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## **Trimble and CSCEC to Explore the Use of Mixed-Reality Technology for Engineering and Construction in China**

SUNNYVALE, Calif. and BEIJING, July 18, 2016 /PRNewswire/ -- Trimble (NASDAQ: TRMB) and CSCEC No. 1 Building Group Corporation Limited (CSCEC Group 1), one of the largest building contractors in China and a world-leading engineering and construction firm, announced today that they are collaborating to explore the applications of mixed-reality technology in the Architecture, Engineering and Construction (AEC) industry. As part of Trimble's Mixed-Reality Pilot Program, CSCEC Group 1 is the first organization in China to use Microsoft HoloLens and Trimble Mixed-Reality solutions.

A new generation of mixed-reality tools from Trimble, integrated with the Microsoft [HoloLens](#), focuses on improving the quality, collaboration and efficiency in the design, construction and operation of buildings and structures. When used by 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.

With mixed reality, the primary mode of interaction is spatial. Design teams can review and interact with 3D models in the context of their physical environment and explore previously invisible aspects of a building's performance. The technology improves communication by providing a natural, yet innovative way to interact with complex data and enables 3D-based remote collaboration between project stakeholders.

"We are very excited to become the first partner in China for Trimble's Mixed-Reality Pilot Program by actively engaging in this technology evolution and creating a mixed-reality lab," said Xue Gang, chief engineer for CSCEC Group 1. "As one of largest construction firms in China, CSCEC Group 1 invests in innovative solutions to improve productivity and operations. We believe mixed-reality technology will profoundly change the way we communicate in the AEC industry. It will improve collaboration, reduce waste and enhance the quality and safety in projects."

"Mixed reality is one of most exciting and anticipated technologies in the Architecture, Engineering, Construction and Operations (AECO) industry and we are committed to transforming the way our customers consume, interact and communicate data," said Aviad Almagor, director of Trimble's Mixed-Reality Program. "We are pleased to work with CSCEC and look forward to introduce mixed reality technology to China's construction market."

### **About CSCEC No. 1 Building Group Corporation Limited**

Established in 1953, CSCEC Group 1 is one of the core subsidiaries of China State Construction Engineering Corporation Limited (CSCEC), which ranked 37th among Fortune Global 500 companies and No. 2 on the Engineering News-Record's Global Contractors list in 2015. With its long history and pursuit for technology leadership, CSCEC Group 1 has grown into one of China's largest engineering and construction companies and is well known for super high-rise, super-scale construction, cutting-edge and novel projects. CSCEC Group 1 is the only construction company that has won the China Quality Award, an official recognition for high quality in the country. For more information about CSCEC Group 1, visit: <http://www.cscec1b.net>.

### **About Trimble's Mixed-Reality Pilot Program**

Trimble's Mixed-Reality Pilot Program provides visionary AECO companies an opportunity to experience how mixed-reality technology can transform the way they work. Working together with Trimble, pilot participants can explore and utilize mixed reality in their projects to improve team communication, data interpretation and collaboration during the design development and pre-construction stages of their projects. As part of the program, Trimble provides training and implementation support on Microsoft HoloLens and Trimble mixed-reality solutions.

### **About Trimble**

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming a broad range of industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: [www.trimble.com](http://www.trimble.com).

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