



## **Vico Software and Trimble to Integrate Workflows and Use Building Information Models to Construct Better Buildings**

### **Integrated Solution Allows Contractors to Transfer the Accuracy of BIM to the Final Construction Implementation**

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Trimble (Nasdaq: TRMB) and Vico Software, Inc. today announced the workflow integration of the Vico 5D Virtual Construction (TM) Suite and Trimble construction layout solutions. Now, contractors can create Building Information Models (BIM) in Vico's Virtual Construction software, export the data directly to the Trimble field layout solution and use the highly accurate data to lay out and construct complex buildings and structures.

#### Extending the Accuracy of BIM to the Field

BIM is transforming the way construction projects are planned and managed; however, the data from these models is not being maximized in the field. Traditional construction methods lose the accuracy of the 3D building model when implemented in the field. Valuable time and accuracy can be lost by manually scaling distances, calculating angles from plans, turning angles with theodolites and pulling tapes to measure distances.

To maintain the accuracy of BIM in the final building product, Trimble, Vico, and Tekla now make this information available for use by construction professionals to automate the layout, erection and construction of their projects.

"Precision placement of hangars and bracings is critical for safety and off-site material fabrication. This is a key component of successfully extending BIM to subcontractors and field crews," said Mark Sawyer, CEO and President from Vico. "We've seen first-hand how successful the integration is at St. Joseph's Mission Hospital in southern California. We're very pleased with the advantages this partnership delivers to customers."

"This workflow integration with Vico provides a significant opportunity for contractors to improve productivity," said Pat Bohle, general manager for Building Construction at Trimble. "Now, they can leverage the data from their BIM to physically construct the building. With this integration, there is less time wasted on inefficient layout of the building plan and less waste of materials due to re-work and overages."

#### About BIM

Building Information Modeling or Building Information Management (BIM) is the process of modeling and communicating the structure of a building in detail to benefit the entire building lifecycle. BIM facilitates the exchange and use of building information in digital format and is currently used by professionals on all building types from the simplest warehouse to many of the most complex new buildings.

As an emerging design method in use today, BIM allows a virtual information model to be handed from design team (architects, surveyors, consulting engineers, and others) to contractor and subcontractors and then to the owner, each adding their own additional discipline-specific knowledge and tracking of changes in a single model. The goal of BIM is to reduce the information loss that occurs when a new team takes "ownership" of a project as well as to deliver extensive information to owners of complex structures far beyond that which they are currently accustomed to having.

#### About Vico Software

Vico Software, Inc. provides 5D Virtual Construction(TM) software and services to the building construction industry. Building owners, general contractors, and construction managers use Vico's software to reduce risk, manage costs, and optimize schedules on large, complex building projects. Vico's integrated solutions, first released in 2005, pioneered the 5D category. The benefits of Vico's solutions and services have been proven with over three hundred customers and two hundred completed building projects to date.

For more information, visit: <http://www.vicosoftware.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, public safety 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 and headquartered in Sunnyvale, Calif., Trimble has a worldwide presence with more than 3,800 employees in over 18 countries.

For more information, visit: <http://www.trimble.com>

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