BricsCAD[®] Pro **V23**

Powerful, intuitive and interoperable 2D/3D CAD and modeling

For professionals in AEC, Civil and Manufacturing to design with productive accuracy and customized workflows



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

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

Professional performance

BricsCAD Pro is designed for AEC and manufacturing professionals with specific workflows requiring extended capability above the 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 required.

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.

Create preliminary civil corridor designs

Using BricsCAD Pro's alignment and corridor template tools, civil engineers can create preliminary corridor designs and models for linear objects such as roads, cycle paths and retaining walls.

Deliver 2D trade and shop drawings

Field and project engineers can upgrade their current DWGbased 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.

Develop civil TIN surfaces

With BricsCAD's advanced toolset, land surveyors can import and configure large point-clouds, and filter unnecessary points to quickly create the optimum workable TIN Surface as a basis for their design work.

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.

Discover the difference

How our customers create with their design software is central to the products we build. We develop CAD solutions with intuitive tools and commands for a better user and creative experience.

At the core of the BricsCAD products is a powerful and compatible CAD-based platform. We innovate to add and enhance features for productivity, with greater automation driven by AI and machine learning.



Own your software

Bricsys' customers can choose to buy BricsCAD with a perpetual license, helping to manage the cost of CAD software ownership.

CC Flexible Maintenance

The annual Maintenance subscription allows perpetual license owners to stay up-to-date with all BricsCAD product releases. Users also benefit from priority support from our expert team across the three latest versions.

Powerful LISP interpreter

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



BLOCKIFY (* A.L.)

Convert repeated geometry into blocks using BLOCKIFY. The command automatically creates a block definition and replaces all matching sets of entities with block references throughout your design.



Move from concept to creation with all the tools you need on one platform to design, build and manufacture. In this single DWG-format, businesses can leverage their people's skill-sets of 2D, 3D and modeling.



Point clouds

Our Point-cloud tools support industry-standard formats, including HSPC. This assists users to navigate large files smoothly, while the intelligent filtering tools help users turn data into workable surfaces.

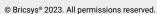


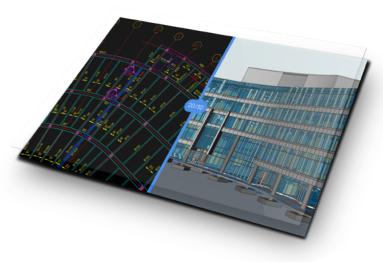
part of Hexagon

Bricsys, part of Hexagon, is the global technology company that creates the BricsCAD® family of computer aided design (CAD) products and the Bricsys® 24/7 project collaboration platform. We are relentlessly committed to the success of our customers by offering cost-effective, mission-critical CAD software with industry-leading product support.

Learn more at bricsys.com

Hexagon is a global leader in digital reality solutions. Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at hexagon.com and follow us @HexagonAB.







Network licenses

With BricsCAD's shareable networked licensing, you can purchase or subscribe to BricsCAD, and share your license across multiple users on the same network.

Third-party Apps

With powerful C++ and .NET APIs, BricsCAD Pro is highly compatible with the APIs of legacy-DWG products. This enables users to port in-house tools.



Parametric Blocks

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.



Civil engineering tools

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 is interoperable with civil 3D drawings and other GIS and mapping data.

COPYGUIDED and MOVEGUIDED

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