Dielmo Provides Geospatial Back Office for UAV Data Acquisition

Dielmo 3D is offering its geospatial back-office services to UAV, helicopter, fixed-wing and mobile data acquisition companies. For geospatial data acquisition companies that may be new to Lidar and orthophoto mapping or may have a need for increased data production capacity, Dielmo offers complete Lidar and orthophoto production services, thus negating the need to invest in additional expert personnel, software licences and employee training before being able to produce industry-leading geospatial products.

With the advent of UAV, Lidar and Imaging technologies, organisations looking to provide these services face the onerous prospect of hiring additional personnel, training, and purchase of software licences and the steep learning curve to become proficient in these systems to provide professional mapping, survey and photogrammetric products.

The generation of a professional mapping, surveying or photogrammetric product is usually not as easy as buying a UAV, camera and some software, throwing them together and out comes a digital ortho or a Lidar digital terrain model. It is paramount that mapping, surveying and photogrammetry professionals are utilised in the creation of mapping, surveying and photogrammetric products or the project will suffer the consequences of bad data.

Dielmo's cloud based, end-to-end solution allows users to upload, store, process and share Lidar, raster, vector data derived from UAV, helicopter, fixed-wing and mobile platforms. Their online service enables data acquisition companies to benefit from the latest in sensor and big data processing technologies, reducing the complexity of data processing and data analysis by not having to invest in software licenses, hiring and training personnel to operate it.

Besides the Lidar and orthophoto production, Dielmo also offers its GeoWeb portals in which to manage, view, distribute, and share any geospatial data, raster, vector and Lidar online from the web or from customers' own secure servers.

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