



**Product News Alert**

Press Contact:

Gail McGrew

+1 610 458 2752

[gail.mcgrew@bentley.com](mailto:gail.mcgrew@bentley.com)

Follow us on Twitter

**Brand:** OpenPlant

**Product Line:** Plant Design

**Products:** OpenPlant Modeler, OpenPlant Isometrics Manager

**Availability:** General Access, Available Now

Oct. 31, 2016

## **OpenPlant Streamlines Project Delivery by Enabling Plant, Building, and Structural Designers to Coordinate Work More Effectively**

Bentley Systems announces new innovations for OpenPlant that enhance coordination across plant, building, and structural design disciplines. Engineering, procurement, and construction (EPC) contractors and owner-operators around the world are embracing multi-discipline 3D plant design to deliver projects faster and to enable lifecycle information mobility.

OpenPlant now enables plant, building, and structural designers to reduce errors and save time through enhanced integration with ProStructures and AECOSim Building Designer. Structural components such as beams and columns can now be integrated into the 3D piping model, including their material makeup, to create a more detailed plant design. Users also have the ability to exchange steel and concrete objects between OpenPlant Modeler and ProStructures, as well as with other structural applications, with new support for Bentley's Integrated Structural Modeling (ISM) technology.

OpenPlant Modeler gives designers the ability to quickly create common grid line definitions that are available for distribution across plant, building, and structural applications, eliminating

rework. Grid lines defined in OpenPlant Modeler are available for sharing with OpenPlant Isometrics Manager to support the fast and accurate generation of isometric deliverables.

Key new capabilities include:

- Improved drawing layout with better dimensioning and label positioning;
- Automatic splitting of isometrics into multiple sheets based on different criteria;
- Support for custom components created in OpenPlant Modeler.

Greg Short, principal process engineer at Tetra Tech, said, “Using OpenPlant Isometrics Manager to auto generate the piping isometrics reduced the time it would have taken to move labels around to make the Isometric clearer to read. Tetra Tech reduced its isometric generation time from three hours to one hour per isometric. With over 1,500 isometrics, this saved the client USD 250,000.”

Visvaldas Šavelskis, vice-president, energy division of SWECO Lietuva, said, “Bentley’s plant design products and integrated workflow allow us to stay at the edge of the competition, meeting the challenging schedules, while fitting within the budget.”

Santanu Das, senior vice president, design modeling, Bentley Systems, said, “Effective multi-discipline plant design coordination has never been so important with so many projects employing globally distributed teams. We are pleased that OpenPlant users around the world are addressing this need while driving down costs and increasing accuracy on their projects. OpenPlant’s ability to quickly and easily integrate building and structural design into a single plant model for the entire project advances collaboration to enable faster project delivery.”

### **About OpenPlant**

OpenPlant provides advancements for multi-discipline engineering of plants. It is widely adopted by leading plant EPCs and owner-operators as a practical and scalable solution to comprehensively support project delivery. Through its use of iRING/ISO 15926 as an intrinsic data model, OpenPlant enables users to coordinate and share information across multiple disciplines and the infrastructure lifecycle.

### **Download Related Images:**

- [Image 1](#)  
**Image 1 Caption:** Through integration with ProStructures, OpenPlant Modeler users can now create and exchange steel and concrete components for detailed plant designs. Image Attribution: Image courtesy of Bentley Systems
- [Image 2](#)  
**Image 2 Caption:** Users can quickly define common grid lines across OpenPlant Modeler and AECOSim Building Designer and share them with OpenPlant Isometrics Manager. Image Attribution: Image courtesy of Bentley Systems