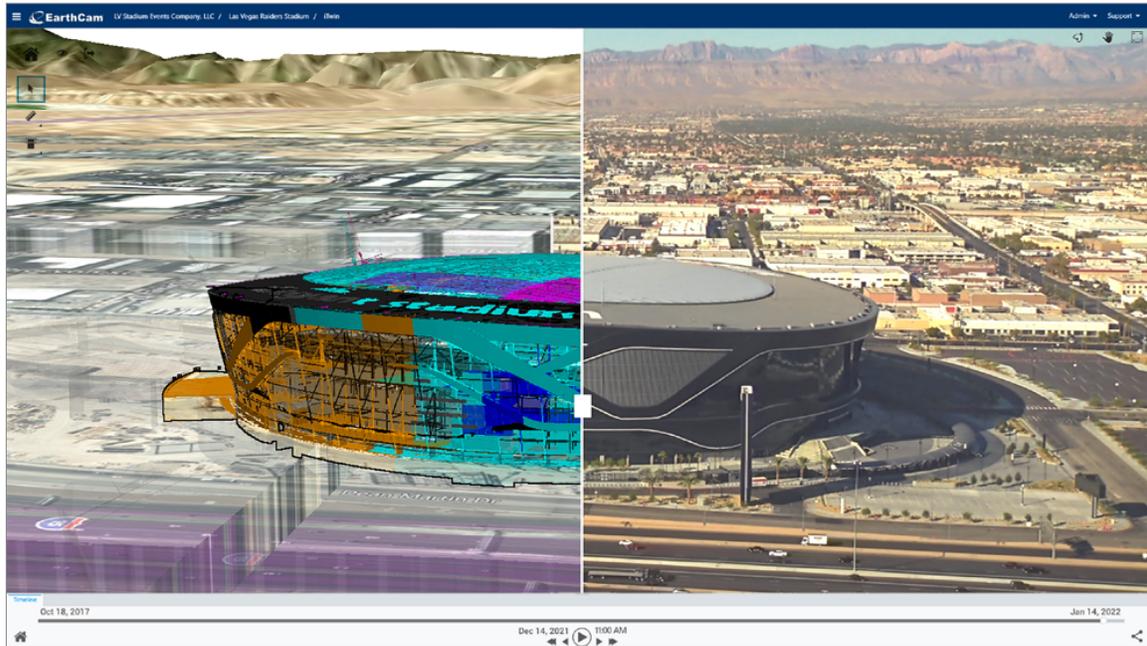


## EarthCam 4D Empowers Virtual Design and Construction Teams

By Ralph Rio *January 27, 2022*



EarthCam, a provider of webcam technology and services, introduced EarthCam 4D, empowering virtual design and construction (VDC) teams to overlay and synch live imagery with their digital twins. An intuitive time-line allows users to scroll backward and forward in time to view live imagery in relation to their 4D models.

Built on the Bentley iTwin platform, EarthCam 4D augments Bentley Systems' SYNCHRO 4D models with high-resolution photos from multiple cameras throughout the jobsite, overlaid in precise alignment. Viewers can zoom in and out, and the associated live images remain synched. Unique transparency/opacity and model color adjustments enable new and powerful ways to compare and contrast models with reality over time.

EarthCam 4D is reportedly the first solution that fully synchronizes time-sequenced images to 4D planning models - stakeholders no longer need multiple software interfaces and different stored image sources to access this critical comparative information. Having real-time imagery synched with a SYNCHRO 4D model in a single interface provides immediate, real-time evidence of every steel beam placement, and every window installation against 4D models, simplifying project management for SYNCHRO users worldwide.