

## EarthCam puts a webcam on a drone to generate a 3D jobsite model

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EarthCam is an organisation that works in the field of designing and developing webcams and surveillance equipment. With their latest venture, they're utilising the prowess of ... drones.

The purpose according to the company is to combine drone based flight systems with high definition cameras and cloud-based storage and distribution solutions for drone-based imagery services. This will, in turn, be launched in the form of a venture called EarthCam Air.

The magic begins when images from terrestrial webcams, photography documentation and a point cloud (derived from the drone) all snap into place to generate a 3D image of an entire land area. This, in turn, delivers a comprehensive analytical report of the area.

While the usage of drones in construction projects isn't anything new, EarthCam has integrated a Cloud Software as a Service with drones and has developed a geospatial mapping platform.

The benefits of this include a digital framework to attach webcam images, geo-tag photographs and video analytics of the project that users can build upon throughout the entire construction process. This data can in turn be seamlessly shared within multiple departments.

The progress of this project can be dynamically tracked on the official site.