EarthCam Releases Upgrades to Autodesk Construction Cloud Integration

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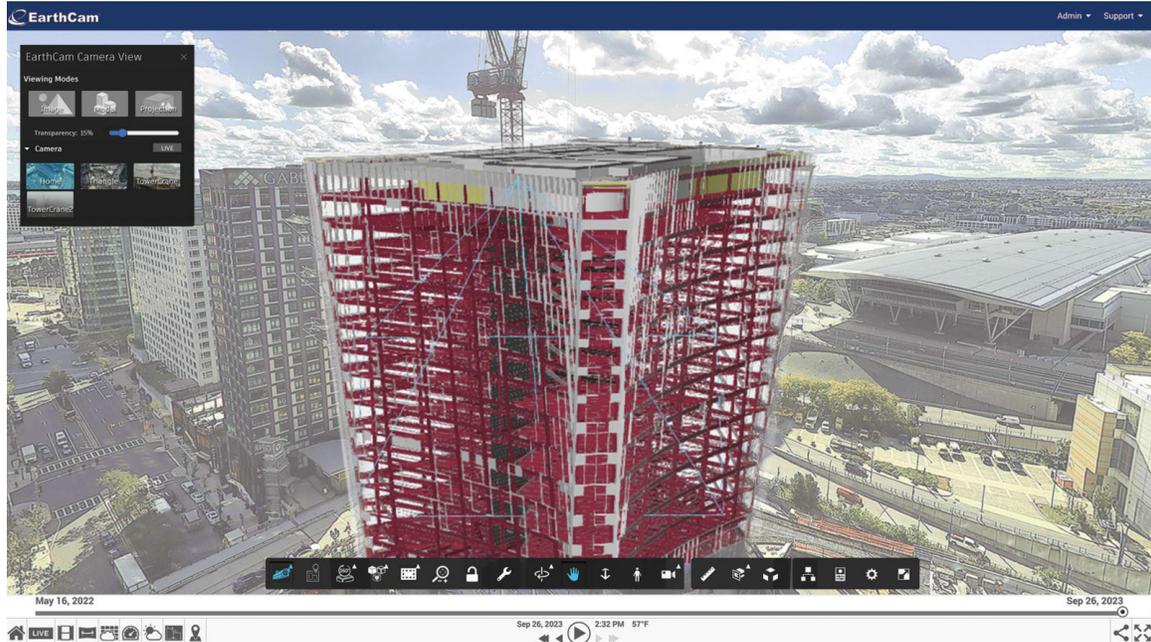
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EarthCam is the first camera company to be recognized as a Construction Cloud Premium Partner. As part of its seventh-generation integration, EarthCam 3D now automatically aligns and merges live-camera streams with digital twins allowing users to pan, tilt and zoom to reveal architectural details while seeing the corresponding model alignment. Navigable Revit or Navisworks models support high-resolution imagery, providing perspectives of jobsites and visual evidence of progress for VDC teams.

"The EarthCam environment allowed seamless dialogue between multiple project stakeholders and brought innovation to us and, most importantly, our client," said Stephen Brooke, digital delivery manager for Burns and McDonnell, who uses EarthCam 3D along with EarthCam's Autodesk Partner Card.

For EarthCam's Autodesk Construction Cloud integration, users will now be able to leverage new EarthCam AI analytics – automating the delivery of visual data to reports in Autodesk Docs and the recently announced Autodesk Forms. Utilizing EarthCam AI, users can configure intelligent alerts based on preset combinations of weather conditions and detected objects such as a concrete truck observed together with rain or freezing conditions. New alerts can be set up for ladders, scissor-lifts, workers at height and objects traveling over 30 mph.

"We use Autodesk – that's our platform," said Phil Centineo Jr., project executive at Torcon, Inc. "We like to use pictures to be able to share with the project team and to be able to identify where we have issues and how we can potentially solve them. So that's proven to be very effective."

Daily summary reports of EarthCam AI object analytics are now shared with Autodesk Docs and Forms. Reports include useful data-points for context, such as jobsite activity heat maps, recent equipment arrivals and the times when activity started and finished.

EarthCam offers security cameras and perimeter detection systems with up to one year of continuous video recording. Video clips of events can be trimmed and shared to Autodesk Build to maintain a record of security incidents.