

The easiest path for CAD users to deliver BIM data

For AEC professionals needing to deliver 3D BIM assets from a 2D CAD software.

BricsCAD® BIM enriches the core 2D functionality of BricsCAD Pro with powerful and easy-to-use industry-specific BIM capabilities, making it the easiest way to upgrade your 2D workflows to participate in BIM projects. Our BricsCAD family of products for the building sector—Lite, Pro and BIM—form a single platform where users can move easily between 2D and 3D.

BricsCAD BIM is well-suited for small teams in the AEC industry who haven't yet made the move to BIM. It is a simple and lightweight solution for professionals who want to work with IFC files or who want to participate in a BIM workflow from within their already familiar CAD-software environment.

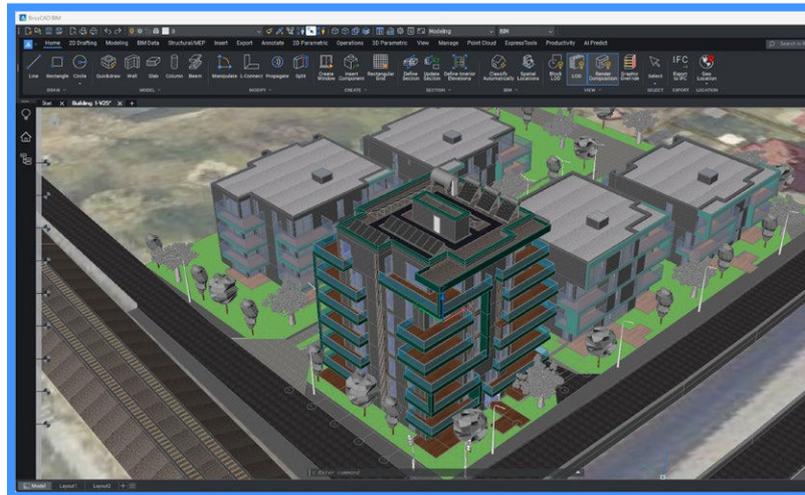
Easy and secure transition to BIM

Moving from CAD to more expensive and complex BIM software presents risks to small AEC businesses. A familiar interface, native DWG compatibility and lower hardware requirements make BricsCAD BIM the perfect solution for businesses who typically work in 2D but are being required to transition to BIM. BricsCAD BIM offers all the benefits of a BIM workflow without the additional overhead costs or losses to productivity.

With BricsCAD BIM, small AEC businesses can easily and effectively access the BIM tools their users need for AEC project collaborations. The capability to gradually add 3D geometry and BIM data within a familiar CAD environment removes the risks and disruptions associated with moving to any other traditional BIM software.

BricsCAD® Maintenance

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



With BricsCAD® BIM you can...

Work with IFC files

BricsCAD BIM allows users to continue working in their familiar 2D CAD environment while gaining the ability to participate in a BIM workflow. Users can import assets, manipulate geometry, edit object data and share their work with other stakeholders in the industry standard IFC format.

Scan-to-BIM

BricsCAD BIM allows for the viewing and processing of point-cloud data natively within the software. AI-driven tools assist in accurately and efficiently converting building scans to modeled elements and shareable outputs. Clients have successfully used these features for historic restorations and as-built quantification.

From design details to shop drawings

Quickly produce clear and accurate drawings using the several automation features built into BricsCAD BIM. Generating sections and elevations, creating multiple drawing views and laying out well-structured sheets can all be accomplished quickly without any customized scripting or third-party algorithms.

Model-based quantity takeoff

AEC professionals can develop their work in 2D and efficiently model it as 3D BIM geometry at a later stage. Once modelled as 3D BIM data, scheduling and specification is seamless and can be shared across the project team.

AI-driven detailing

AI features assist users in populating complex 3D details throughout an entire model, improving accuracy and speed while reducing errors and preventing oversights.

Flexibility to use 2D and 3D workflows

BricsCAD BIM users can work with agility in either a 2D drafting or a 3D modelling environment, selecting the most efficient workflow for their projects while reducing costs and maintaining margins.

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



Own your software

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



Network licenses

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



Collaborate freely

BricsCAD BIM supports global, open standards to ensure smooth collaboration with everyone on the extended design and build team, with 25+ file formats as standard. Users can also deliver information in proprietary file formats such as RFA and RVT.



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.



Scan-to-BIM

Minimise labour-intensive aspects of converting raw scan data into a workable model or 2D plan by automating the process as much as possible.



Dedicated building modeling tools

Intuitive BIM commands like BIMWALL, BIMBEAM, BIMROOF and BIMSLAB are easy to use from the familiar BricsCAD command prompt and user-interface.



Smarter and more agile workflows

Use CAD commands and BIM features interchangeably with some—like BLOCKIFY—being specifically created for a more agile workflow.



Work with IFC

Import only the IFC data needed for a project with the IFC Import dialog, which allows users to specify the building elements they need and exclude those they don't.



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.



Point Clouds

Our point cloud tools support industry-standard formats, including HSPC. Users can navigate easily with bubble views, classify scans right within BricsCAD BIM, and edit colour map settings for intuitive visualization of building elements.



AI-powered BIM tools

AI-guided features such as BIMIFY, AUTOMATCH and PROPOGATE are easy to use and assist experienced and new users alike in quickly producing sound and robust models.



Automated drawing health management

BricsCAD's unique DWGHEALTH tool includes functionality for creating reusable clean-up routines—such as the OVERKILL, PURGE and AUDIT commands—optimizing your CAD and BIM assets' performance.



Learn more at
bricsys.com/bricscad/v25