



## Press release

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**September 27, 2023**

# Special Forces of the German Armed Forces to use Vector reconnaissance drones from Quantum Systems in the future

German drone manufacturer from Munich wins "FALKE" tender from the German Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBw)



**Germany, Munich, September 27, 2023** - Quantum-Systems GmbH, Munich-based manufacturer of dual-use reconnaissance drones that use multi-sensor technology to collect data for government agencies and commercial users, yesterday signed a framework agreement with the BAAINBw for the delivery of Vector reconnaissance drones.



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## **Delivery of 14 unmanned aerial systems begins at the end of 2024**

In November 2022, the German Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBw) published the project under the name "Framework contract for the procurement of remotely piloted reconnaissance systems, airborne, short range" - "FALKE" for short. The complex performance specifications of the competitive award procedure placed numerous requirements on the future supplier of the unmanned systems. Quantum Systems successfully submitted a bid and was able to conclude the framework agreement with the BAAINBw on September 26, 2023.

Delivery of the first 14 systems is scheduled to begin in the fourth quarter of 2024. In the future, the Bundeswehr will thus have a system for precise reconnaissance that can be deployed quickly and independently.

## **Requirements for availability, innovation capability and precise reconnaissance met**

The vertical take-off and landing capable drone type Vector provides the German Army's special forces with a market-available tactical reconnaissance system optimized for their range of operations and meeting requirements in terms of range, flight time and sensor capability. Vector enables precise reconnaissance over a range of up to 30 km with a flight duration of up to three hours. The integrated 'Raptor' combi-sensor is equipped with an optical and an infrared camera, enabling day and night operations in all climates and under challenging environmental conditions.

For the operational tasks of the Army's special forces, precise reconnaissance is a mandatory requirement.

"For Quantum Systems, winning the FALKE tender is more than just equipping the German Special Forces Command with drones. The Vector system was designed and developed for the required operational purposes, which demand high mobility and long flight times. The equipment of our own armed forces is also an essential strategic and also a great emotional milestone for Quantum Systems. In sum, we are very pleased to equip the German Armed Forces with our drones with immediate effect. We are certain that this step will enable us to make an important contribution to the Bundeswehr and another to the security of Europe," says Sven Kruck, CSO of Quantum Systems.



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## About Quantum Systems

Quantum Systems specializes in the development, design, and production of small Unmanned Aerial Systems (sUAS). The company's range of electric vertical take-off and landing (eVTOL) sUAS are built to maximize range and versatility and provide operators with a seamless user experience. By integrating cutting-edge software capabilities like edge computing and real-time AI-powered data processing, Quantum Systems is building next-generation UAS for clients in defence, security, public sector.

Quantum-Systems was founded in 2015 and is headquartered at Special Airport Oberpfaffenhofen, 20 km west of Munich.

For more information about Quantum-Systems visit [www.quantum-systems.com](http://www.quantum-systems.com).

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Pic 1: Reconnaissance drone type Vector of Quantum Systems with integrated combi-sensor ‚Raptor‘



Pic 2: Signing of the contract between Quantum Systems GmbH and the project team of the Federal Office of Bundeswehr Equipment, Information Technology and Utilization in Koblenz, on September 26, 2023. (Copyright: Bundeswehr/Dirk Bannert)