

# KEY FEATURES OF IGiS CAD



**IGiSCAD**  
Designing Simplified

## FEATURES

### ESSENTIAL

### ADVANCED

#### COMPATIBILITY AND SUPPORT FILE

Native DWG Support	✓	✓
AutoCAD v2.5 to 2018 DWG Support	✓	✓
AutoLisp Support (Including DCL)	✓	✓
CAD startup suite	✓	✓
Object ARX Support	✓	✓
DXF / DWF / DXB / DGN / DAE Support	✓	✓
Import and Convert .pdf to .dwg with layers	✓	✓
Support for AutoCAD 3D Surface Commands	✓	✓
AutoCAD Menu and Script File Support	✓	✓
Truetype Font Support	✓	✓
Raster Image Support	✓	✓
Import GIS map files (.shp,.sdf, .sqlite)	✓	✓
Import .stl .obj .shp .csv .dsf file support	✓	✓
DWG to PDF Printer	✓	✓
PDF to DXF Converter	✓	✓
Microsoft ActiveX Support including support for in-place Editing	✓	✓

#### Interface

Classic and Ribbon Interfaces	✓	✓
Customize User Interface (CUI)	✓	✓
Dark\Light UI	✓	✓
Tool Palettes	✓	✓
Properties Palette	✓	✓
Auto-complete Command Entry	✓	✓
Drawing Tab Switching	✓	✓
Dynamic Input	✓	✓
Adaptive Grid	✓	✓



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### Table Features

Create And Edit Table	✓	✓
Creating tables with Data links with Excel files	✓	✓
Enhanced table functionality with ability of inserting formulae in cells	✓	✓
Context menu for table functionality with contain the cell formatting	✓	✓
Importing Microsoft Excel file through data link	✓	✓

### Annotation

Mtext Editor	✓	✓
Leader & MLeader	✓	✓
Associative Dimension	✓	✓
Text and MText	✓	✓
Annotative Object	✓	✓
Revcloud	✓	✓
Text In-place Editing	✓	✓
Change Numeric Text Values	✓	✓

### Layer and block

Explorer for Managing Layers	✓	✓
Layer Filter	✓	✓
Laywalk	✓	✓
Layer State Manager	✓	✓
Block	✓	✓
Block Attributes	✓	✓
Synchronizing Block Attributes	✓	✓
Attribute Synchronization functionality	✓	✓



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#### Output

CTB & STB Plot Style	✓	✓
Plot	✓	✓
Publish	✓	✓
Export	✓	✓
eTransmit	✓	✓
Data Extraction	✓	✓
Dynamic print preview	✓	✓
Enhanced publishing and sheet sets	✓	✓

#### Other

Boundary Hatch	✓	✓
All Regular 2D Drafting Commands	✓	✓
Multiple Open Drawings	✓	✓
Hatch/Gradient Hatch	✓	✓
Multiple Paperspace Layouts	✓	✓
Script Recorder	✓	✓
Graphical Block Preview	✓	✓
Visual Menu Customization	✓	✓
Right Mouse Click Menu Support	✓	✓
Creating three-dimensional faces	✓	✓
Visual Styles	✓	✓
Pointcloud	✓	✓
Model Documentation	✓	✓
Audit Drawings Tool	✓	✓
Path array functionality	✓	✓
Dimension break function	✓	✓
Secure LISP customization	✓	✓



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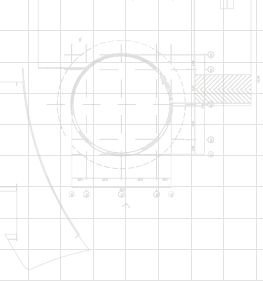
Entity cloning	✓	✓
Spellcheck	✓	✓
Get Map in different map type [ Aerial / Road / Hybrid ]	✓	✓
4k display	✓	✓
Block Library Functionality	✓	✓
Nudge functionality to move entities with arrow key	✓	✓
Universal Barcode/QR Code creator supporting 50+ standards of Barcode/OR code	✓	✓
New express tool for copying attributes of block	✓	✓

## Symbols Library

Enhanced new version of standard part symbol library with new symbols for Mechanical Engineering, Electrical Engineering Civil Engineering and Architecture	✓	✓
Add Own Customized Symbols	✓	✓

## 3D

3D Mesh/Wire frame Modeling	✓	✓
Draw 3D Solids	✗	✓
Solids Editing	✗	✓
3D Solids Modeling	✗	✓
Polyline to 3D Convert	✗	✓
Photorealistic Rendering	✓	✓
Rendering	✓	✓
ACIS 3D Solids *.sat Import/Export	✓	✓
3D Navigation	✗	✓
Convert ADT objects to 3D Meshes	✗	✓
AEC entities like wall, window, door, opening, stair, railing, slab etc.	✗	✓
Extra Tool Palettes for BIM	✗	✓
Numbered Markers	✓	✓



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3D Orbit	✓	✓
View Rotation with Right Click	✗	✓
Section Planes	✗	✓
Visual Basic for Application (VBA)	✗	✓

