OpenSite Designer CONNECT Edition Fact Sheet

Enterprise License Subscription Users

OpenSite Designer CONNECT Edition is a new application for civil site design industry that replaces the capabilities of the following applications in a single offering:

- Bentley PowerCivil
- GEOPAK Site
- GEOPAK Survey
- InRoads Site
- InRoads Site Suite
- InRoads Storm and Sanitary
- InRoads Survey
- PowerSurvey
- MXGRONDWERK
- MXGRONDWERK Addin
- MXSITE
- MXSUBDIV
- Bentley topoGRAPH
- Bentley topoGRAPH Projects
- Bentley Subsurface Utility Engineering

Language packs and regional kits will be delivered with the OpenSite Designer CONNECT Edition license.

What are the capabilities of OpenSite Designer CONNECT Edition?

OpenSite Designer CONNECT Edition is the successor to Bentley's design brands GEOPAK Site, GEOPAK Survey, InRoads Site, InRoads Site Suite, InRoads Storm and Sanitary, InRoads Survey, PowerSurvey, MXGRONDWERK, MXGRONDWERK Addin, MXSITE, MXSUBDIV, Bentley topoGRAPH, Bentley topoGRAPH Projects, Bentley Subsurface Utility Engineering. It is a comprehensive, multi-discipline 3D modeling application that advances the delivery of civil site projects from planning through performance.

OpenSite Designer blends traditional engineering workflows for plan, profile, and earthworks with 3D parametric modeling and earthwork optimization to enable the model-centric creation of all design deliverables.

OpenSite Designer handles a wide variety of complex tasks such as parking configurations, analysis earthwork financial risk, residential layout, handicap parking and accessibility, site development, sanitary and stormwater network design, and producing construction staking reports.

OpenSite Designer enables users to create intelligent geometrics and 3D models containing site information, terrain data, parking lots, building pads, driveways, sidewalk, parcel layout and related site features.

OpenSite Designer provides a comprehensive modeling environment and addresses all phases of project delivery. It provides a breadth of applications to meet the demands of each phase of the project lifecycle, including:

- Contextual Design. All detailed design in OpenSite Designer is driven by functional components, which inherently respond contextually to express appropriate design, annotation, and plan set display behaviors. Design models are expressed in multiple live views including plan, profile, and 3D. Changes in one view are live and dynamically update all views.

- Multi-discipline Support. OpenSite Designer integrates support for each discipline with specific user profiles dedicated to each discipline. Users can switch discipline perspectives, for instance from grading design to subsurface utility design.
- Reality Modeling Tools. OpenSite Designer includes a fully functional toolset to incorporate and edit reality modeling data types, including the capability to extract ground-level features from reality meshes and LiDAR, as well as to reference point clouds and imagery.
- Geotechnical Tools. Users can connect directly to gINT geotechnical databases to incorporate subsurface terrain details into
- their models for improving grading and piling. Subsurface terrains can be generated or modeled based on the bore hole materials and projected in road and drainage profiles, sections, and plans.
- Subsurface Utilities. Users can select from a large catalog of functional components for utility and drainage to model underground drainage and utility networks. Drainage models can be optimized for water flow using integrated water analysis capabilities, with results available in data tables or visually in a profile view.
- Rich Deliverables. An expanded set of deliverables range from traditional plan sets and animations to digital construction models—for automated machine control and field positioning systems for excavation, grading, and piling.
- Live Plan Generation. Plan generation no longer needs to be a separate process limited to a point in time, as settings and annotations are dynamically updated and live in the model. Views are saved with specific display rules and sheet index embedded, making it easy to navigate between the model and drawings. Up-to-date drawings can be generated automatically at any time, creating a natural and fluid design environment for both modeling and detailing.
- Enlivened Visualization. OpenSite Designer provides direct integration to LumenRT to produce cinematic visualization, adding vegetation, reflecting nature, and climate.

Designs created in OpenSite Designer benefit from BIM Review through Navigator, in the office, field, and at the site. Navigator enables not only visualization and review of 3D designs, but also status visibility—allowing dispersed teams to progress approvals and the resolution of issues.

A detailed functional overview is available online at OpenSite Designer.

When will OpenSite Designer CONNECT Edition be available?

Release April 2, 2019

What if I have one or more of the applications that OpenSite Designer CONNECT Edition is replacing?

To facilitate the migration of the applications above to OpenSite Designer CONNECT Edition, each subscription for one of these applications is being converted to an OpenSite Designer CONNECT Edition subscription at the next subscription renewal. The new OpenSite Designer CONNECT Edition subscription enables use of OpenSite Designer CONNECT Edition and each of the applications in your current agreement that OpenSite Designer CONNECT Edition is replacing. This continued entitlement lets you take advantage of significant new capabilities of OpenSite Designer CONNECT Edition, while providing the necessary flexibility to complete ongoing projects and plan your migration.

What changes should I expect with my Enterprise License Subscription (ELS) renewal?

OpenSite Designer CONNECT Edition is being added as an entitlement under an ELS.

To support your current projects, you are still able to use the applications that OpenSite Designer CONNECT Edition if replacing. ELS usage reporting for any of these applications is now based on the number of unique machines using these applications cumulatively in a calendar day across the enterprise. This usage is represented as OpenSite Designer CONNECT, replacing the individual usage counts of the identified applications.

Single-day Usage Scenario Example:

- Machine “A” used 1 GEOPAK Site, Machine “B” used PowerCivil, and Machine “C” used GEOPAK Survey. These usages will be reported as three instances of OpenSite Designer CONNECT Edition usage.

How can I plan a successful migration to OpenSite Designer CONNECT Edition?

A successful transition involves three steps:

1. An accurate assessment of your current processes and configuration
2. A thorough understanding of the benefits that OpenSite Designer CONNECT Edition delivers to your organization or project
3. A well-planned migration strategy

Bentley is ready to help you with these steps and make recommendations on how you can improve your design efficiency and project delivery processes by employing the new capabilities of OpenSite Designer.

What assistance is available for me to make a successful migration to OpenSite Designer?

There are several ways that we can help your organization in your migration. We recommend that you begin the process by speaking with your account manager or user advancement advocate to gain a complete understanding of the help that is available, including:

- Licensing and contract assistance (Bentley Subscription Renewals Team)
- Workflow studies, implementation planning, and migration services (Bentley User Advancement Team)
- Training programs (Bentley Institute)

Will my current workspace work with OpenSite Designer CONNECT Edition?

Your current workspace can be migrated to OpenSite Designer CONNECT Edition. To take full advantage of new and incremental OpenSite Designer CONNECT Edition functionality, existing workspaces will need to be upgraded with the new settings.

What are the hardware requirements for OpenSite Designer CONNECT Edition?

OpenSite Designer CONNECT Edition is a native 64-bit application that will operate on Windows 7 and higher. Hardware requirements are provided in the table below.

Operating System	Windows 10 (64-bit) Windows 8 and 8.1 (64-bit) Windows 7 (64-bit) Note: Windows 7 operating system is supported only if you have its service pack (SPI) installed. Bentley does not support its software running on Microsoft operating systems versions that Microsoft has "retired". For more information see Microsoft's application retirement policy and the Bentley Application Support Lifecycle.
Processor	Intel® or AMD® processor 1.0 GHz or greater. OpenSite Designer is not supported on a CPU that does not support SELECT Series 2.
Memory	8 GB minimum 16 GB recommended. More memory generally improves performance, particularly when working with larger models.
Hard Disk	9 GB free disk space (which includes the 5.6 GB install footprint for a complete installation)
Video	See the graphics card manufacturer for the latest information on DirectX drivers. 1024 MB of video RAM or higher is recommended. If insufficient video RAM or no graphics card supported by DirectX can be found, OpenSite Designer attempts to use software emulation. For optimal performance, graphics display color depth should be set to 24-bit or higher. When using a color depth setting of 16-bit, some inconsistencies will be noted.
Resolution	1600 x 1200 or higher

Is MicroStation required as a platform for OpenSite Designer CONNECT Edition?

No, OpenSite Designer CONNECT Edition is a stand-alone application built on the same platform as MicroStation. It does not require MicroStation as a prerequisite.

Will my data be preserved?

Yes, DGN remains as the core format. You will be able to import and export data to and from OpenSite Designer to GEOPAK Site, GEOPAK Survey, InRoads Site, InRoads Site Suite, InRoads Storm and Sanitary, InRoads Survey, PowerSurvey, MXGRONDWERK, MXGRONDWERK Addin, MXSITE, MXSUBDIV, Bentley topoGRAPH, Bentley topoGRAPH Projects, Bentley Subsurface Utility Engineering. As is the case with new software of any type, if you take advantage of new capabilities that have no counterpart in previous versions of your applications, you will not be able to export the associated data from OpenSite Designer for use in these applications.

Will I still be able to use my legacy preference files (DDB, XIN, PSS etc.) with OpenSite Designer?

You will be provided with utilities that directly convert your legacy preference files for use in OpenSite Designer.

Am I able to run previous versions of GEOPAK Site, GEOPAK Survey, InRoads Site, InRoads Site Suite, InRoads Storm and Sanitary, InRoads Survey, PowerSurvey, MXGRONDWERK, MXGRONDWERK Addin, MXSITE, MXSUBDIV, Bentley topoGRAPH, Bentley topoGRAPH Projects, Bentley Subsurface Utility Engineering and OpenSite Designer on the same machine?

Yes.

Will my legacy functionality (plan view labelers, legal description writers, etc.) be available in OpenSite Designer?

OpenSite Designer CONNECT Edition is a new application. We have updated many of its workflows to enhance your productivity and your user experience. Some toolsets have updated and improved alternatives.

What should I do if I have additional questions on OpenSite Designer capabilities, training, and migration plans?

Please contact us through this form.

What should I do if I have additional questions on my OpenSite Designer subscription renewal?

Please contact your subscription renewals representative

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Advancing Infrastructure

For more information **visit www.bentley.com**