

# TECHNICAL FIELD DEMONSTRATION

## Silvus Technologies Delivers Tactical Communications at EDGE 23

StreamCaster MANET Radios Provide C2 & Secure Mesh Network Communications for Multiple U.S. Army Aviation and Joint Forces Manned and Unmanned Aircraft

### Overview

Silvus Technologies, a global leader of advanced wireless networking communication systems, announced the successful demonstration of its StreamCaster MANET radios and MN-MIMO waveform to create a robust and secure mesh network at the U.S. Army Aviation Experimental Demonstration Gateway Exercise (EDGE 23) recently held at U.S. Army Yuma Proving Ground. Hosted by the Army Futures Command (AFC) Future Vertical Lift Cross-Functional Team (FVL CFT), this event brought together multiple U.S. Army Aviation units, industry and international partners in a soldier-led experimental exercise designed to demonstrate the interoperability of a systems of systems approach that bridges existing platform capabilities with emerging technologies. Experience and key learnings gained from the event will help to inform Joint All-Domain Command and Control (JADC2) and extend the reach and capability of future Army aircraft.

### Mission Critical Solutions – Battle Proven Performance

The Silvus family of advanced StreamCaster MANET radios deliver high-fidelity video, voice and data communications with class-leading range, throughput, EW resiliency and scalability. At the heart of every StreamCaster MANET radio is Silvus' proprietary MN-MIMO waveform that creates a self-forming, self-healing, and adaptive mesh network – capable of linking hundreds of nodes across multi-domain operations. Purpose-built for congested and contested environments, StreamCaster MANET radios and MN-MIMO waveform provide exceptional performance in complex RF spectrum environments, making it ideal for long-range, high multi-path and extreme non-line-of-sight communications.

At EDGE 23, the Silvus mesh network seamlessly integrated multiple manned and unmanned aircraft, providing C2 and protected communications for operators and network connectivity to the joint operational center. Silvus StreamCaster MANET radios and MN-MIMO waveform mesh network capabilities demonstrated at EDGE 23 are exemplary of its battle-tested performance across key Army Modernization programs, delivering on the Army's goal of achieving decision dominance and communications superiority on the battlefield.

"StreamCaster MANET radios provide robust, high bandwidth connectivity for the Army with our MN-MIMO waveform that has been battle-proven with ground forces, on-the-move and aerial tier units across multi-domain operations," said Jimi Henderson, Vice President of Sales at Silvus. "At EDGE 23 we successfully demonstrated the scale, resilience, and capacity of the Silvus mesh network to provide C2 and ISR connectivity in complex manned/unmanned teaming operations."

### For More Information

Learn more about the StreamCaster family of MANET radios on our [website](#), or to request a demonstration to test it for yourself, contact your Silvus Sales Representative or email: [info@silvustechnologies.com](mailto:info@silvustechnologies.com)