Evercam 4D View Integrates Real-time Video with Digital Twin Technology

Evercam has announced the addition of Evercam 4D View to Bentley Systems' powered by iTwin programme. Evercam 4D View helps project teams leverage engineering and design data to better understand the construction sequence and communicate project plans to all parties involved. Evercam is an industry-leading provider of construction camera software.

The 4D View app combines real-time, high-quality video footage throughout the job site with a digital twin and allows users to switch between the model and reality to track changes and communicate progress. The app addresses the challenge of the volume of data available to project teams by connecting it with 4D planning, scheduling and analysis capabilities.

Advancing the Construction Sector

It is common knowledge that the construction industry has had challenges with productivity in the past, and while BIM has significantly contributed to the improvement of communications, the industry is still hindered by the inaccessibility of project data. Often, a BIM model is only accessible to a limited amount of the project team. Evercam 4D View democratizes this data by allowing all users on a project to share and interact with the model from within the Evercam platform.

Evercam 4D View allows users to easily switch between real-time footage and BIM models to make collaboration easier. Users can see any changes made to the BIM model and receive updates within the platform. 4D View provides users with a list of features from within the platform including remote measurement, navigational tools, and the ability to highlight anything from the 3D model, as the iTwin Platform recognizes each element.

Evercam offers its customers unlimited user access, allowing team members from across the globe to work virtually together, ultimately improving safety, reducing risks, and creating greater efficiencies for the entire project team.

Digital Twin to Increase Productivity

"We are very pleased to have Evercam add their Evercam 4D View application to the powered by iTwin program," said Adam Klatzkin, vice president, iTwin Platform, at Bentley Systems. "In doing so, Evercam joins the growing ecosystem of software developers enabling digital twin solutions with the iTwin Platform. Evercam 4D View is a great example of how real-time video from the job site can be combined with a digital twin to increase the productivity of complex construction projects."

Marco Herbst, CEO of Evercam, said, "We are excited to be building this partnership with Bentley. Their commitment to openness is important to us and our users as they use data from multiple vendors. Our long-term goal is to be able to capture and understand the entire job site. The iTwin Platform, as a live, collaborative platform, gives us access to the latest detailed digital twin, filling in a vital piece of the information gap for Evercam users."

Evercam 4D View proves how real-time video from the job site can be combined with a digital twin to increase the productivity of construction projects. (Image courtesy: Evercam)