

# Level Yourself Up from CAD to BIM



## What is BIM?

Building information modeling, popularly known as BIM, is a 3D modeling and collaborative process that helps architecture, engineering, and construction professionals design, plan, and manage the construction lifecycle.

## Why Transition from CAD to BIM?

### Improve Collaboration

Different teams can work on the same model at the same time through interconnected files, leading to better communication.



### Enhance Design Efficiency

Use 3D modeling techniques and parametric intelligent objects to create models with geometries of different sizes and complexities.



### Save Time

Save significant time in documentation, granting you more time to focus on the production of creative and unique designs for the project.



### Minimize Design Errors

Easily detect and resolve clashes in the virtual model to avoid design errors that may otherwise lead to delays in the design process.



55%

Of BIM users experienced reduced time required for communication\*

61%

Of BIM users experienced a reduction in project errors\*

### Get Positive ROI

Team member efficiency reduces working time, rework, conflicts, waste, and delays, leading to more profit in the investment and positive returns.



### Achieve Competitive Advantage

Meet project timelines, build trust, and ensure customer loyalty that translates into client retention and continuity of business.



82%

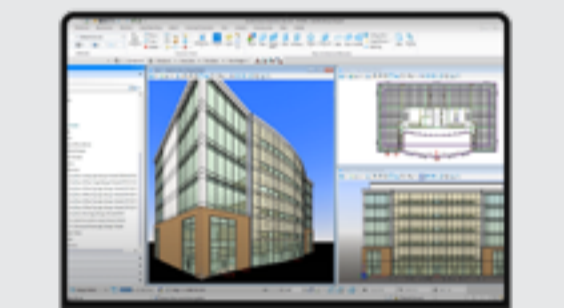
Of BIM users reported a positive return on investment\*

52%

Of BIM users experienced improved client satisfaction with greater project visibility and input\*

\*Source – Dodge Data and Analytics

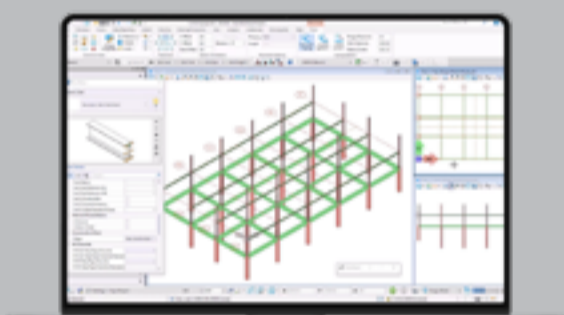
## Who Benefits?



Architectural Designers



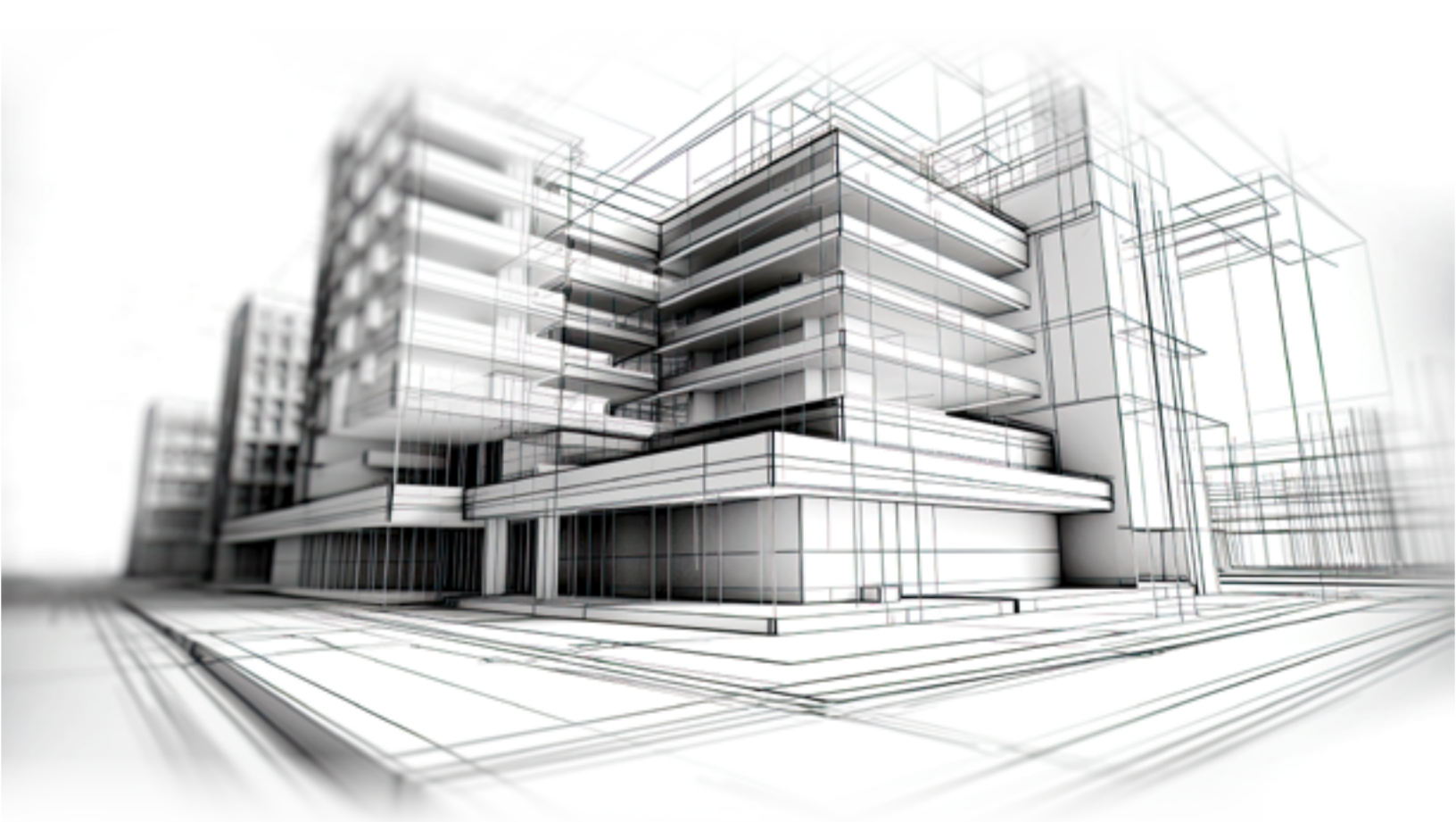
BIM Managers/Coordinators



Building Service Engineers

## Meet OpenBuildings® Designer

Built with critical business issues and requirements in mind, OpenBuildings Designer is a one-stop application that helps deliver well-designed and high-performing buildings with the added benefits of BIM.



### Multidiscipline

Increase collaboration among architects and mechanical, electrical, and structural engineers with a shared set of capabilities and workflows.

### Interoperability

Integrate information from multiple formats and easily work on projects of any size.

### Information-rich Deliverables

Clearly communicate design intent with reliable deliverables that you can easily customize.

### Unrestrictive Design Environment

Model any type of building with total freedom, from simple to highly complex geometry and designs.

### Building Performance

Simulate buildings and predict the real-world performance of the asset quickly and with precision to explore various options for iterative refinement.

### Flexible Pricing and 24x7 Support

Our small business pricing and an all-inclusive package of software, support, and training ensure that users are up and running in no time.

[Learn More About OpenBuildings Designer >](#)

**Bentley**

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