

# Quantum-Systems and Pix4D Enter into Official Partnership



Quantum-Systems and Pix4D have formalized their partnership to simplify daily operations for their shared customers. Professionals around the globe rely on eVTOL UAVs from Quantum-Systems and Pix4D's software suite for collecting and post-processing aerial data, which made teaming up a logical step for both companies.

The partnership is set to add 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 3.2cm per pixel GSD at 120m 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.

## Pre-planning and monitoring aerial survey missions

[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](#) the company can offer its customers a 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. 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," commented Johannes Mengden, business developer EMEA at Pix4D.

## Sourcing an end-to-end solution from one supplier

Dejan Dragic, manager sales and business development, Quantum-Systems, said: "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 TrinityF90+ 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."

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.