



ProjectWise® Scenario Services

Optioneering Software

Find the Best Performing Design Options

By enabling you to rapidly analyze a wide range of design alternatives, ProjectWise Scenario Services enables you to discover the best performing options, rather than just using analysis in the traditional way to validate a handful of options. By leveraging the power of cloud services, you can analyze and clearly understand the relative performance of the alternatives to narrow the set of options to explore further.

Integrated Modeling and Documentation Workflows

The CONNECT Edition provides a common environment for comprehensive project delivery and connects users, projects, and your enterprise. With the CONNECT Edition, you now have a personal portal to access learning, communities, and project information. You can also share personal files including i-models and PDFs directly from your desktop with other users, or stage them for easy access from a Bentley mobile app, such as Structural Navigator. With the new project portal, your project teams can review project details and status, and gain visibility into project performance. With the CONNECT Edition, your project team may also wish

to take advantage of the new ProjectWise Connection Services including Project Performance Dashboards and Issues Resolution Services.

Well-defined Design Space

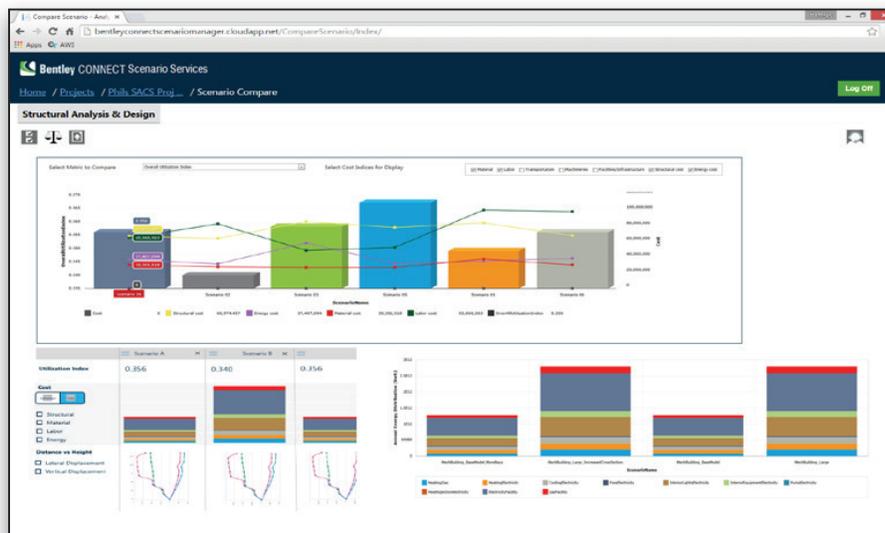
You can clearly define the solution set you want to explore and then use ProjectWise Scenario Service's scenario definition tools to focus your exploration on that range of alternatives.

Exploration of More Alternatives

Once your solution set is clearly defined, you can leverage the power of ProjectWise Scenario Services and the Microsoft Azure cloud to accelerate parallel analysis of a large number of models of virtually any size covering a wide range of design parameters, while automatically eliminating processing time spent on underperforming options.

Identification of Best Performing Designs

Once analysis is complete, you can clearly understand the relative performance of all the scenarios across your entire solution set with textual and graphical presentation of relative performance indicators. These comparisons can span multiple disciplines and multiple version of analysis products, including products such as STAAD® and SACS. Bentley plans to add support for many more of its analysis products.



You can view graphical comparisons of the best performing options.

System Requirements

The only system requirements for ProjectWise Scenario Services is access to the Internet to upload models and download results and whatever system requirements you have for the Bentley analysis product being used (i.e. STAAD or SACS). Users are also required to create a CONNECT profile.

Find out about Bentley at: www.bentley.com

Contact Bentley

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Global Office Listings

www.bentley.com/contact

“As a consultant providing specialty analytical support and services to the SACS community, we are finding our clients considering more design scenarios and tackling larger and more complex projects, such as floating platforms and offshore wind farms, that require a vast array of analysis and design simulations. ProjectWise Scenario Services will help SACS users dramatically speed up the design/analysis cycles, reduce the need to upgrade hardware and analysis servers and provide flexibility as computing resource requirements fluctuate over the course of projects.”

— Gavin Fury, FuryConsult, LLC

ProjectWise Scenario Services Capabilities

Define Scenarios

Conduct controlled, systematic investigation of design alternatives with the ability to intuitively and visually manage complex sets of analysis inputs. Includes tools to define scenarios, simulation services being employed, level of computational power employed, and the range of variants to be explored.

Monitor Scenario Progress

Achieve optimal use of computing capacity by being able to monitor and control cloud analysis services in real time through easily accessible scenario dashboards.

Run Scenarios

Greatly reduce the compute time required for engineering analysis by being able to leverage nearly unlimited computing power with services that leverage the Microsoft Azure cloud

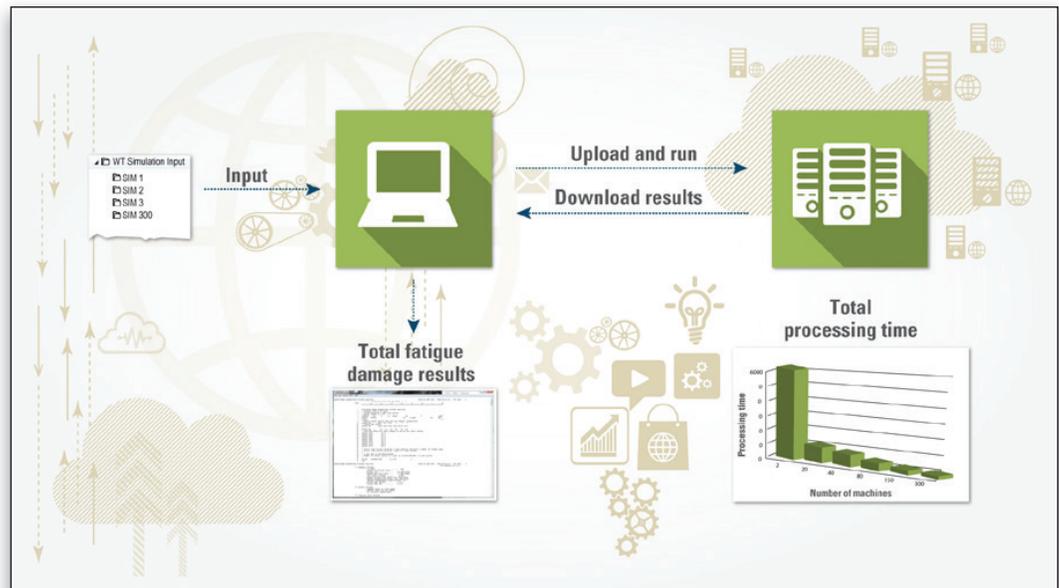
for processing the analysis of any number of model variants for one or more disciplines.

Compare Scenario Performance

Increase your understanding of design problems and their optimal solutions by being able to more quickly converge on a preferred design alternative with tools to graphically display interactive comparisons of performance indicators. Provides the ability to download results for detailed post-processing.

Perform Quality Assurance Testing

Speed the adoption of new technology with confidence that new versions of analysis software provide the same results as previous versions. Perform quality assurance faster and with precision thanks to tools that run automated results comparisons across versions of STAAD and SACS.



Meet deadlines by using as much computing power as you need to complete complex analyses quickly.