



April 29, 2015

## **Trimble Partners with Microsoft to Bring Microsoft HoloLens Wearable Holographic Technology to the AEC Industry**

### **Trimble to Integrate Microsoft HoloLens with Selected Trimble Solutions for Mixed-Reality Design, Construction and Operation Processes**

SAN FRANCISCO, April 29, 2015 /PRNewswire/ -- Trimble (NASDAQ:TRMB) announced today that it is working with Microsoft to develop a new generation of tools, integrated with the [HoloLens](#) holographic platform on Windows 10, which are intended to improve quality, collaboration and efficiency in the design, construction and operation of buildings and structures. A proof of concept was demonstrated at Microsoft's [Build Developer Conference](#) held this week in San Francisco.

Microsoft HoloLens is a head-mounted, holographic computer that provides a mixed-reality experience for a range of commercial and consumer applications. When used by architecture, engineering and construction (AEC) professionals, the HoloLens device extends interaction with 3D models beyond the confines of a 2D computer screen, creating new ways for the many stakeholders of complex, multi-phase construction projects to visualize, collaborate, share ideas and manage change.

#### **Demonstration Highlights Design and Collaboration Scenarios**

During the Build Conference keynote session, Microsoft demonstrated how the integration of HoloLens with Trimble's SketchUp 3D modeling software and the Trimble Connect collaboration platform could improve design and construction processes. Using HoloLens, architects were able to experience their SketchUp models as holograms placed in the real world—enabling them to quickly analyze various "what if" design scenarios in the context of the physical environment. The demonstration also illustrated how using Trimble Connect with HoloLens holographic technology enables remote teams to effectively review and collaborate in order to resolve constructability issues in real time.

A recording of the demonstration is available at: [www.buildwindows.com](http://www.buildwindows.com). Additional information on the Trimble and Microsoft collaboration is available at: <http://buildings.trimble.com/hololens>.

"Trimble has a mission to deliver solutions that transform the user experience and work processes in many industries," said Bryn Fosburgh, vice president responsible for Trimble's Construction Technology Divisions. "We believe that HoloLens is a game-changer for design and construction teams by facilitating improved communication, and enhanced transparency. We're excited to partner with Microsoft in creating what could be a new era for technology in the AEC market."

"Microsoft HoloLens is a revolutionary tool for people and businesses enabling professionals in industries like design and construction to do more and achieve more," said Yusuf Mehdi, corporate vice president, devices & studios, at Microsoft. "Trimble's deep knowledge of design and construction processes makes it a natural partner in bringing holographic computing to this industry."

#### **Initial Development Focus**

Trimble's initial research is focused on the integration of HoloLens with three Trimble solutions:

- [Trimble@ Connect](#) - a collaboration environment for design, engineering and construction projects, based on Gehry Technologies' GTeam™ software acquired by Trimble in 2014, Trimble Connect enables teams to access and manage project data via a cloud platform.
- [SketchUp](#) - the world's most popular 3D modeling platform, used by millions around the world to create, update and communicate designs in 3D.
- [Trimble V10 Imaging Rover](#) - an integrated camera system that precisely captures 360-degree digital panoramas for efficient visual documentation and measurement of the surrounding environment that can be transformed into data-rich geospatial deliverables.

Trimble's HoloLens-enabled solutions are currently under development. Details on availability were not disclosed at the Build Conference. Information on Trimble's broad range of existing solutions for the design, construction and operation of building and infrastructure is available at: <http://www.trimble.com/Industries/Construction/index.aspx>.

#### **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, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: [www.trimble.com](http://www.trimble.com).

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