Press Release

Quantum-Systems and Pix4D announce official partnership

Quantum-Systems GmbH and Pix4D have signed a contract to make their partnership official and to ease daily operations for common customers.

Gilching, Deutschland, and Prilly, Switzerland, July 6, 2020. Professionals around the globe rely on eVTOL UAVs from Quantum-Systems and Pix4D's software suite for collecting and post-processing aerial data. The partnership between both companies ads real value to the daily operations of drone users in mining, agriculture, forestry, surveying and mapping, power, and utilities. With the partnership contract in place, users from now on are able to source Pix4D's software suite both, directly and through Quantum-Systems' resellers.

Efficient aerial data collection with various payloads

The Trinity F90+ is an eVTOL mapping drone for professionals. With a flight time of up to 90 minutes it is able to cover areas of up to 700ha per flight with 3,2 cm per pixel GSD at 120 m AGL. The Trinity F90+ UAV can be combined with a wide range of payload options, including RGB and multispectral (dual) payloads.

The Trinity F90+ is used by professionals around the world and sold by a global network currently counting 68 different resellers. Its typical application is composed of surveying and mapping in the agricultural, forestry, mining, and utilities sector.
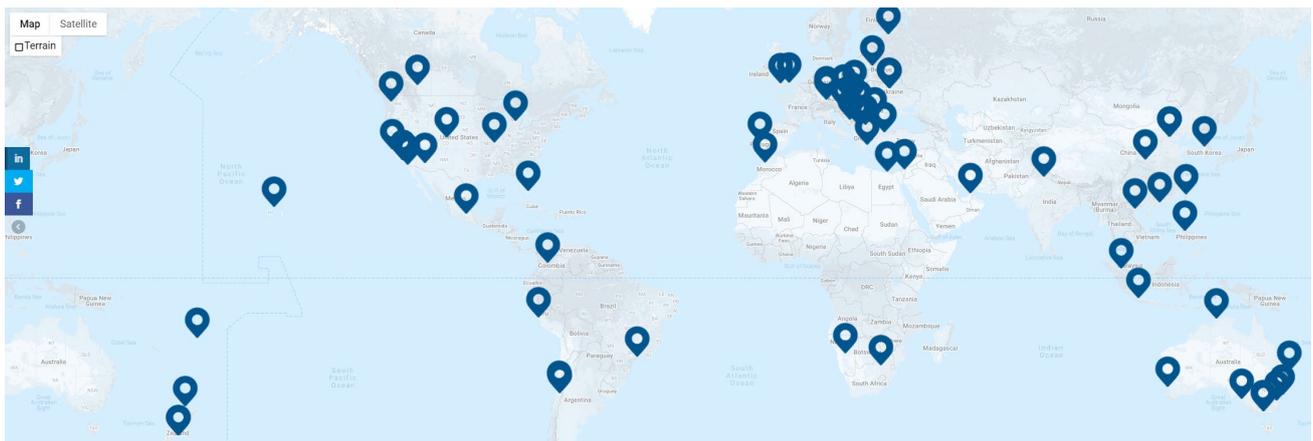

Image: Quantum-Systems global reseller network

Pre-planning and monitoring aerial survey missions with QBase 3D Software

Quantum-Systems also develops and markets its own software. QBase 3D is for planning and monitoring missions and also able to do PPK processing of the collected survey data with an absolute accuracy of up to 2 cm.

QBase 3D automatically generates flight paths after the flight area and the mission parameters have been defined with just a few clicks. It gives users control over their photogrammetric aerial survey mission and full coverage over the area of interest.

Post-processing the mission data

Once a mission is completed and the UAV landed, the images taken are ready to be imported into Pix4D. Quantum-Systems' drones and the data generated during each mission are generally software and supplier independent. With Pix4D we can offer our customers an efficient, flexible, and powerful software suite for post-processing that answers their needs in daily operation in their industry.

"We are very happy to have a strong OEM partner like Quantum-System," says Johannes Mengden, Business Developer EMEA at Pix4D. "Our bonds are strong in particularly strategic verticals like railway and infrastructure inspection, but since these drones deliver the quality standards needed for large scale mapping, the potential is immense. We are already collaborating on very important international projects."

Sourcing. training and operation made easy

When professionals turn to Quantum-Systems they have now the opportunity to source an end-to-end solution from one supplier. "Since our end-users and resellers are professionals from different industries, we are happy to closely cooperate with Pix4D. This way we can offer our customers a full solution, from the acquisition of the pictures with our Trinity F90+ to processing the data in special software made by Pix4D. Thanks to this cooperation, they will be able to perform standard and large scale mapping and to choose the most appropriate software for their usage," explains Dejan Dragic, Manager Sales and Business Development, Quantum-Systems GmbH.

With the efficiency of Trinity F90+ UAV in combination with QBase 3D mission planning software, various payload options plus Pix4D for post-processing all crucial workflow steps are covered.

The package will be available through official Quantum-Systems resellers. Both brands will team up to host webinars and workshops for their common customer base.

About Pix4D

Pix4D (pix4d.com) develops cutting-edge software that converts images taken by hand, by drone, or by plane into accurate and georeferenced survey-grade 2D mosaics, 3D models, and point clouds. Founded in 2011, Pix4D is rapidly expanding from its headquarters in Lausanne, Switzerland, to offices in Berlin, Madrid, Denver, San Francisco, Shanghai, and Tokyo.

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About Quantum-Systems GmbH

Quantum-Systems GmbH, founded in Munich in 2015, specializes in the development and production of automatic transition aircrafts for a wide range of professional and civil applications. The more than 65 employees (growing) work intensively on combining reach and electrical efficiency with the ability to vertically take off and land without additional equipment.

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