



**BOLTON  
& MENK**

Real People. Real Solutions.



GeoCV™ (Catalogued Video) is a web-based application that correlates high resolution video from geospatial enabled cameras to a digital map. Through Bolton & Menk's technology, we create valuable content for clients by combining UAV flights, videos, and geospatial locations in one application. Videos are becoming a prevalent part of everyday data collection, especially with geographically referenced video and drones. This application allows viewers to reference a side-by-side visual where drone map locations can be seen alongside the UAV video.

## How It Works

Through GeoCV™, a UAV pre-determined flight path captures videos that are then linked to a virtual map. All videos are hosted in a web-based cloud location to be accessed from anywhere. Geographic locations of the flight plan are extracted and married to the timestamp in the video, making video segments easy to locate. This video capture technology can come in the form of dash cam footage to obtain street views and drone footage to obtain an aerial perspective.

## 3D Capabilities

Drones can follow a flight path once they reach a particular altitude, resulting in a 3D visual of

the area. This becomes useful when monitoring exteriors of facilities, buildings, or stockpiles. The footage can be shared via a web application, where clients can view a 3D geospatial location in correlation with the video.

## Benefits

- **Documentation:** Provides visual documentation of existing conditions to reference anytime
- **Interactivity:** Allows users to move, click, and zoom around a virtual map
- **Historical Value:** Ability to review different project phases, such as pre-construction, construction, and post-construction

## Other Geographic Information Systems Services

- GIS Project & Technical Management
- ArcGIS Enterprise Implementation
- GIS Web Application Development
- Desktop GIS Customization
- Data Automation & Analysis
- Geospatial Data Collection
- UAV Services & Remote Sensing

## CONTACT

 John Shain, GISP, Principal GIS Project Manager

 John.Shain@bolton-menk.com

 Bolton-Menk.com

