

Easy Ways to Utilize Hydrographic Survey Data



Maritime software company QPS and GISGRO, an online platform created by the Finnish high-tech company VRT Finland, have joined forces to enhance the utilization of hydrographic data. Integration of the two software in March 2020 will provide hydrographic surveyors with an easy way to share the complex 3D data with their clients, who can gain major benefits by further sharing and utilizing the data in their daily operations.

Digital 3D modelling has reached the underwater world; for example, in forms of seabed scanning for safe navigation and scanning of underwater structures for maintenance purposes. The constantly growing amount of digital hydrographic data increases the demand for easy methods of data management in the cloud.

Hydrographic Survey Project

QPS software for surveyors covers the whole workflow of a hydrographic survey project. The GISGRO online platform complements the workflow by offering a cloud solution, which is for the surveyors an easy, online way of reporting the survey results and delivering 3D data to their clients.

After the processing of survey data in the QPS software, the surveyor will now be able to transfer the data directly to the GISGRO platform, where online visualizing, reporting and sharing of the data is quick and easy. It is estimated that with GISGRO the reporting time is 60% shorter compared to traditional reporting methods. Integration between QPS software and GISGRO will allow the majority of hydrographic surveyors to gain these benefits.

“Collaboration between VRT and QPS is an example of how combining the expertise of two companies can revolutionize the way of using 3D data. QPS has a piece of extensive knowledge in 3D data gathering and processing. GISGRO’s competence is in delivery, management, and utilization of 3D data. Together, QPS software and the GISGRO online platform create a whole new service model, which improves customer experience and lengthens the lifecycle of 3D data”, says VRT’s CEO Kirsi Hänninen.

Caption: Almar Hollaar, Managing Director at QPS (on the left) and VRT’s CEO Kirsi Hänninen (on the right). Copyright of the picture: QPS.