



## Welcome to BricsCAD®

The cost-effective, professional CAD platform for everyone who creates and edits .dwg drawings and models



No-compromise,  
professional  
CAD software



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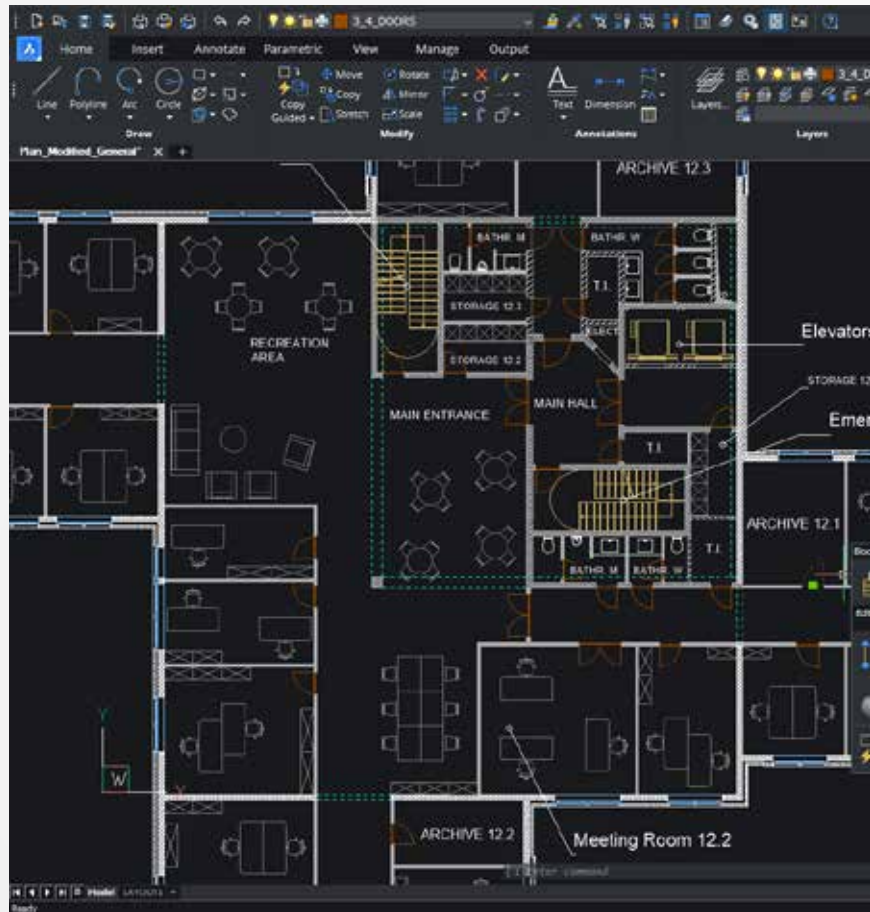
# Powerful and affordable 2D drafting software

For everyone who draws

## No Compromise CAD

BricsCAD provides the industry's most efficient and productive design and detailing solution. It's advanced capabilities help you increase productivity, reduce lead-times, and improve design quality.

BricsCAD is fully compatible with your current and familiar DWG-based workflows, data, and interface. Better still, with flexible licensing options it offers a significantly lower cost of ownership. In short, when you adopt BricsCAD, your team experiences the best in design and detailing with no compromises.



### Highly compatible

There's no need to change your printer setup, drawing templates, blocks or sheet set layouts to move to BricsCAD – they are all 100% compatible. BricsCAD is based on native DWG for the highest compatibility.



### Familiar interface

Leverage what you already know with full command script, macro and menu capability with AutoCAD.



### Use your Dynamic Blocks

You can use the Dynamic Blocks that you created in AutoCAD directly inside of BricsCAD. Control visibility states and stretch, flip, and rotate.



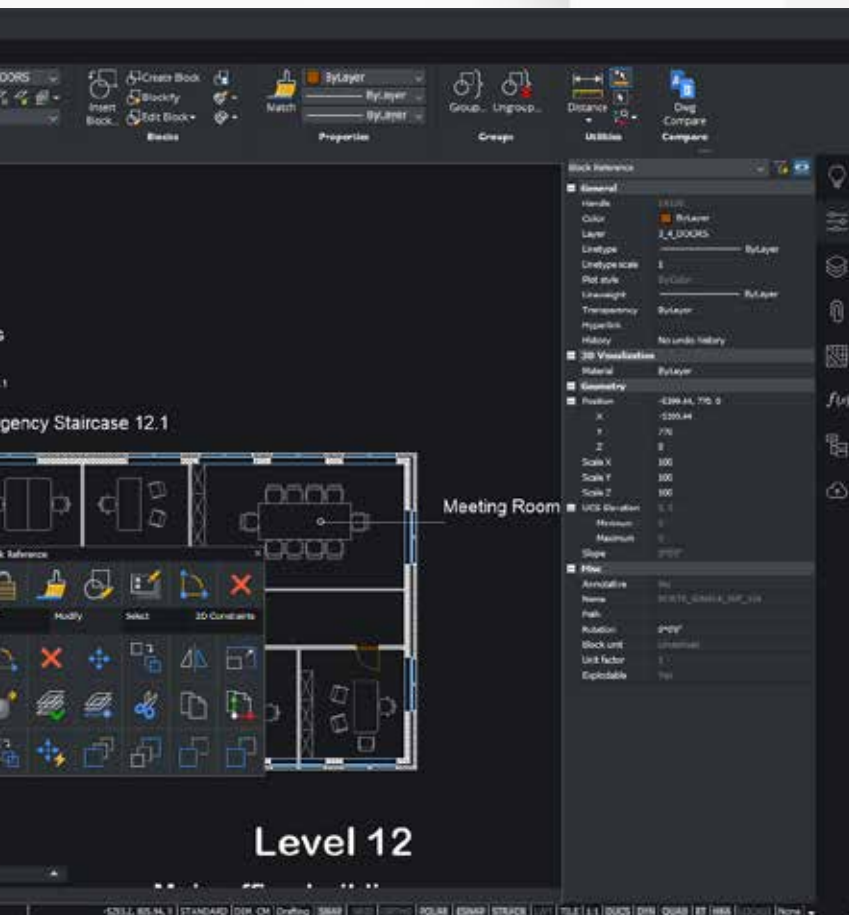
### Convert repeated geometry into blocks



Blockify automatically creates a block definition and replaces all matching sets of entities with block references throughout your entire drawing.



"BricsCAD is very fast and very stable. One of the things that we like about BricsCAD is that we can work with large files."



## Bricsys 24/7

### Integrated design data management

Download, view, and edit natively, with full tracking of DWG and XREF history. BricsCAD's built-in 24/7 panel gives you instant access to drawings and ensures you always have the latest version of a tracked file.

- Share files with your teammates
- Avoid file conflicts with check-in / check-out
- Always work on the latest file version

## Quad

BricsCAD's unique Quad palette predicts your command usage and offers one-click access to the command you'll need next.



### Nearest Distance

View the distance between any two entities, and move the second one by simply typing in a new distance value.



### Copy Guided

CopyGuided automatically aligns copied entities to relevant geometry using automatically generated guide curves.



### High performance

BricsCAD supports multi-threaded, multi-processor operations to speed product performance for file loads, drawing generation and rendering. And with the Redway3D graphics system, BricsCAD delivers great performance in both 2D and 3D operations.



### PDF & BigTIFF underlays

We use a multi-resolution, persistent image cache to display PDF underlays, enabling super-fast zoom and pan operations, even with enormous 64-bit BigTIFF files.

# Professional 2D drafting and 3D modeling software

For 2D and 3D users who need the power of 3rd-party applications

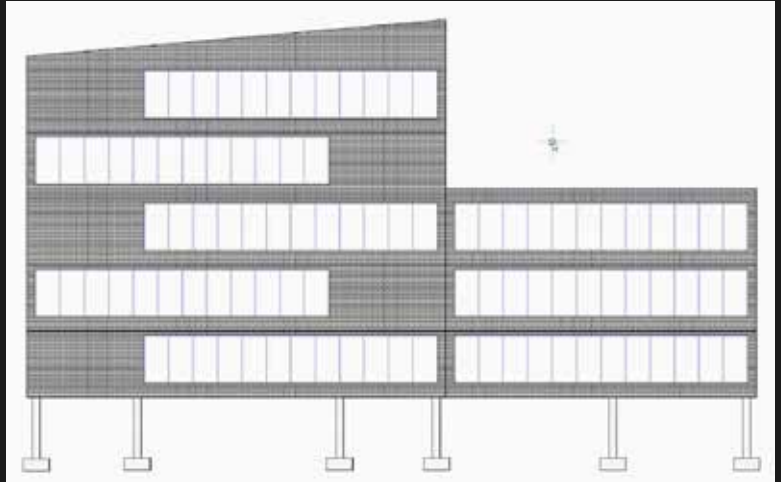
## Comprehensive 2D & 3D Tools

In addition to the comprehensive 2D drafting Tools that BricsCAD is known for, BricsCAD Pro includes our powerful 3D Direct Modeler. Start with 3D shapes, then push & pull faces or vertices to create your model. You can also sketch 2D profiles and extrude, sweep or revolve them into 3D solids.

## Familiar interface / menus

Leverage what you already know with full command, script, macro and menu compatibility with AutoCAD®

- Command compatible
- Menu (.CUI, .CUIX) compatible
- Macro/script compatible
- Support file (.PC3, .LIN, .PAT, .DWT, .SSM) compatible



### Parametric Blocks

Parametric blocks automate repetitive tasks by allowing users to create one block instead of lots of similar, separate block definitions.



### Drawing Optimization

Automatically amplify a messy drawing by dramatically reducing the number vertices, closing gaps, and reorienting skewed lines ensuring a much more valid and accurate design.



### Easy drawing generation

Automatically generate associative orthographic and standard isometric views of your 3D models, with full control over the layout and style of the views. Then, use the powerful detailing tools in BricsCAD to document your designs.



### Point Clouds

Point cloud visualization tools in BricsCAD® Pro support industry-standard point cloud formats, and let you navigate massive point clouds smoothly and quickly.

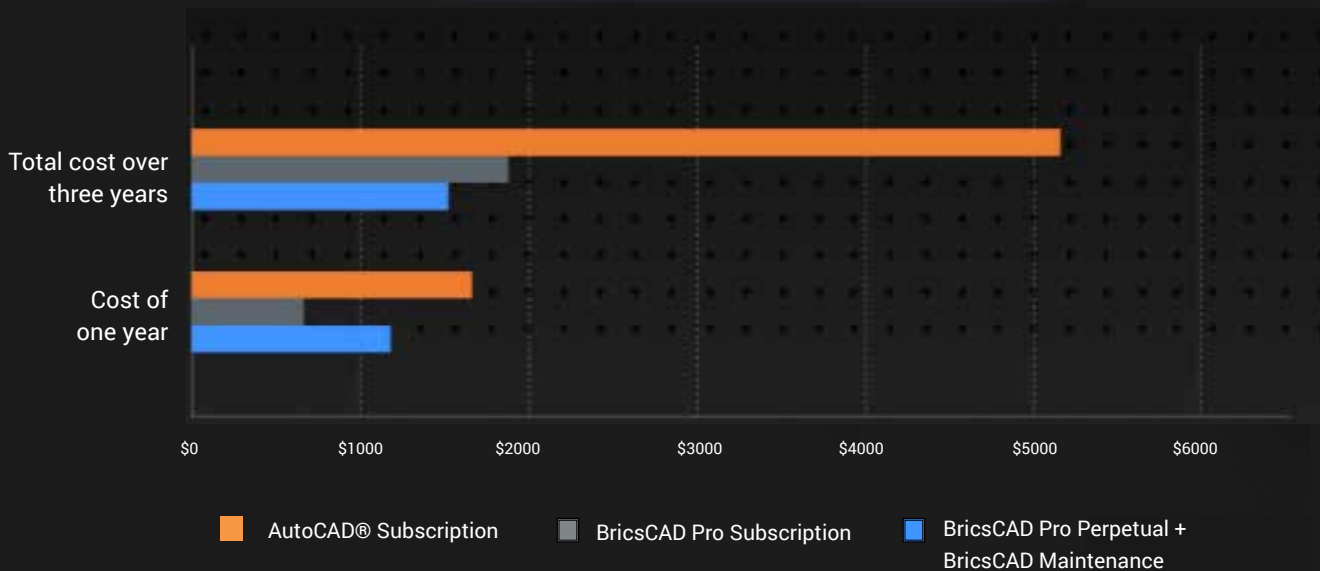


*"The volume of 3D modeling work is increasing every day and BricsCAD supports a smooth transition from 2D CAD to 3D CAD."*

**Masahiro Abe,**  
Production Engineering Division at Mazda

**- FACT -  
YOU SAVE WITH  
BRICSCAD**

Three years of BricsCAD costs less  
than one year of AutoCAD®



## **+** 3rd PARTY APPLICATIONS

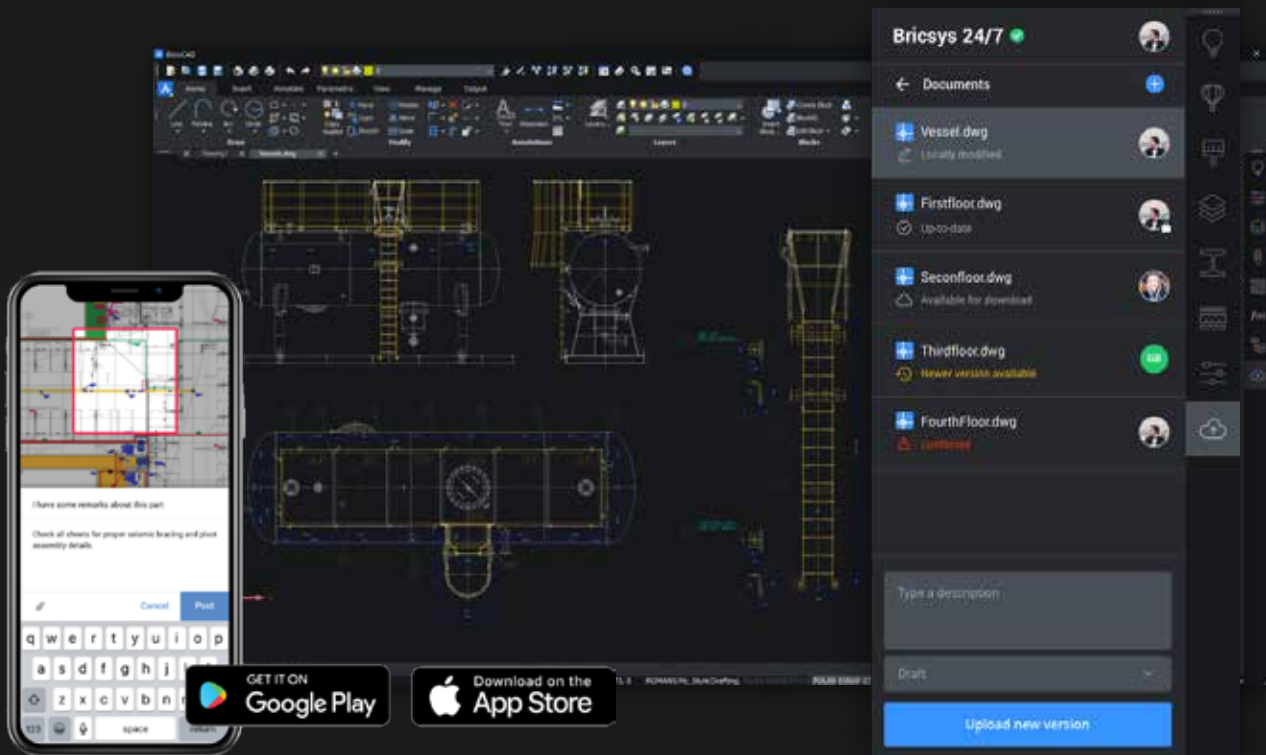
- HVAC
- GIS
- Structural
- Mechanical
- AEC
- Electrical
- + More

The BricsCAD Runtime eXtension (BRX) API enables top application developers to build industry-specific tools and workflows for BricsCAD. We offer over 400 third-party applications on the Bricsys Application Store to help users get their work done easier, faster and more accurately.



# Collaborate effectively in design, engineering and construction

Bricsys 24/7 is a cloud-based (SaaS) Common Data Environment (CDE) for document management and workflow automation. Bricsys 24/7 offers role-based security and unlimited users to help ensure that the right document is in the right hands at the right time.



## View Project Files

The viewer supports over 70+ document formats. You don't need to have the native software installed on your computer. Thanks to 24/7's unique streaming viewer technology you can view large CAD files and BIM models in seconds.

## Version History

Ensure that all users have access to the latest version of every document. Bricsys 24/7 keeps track of all file versions, and logs all changes, uploads and downloads.

## Manage Metadata

Document folders can be configured to request required metadata automatically on document upload. These data can be used to search and organize documents based on these metadata tags.