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Trimble Introduces Three Enhanced Tekla Software Solutions for More Efficient Construction Workflows

New Software Versions Improve Construction Project Workflows through Better Usability, Efficient Drawing Production and Enhanced Collaboration

SUNNYVALE, Calif., March 16, 2016 /PRNewswire/ -- Trimble (NASDAQ: TRMB) introduced today three new software versions of its Building Information Modeling (BIM) and analysis & design solutions for engineering and construction—Tekla Structures 2016, Tekla Structural Designer 2016 and Tekla Tedds 2016. The solutions provide enhanced collaboration and workflow efficiency for structural steel and precast concrete designers, detailers and fabricators, concrete contractors, general contractors and structural engineers.

Tekla Structures 2016: New User Interface and Advanced Information Utilization

Tekla Structures, the most advanced BIM software, makes accurate, constructible modeling of any steel or concrete structure possible. The new software version provides even more efficient modeling, allowing increased productivity by avoiding costly errors more easily in the fabrication and construction phases. The software is available and supported in 17 languages; Korean is also now available with this release.

The new Tekla Structures user interface offers a smooth user experience and shorter learning curve with several features that make modeling easier and accelerate the design process. The customizable menus and easily recognizable icons allow users to save time, improving modeling efficiency, while the consistent colors help them immediately spot what they are looking for in the models.

The new version also introduces more efficient utilization of model information. Finding possible flaws during the design phase when they are simpler to fix compared to rework on the construction site can bring savings. Creating repetitive fabrication information, such as concrete covers for precast elements, can be automated for increased productivity.

With Tekla Structures 2016, collaboration has become easier and more reliable with its advanced functionalities such as Industry Foundation Classes (IFC) file change management. When another discipline working on the construction project makes changes, Tekla Structures users can now see what has changed in the IFC reference model.

In addition, visualization and traceability improvements in Tekla Model Sharing leverage collaboration through sophisticated change management. The tool allows team members to work on the same model from any location or time zone to deliver projects faster and with more flexibility. The changes list allows for filtering and searching for specific ones.

"Many of the new features and improvements have been developed to address our customers' requests. For example, drawing production is faster with functionality improvements and a 2D library that allows users to pick details for their drawings from a collection of ready-made 2D details, such as bolts, instead of drawing them. Reusing customer-specific 2D details saves even more time," said Risto Räty, general manager of Trimble Buildings Structures Division.

Tekla Structural Designer 2016: Enhanced Collaboration

Tekla Structural Designer 2016 is an engineering tool for analyzing and designing buildings efficiently. The new version features major performance enhancements in both modeling and processing time when analyzing and designing structures, and can now easily handle even larger and more demanding models.

The software release expands its seismic design capabilities with additional structural design and detailing checks for concrete structures to U.S. codes, enabling use in higher classified earthquake regions. Designing pad and strip foundations to a range of international codes within the same model environment is now possible. The new version also allows design of steel and concrete buildings to Indian codes.

Tekla Structural Designer 2016 joins open BIM workflows with IFC compatibility, enabling smoother processes and reduces manual work. The users can share and review their designs with other project disciplines even at a very early stage of the Design-Build-Operate (DBO) workflow.

Tekla Tedds 2016: New Options and More Flexibility

The new version of Tekla Tedds, a solution for automating repetitive structural calculations, has been enhanced by providing additional features requested by its users. New options bring more flexibility and choices for the analysis and design of retaining walls, foundations and steel and concrete beams to both the U.S. building codes and Eurocodes.

The comprehensive calculations make work easy and fast, enabling users to avoid human errors when working with load combinations. Document templates that can be matched to company standards including custom layouts and logos save time and improve presentation.

Availability

Tekla Structures 2016, Tekla Structural Designer 2016 and Tekla Tedds 2016 are available now. To download, visit:

Tekla Structures: http://www.teklastructures.com
Tekla Structural Designer: http://url.tekla.com/TeklaStructuralDesigner2016DownloadNow
Tekla Tedds: http://url.tekla.com/TeklaTedds2016DownloadNow

For more Information on Tekla software, visit: www.tekla.com. Tekla Corporation transitioned to the Trimble brand in January 2016. More information about rebranding is available at: www.tekla.com/evolution.

Images: Tekla Structures press images

About Trimble Buildings

Trimble's Tekla software are solutions within the portfolio of Trimble Buildings, a part of Trimble's Engineering and Construction segment focused on solutions that optimize the complete Design-Build-Operate (DBO) lifecycle of buildings. Trimble is dedicated to transforming the industry—increasing productivity, reducing waste and optimizing schedules, budgets and real estate portfolios—with powerful solutions that streamline communication and collaboration. These targeted solutions enable architects, engineers, contractors, owners and occupiers to realize greater agility, efficiency and insight. Used in over 150 countries around the world, Trimble Buildings' solutions are transforming the way the world designs, builds and operates infrastructure and buildings.

For more information visit: buildings.trimble.com.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location—including surveying, construction, agriculture, fleet and asset management, and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics, Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: www.trimble.com.

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