BricsCAD

The All-in-One Solution for General Design, BIM and Mechanical

Bricsys represents the future of the .dwg format, with comprehensive workflows for general design, mechanical design and BIM. Here's the best part – all of these workflows are available in one product, based on .dwg – the industry standard file format.

Use BricsCAD V18 to get your work done without pain – and, when you are ready, take advantage of the next generation of BIM and Direct Modeling tools - in the same product, using that common user interface. Saving your work into industry-standard .dwg files makes collaboration easy, and ensures that your designs are future-proof.

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In BricsCAD V18, more than ever, it's all about you

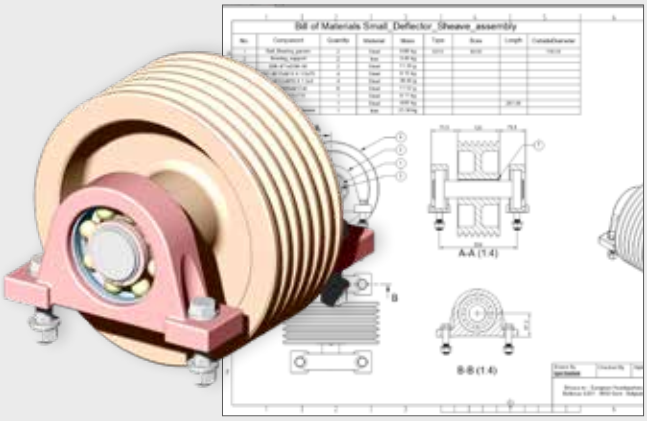
At Bricsys, we know that countless new features do not equal productivity. When you use a CAD tool, it's about your workflow; it's all about getting your designs documented so that you can bill for your work, build that building, machine those components or fabricate that assembly.

Familiar 2D & 3D Interface | **2D Drafting** | **3D Modeling** | **Intelligent Cursor** | **Cloud Connection** | **Third Party Applications**

BricsCAD will make you feel right at home from the very beginning

BricsCAD opens a whole new world for those who venture beyond the AutoCAD® horizon. More importantly, we're extending the .dwg format with the first fundamental change in .dwg technology in 35 years. Today, this repository-based design enables **blazingly fast drawing compares** with a unique visual merge feature. With BricsCAD, you own your perpetual "right to use" the software. And for students and academic institutions, it's completely free.

3D Direct Modeling



With BricsCAD, you get powerful and adaptive tools for 3D direct solid modeling using our geometric constraints solver. 3D direct modeling operations apply to all ACIS solid geometry, whether created in BricsCAD or imported. Need to work on a complex design? BricsCAD's direct editing capabilities preserve your 3D model's design intent, helping you to save both time and headaches.

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BricsCAD® BIM

The best design-centric BIM workflow just got better

BricsCAD BIM lets you focus on creativity. Start with simple, expressive design capture tools, and move to BIM on your schedule. Make your design decisions and let your computer do the tedious work for you.

BricsCAD BIM leverages advanced machine intelligence functions to simplify the process of creating a Building Information Model.

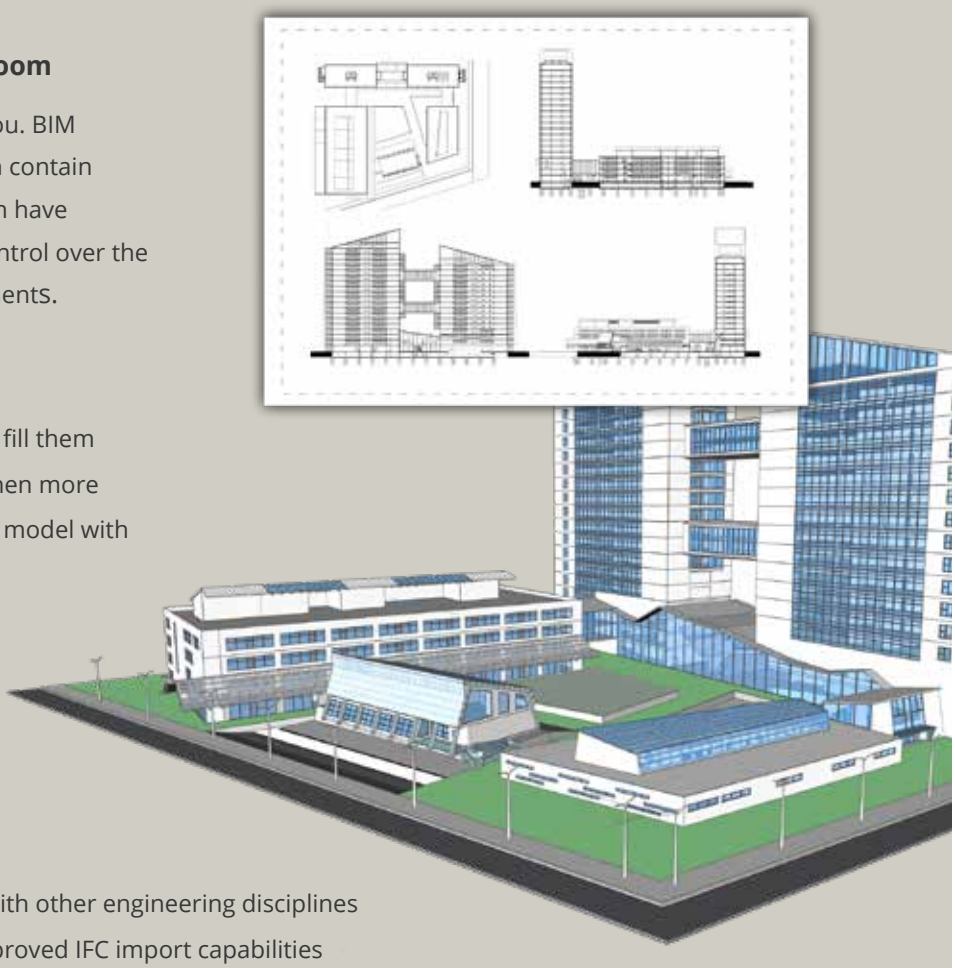
BricsCAD BIM will automatically classify BIM objects, including their spatial locations. Each room understands where it is located in a building, and knows its 3D boundaries. In V18, linear solids can be auto-classified as beams, pipes, ducts and more – laying the groundwork for structural and building mechanical applications.

Explore your model from site to room

BricsCAD BIM thinks logically, just like you. BIM models exists on a building site, and can contain one or more buildings. Each building can have multiple stories. You always have full control over the properties you assign to these BIM elements.

Easy Drawing Generation

Generate sheet sets in just seconds and fill them with elevation, section or plan views. When more detailling is needed, you can update the model with the help of detail sections.



Exchange via IFC

Check your BIM models with other engineering disciplines of the project. Greatly improved IFC import capabilities and data extraction tools speed communications across the entire BIM workflow.

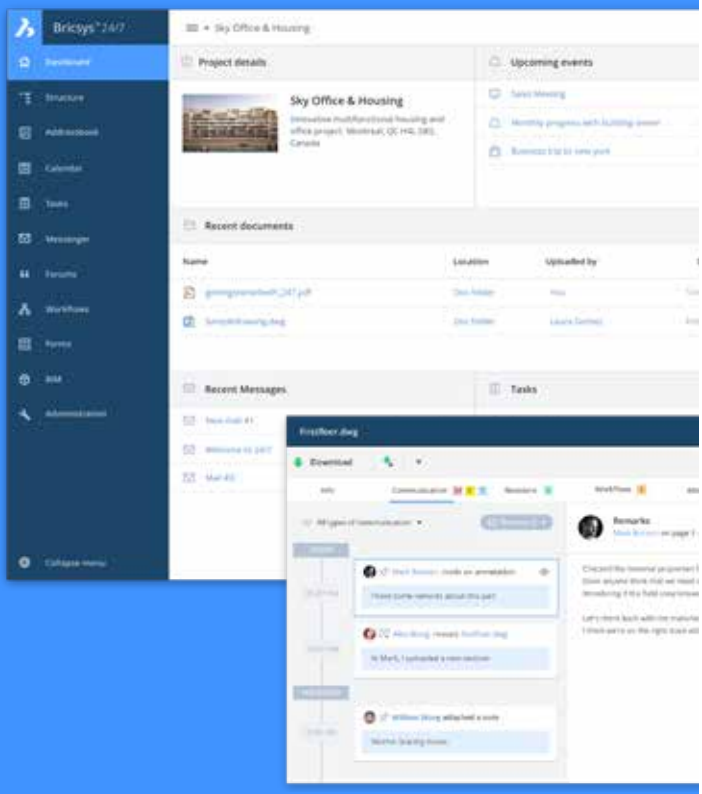
Bricsys® 24/7

Share, annotate, collaborate. 24/7

Bricsys 24/7 offers secure and easy project and document management. Access your documents from anywhere. Share them with your global teams. View them on any device. Collaborate on your project. Securely. 24/7. Bricsys 24/7 is based on an unlimited users / unlimited projects policy.

Collaborate in the cloud

Keep geometry and data on your desktop synchronized with a version in the cloud. Manage access rights for other project teams and share with them parts or the entire project. The most recent version is always immediately available.

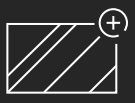


Bricsys 24/7's provides a cloud-based place for collecting, managing and sharing BIM data - and to be available, 24/7.

BIM cannot happen in a vacuum - it's about seamless movement of data and .dwg files in real-time. Through a direct connection built-in to BricsCAD® and BricsCAD BIM, Bricsys 24/7 will automatically manage the links between XREF files in your BIM. The model server manages all of the information that comprises a construction project. You can query, merge and filter your view of the project BIM based on your needs.

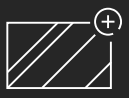
BricsCAD® Sheet Metal

Creating new sheet metal parts or reworking existing ones? BricsCAD is your best choice. It is free of conceptual mistakes of history-based MCAD software.

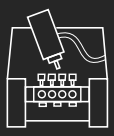


Import or create from scratch

Automatically unfold



Rework at any time



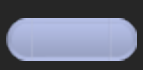
Export to CAM systems

Sheet Metal for BricsCAD lets designers import or **create, rework, unfold, and export sheet metal parts** using 3D direct modeling. This intuitive workflow gives your designers freedom from many of the conceptual mistakes that surface when using history-based MCAD modelers.

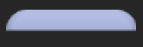
You will **never need to restart** your sheet metal designs from scratch because of modeling failures. Sheet Metal for BricsCAD guarantees the ultimate flexibility in how your models are created, modified, unfolded and re-folded.

Form features

Form features mimic the process when a forming tool deforms a piece of sheet metal. After the form is applied, you can edit it directly and parametrically. The form library contains most commonly used form features, such as bridge, louver, and emboss. You can import or create your own forms. You can search for similar form features and replace them with ones from your libraries.



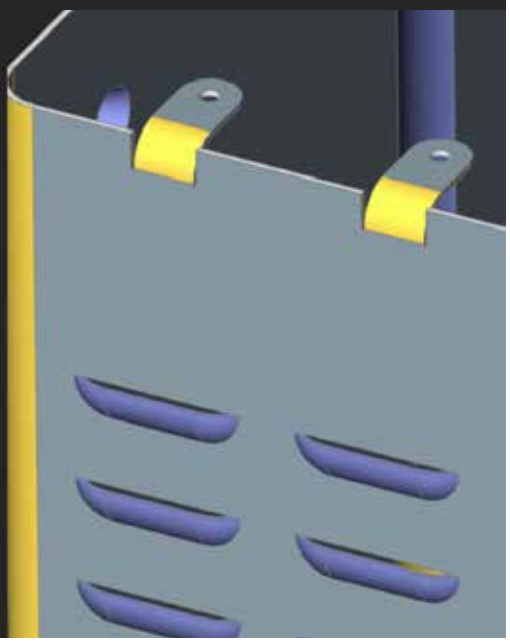
Linear Rib



Louver

Emboss

Emboss with hole



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BricsCAD®

BricsCAD comes in three editions

As a full-fledged 2D & 3D CAD software program, BricsCAD offers professionals one of the most advanced and intuitive drawing and modeling solutions out there. Available in three editions and open to third-party developers.

BricsCAD Classic

Cost-effective entry to CAD, focussing primarily on 2D.

- All familiar CAD functionalities
- Full LISP support (vl, vlr, vla and vlax)
- Bricsys 24/7 cloud connectivity
- Flexible licensing

BricsCAD Pro

BricsCAD Pro adds 3D Modeling, access to all programming tools and third party applications.

- All familiar CAD functionalities
- Full LISP, VBA, BRX & .NET support
- Bricsys 24/7 cloud connectivity
- Flexible licensing
- Direct 3D Modeling
- Rendering, materials and lighting
- Access to Third Party Applications

BricsCAD Platinum

Adds advanced features such as 3D Constraints and Assembly modeling. Platinum is required for the BricsCAD BIM and Sheet Metal modules.

- All familiar CAD functionalities
- Full LISP, VBA, BRX & .NET support
- Bricsys 24/7 cloud connectivity
- Flexible licensing
- Direct 3D Modeling
- Rendering, materials and lighting
- 3D constraint creation
- Design intent recognition
- Assembly modeling
- Deformable Modeling
- 3D Compare

BIM and Sheet Metal are not stand alone products, BricsCAD Platinum is required.

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