



**The Alternative Solution  
for Professional CAD Design**



# The Alternative CAD, now more powerful than ever

IntelliCAD is the AutoCAD (\*) alternative that provides open DWG file compatibility, similar environment, as well as full support for AutoCAD commands, menus, scripts, styles, patterns etc. 4M, being among the first members that constitute the IntelliCAD Technology Consortium - ITC ([www.intellicad.org](http://www.intellicad.org)), provides the top quality version of IntelliCAD worldwide. 4M-IntelliCAD speeds and performances are totally unbeatable, explaining the reason why our product has been welcomed by many thousands of Engineers and Designers in over 20 Countries.



(\*) Autocad is a trademark and product of Autodesk company.

## 4M-IntelliCAD is available in two versions:

**4M-IntelliCAD (Standard version):** Full version including all the new features, as well as the Raster-Image, X-ref manager and Rendering functionalities.

**4M-IntelliCAD PRO (Professional):** Additionally to the Standard version, the 3D Solids and the VBA support.

## Unrivaled Autodesk AutoCAD compatibility

- Native DWG support (OpenDwg)
- DWG support of any AutoCAD v 2.5-2005
- Full compatibility with AutoCAD Command Line, menu (.MNU) and script (.SCR) files, hatches, fonts and true type fonts
- Complex linetypes
- Multiline Text
- Lightweight polyline
- Draworder
- Audit & Recover
- Full AutoLISP support (including .DCL)
- ADS support in most applications
- Raster image display manager
- AutoCAD 3D surface commands, etc.



## Exceptional productivity

- Multiple open drawings (MDI), ActiveX support
- Multiple layouts Drawing Explorer™ for managing layers-blocks-line types-and more
- Graphical block preview
- Real Time Pan & Zoom
- i-Drop technology
- Right-mouse click to edit properties of multiple selected entities very fast and high quality Hide-Shade functions
- Script recorder
- ActiveX objects integration (word texts, excel tables etc)
- Visual customization of menus and toolbars
- High quality Photorealistic 3D rendering (ray tracing)
- Powerful 3D Solid Modeling (ACIS compatible)
- Multilingual versions



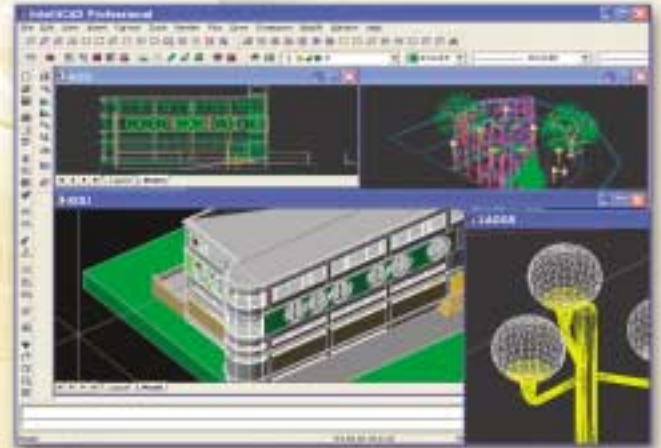
## Open Communication

- Import-Export of DWG files (opendwg)
- Import-Export of DXF and SCR (script) files
- Import of mnu (menu) and dcl (dialog box) files
- Export of WMF, EMF (Enhanced Metafile) files and SLD (slides)
- Reading of BMP, GIF, JPG, TIF, PCX images within DWG files.

## Stand Alone or embedded in 4M Vertical Applications

4M has incorporated IntelliCAD into its following vertical applications, providing an absolute CAD autonomy to its users

- IDEA (Architectural Design)
- STRAD (Structural Analysis Design)
- STEEL (Steel Construction Design)
- FineHVAC (HVAC Design)
- FineELEC (Electrical Design)
- Fine LIFT (Lift Design)
- FineSANI (Sanitary Design)



## AutoCAD Compatibility

Native DWG Support (opendwg technology)  
 DWG support of any AutoCAD v 2.5-2005  
 DWG support for AutoCAD 2004  
 DWG support for AutoCAD 2005  
 AutoCAD Command Line  
 AutoCAD 3D surface commands  
 Full AutoLISP Support (including DCL)  
 ADS Support (Autodesk Development System)  
 Object ARX Support  
 AutoCAD menu (mnu) & script files (scr) Support  
 Mtext support  
 Hatch Editing  
 User Profiles Support  
 Multiple Paperspace  
 Lineweights Support  
 Drawing Recovery  
 TrueType Fonts  
 Raster Image Display

4M-IntelliCAD ACAD > 2002 ACAD 2002 ACAD R14 ACAD LT

## Advanced Features

Edit Multiple Drawings  
 Explorer™ for managing layers-blocks-line types  
 Microsoft Windows ActiveX Support  
 Creation and Storage of script files (script recorder)  
 Edit Multiple Drawings  
 Graphical block preview  
 Export to DWF  
 Visual customization of menus and toolbars  
 Image Menu  
 XRef Manager  
 e-drop  
 Quick Render  
 Right-mouse click to edit properties of multiple selected entities  
 High quality photorealistic 3D Rendering (Ray tracing)  
 Full 3D Modeler (Opencascade) - ACIS compatible (PRO)  
 Visual Basic Support (VBA) for Applications (PRO)

	4M-IntelliCAD	ACAD > 2002	ACAD 2002	ACAD R14	ACAD LT
Native DWG Support (opendwg technology)	✓	✓	✓	✓	✓
DWG support of any AutoCAD v 2.5-2005	✓	-	-	-	-
DWG support for AutoCAD 2004	✓	✓	✓	✓	✓
DWG support for AutoCAD 2005	✓	✓	✓	✓	✓
AutoCAD Command Line	✓	✓	✓	✓	✓
AutoCAD 3D surface commands	✓	✓	✓	✓	✓
Full AutoLISP Support (including DCL)	✓	✓	✓	✓	✓
ADS Support (Autodesk Development System)	✓	✓	✓	✓	✓
Object ARX Support	✓	✓	✓	✓	✓
AutoCAD menu (mnu) & script files (scr) Support	✓	✓	✓	✓	✓
Mtext support	✓	✓	✓	✓	✓
Hatch Editing	✓	✓	✓	✓	✓
User Profiles Support	✓	✓	✓	✓	✓
Multiple Paperspace	✓	✓	✓	✓	✓
Lineweights Support	✓	✓	✓	✓	✓
Drawing Recovery	✓	✓	✓	✓	✓
TrueType Fonts	✓	✓	✓	✓	✓
Raster Image Display	✓	✓	✓	✓	✓
<b>Advanced Features</b>					
Edit Multiple Drawings	✓	✓	✓	-	✓
Explorer™ for managing layers-blocks-line types	✓	✓	✓	-	✓
Microsoft Windows ActiveX Support	✓	✓	✓	✓	✓
Creation and Storage of script files (script recorder)	✓	✓	✓	✓	✓
Edit Multiple Drawings	✓	✓	✓	✓	✓
Graphical block preview	✓	✓	✓	✓	✓
Export to DWF	✓	✓	✓	✓	✓
Visual customization of menus and toolbars	✓	✓	✓	✓	✓
Image Menu	✓	✓	✓	✓	✓
XRef Manager	✓	✓	✓	✓	✓
e-drop	✓	✓	✓	✓	✓
Quick Render	✓	✓	✓	✓	✓
Right-mouse click to edit properties of multiple selected entities	✓	✓	✓	✓	✓
High quality photorealistic 3D Rendering (Ray tracing)	✓	✓	✓	✓	✓
Full 3D Modeler (Opencascade) - ACIS compatible (PRO)	✓	✓	✓	✓	✓
Visual Basic Support (VBA) for Applications (PRO)	✓	✓	✓	✓	-

(\*) The values of this table are based on published information. AutoCAD is a product and trade mark of Autodesk. IntelliCAD is a product and trade mark of IntelliCAD Technology Consortium (ITC).



IntelliCAD is available either as a stand alone CAD package, or as a built-in module within the vertical applications FINE, IDEA and STRAD, guaranteeing absolute autonomy to its user.

### Five reasons to buy IntelliCAD now

- Start immediately working on your existing job (dwg drawings, autolisp applications, fonts etc)
- Communicate with anyone else (full DWG compatibility)
- Take advantage of the impressive speeds and performances of the latest 4M-IntelliCAD engine
- Feel Safe and absolutely Legal (opposite to licensee authorities such as BSA etc)
- Save a lot of money (costs are 15 to 20 times less than the existing competition)

FUEL



[www.4msa.com](http://www.4msa.com)



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