

SPH Engineering synchronizes all drone related activities into a set of workflows

August 17, 2021 - Atlanta, USA - SPH Engineering announces at AUVSI XPONENTIAL 2021 in Atlanta, USA, the synchronization of technologies for UAV flight planning, including advanced data collection with complex sensors, data storage, AI processing, sharing and visualization. It is the first solution that puts all drone related activities into a set of workflows and secures high levels of data privacy.

SPH Engineering has synchronized its 3 product lines: UgCS, mission planning and flight control software; UgCS Integrated Systems, airborne integrated systems with sensors from diverse manufacturers; and ATLAS, AI platform to process and analyze geospatial data. Workflows include the following procedures:

- organization-wide survey planning and job tracking with ATLAS;
- field-level flight planning with UgCS;
- data acquisition with complex sensors with UgCS Integrated Systems;
- data storage, analysis and visualization with ATLAS.

“We are trying to connect the dots for professional users. Recently we have implemented LIDAR Tools in UgCS and simultaneously added point cloud viewer to ATLAS to ease collaboration and sharing of collected data. In a similar way as drone professionals may identify methane leaks with Falcon Laser Methane detector and visualize results in ATLAS”, Alexei Yankelevich, head of software development at SPH Engineering, comments.



A UAV integrated with Falcon Laser Methane detector (c) Pergam

The solution is designed for professional surveyors and is also ready for deployment to corporate IT infrastructures. An added privacy value is guaranteed thanks to an opportunity to choose between an in-house server or a cloud as a storage method.

To learn more about the innovation join a press conference with Alexei Yankelevich, Head of Software Development at SPH Engineering, on Aug 17, 4:15-5pm (EST). The press conference room is C207. Alternatively visit booth 3250 to meet Alexei in person.

About SPH Engineering

SPH Engineering (sph-engineering.com) is a multiproduct drone software company and UAV integration services provider. Founded in 2013 in Latvia (EU) as a UAV mission planning and flight control start-up, the company has evolved from a developer of a single flagship product (UgCS) to a market leader of multiple drone solutions. Today, the company boasts a rich global customer and reseller network in 150+ countries, while over 45% of partners are located in North America. To provide high-quality solutions for UAV professionals, SPH Engineering's team advances four key product lines: UgCS (mission planning and flight control software), UgCS Integrated Systems (airborne integrated systems with sensors from diverse manufacturers), Drone Show Software (only commercially available software to manage drone swarm flights) and ATLAS (AI platform to process and analyze geospatial data).