

DESIGNING SAFE, SUSTAINABLE,
AND DISTINCTIVE BUILDINGS

BEGINS WITH
OPENBUILDINGS™
DESIGNER



Image courtesy of SKA Consulting Engineers, Inc.

Bentley®

WELCOME TO THE **OPENBUILDINGS DESIGNER** **PRODUCT TOUR GUIDE**

This e-book provides a look at how **OpenBuildings Designer** software supports the evolving BIM requirements that help you **connect the data, people, workflows, and ideas** necessary to support today's complex building projects.



It also includes links to **VIDEOS** and **SUCCESS STORIES** that illustrate how the software addresses your critical business issues, such as collaborating across disciplines, ensuring design intent, and improving the deliverables for each project.

If you have questions, or need more information, please visit <https://www.bentley.com/openbuildings-designer/> or call our OpenBuildings specialist at **1 800 236 8539**.

SOLVE YOUR **CRITICAL BUSINESS ISSUES**

We understand that you are navigating through a very challenging and dynamic industry and need to be equipped with the right technologies that help you to **drive efficiencies** and **boost productivity** while also **enhancing your creativity and fun at work**.

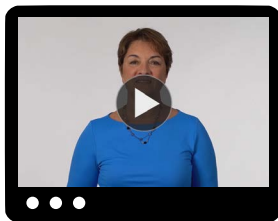
That's why we built **OpenBuildings Designer**, a comprehensive, multidiscipline building design application that enables BIM workflows to provide information-rich models for the design, analysis, simulation, and documentation of buildings.

The application provides you with the necessary workflows, toolsets, and flexibility to deal with real-life design scenarios on global building infrastructure projects. OpenBuildings Designer adapts to virtually any building design and is suitable for **commercial, industrial, educational, transportation, government, or religious buildings**, just to name a few.

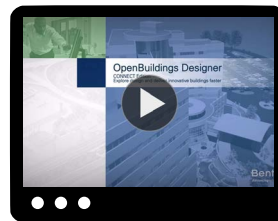
Are you ready to surpass client expectations by delivering error-free and safer designs on time and build a stellar reputation in the market by developing innovative and optimized structures that are distinctive, sustainable, and future ready?

Explore <https://www.bentley.com/openbuildings-designer/> and find out how.

LEARN MORE BY WATCHING THE VIDEOS BELOW >



YOU HAVE A BETTER CHOICE



**OPENBUILDINGS DESIGNER
OVERVIEW VIDEO**



**BUILDINGS AND
INFRASTRUCTURE PROJECTS
USING OPENBUILDINGS**

WITH **OPENBUILDINGS DESIGNER** CONNECT EDITION, YOU CAN:

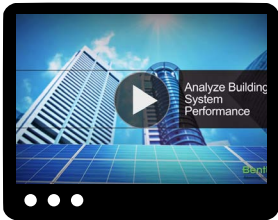
Control project costs and minimize financial risks.

Meet project timelines and enhance client satisfaction.

Ensure optimized, safe, and error-free project delivery.

Enhance creativity - stand out from competitors.

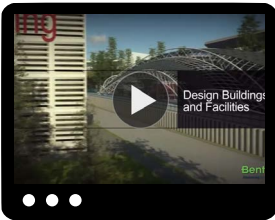
LEARN MORE BY WATCHING THE VIDEOS BELOW >



**ANALYZE BUILDING
SYSTEM PERFORMANCE**



**COLLABORATE ACROSS
MULTIDISCIPLINE TEAMS**



**DESIGN BUILDINGS
AND FACILITIES**



Image courtesy of AG5

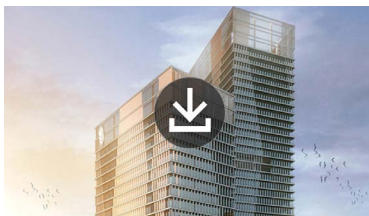


CONTROL PROJECT COSTS AND **MINIMIZE FINANCIAL RISKS**

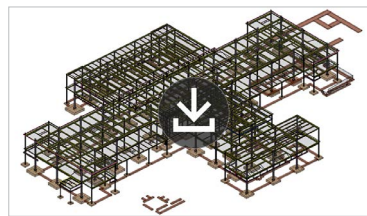
Building design firms like yours frequently have a multidiscipline team including architectural, mechanical, structural, and electrical engineers working across different locations on a single project. To **avoid rework** and to **minimize financial risks**, you need transparency of project details, an ability to easily communicate across teams, and the capability to integrate data of any size, type, or format. Here's how **OpenBuildings Designer** can help you to address these requirements:

- OpenBuildings Designer provides a federated data model that enables distributed teams of any size to work on models simultaneously, regardless of their geographic locations, thereby enabling integrated project delivery.
- The application delivers DGN file format and supports other third-party products, as well as multiple file formats like IFC, DWG/DWF, gbXML, SKP (SketchUp), and Rhino enabling seamless data aggregation from multiple sources.
- OpenBuildings Designer is a one-stop solution that eliminates the need for supercomputers, multiple applications, hardware accelerators, and complex manual document coordination procedures.

REAL-WORLD SUCCESS >



**AG5 USES OPENBUILDINGS
DESIGNER FOR
COMPREHENSIVE BUILDING
INFORMATION MODELING**



**FITZPATRICK ENGINEERING USES
BENTLEY'S BIM ADVANCEMENTS
FOR A STRUCTURAL
DESIGN PROJECT**



MEET PROJECT TIMELINES AND **ENHANCE CLIENT SATISFACTION**

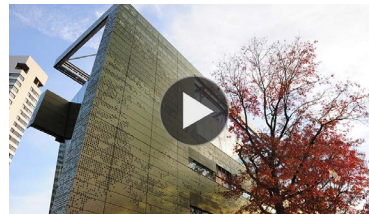
To navigate their way through today's competitive building design landscape, it has become imperative for design firms to satisfy the client and end-user needs and expectations. Here's how **OpenBuildings Designer** can help you **meet project timelines, build trust, and ensure customer loyalty** that translates into client retainment and continuity of business:

- OpenBuildings Designer drives collaboration by efficiently integrating architectural, mechanical, structural, and electrical design disciplines and practices so you can reduce errors.
- OpenBuildings Designer provides a federated data model that enables distributed teams of any size to work on models simultaneously, regardless of their geographic locations, thereby enabling integrated project delivery.
- The application helps users to produce lifelike visualizations and analyze models quickly, thereby enabling them to visualize results and resolve clashes at an early stage.

REAL-WORLD SUCCESS >



**ROBIN PARTINGTON & PARTNERS
IMPLEMENTS FEDERATED
BIM WORKFLOW TO DESIGN
WESTMINSTER BOROUGH'S
ICONIC TOWER**



**MORPHOSIS ARCHITECTS
EMBRACED BIM TO DESIGN
CORNELL TECH'S NEW
ACADEMIC HEADQUARTERS**



ENSURE OPTIMIZED, SAFE, AND **ERROR-FREE PROJECT DELIVERY**

Today, building design firms are only as good as their last mistake. So is their reputation. We understand that you are under tremendous pressure, like never before, to deliver optimized and error-free designs. Let us help you tackle the road ahead with **OpenBuildings Designer**. Here's how the product can help you safeguard your reputation and goodwill in the market by **enabling optimized and error-free project delivery**:

- OpenBuildings Designer's advanced capabilities provides total modeling freedom, regardless of geometry or project scale, to create virtually any form, size, and complexity.
- The application provides generative design modeling tools through integration with Bentley's GenerativeComponents® enabling design teams to immersively and rapidly explore a much wider range of design alternatives.
- OpenBuildings Designer helps users produce lifelike visualizations and analyze models quickly, thereby enabling them to visualize results and resolve clashes at an early stage.

REAL-WORLD SUCCESS >



**BUILDING STUDIO
USES BENTLEY SOFTWARE
TO DELIVER EXCEPTIONAL,
LARGE-SCALE PROJECTS**



ENHANCE CREATIVITY – **STANDOUT FROM COMPETITORS**

Stiffer competition in the building design services marketplace is here to stay and demands that you to expand your creative horizons to stand out from your contemporaries. Discover how **OpenBuildings Designer** can boost your creativity by providing an **unrestrictive design environment** and help you **build market differentiators** to secure more complex and innovative projects:

- OpenBuildings Designer's advanced capabilities provides total modeling freedom, regardless of geometry or project scale, to create virtually any form, size, and complexity.
- The application enables designers to efficiently produce reliable deliverables that consistently communicate design intent with the ability to create 2D documentation dynamically directly from, and embedded within, the 3D model.

REAL-WORLD SUCCESS >



**SIMPSONHAUGH AND
PARTNERS USES GENERATIVE
DESIGN TO SHAPE ONE
BLACKFRIARS TOWER CONCEPT**

OPENBUILDINGS DESIGNER

Built with your critical business issues and requirements in mind, OpenBuildings Designer is a one-stop application to design larger and complex projects while also ensuring optimized, error-free, and safe project delivery. Stand out from your competitors and surpass the expectations of your clients by taking advantage of our better commercial offerings, better technology, and better services.

Get started with OpenBuildings Designer today.

[TELL ME MORE >](#)

1-800-BENTLEY (1 800 236 8539)

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Image courtesy of Shanghai World Expo Construction & Development Co., Ltd.



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