BETTER SITE DESIGNS
BEGIN WITH OPENSITE® DESIGNER
WELCOME TO THE **OPENSITE DESIGNER**
PRODUCT TOUR GUIDE

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

It also includes links to more than 10 **VIDEOS** that illustrate how the software addresses your critical business issues, such as collaborating across disciplines, ensuring engineered design intent, and optimizing the designs and deliverables required for each project.

If you have questions, or need more information, please visit [www.bentley.com/OpenSiteDesigner](http://www.bentley.com/OpenSiteDesigner) or call 1 800 236 8539.
SOLVE YOUR CRITICAL BUSINESS ISSUES

OpenSite Designer CONNECT Edition was built with your critical business issues in mind. It’s a single application that handles a wide variety of complex tasks, such as rapid site modeling and analysis, earthwork optimization and quantification, drainage and underground utility design, automated project deliverables, and financial forecasting.

OpenSite Designer provides the necessary workflows, toolsets, and flexibility to deal with real-life design scenarios on global site development projects. The application provides the most comprehensive site design workflow available, including reality modeling, geotechnical, underground utilities, stormwater drainage, terrain modeling, detailed drawing production, and visualization.

Are you ready to rapidly model design intent, edit dynamically, ensure international standards, work in all disciplines, and continuously model as you design your project in one application? Learn how you can use OpenSite Designer to work in one composite model to provide a wide range of optimized designs and improved project deliverables.

EXPLORE MORE >

REALITY CONTEXT  DESIGN INTENT  MULTIPLE DISCIPLINES  ADAPT TO CHANGE  DELIVERABLES
WITH **OPENSITE DESIGNER CONNECT EDITION**, YOU CAN:

**Incorporate** real-world conditions into your virtual design environment for better decision making.

**Create** intelligent models with relationships and associations between elements to ensure design intent.

**Integrate** design data from multiple disciplines to improve collaboration, accuracy, and efficiency.

**Use** a federated model to dynamically update edits throughout the project workflow to easily adapt to change.

**Produce** project deliverables, such as plan production, models, and other data, needed for today’s requirements.
DESIGN IN **REALITY CONTEXT**

OpenSite Designer helps you effectively understand existing conditions. You can incorporate, analyze, and manipulate a wide range of data, such as **point clouds, reality meshes, photogrammetry, total station surveys, and terrain**. Quickly produce 3D models using "field collected" project information to enhance and improve engineering design decisions.

Utilizing a model that has captured real-world conditions will help you to better understand the site throughout the planning, design, construction, and operation of your infrastructure asset.

**LEARN MORE BY WATCHING THE VIDEOS BELOW ›**

- **REALITY MESHERS**
- **RASTER IMAGERY**
- **TERRAIN MODELS**
MODEL YOUR **DESIGN INTENT**

Model with design intent as OpenSite Designer offers new and innovative technology that captures, stores, and maintains how each design element is created. You’ll build design associations and relationships between elements, ensuring that the design always reflects engineering intent.

With OpenSite Designer, you’ll accelerate your design production and ensure that standards are implemented using innovative technology, such as parametric interactive modeling, dynamic relationships, and analytical optimization.

**LEARN MORE BY WATCHING THE VIDEOS BELOW ›**

SITE LAYOUT  
OPTIMIZE GRADING  
DRAINAGE
INTEGRATE MULTIPLE DISCIPLINES

OpenSite Designer allows you to see and use everyone else’s data within the confines of your own application. This true integration helps you analyze, model, and report on all project data within a singular model.

Whether you’re modeling refineries, hospitals, wastewater treatment plants, and schools, you need to use the same technology to create an integrated project model. By using OpenSite Designer’s open modeling environment, you can combine 3D project data from any source to enrich project understanding, make better engineering decisions, and reduce risk by minimizing errors and omissions prior to construction.

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3D VISUALIZATION

GEOTECHNICAL

BUILDINGS
ADAPT TO CHANGE

Change is constant in the design and production world. As a design professional, you need to easily, effectively, and dynamically manage design changes without project delays. That’s why designers and engineers turn to OpenSite Designer.

Using a model-centric approach, designs are dynamically updated throughout the model, guaranteeing that the current design is up to date and readily available for all team members. This approach not only removes the frustrating and tedious work for the designer, but also positively impacts your organization’s return on investment.

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CONCEPTUAL
DETAILED DESIGN
EARTHWORK GRADING
Construction drawings are no longer the only expected deliverable. Engineers and designers are now required to provide additional data, such as automated machine control guidance, 3D models, and other digital information. OpenSite Designer improves project deliverables by efficiently producing multiple optimized design options, as well as broadening the construction documentation and data that you can produce to meet project requirements.

OpenSite Designer automates the production of a complete array of design deliverables. Using design constraints, design-time visualization, dynamic annotation, and automated plan production based on the live model, you are assured that all project information is consistent and up to date.

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MODEL
PLANS
BIM
OpenSite Designer is a new product that employs an open modeling environment for the project delivery of site design projects from concept to completion. Get ahead of the competition with this innovative application that allows you to evaluate more information in the early stages of your project, allowing you to design more efficiently and make better decisions to minimize your land development costs.

See for yourself how you can rapidly deliver optimized designs at lower cost and less risk. Get started today!