

FARO Expands Digital Twin Product Suite



FARO Technologies has announced the acquisition of HoloBuilder and its leading photogrammetry-based 3D platform which delivers hardware-agnostic image capture, registration and viewing to the fast-growing digital twin market. FARO Technologies is a global leader of 3D measurement, imaging and realization

solutions for the 3D metrology, AEC and public safety analytics markets.

With an initial focus on construction management, HoloBuilder's technology platform provides general contractors a solution to efficiently capture and virtually manage construction progress using off-the-shelf 360° cameras.

Scanning and image management capabilities

HoloBuilder's SaaS platform will add fast reality-capture photo documentation and extra remote access capability to FARO's highly-accurate 3D point cloud-based laser scanning to create the industry's first end-to-end digital twin solution – all without leaving the FARO ecosystem. The combined solution will provide comprehensive scanning and image management capabilities for the digital twin market including robotic assembly 3D simulation, construction management, facilities operations and management, and incident pre-planning.

"The high value that digitalization brings to the AEC and operations & maintenance (O&M) industries creates significant market opportunity for [FARO](#)," stated Michael Burger, FARO president and CEO. "The addition of [HoloBuilder](#) to our offering accelerates the reality of a true end-to-end digital twin solution and advances our strategic objective of increased recurring revenue through market share gains in this large and growing segment."

"HoloBuilder and FARO together will further our vision of digitizing the physical world to enable process automation and workflow optimization," added Mostafa Akbari-Hochberg, HoloBuilder president and founder. "The powerful combination of high-accuracy laser scanning with real-time 360° photo capture and collaboration will empower both companies' customer bases with a comprehensive digital twin solution."

□ The Construction Progress Management core components: A mobile device to run the JobWalk App that connects to a 360° camera, the Web Editor and Viewer as well as the Enterprise Dashboard for project editing, viewing, and management.