



## **Auterion GS and Quantum-Systems Enhance Their Small Unmanned Aircraft Systems with Silvus Technologies' Advanced MN-MIMO Communication Products**



*Los Angeles and Munich - June 16, 2020* - Quantum-Systems GmbH and Auterion GS Inc are pleased to announce a partnership with Silvus Technologies to integrate Silvus' advanced, MIMO Streamcaster Radios into Vector™ and Scorpion™ small Unmanned Aircraft Systems (sUAS).

The MN-MIMO technology in the Silvus 4200 and 4400 Streamcaster series radios provides high speed, tactically secure data, and high definition video communications in tough RF environments. For sUAS customers, the integration of a Mobile Ad Hoc Network (MANET) radio into our systems enables robust, assured networking between the air vehicle and the ground controller and interoperability with other nodes on the network.

Vector and Scorpion form a 2-in-1 sUAS system kit. Scorpion is a tri-copter that can be utilized for dynamic urban environments and other mission sets that require a combination of

maneuverability and hover to collect ISR and Situation Awareness information. By configuring the base fuselage with fixed wings and tail section, Scorpion transforms into Vector, an energy-efficient, fixed-wing VTOL for longer range, longer endurance ISR missions.

The pairing of Silvus' MN-MIMO technology with the Vector and Scorpion 2-in-1 system will provide long range, robust, and reliable communications and surveillance capabilities suitable for rugged and rapidly changing environments.

Florian Seibel, CEO of Quantum-Systems said, "We have tested several tactical mesh radios in several scenarios before making our decision to go with Silvus: range, reliability and performance are class-leading. Because there are versions available from Silvus that are non-ITAR this will help to sell our Vector and Scorpion on a global scale"

David Sharpin, CEO of Auterion GS said, "We are very pleased to announce our partnership with Silvus Technologies as we bring Vector and Scorpion to US Defense and Security markets. Flexible, multi-node, tactical networking is a key element of our sUAS ecosystem. Last week we announced our Skynav Gov scalable ground controller. Silvus radios will be integrated with Skynav controllers which will in-turn be integrated into the Vector/Scorpion sUAS product offering in the US."

Kasey Cooper, Director of Unmanned Systems for Silvus Technologies, said "The partnership between the Quantum-Systems, Auterion GS, and Silvus Technologies aligns with our desire to collaborate with cutting edge companies and technologies. This teaming will give our customers, foreign and abroad, a highly sophisticated end-to-end solution for their sUAS needs. The Vector and Scorpion 2-in-1 sUAS system kit solves a long standing CONOPS problem I've seen. The quick reaction capabilities of a small VTOL and long endurance desires of a fixed-wing, all in one kit."

**About Auterion GS Inc:** Auterion GS is building an ecosystem of unmanned systems capabilities by providing everything from assured hardware components, to integrated software, to complete sUAS solutions. We are a catalyst in driving adoption of open standards and software based on open source for Government customers. We are located in Moorpark, California. Learn more at [www.auterion-gs.com](http://www.auterion-gs.com).

**About Quantum-Systems GmbH:** The Munich based company has been developing class-leading VTOL sUAS for the mapping industry. Our Trinity F90+, together with qBase, the Quantum proprietary mission planning and execution software, has been deployed hundreds of times into commercial operations. Learn more at [www.quantum-systems.com](http://www.quantum-systems.com).

**About Silvus Technologies:** Privately held and headquartered in Los Angeles, Silvus Technologies develops advanced MIMO technologies that are reshaping broadband wireless connectivity for mission-critical applications. Backed by an unmatched team of PhD scientists and design engineers, its technologies provide enhanced wireless data throughput, interference mitigation, improved range, mobility, and robustness to address the growing needs of its government and commercial customers. Learn more at [www.silvustechnologies.com](http://www.silvustechnologies.com).