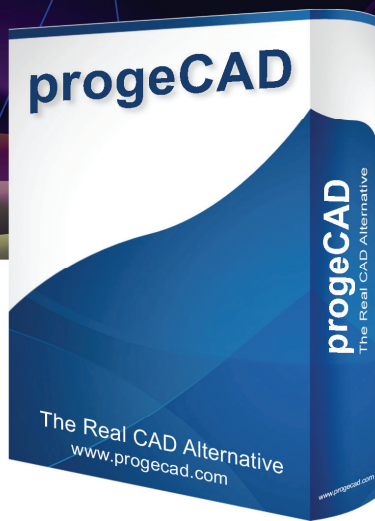


# progeCAD 2016

get the bright light



## Native DWG and DXF CAD Software

**progeCAD 2016** powered by the most recent IntelliCAD engine is affordable and powerful DWG CAD software fully compatible with Windows 8.1 and ready for Windows 10

progeCAD 2016 contains a number of new important features and enhancements to offer customers improved performance, stability and speed.

progeCAD 2016 Professional reads and writes DWG drawing files versions 2.5 to 2016.

progeCAD Professional offers the iCADLib blocks manager with over 22,000 blocks, PDF import and export, Google Earth™ Publishing, Express Tools, Cloud integration, ACIS solid modeling, Photorealistic Rendering, PDF, DWF, JPG printing, Raster Image management, Dynamic Input, Gradient hatch, Polygonal viewports, Etrack, Polar Tracking, EasyArch 3D parametric plugin for architects, customization with VB, VBA, C++ and Lisp.

**progeCAD 2016 is a real "CAD evolution"**

### High compatibility with AutoCAD® to share information and drawings

progeCAD's original format is DWG. This ensures unrivaled compatibility with AutoCAD® without any need for file conversion.

progeCAD lets you export drawing files to any previous AutoCAD® version, from 2.5 right through AutoCAD 2016, both in DWG and DXF formats. Your DWG drawings can be shared between progeCAD and AutoCAD® without losing any critical information.

### Ease of use

Anybody familiar with AutoCAD® can immediately use progeCAD without any training.

progeCAD 2016 also provides a lot of exclusive tools to improve your productivity on project development.

### Always updated with iCARE

1 year subscription-based maintenance and support program available. It offers a variety of benefits to help customers get the most out of their progeCAD software. Cut down upgrades costs and receive more value:

- **Software** — receive all progeCAD updates and New Versions (e.g. iCARE subscribers will receive progeCAD 2016 at no charge)
- **Support** — technical assistance via web with the help desk service through ticket, email, live chat and remote support

### progeCAD Cloud <sup>new</sup>

Save and open drawings on Cloud! progeCAD Cloud makes it easy for you to reach any of your drawings wherever you are.

### EasyArch 3D

The automated building tool for architects, designed to increase productivity in house and interior design and remodeling. Works in 2D and 3D modes

### Dynamic Input <sup>new</sup>

The fastest way of entering commands. Input data like the length of a line or the radius of a circle with dynamic visualization of changes relative to mouse movements.

### PDF import and export

conversion of PDF files in editable DWG CAD drawings with Layers support. DWG drawings export and print out in PDF and the PDF/A standard <sup>new</sup>

### Dynamic UCS <sup>new</sup>

Automates the creation of a temporary XY plane to draw on. The dynamic UCS feature dramatically speeds up drawing in 3D environment.

### iCADLib, Block Libraries Management

progeCAD's powerful module for Blocks management includes over 22,000 blocks

Google earth

Windows 8



### progeCAD Cloud

The optimal way of sharing drawings with your team and customers. progeCAD Cloud supports the major cloud services for file sharing and syncing like DropBox, Google Drive and Microsoft One Drive.



progeSOFT



## PDF, DGN, DWF Underlay

These file formats can be attached as an underlay to serve as a background

The underlay can be snapped to object snaps and clipped

## iCADLib, Block Libraries Management

the advanced module for blocks management allows to handle existing libraries of symbols and blocks as well as to organize all User's blocks

## 3D PDF Export

allows to share your 3D data in the standard PDF format and to create brochures, presentations, technical sheets and manuals in 3D

## Block Libraries

over 22.000 blocks for:

- Architecture
- Mechanics ANSI-ISO and DIN\_ISO
- Steel profiles
- Electrical symbols IEC and ANSI
- 3D Furniture (bathroom, office, kitchen, living room, bedroom)
- Hydraulic and Pneumatic symbols

## EasyArch 3D, plugin for architects

the automated building tool, designed to increase productivity in architectural and interior design and renovation, offers 2D/3D parametric walls, windows, doors, stairs, roofs as well as a library of dynamic blocks to create personalized interior furnishings. Metric/Imperial.

## Otrack® (Etrack)

tracks along alignment paths that are based on object snap points

## Publish command (Batch Plot)

print (or export to PDF/DWF) selected drawing layouts

## Snap 'From'

the smart tool completing the snap family

## Snap Extension

snaps to some point along the imaginary extension of a line, arc or polyline segment

## Spline editing

allows to delete, add and move spline points as well as to open/close splines and edit tangent start/end points

## Multiline Style

The possibility to create named styles for multilines to control the number of elements and the properties of each element.

## DWG Export

drawings can be exported to following file formats:

PDF, DWF, 3DS, DAE, STL, LWO, POV, BMP, WMF, EMF and SVG

## Collada (DAE) Export

drawings exports to the DAE file format, the powerful interchange format for interactive 3D applications

## DGN Import

import of Microstation® drawings

## Traceparts and Cadenas for progeCAD

iCADLib integrates progeCAD's Traceparts and Cadenas web portals for easy-guided usage of more than 100 million of blocks. Directly guided block insertion from the web to your drawings just in a snap.



## 3D Printing

STL export for 3D printing

## Dimension Style Manager

creates new styles, sets the current style, modifies styles, sets overrides on the current style and compares styles

## Solprof

2D profile image extraction from ACIS Solids

## 3D Ortho <sup>new</sup>

Z Ortho mode restricts the cursor to the up and down directions.

## Windows 8 and 8.1

full compatibility with the Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows 8.1 and Windows 10 operating systems

## Dynamic Blocks Editing

Allows to change Dynamic Blocks shapes with Grips

## Flatshot command

generates an accurate flat view of a 3D model

## Helix and Loft commands

drawing of 3D helical polylines and creation of a 3D entity between several cross sections

## AEC objects support

visualization of objects created with Architectural Desktop exported in DWG

## Google Earth™ Texture Exporting

publication of models and projects in Google Earth enabling materials

## ECW, Jpeg 2000 and SID raster formats

the standard wavelet compression formats optimized for aerial and satellite imagery, excellent for topography and land survey

## Annotative Objects <sup>new</sup>

The feature automates the sizing of annotations such as text, hatch and dimensions in multiple viewports with varying scales displayed at the correct size.

## Hatch

the new hatch dialog allows to define origin and order of hatch visualization, to create and edit (also trimming) separate hatches

## Arc Aligned Text <sup>new</sup>

The ARCTEXT command enables text alignment along an existing arc object. It is a very handy feature to add complex curved text in your drawings.

## Paste Special

allows to insert Tables by Cut & Paste from Excel, Open Office, Libre Office

## Spell Check

highlights and corrects spelling errors

## Raster

visualization, editing, clip and polygonal clip of raster images

## Raster to Vector conversion

progeCAD includes the WinTopo raster to vector tool

## progeCAD Xref Manager

a smart interface for external references management

## progeCAD Rendering

the advanced rendering module with multiple lights management and materials creation/editing. Reflection, mirror, transparency, smooth shadows, customizable size bitmap output

## Context Menu

the customizable right-click context menu for selected objects

## Advanced Data Extraction

an easy-to-use wizard for attributes and blocks data export

## Customization

progeCAD Professional can be customized through: LISP, SDS (C++), IRX (C++ similar to AutoCAD® ARX®). .NET, VBA, DIESEL and COM automation

