

Further Cooperation Between Leica and Autodesk in Building Construction



Leica Geosystems has announced further cooperation with Autodesk to connect the latest robotic total stations for construction, the Leica iCON iCR70 and iCR80, with the Autodesk BIM 360 layout mobile app, an industry construction management platform. The continued collaboration between the two organisations centres around the expanding role of building information modelling (BIM) in construction. This latest effort creates a seamless workflow, sending positions from the robotic total stations to the mobile app to compare design data, increasing efficiency and productivity from field to office. With the integration to the iCR70 and iCR80 robotic total stations, BIM 360 Layout for iOS customers will be able to accomplish important layout and quality assurance and quality control (QA/QC) tasks by using models stored and coordinated in BIM 360 directly within the BIM 360 environment.

“In construction, connecting the model in the digital world with the real world is critical to project execution. Our collaboration with Leica Geosystems enables our customers to use the most modern total stations to lay out critical points and check the location of subcontractors’ work with ease,” said Ilai Rotbaein, senior director, Autodesk’s Construction Business Unit. “Construction is now moving at the speed of digital and by integrating Leica’ robotic total stations and Autodesk BIM 360, we are providing a simplified and smarter construction process.”

Continuing collaboration

Leica Geosystems and Autodesk have together delivered added value to Architecture, Engineering and Construction (AEC) customers through multiple collaborations, including the introduction of the Leica BLK360 imaging laser scanner along with Autodesk ReCap Pro for Mobile.

“We are pleased to continue advancing our cooperation with Autodesk by delivering to the building construction industry the most seamless workflow between models coordinated in BIM 360 and the precise point of construction,” said Moritz Lauwiner, Leica Geosystems vice-president of Geomatics product development. “BIM professionals will have access to the same iCON sensors that construction field engineers use with iCON build field software across main contractors and key trades such as concrete, steel and MEP [Mechanical, Engineering and Plumbing].”