CMS IntelliCAD® Premium Edition (PE) 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 v9.0

CMS IntelliCAD 9.0 is a major release that includes many new features and improvements, including native support for opening, editing, and saving 2018 .dwg files. CMS IntelliCAD 9.0 boosts performance in many areas, with the most noticeable increase in speed during file saves. Now only modifications need to be saved to .dwg files, which makes for extremely fast saving especially for large .dwg files that contain only a few changes. New features include Mechanical entities viewing, attach point cloud .rcp/.rcs files, and export to .pdf files using many more options than before. Draw construction lines. Draw and modify 3D meshes using the new Facet Modeler for lightweight 3D drawings. Use a camera to view drawings. Add columns to multiline text. Use new express tools for blocks, external references, text, and editing. Reset dimension text and reassociate dimension text. And much more.

CMS IntelliCAD PE PLUS that now supports BIM files import as underlays, users can now attach .rvt/.rfa files; snap to, explode, and control display for categories, stories, and views in attached .rvt/.rfa files; import .ifc files as architectural entities (in addition to attaching these file types as before); and draw AEC entities such as walls, windows, doors, openings, and slabs.

Key Points

Unrivaled Autodesk AutoCAD® Compatibility
Native **.dwg file support, including version 2.5- 2017/2018**
AutoCAD 3D surface commands.
ACIS 3D solids import.
ACIS 3D solids modeling (PE Plus).
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 – IFC and RVT files import as underlay (PE Plus).
Attach point cloud .rcp/.rcs files.
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.
Script recorder.
Unlimited undo/redo.
Microsoft Visual Basic Applications (VBA7.1) & .Net 4.5
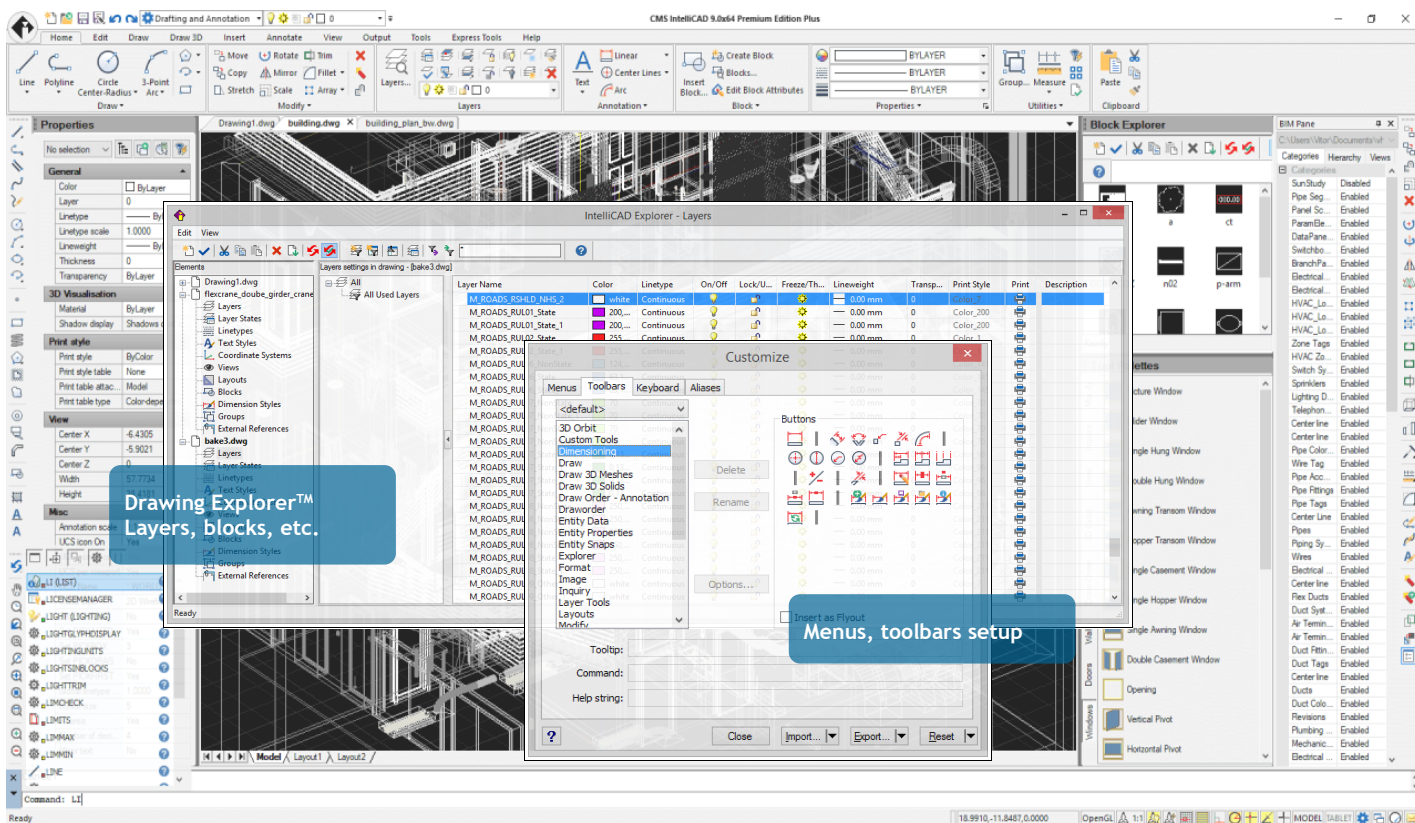DRX/IRX interface is available for developers to create custom entities.
Visual customization of menus and toolbars, .cui custom menu files.

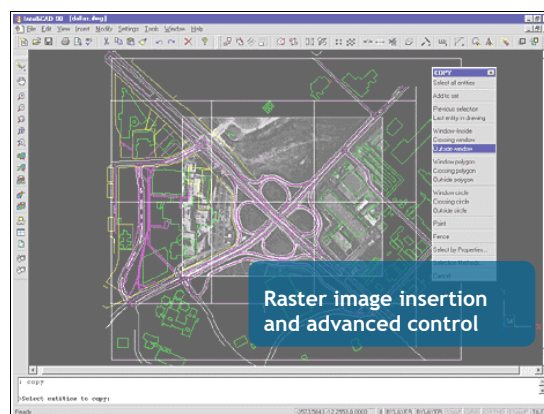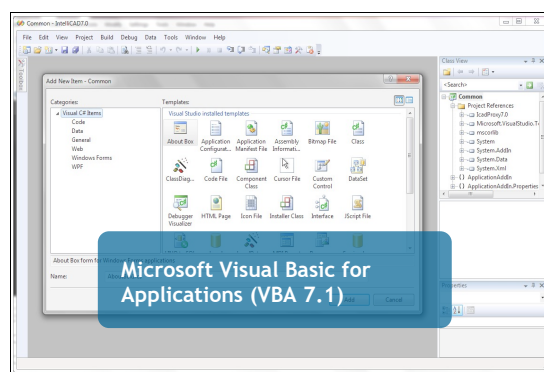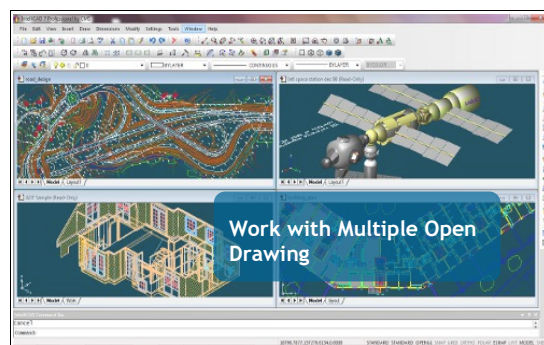### Microsoft Office Integration
ActiveX integration: you can insert IntelliCAD drawings (or just parts of them) into a Microsoft Office or OpenOffice application file.
Supported on Microsoft **Windows® 7 / 8.x / 10 (64bit).**
(*) Native 2018 version support

Drawing Explorer™ Layers, blocks, etc.

Menus, toolbars setup

	PE	PE+
Native AutoCAD open drawing *.dwg file support from v2.5-up to	2017/2018	2017/2018
DXF, DWT, Autodesk DWF™, Adobe PDF, and *.DGN file support	●	●
Xref Manager, Xref and direct Block edition	●	●
Support for AutoCAD 3D surface commands	●	●
ACIS solids modeling and editing – Spatial Release 23		●
BIM support – IFC and RVT files import as underlays		●
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 / 940Mb**	

Work with Multiple Open Drawing

Microsoft Visual Basic for Applications (VBA 7.1)

Raster image insertion and advanced control

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