

# Quantum-Systems and Teleplan Globe join forces to enhance capabilities of elite units and Special Forces



**Munich, Germany and Oslo, Norway, September 6<sup>th</sup>, 2022:** [Teleplan Globe](#), software and system solutions company from Oslo and Munich-based drone manufacturer [Quantum-Systems](#) have signed a Memorandum of Understanding to integrate the FACNAV battlespace management system into the Quantum-Systems [Vector & Scorpion](#) 2-in-1 platform. The cooperation is designed to add value in future operations by increasing precision in conducting Close Air Support missions and increasing capacity for information sharing.



From left to right: Magne Killingstad, Florian Seibel and Bjørn-Kenneth Nilsen

## Working together at eye level for added customer value

Both companies have developed unique systems that, when combined, become a superior asset for the professional user. For Quantum-Systems it was of enormous importance to work with a partner at eye level who is sharing similar values and attitudes. “With Teleplan, we have found exactly this opportunity: two medium-sized companies and global market leaders in their field are more agile, faster and significantly more cost-effective than the established major players in this fields,” states Quantum-Systems CEO Florian Seibel.

The task of the new joint venture is to develop, produce and sell new and innovative products as well as services to solve the challenges of close air support missions and related information sharing to all parties.

"As a leading provider of software and solutions for decision makers that protect people, assets and institutions, we see a huge opportunity in this cooperation," explains Teleplan Globe Vice President of Sales & Marketing Magne Killingstad. "In addition to its expertise in electronics and UAV development, manufacturing and repair, Quantum-Systems offers its global sales network."

## Generating a practicable superior asset

Teleplan Globe developed the FACNAV system to meet the high demands of an elite unit within the Norwegian Special Forces. The daily operations require flawless and advanced information sharing. To enhance these capabilities, Teleplan Globe teamed up with Quantum-Systems Vector UAS to create a platform for increased precision in special operation missions.

The cooperation between Quantum-Systems and Teleplan Globe started in April 2022, when the German Material Procurement Agency, [BAAINBw](#) awarded Teleplan Globe the contract to provide the German Armed Forces with the FACNAV system for Joint Terminal Attack Controllers (JTAC).

Quantum-Systems then got in touch with Teleplan Globe and within a few days we had a complete integration of our Vector into the FACNAV software.

*Florian Seibel, CEO Quantum-Systems*

*“We were able to complete a so-called “zero-day” integration within one day. The Quantum-Systems and Teleplan Globe teams were able to get the video and meta-data into the FACNAV system in real time right off the bat. This could provide immediate added value, at no additional cost, to the German Army in case the special forces decide to procure our Vector reconnaissance drones as part of their Falke procurement programme.”*

*Magne Killingstad, Vice President Marketing & Sales, Teleplan Globe*

*“The ease-of-use of both our products enable the end-users to swiftly set up and operate in the situations they train for and are actively involved in. Innovative technology combined with the ambition of two forward-leaning agile companies sets the stage for new capabilities for the warfighters. Through live testing with Quantum Systems, we have seen the unprecedented effect of their sensors combined with Teleplan Globes software and we are eager to see where this can progress further in Germany and abroad”.*

## Quantum-Systems Vector UAS - The 2in1 Vertical Take-off Reconnaissance UAV



Quantum-System Vector UAS with Raptor Camera Sensor

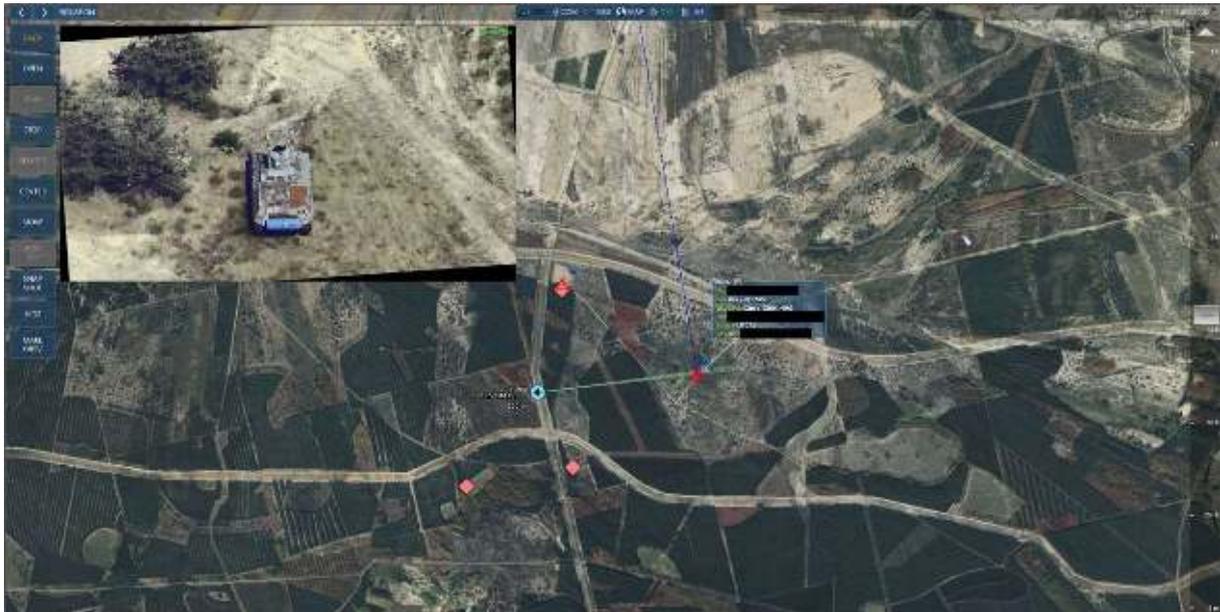
The Vector Vertical Take-Off and Landing (VTOL) Unmanned Aerial System (UAS) provides capabilities to both military and security forces that exceed the performance of current tactical UAS platforms in service all over the world. It is a military grade UAS built to last and bring capabilities to the battlefield not available today.

The ability to operate in the most difficult terrain and in urban environments combined with extremely low noise emission makes Vector the perfect UAS for a wide range of military and security applications. Since recently, Vector UAS from Quantum-Systems are also [deployed in Ukraine](#).

A variety of gimbaled sensors can be equipped for maximum usability, including thermal imaging cameras, day cameras, infrared cameras, and more. Command & Control range is 15-25 km, while flight time is up to 120 minutes—all combined in a compact and robust electric VTOL UAS.

[Learn more about the Vector UAS](#)

FACNAV – developed to offer game changing and battle-winning capabilities.



Vector UAS & FACNAV Dashboard

Teleplan Globe developed FACNAV to meet Norwegian Special Forces' need to conduct Close Air Support and navigation with a need for extreme precision in combat operations. Focus has been to manage procedures that require both flawless and advanced information sharing.

Since its early days of operations, FACNAV has evolved to support commanders, staffs, units, crews, and operators in planning and executing operations on all levels up to Battalion and HQ.

FACNAV supports a wide range of target locators and designators including the most commonly used by NATO and Western Joint Terminal Attack Controllers and Joint Forward Observers (JTACs/JFOs). FACNAV automatically populates the digital map for further military actions. Furthermore, FACNAV assists, directly or indirectly, the process of delivering effects on targets.

Utilizing a recent contract with the German Armed Forces, Teleplan can reproduce and adapt the FACNAV JTAC system and deliver JTAC systems as complete capabilities ready to be used by NATO nations in the fastest way possible

### **About Quantum-Systems**

Quantum-Systems GmbH develops and deploys small Unmanned Aircraft Systems (sUAS) for the geospatial community (commercial product line) and the defence, security, and intelligence community (governmental product line), providing unprecedented data quality, efficiency, and operational usability.

The fully autonomous sUAS with AI edge computing capabilities enable its users to capitalise on the emerging megatrend of autonomous sUAS data acquisition solutions that will open entirely new markets and applications. All Quantum-Systems sUAS combine eVTOL (electrical vertical take-off and landing) capabilities with long-range utilising electrical and aerodynamic efficiency.

The continuous integration of state-of-the-art sensors into the systems allows for increased aerial data intelligence.

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**About Teleplan Globe**

Teleplan Globe AS develops software products and solutions for defence, police, public safety, and security authorities. We are experts in C2 and ISR and utilize agile development methods. Our field proven systems are in use in several international operations to support personnel in their challenging and time critical tasks.

As a consequence, our systems must be accurate, reliable and interoperable. Our systems engineers are known for their commitment and contribution to solving our customers' needs, not least we simplify the interaction between the user and the technology. Teleplan Globe is a family-owned company, established in 1959 and part of the Teleplan Group. The company has an extraordinary military knowledge base, and Teleplan Globe is called upon when commanders need a solution to trust.

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