



progeCAD 2027

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 – 2027, 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



WHAT'S NEW

Performance

progeCAD 2027 is built on the brand-new IntelliCAD 14.1 engine, with a completely refactored core and an advanced memory management system. The result: snappier interaction, faster regeneration, a significantly reduced memory footprint on large projects, and hundreds of bug fixes.

- **Spend less time waiting, more time drawing.** The commands you use hundreds of times a day are now substantially quicker:
- Up to 63% faster line creation when using entity snaps — snapping has been refactored from the ground up for stability and speed
- Up to 2× faster Copy command
- 30× faster Copy to Clipboard in typical scenarios
- 12× faster Break command
- Faster Move, View and Union operations, grip-stretching on large sets of overlapping lines, property changes (color, layer) when many entities are selected at once
- **Smarter memory management:**
- New Advanced Memory Management system
- High-Performance Windows CPU & GPU management

Flex License — move between PCs in seconds

Install progeCAD on every PC where it should be used (office, home, client site). Activate progeCAD where you need to work, switching online when you move.

DWG Compare - Spot every change, instantly

Highlights added, removed and modified objects between two DWG files. Critical for design reviews, revision control, client approvals.

ESRI ArcGIS basemaps integration

Five new Esri layers (OpenStreetMap, Imagery, Streets, Light/Dark Gray) alongside Bing Maps.

Upgrade in minutes — keep all your settings

New UI Migrate Tool moves your aliases, toolbars, profiles and customizations from progeCAD 2026.

Floating Drawing Windows

Drag any drawing to a second monitor. Work side-by-side on related layouts with independent navigation, no manual reconfiguration.

Full Visual LISP environment with debugger

VLISP command + IntelliCAD Lisp Debugger extension for VS Code. Loads AutoCAD®-compiled LISP applications (.vlx) and fast-load (.fas).

ADVANCED FEATURES

PERPETUAL LICENSE

NO ANNUAL FEE

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

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.

Raster Draw (Raster Design® replacement)

Edit scanned drawings and convert raster images to DWG objects with advanced image editing capabilities.

Surveying, GIS and Civil Features

Image Georeferencing - ECW, MrSID and Jpeg 2000 support - ESRI / SHAPE Import, Terrain profiles and contour lines. Creation of TIN surfaces from Point Clouds - Topographic Sections - Slopes.

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

Module for blocks management with more than 22.000 2D/3D ready-to-use blocks for architecture, mechanical, 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.

Advanced Blocks (aka Dynamic Blocks)

Transparently convert Dynamic Blocks to Advanced Blocks. The block editor also allows you to create and edit Advanced Blocks as with AutoCAD® Dynamic Blocks.

Quick Calculator

The QuickCalc calculator includes geometric functions, unit conversions, and variables, in addition to the basic features found in scientific calculators.

3D AEC Architectural Module

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

ARX API

The new API framework compatible with AutoCAD® ARX Classes which makes extremely easier the porting

Geolocation with Bing Maps and ESRI ArchGIS

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 and ESRI ArchGIS.