

Trimble Unveils Next-generation Mixed-reality Device with Microsoft HoloLens 2 Technology



Trimble has announced a new wearable hard hat-compatible device that enables workers in safety-controlled environments to access holographic information on the work site: the Trimble XR10 with HoloLens 2. In addition, an expanded set of Trimble software and services will be available to provide field-oriented workflows that leverage constructible 3D models and mixed reality to solve daily work tasks.

The announcement was made with Microsoft at MWC Barcelona (formerly Mobile World Congress), the largest mobile event in the world bringing together the latest innovations and leading-edge technology.

The [Trimble XR10](#) with [HoloLens 2](#) is the first device created with the Microsoft HoloLens Customization Program and integrates the latest spatial computing technology into a certified solution for use with a hard hat for worker safety. With a wider field-of-view, improved usability and a unique, flip-up viewscreen, the Trimble XR10 with HoloLens 2 combines state-of-the-art mixed reality and safe operation in restricted-access work areas.

Field-oriented workflows

The full solution provides greater accessibility to 3D models by front-line workers. Field-oriented workflows enable broad adoption of mixed-reality for jobsite activities to improve efficiency, productivity and quality of work. Continued development of the cloud-based collaboration platform, Trimble Connect for HoloLens, is enabling workers in the field to get more value from constructible 3D models and transform daily work such as assembly and inspections.

“Microsoft has provided both the vision and execution needed to stay at the forefront of the mixed-reality evolution,” said Aviad Almagor, director of Trimble’s Mixed-Reality Program. “We’re excited to extend our collaboration with Microsoft in producing a safety-first mixed-reality solution that can be used in production environments such as construction, where workers are building, monitoring and inspecting products and services that deliver tangible value every day.”

“The ability to access and interact with holographic content has inspired new visualization, collaboration and production workflows in enterprise markets,” said Alex Kipman, technical fellow, AI and Mixed Reality at Microsoft. “For people that spend their days on the work site, the Trimble XR10 with HoloLens 2 and Trimble’s portfolio of software unlocks the power of mixed reality to help them get more work done.”

For more information [see here](#).

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