



Professional, familiar, DWG-based 2D & 3D CAD with AI-driven productivity tools

For design, modeling, and documentation of buildings,
engineering projects, and manufactured products.

BricsCAD® Pro is our flagship 2D and 3D CAD product, based on the standard DWG format. The Pro version features tools for 2D drafting and detailing, 3D parametric solid modeling, TIN surface creation, and point-cloud visualization.

Users can include partner apps as part of their workflows, and customize via APIs. As a powerful and extensible CAD platform, we build BricsCAD® BIM and BricsCAD® Mechanical from this base.

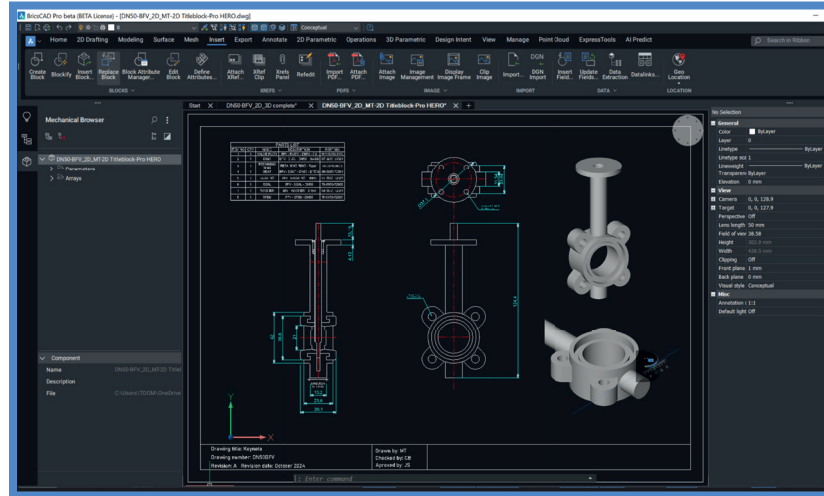
Professional performance

BricsCAD Pro offers AEC and manufacturing professionals extended capabilities for complex workflows beyond comprehensive 2D drafting and detailing functionality.

With 3D functionality, additional industry tools, and access to an extensive catalog of applications through our API, BricsCAD Pro delivers the high-performance capabilities required to optimize your specific design workflows.



Allows perpetual license owners to stay up-to-date
with all BricsCAD product releases.



With BricsCAD® Pro you can...

Document building designs

BricsCAD offers cost-effective and intelligent CAD solutions which allow architects and engineers to solve design problems faster and document designs easier, with familiar tools, apps and work environment.

Deliver 2D trade and shop drawings

Field and project engineers can upgrade their current DWG-based CAD to a familiar, yet more advanced and productive solution with intelligent AI tools. For users and businesses, our Pro version delivers faster performance at a lower cost of ownership.

Design manufacturing-facility layouts

Manufacturing engineers can optimize the layout of new production facilities or retool existing ones in 2D or 3D. Pro offers efficient and intelligent design tools, which allow users to place equipment and make modifications simply and easily.

Fast and easy access to survey data from Leica equipment

Surveyors can use the same data model in field data capture, in post-processing and in the CAD environment, greatly reducing the time and effort needed to produce a survey CAD deliverable

Create, manage and manipulate civil TIN surfaces

BricsCAD's best-in-class TIN surface tools enable creation, editing, manipulation and exporting of TIN surfaces. Share TIN surfaces with smart data referencing.

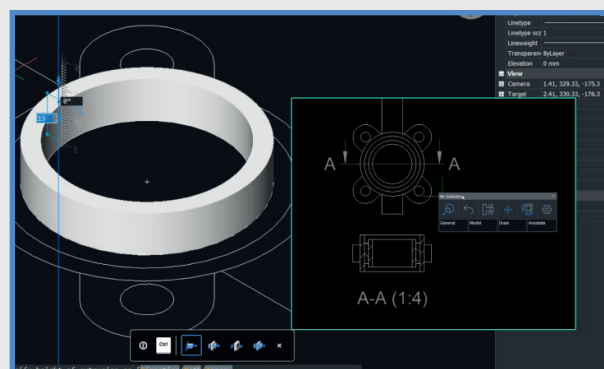
Extend your workflow

Choose from hundreds of high-quality, effective partner apps to best manage your specific industry workflows. Benefit from the expertise of our many knowledgeable partners to make your design processes as efficient as possible.

Smart Meets Easy

The heart of our development philosophy is the harmony between smart features and user-friendly functionality. Our CAD solutions are engineered with intelligent tools that accelerate the design process, are easy to use, and behave as expected.

BricsCAD® is a robust DWG-based CAD platform designed to ensure that our customers achieve high performance without compromising on cost-effectiveness or the flexibility of licensing options.



Unique to BricsCAD Enhanced New



Flexible licensing

BricsCAD customers can choose to buy maintained BricsCAD software as a subscription or perpetual licence. With shareable networked licensing you can purchase or subscribe to BricsCAD, enabling multiple users on the same network to access software licences for enhanced collaboration.



Expandable platform

Move from concept to creation with all the tools you need on one platform to design, build and manufacture. Users can leverage what they know from their legacy CAD product.



Third-party Apps

With powerful C++ and .NET APIs, BricsCAD Pro is highly compatible with the APIs of legacy-DWG products. These APIs also give corporate CAD developers the fastest path to move their applications to BricsCAD.



Parametric Blocks / PBLOCKASSIST

Parametric Blocks enable faster drawing creation, changes and reconfigurations by reusing geometry. Our block converter can also convert legacy-CAD Dynamic Blocks into native BricsCAD Parametric Blocks.



BLOCKIFY

Convert repeated geometry into blocks using BLOCKIFY. The command automatically creates a block definition and flags all matching sets of entities within your design, giving you the option to replace individual instances, or replace all automatically.



Point Clouds

Our Point Cloud tools support industry-standard formats, including Riegl, Z+F, and LGSx and HSPC. This assists users to navigate large files smoothly, while the intelligent filtering tools help users turn data into workable surfaces. Automatic point-cloud classifier is included with a manual override to supplement or replace classified objects in point clouds. Additional rendering settings are also included for enhanced visualization.



BricsCAD's AI-powered tools

Using AI in CAD software presents the opportunity to speed up the design process by enhancing the efficiency, accuracy, and overall quality of designs. CAD AI tools automate tedious tasks and optimize designs, and CAD programs like BricsCAD use AI to streamline the design process, giving you more time to focus on delivering high-quality designs!



Powerful LISP interpreter

Run LISP routines developed in other CAD applications or develop your own in the BricsCAD LISP Advanced Development Environment (BLADE).



In-Product Tutorials

BricsCAD includes a new series of in-product tutorials to help users learn about the unique and powerful features of our newest release.



DWGHEALTH for 2D & 3D imported data

BricsCAD's unique Drawing Health Management workflow includes functionality for creating reusable clean-up routines for 2D & 3D imported data, to maintain high performance in large drawings.



COPYGUIDED and MOVEGUIDED

COPYGUIDED and MOVEGUIDED automatically align selected entities to relevant geometry using machine-generated or user-selected guide curves for 2D and 3D data.



Civil and Survey Toolset

BricsCAD offers a range of civil design tools for creating and editing TIN surfaces, grading and alignments, and includes boundary trim and corridor editing. BricsCAD also enables you to manage and create GIS data in a familiar CAD environment.



Learn more at
bricsys.com/bricscad/v25