, etc.\*

**STEP & IGES<sup>NEW</sup>** 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<sup>NEW</sup> & Selection Grips<sup>NEW</sup>**.

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

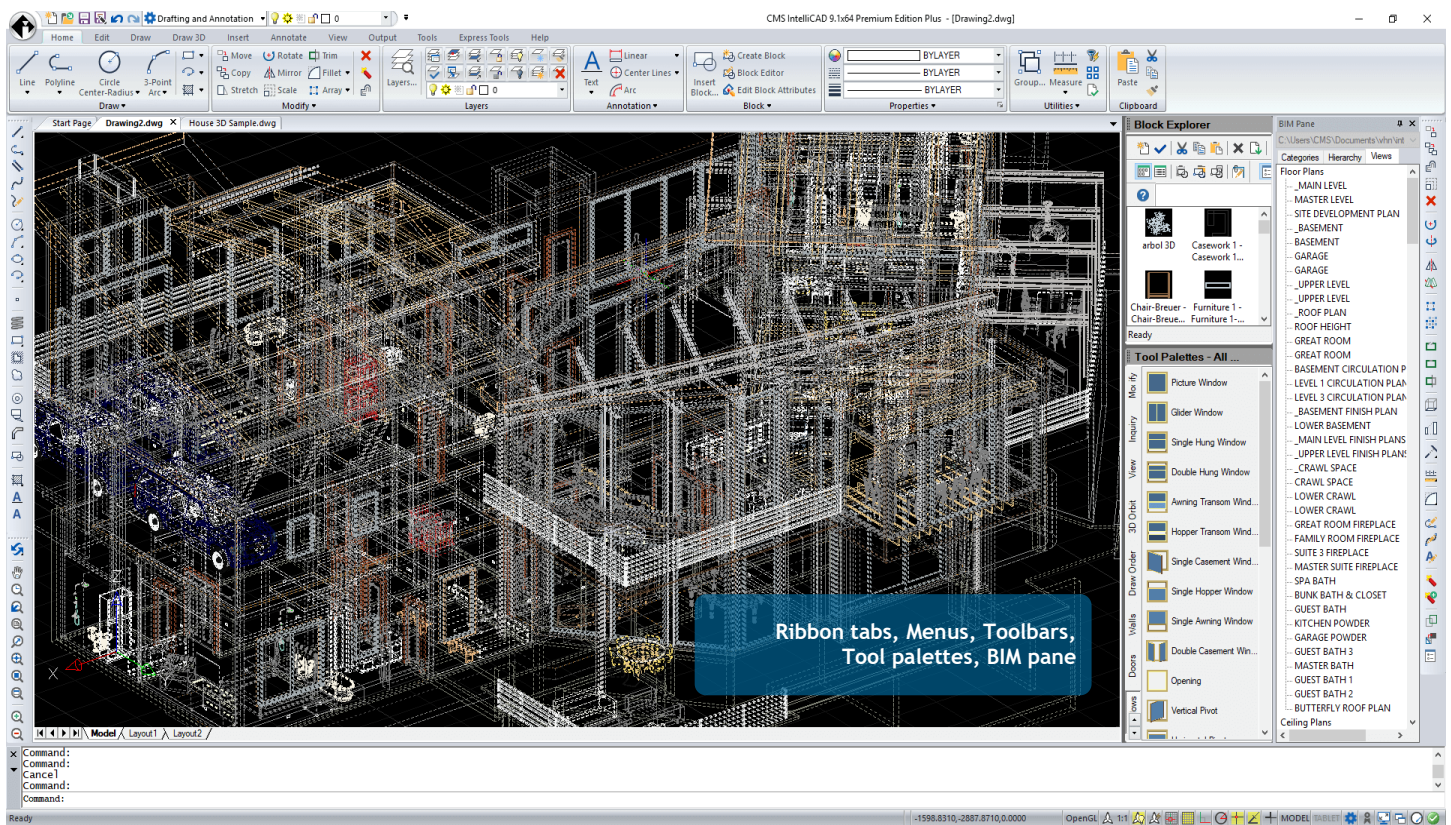
menu files. **System variables manager<sup>NEW</sup>**.

#### Microsoft Office® Integration

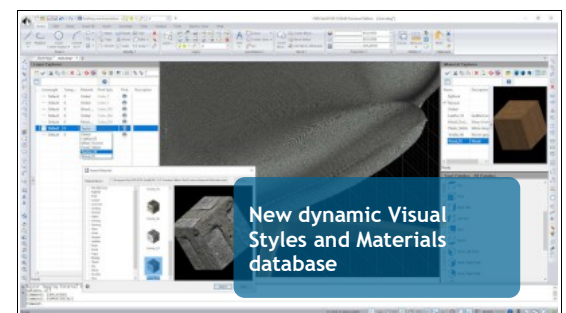
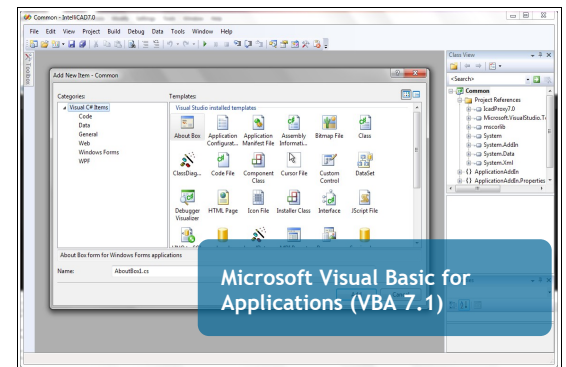
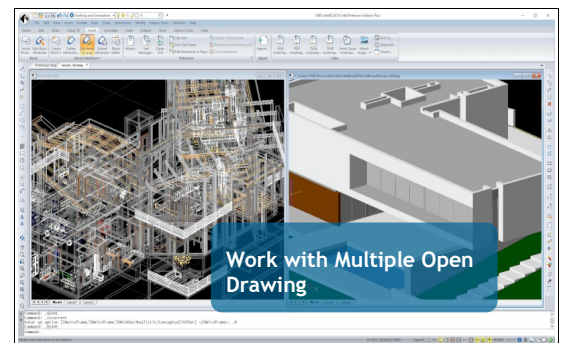
ActiveX integration: you can insert IntelliCAD drawings (or just parts of them) into a Microsoft Office or OpenOffice application file.

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

(\*) PE Plus only.



	PE	PE+
Native open drawing *.dwg file support from v2.5-up to	2018/20	2018/20
DXF, DWT, Autodesk DWFT™, Adobe PDF, & Microstation *.DGN file support	•	•
.dwg <b>Digital Signatures</b> , Xref, direct Block edition & <b>Selection Grips</b>	•	•
Support for AutoCAD 3D surface commands	•	•
<b>ACIS solids modeling</b> and editing – Spatial Release 23		•
<b>BIM support</b> – IFC and RVT files import as underlays	RVT only	•
<b>STEP &amp; IGES</b> Import and Export		•
<b>LISP support (including DCL)</b>	•	•
Microsoft <b>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</b> , <b>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 Preview, multi-line in-place text editor	•	•
Express tools, <b>Tool Palettes &amp; Direct Input</b>	•	•
Microsoft <b>ActiveX</b> support	•	•
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>Multi-core processing</b> 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	<b>2GB / 2GB</b>	



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