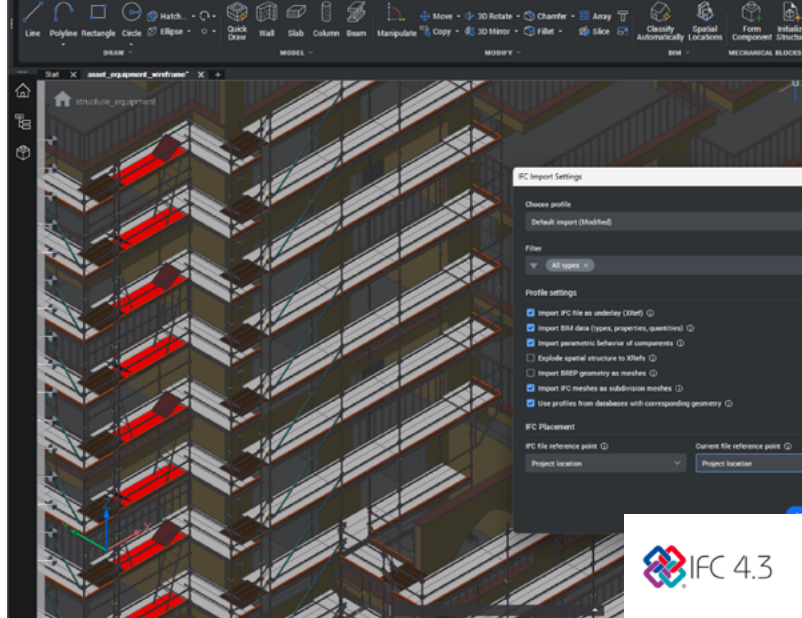


2D & 3D CAD for building modeling and documentation

BricsCAD® BIM is a DWG-based CAD platform with BIM capabilities, the easiest way to upgrade your 2D workflows to participate in BIM projects. This product level is ideal for subcontractors and surveyors.



The fastest path for low-risk transition to BIM

Compatible with industry-standard DWG

Access files from other CAD software without converting formats or losing fidelity.

Work with IFC files

Continue working in familiar 2D CAD environment while gaining the ability to participate in a BIM workflow. Import assets, manipulate geometry, edit object data and share work with other stakeholders in the industry-standard IFC format.

Scan-to-BIM

Convert scan data into a model or 2D plan, including orthographic image generation and auto-detection of lines from point clouds. Seamlessly go from scan data to classified BIM geometry with optimized tools.

From design details to shop drawings

Quickly produce clear and accurate drawings using automation features. Generate sections and elevations, create multiple drawing views, and lay out well-structured sheets quickly without any customized scripting or third-party algorithms.

Model-based quantification

From 3D geometry and BIM data, scheduling and specification is seamless and can be shared across the project team.

AI-driven detailing

AI features assist in duplicating complex 3D details throughout a model, improving accuracy and speed while reducing errors and preventing oversights.

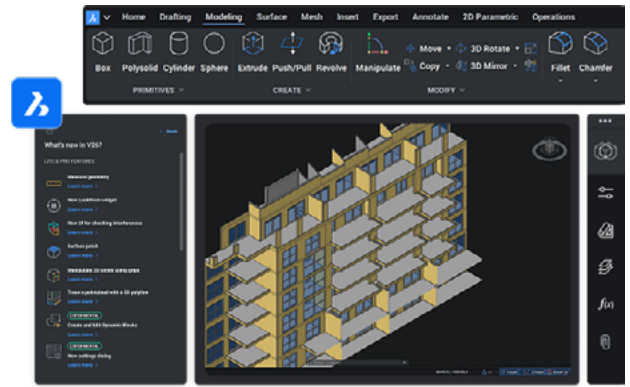
Flexibility to use 2D and 3D workflows

Work seamlessly in either a 2D drafting or a 3D modeling environment, selecting the most efficient workflow for any project demands.

Handle point cloud data natively

Display, color, classify, clip, measure, and extract features from a wide range of industry-standard point cloud formats, including E57, LAS, LAZ, and LGSx. No external pre-processing required.

New capabilities to accelerate the design-to-production process



● New
 ● Enhanced
 ■ Unique to BricsCAD

Location control during model federation ●

Match georeferenced locations across assets for absolute precision during model federation.

Reference geometry using IFC ●

Import IFC models as reference geometry, separated from the model's native geometry.

IFC4x3 support for classification and export ● ■

Classify entities according to the IFC4x3 classification structure. Export models to IFC4x3, for better alignment with plant and infrastructure projects.

Project collaboration with shared data ● ■

Work efficiently across users and teams with better access to shared project data, like spatial locations and compositions.

Industry-based project classification and alignment ● ■

Classify project data to be more closely aligned with industry standard classification schemas.

BIM blocks for building components ● ■

Match georeferenced locations across assets for absolute precision during model federation.

Auto-line detection and ortho image generation ●

Generate orthographic images and auto-detect lines from point clouds using a section plane for precise results.



ZenTek Consultants
Balancing business and technology



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