# Set up BricsCAD for AEC project scalability

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## BricsCAD V26.1: A Smarter Project Database for Real-World Distributed Workflows

Modern construction and manufacturing projects are no longer linear. Subcontractors juggle multiple projects simultaneously, while within a single project, design, fabrication, and site coordination often move in parallel. This reality demands one thing above all else: shared, reliable project data that stays in sync across teams.

In this newsletter, we introduce the new project database architecture (BSYSLIB)—designed specifically to support distributed, multi-user workflows without friction.

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## Why Project-Level Data Matters More Than Ever

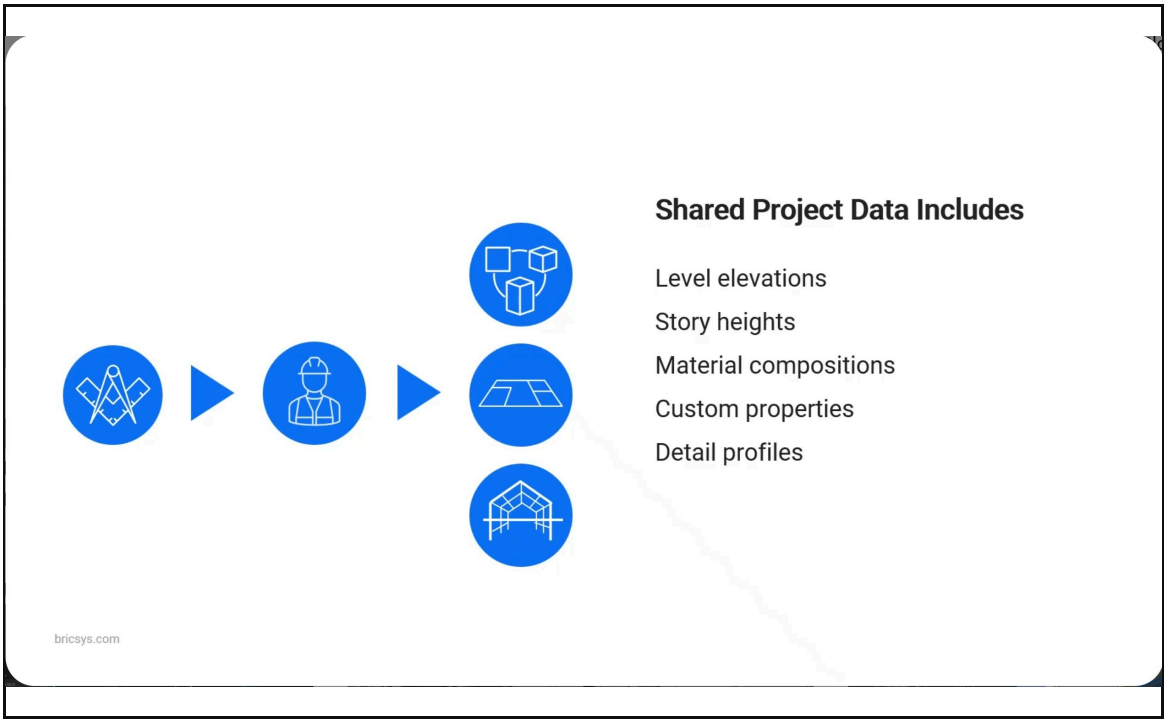
Subcontracted trades rely heavily on upstream design inputs. A simple example: when slab levels change, everything downstream changes with it—temporary works, attachments, fabrication details, and site assembly.

Key project data such as:

- Structural levels
- Wall and slab compositions
- Material definitions
- IFC classifications and custom properties

...must be available consistently across all drawings and all users.

BricsCAD V26.1 addresses this head-on.

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## What's New in BricsCAD v26.1 Project Management

With the enhanced BSYSLIB project database, BricsCAD introduces a collaboration model that actually matches how teams work:

- Each user works on a local copy of the project
- Project data is stored in a shared database
- On save, updates are instantly available to the entire team

If two users edit the same data simultaneously, BricsCAD:

- Keeps the most recent change
- Notifies the affected user, ensuring transparency

The result? Fewer conflicts, fewer surprises, and far fewer "whose file is this?" moments.

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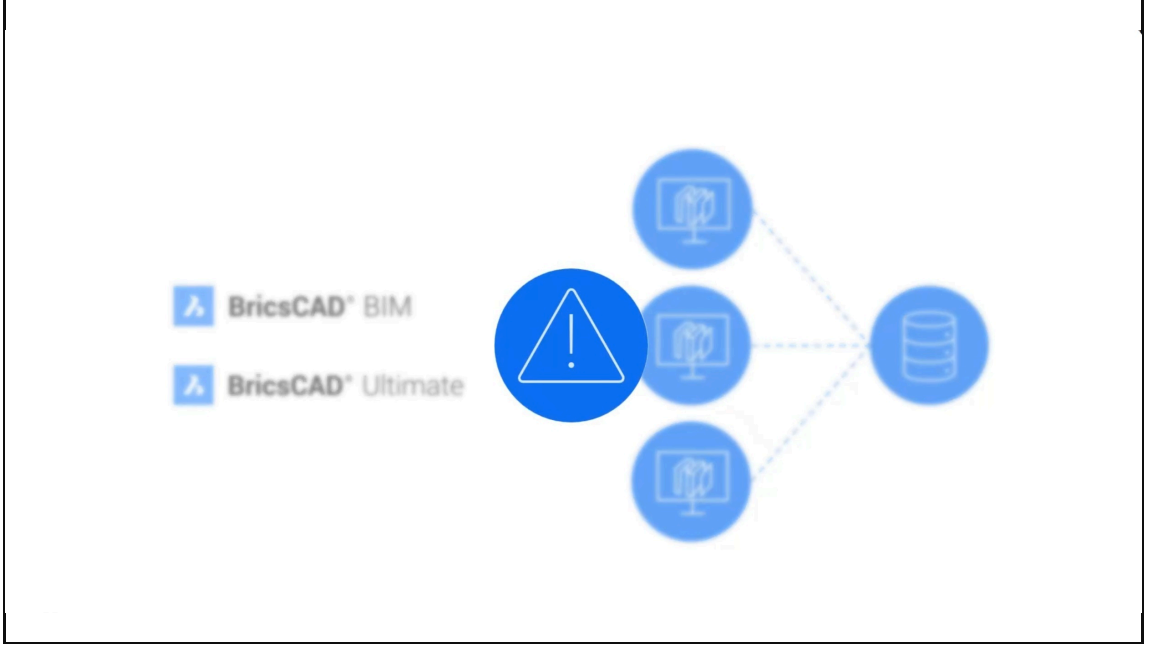
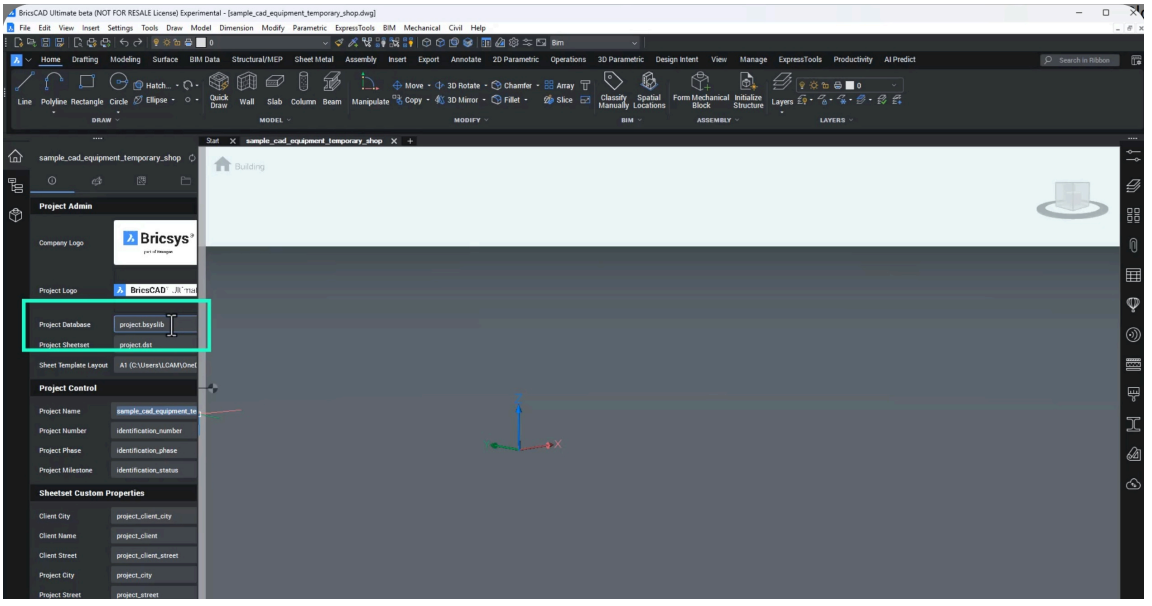



## Setting Up a BricsCAD Project (In Minutes, Not Days)

Creating a collaborative project in BricsCAD v26.1 is straightforward:

1. Start from a project template
1. Save the project to a shared team location
1. Open the BIM Project Browser to define:
    - Naming conventions
    - Sheet numbering
    - Named views
    - Project routines

From here, the BSYSLIB database becomes the backbone of collaboration.



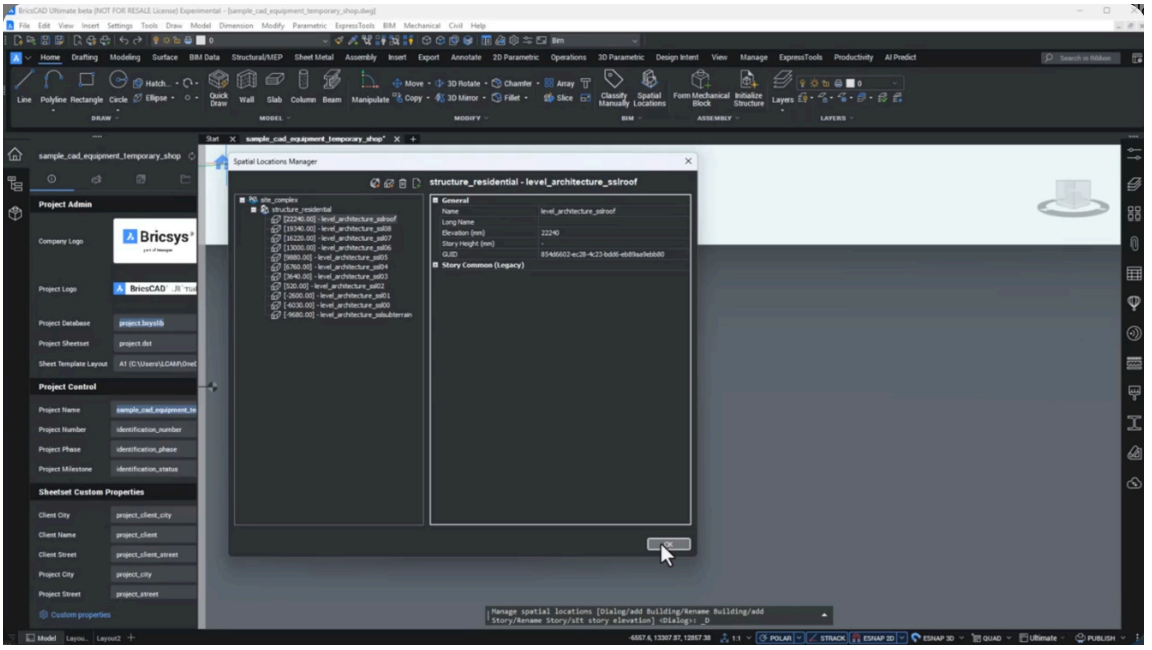
## Defining Spatial Structure and Building Intelligence

Using the Spatial Locations Manager, teams can define:

- Site
- Buildings
- Levels (stories)

These map directly to IFC Site, Building, and Building Storey, ensuring clean BIM alignment.

Story heights are calculated automatically once elevations are entered —less manual work, fewer errors.

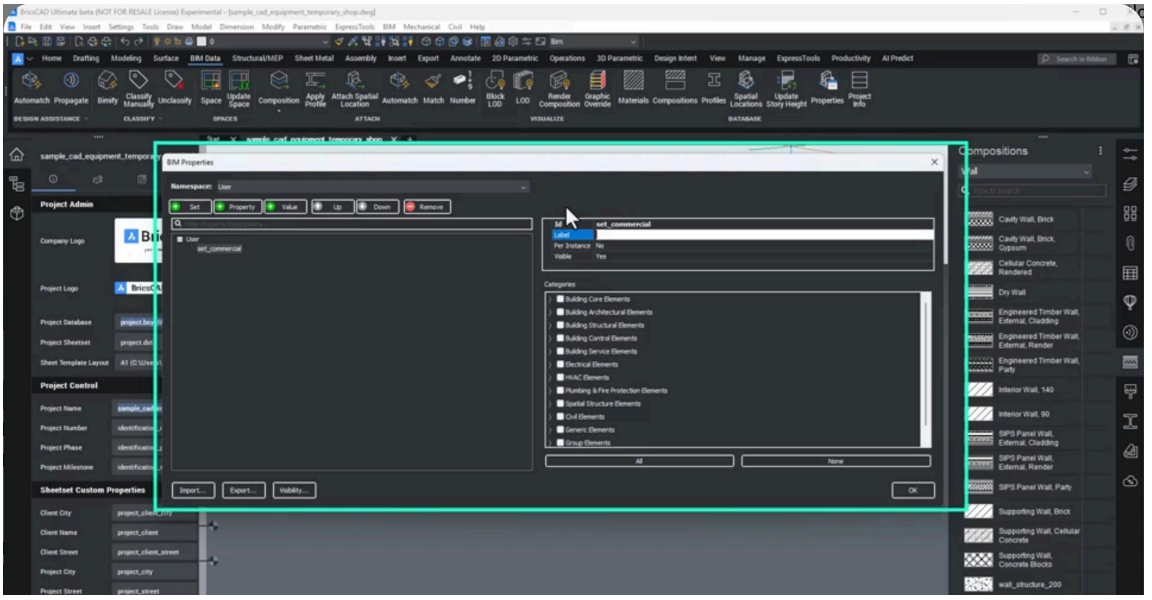



## Compositions and Custom Properties: One Source of Truth

BricsCAD V26.1 makes it easy to standardize building elements:

- Define compositions for beams, columns, slabs, and walls
- Assign plies, thicknesses, and materials
- Store everything in the project library, not scattered drawings

Custom project properties—such as project phase, staging, or procurement parameters—can also be added and shared across the team.



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## From Tender to Site: The Project Database in Action

The real power of the new project database becomes clear across the project lifecycle:

### Tender Phase

- Import IFC models from the design team
- Filter and extract only the data you need
- Build accurate technical proposals faster, with reduced risk

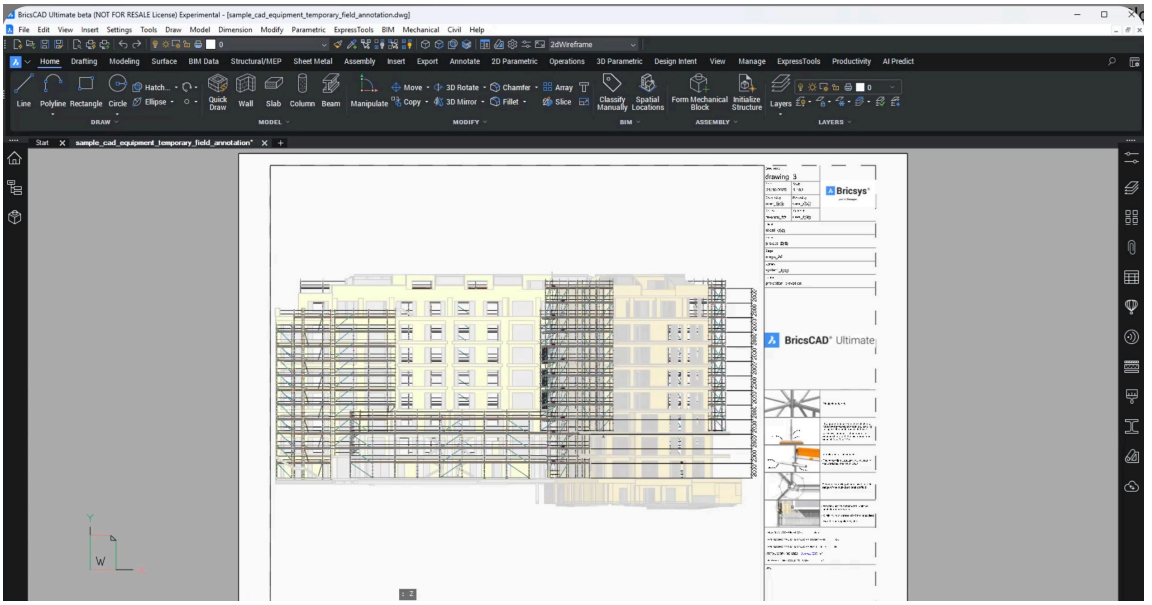
### Design & Fabrication

- One engineer defines equipment levels
- Another specifies wall types and constraints
- Project managers add procurement data
- All updates sync automatically via the database

### Site & As-Built Updates

- On-site conditions differ (as they always do)
- Wall types or levels are revised
- Saving once updates everyone’s drawings instantly

This ensures consistency, accuracy, and confidence—even when reality refuses to match the original design.

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## The Bottom Line

BricsCAD V26.1 empowers subcontractors to:

- Work confidently in distributed teams
- Maintain consistent project data
- Reduce errors and rework
- Deliver faster, higher-quality outcomes

From tender through fabrication and all the way to on-site assembly, the new BSYSLIB project database ensures everyone is always working from the same, up-to-date information.

This isn't just a "new feature."
It's BricsCAD quietly fixing one of the most painful realities of subcontractor workflows—data fragmentation across people, drawings, and stages. And it does so without turning collaboration into a science project.

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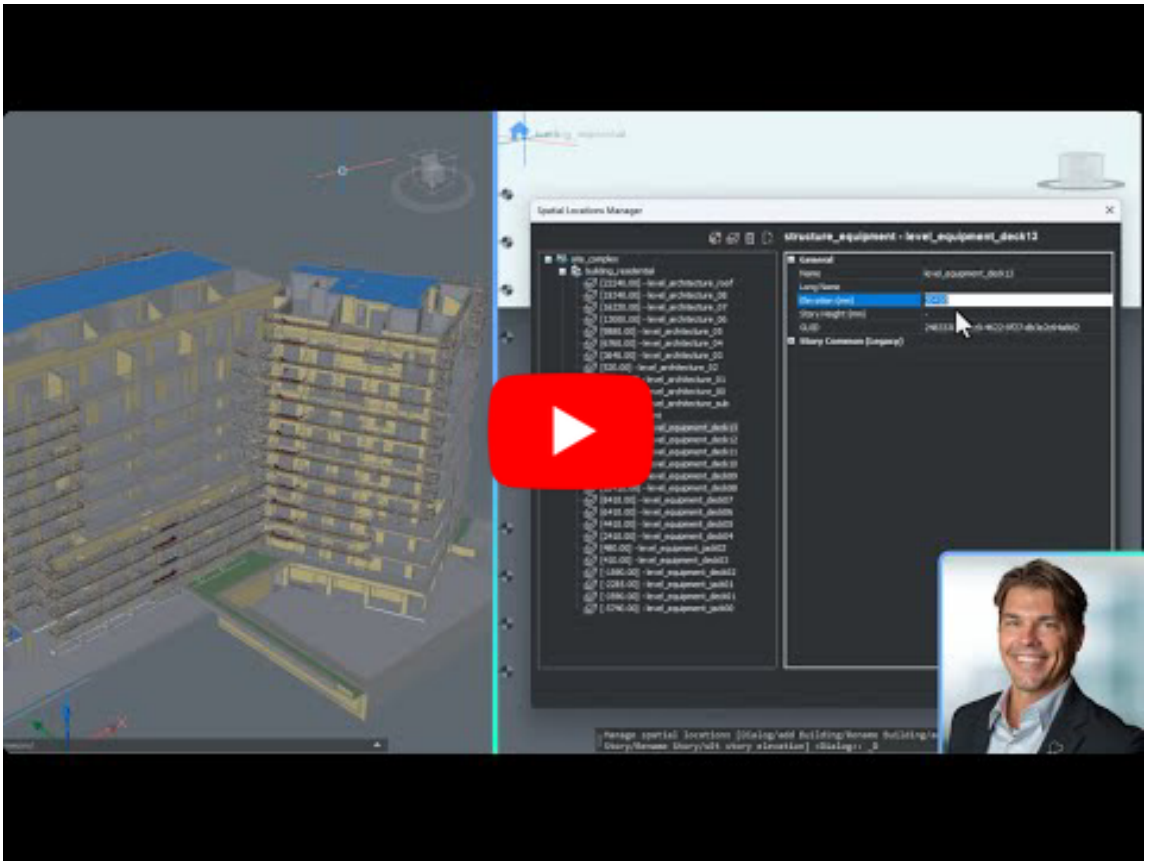

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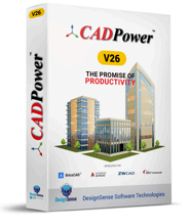


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