progeCAD 2026

The best **DWG CAD,** the proven AutoCAD® replacement

progeCAD, the 2D/3D DWG/DXF-native CAD platform offering seamless compatibility with **AutoCAD® DWG versions 2.5 – 2026**, is the perfect alternative CAD for any budget. progeCAD boasts the intuitive Classic/Ribbon Interface with familiar commands and perpetual licensing solutions. **progeCAD** is highly efficient comprising all the basic CAD functionality as well as many exclusive extra tools to facilitate the drafting process and drawings interchange, for instance, with Mechanical design (**STEP/IGES/SolidWorks** file formats support), **BIM (rvt/.rfa, IFC** file formats support), the **3D AEC Architectural module**, the **Raster Draw** toolset and **Dynamic Blocks** (Advanced Blocks).

progeSOFT

IntelliCAD Technology Consortium · **trace**parts Product Content Everywhere · IFC

WHAT'S NEW

Performance
- New engine, Intellicad 13.1.
- Updating drawings is up to **2x faster**.
- Opening dwg with 3D solids is up to **10x faster**.
- Regenerating drawings is up to 1.5x faster.
- View cube, and section planes several times faster.
- **Faster Hatch** and Boundary specification.
- AI Translator: significantly improved translation time (**up to 100x on large drawings**).
- Improved LISP performance.
- Improved mouse smoothness when working with grips.
- Improved BEDIT preview speed.
- Removed lag starting PAN movement.
- **Improved speed** dragging entities on commands MOVE, COPY, PASTE.

BIM Features
- Convert .rvt and .rfa files to .ifc files.
- IFC Validate command.
- Manage layers for .ifc underlays in the BIM Properties pane.

DataExtraction
The Extract Data command is completely refactored to improve performance. Scanning, sorting, and reporting from large data sets for data extraction is much faster.

Raster Draw (Raster Design® replacement)
The Raster Draw tools is a specific toolset to edit scanned drawings and convert raster images to DWG objects.
The package includes Image editing and cleanup, Vectorization tools, and Image transformation functionality.

Quick Calculator
The QuickCalc calculator includes geometric functions, unit conversions, and variables, in addition to the basic features found in scientific calculators.
This is an easier way to change object properties using calculations directly on the Properties pane.

Terrain profiles and contour lines
- **AUTOSEZ**: the support of 2D Polylines and 2D Splines as a model.
- New **AUTOCURVE**: generation of 2D polyline elevation contour lines from 3D DTM triangular faces.
- New **POINTTEXT**: insertion of the height (zeta coordinate text) of the selected points.
- New **TEXTPOINT**: drawing of points at the insertion point of selected texts with the zeta coordinates taken from the text string.
- New **POLYSEZ**: Creation of a terrain profile with elevations calculated along a multi-point section polyline.

ARTISAN Render Engine

This is a quick way to create realistic images of your models, using scenes, preset materials, light configurations and the possibility to add user lights and materials.

STEP-IGES-SOLIDWORKS IMPORT/EXPORT

Support for widely used STEP, IGES and SolidWorks files to exchange 2D/3D CAD data. progeCAD can also import/export Maya .RGT, Wavefront .OBJ and import 3D Studio .3DS and LightWave .LWO.

PDF to DWG Converter

The module allows to convert PDF files into editable DWG CAD drawings with layers support.
Lines, shapes, texts are editable with progeCAD like CAD original objects.

IMPORT BIM

Import/attach IFC and Autodesk® Revit® files (.rvt/.rfa, IFC). These file types contain building and construction data. Once the file is attached, you can explode it, snap to it and use the RVTPANE command to open the Categories pane for visibility control.

3D PDF Export

The 3D PDF conversion module to export DWG/DXF drawings to 3D PDF files. Creation of Adobe PDF standard files with embedded dynamic 3D content.

Rubber Sheeting

Aligns geographically two or more different data sets from different sources: for example, when stretching a new subdivision map into a preexisting parcel map.

3D and 2D Civil Features

Creation of TIN surfaces from Point Clouds - Topographic Sections - Slopes.

Surveying, GIS and Civil Features

Image Georeferencing - ECW, MrSID and Jpeg 2000 support - ESRI / SHAPE Import.

Image Georeferencing

Georeferencing is the process of scaling, rotating, translating and deskewing the image to match a particular size and position. Special for GIS!

Blocks Library Manager

progeCAD integrates the module for blocks management with more than 20.000 2D/3D ready-to-use blocks for architecture (interior/exterior), mechanics, steel profiles, IEC and ANSI electrical symbols, 3D furniture , hydraulic and pneumatic symbols.

Point Clouds

Point cloud files help the design process by providing real-world context where you can recreate the referenced objects. ReCap® CG, ISD, XYZ, PLY and LAS.

progeCAD Express Tools

The set of tools mainly grouped under the Express Tools menu which extend progeCAD functionality enabling the user to increase productivity.

Generative AI Drawing Translator

Text translator for drawings uses the translation engine by Google® Generative AI to translate all or part of your drawing into any language.

3D AEC Architectural Module

Compatible with AutoCAD®AEC Objects, allows you to draw 3D architectural elements with a two-dimensional view in plan.

Advanced Blocks (aka Dynamic Blocks)

Transparently convert Dynamic Blocks to Advanced Blocks. The block editor also allows you to create and edit Advanced Blocks using parameters, actions, and visibility states as with AutoCAD® Dynamic Blocks.

ARX API

The new API framework compatible with AutoCAD® ARX Classes which makes extremely easier the porting of AutoCAD® applications to progeCAD.

Geolocation with Bing Maps

You can insert geographic location information to a drawing file as a graphic background by specifying the location of a reference point on a map provided by the Bing Maps service.