

FOR IMMEDIATE RELEASE

Silvus Technologies StreamCaster LITE 5200 Added to DIU Blue UAS Framework
Delivering Powerful MANET Radio Performance for Leading-Edge Unmanned Systems
Expands Silvus' Portfolio of NDAA Compliant MANET Radios for the Blue UAS Ecosystem

- Built for unmanned systems operating at the tactical edge, Silvus' StreamCaster LITE 5200 (SL5200) delivers optimized power, high-bandwidth throughput, and advanced mesh-networking performance in an ultra-low Size, Weight, and Power (SWaP) OEM MANET radio module form factor.
- SL5200 joins the SC4200EP and SL4200 MANET radios on the Blue UAS Framework - designated by DIU as NDAA compliant and approved for use in conjunction with Blue UAS platforms.

Los Angeles, CA – June 19, 2025 – Silvus Technologies, Inc. ("Silvus"), a global leader in advanced wireless networking communication systems, today announced that the U.S. Department of Defense (DoD), Defense Innovation Unit (DIU), has officially added Silvus' StreamCaster LITE 5200 (SL5200) OEM Module to the Blue UAS Framework. Delivering powerful MANET radio performance for today's leading-edge unmanned systems, the SL5200 unifies C2, sensor and telemetry data with communications relay capabilities in an easy to integrate, ultra-low SWaP OEM module form factor.

After undergoing the Blue UAS program's rigorous evaluation, this certification validates the SL5200 compliance with DoD standards for cybersecurity, supply chain integrity and operational reliability. Interoperable and NDAA compliant, the SL5200 has been approved for use in conjunction with Blue UAS platforms.

The SL5200 joins the StreamCaster SC4200EP and StreamCaster LITE SL4200 MANET radios on the Blue UAS Framework – exemplifying Silvus' commitment to delivering robust, secure, and reliable C2 and mesh networked communications solutions for unmanned operations across any domain.

"Silvus continues to push the boundaries of mesh networking for mission-critical unmanned systems applications," said Jimi Henderson, VP of Sales, Silvus Technologies. "With all three of our latest StreamCaster MANET radios now on the Blue UAS Framework – we're proud to lead the way in secure, resilient communications technology for unmanned systems developers."

SL5200: Blue UAS Framework Certified. The Power To Perform

Compact and powerfully versatile, the SL5200 delivers class-leading power, range, and tactical mobility with up to 2 Watts output power (4W effective power, thanks to TX Eigen-Beamforming), and 100 Mbps data rate for bi-directional C2, video, sensor and telemetry data communications in one self-contained OEM Module.

Featuring an ultra-low SWaP profile (52g), with multiple I/O interface options (Ethernet, USB, RS232), the SL5200 is designed for seamless integration into leading-edge unmanned systems, loitering munitions, and other SWaP constrained embedded applications. Systems operators can now experience Group 2 UAV level radio performance in a compact form factor engineered for Group 1 sized platforms.



At the heart of every StreamCaster MANET radio is Silvus' battle-proven MN-MIMO waveform, that creates a self-forming and adaptive mesh network – capable of linking hundreds of nodes with unmatched range, throughput, EW resiliency and scalability. With the SL5200, operators can connect multiple UAVs, UGVs, USVs, sensors, personnel, and manned/unmanned platforms, to actualize a common operating picture through one massively scalable mesh network. The SL5200 is seamlessly compatible with 4000-series StreamCaster MANET radios, ensuring interoperability across a diverse range of applications.

In addition to AES256 and FIPS 140-3 encryption for secure operations, the SL5200 provides available access to Silvus' Spectrum Dominance – an expansive suite of LPI/LPD and Anti-Jamming resiliency capabilities. Silvus is the only tactical MANET radio provider that delivers Spectrum Dominance secure and protected communications in complex, congested and contested environments, without sacrificing performance.

Learn more about the StreamCaster family of MANET radios on our [website](#) and follow us on [LinkedIn](#).

About DIU Blue UAS Framework

The Defense Innovation Unit (DIU) Blue UAS Framework program provides advanced capabilities to sUAS developers and reduces risk for government customers, ensuring that only secure and NDAA compliant UAS components and software are used in critical defense operations. For more information visit: <https://www.diu.mil/blue-uas/framework>.

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About Silvus Technologies, Inc.

As the world's leading provider of advanced MANET and MIMO communications systems, Silvus Technologies is reshaping mesh network technology for mission-critical applications – on the ground, in the air, and at sea. Its battle proven StreamCaster family of MANET radios and proprietary MN-MIMO waveform provides the vital communications link for defense, law enforcement, and public safety agencies around the world, and in the toughest operational environments. Developed by a team of top PhD scientists and design engineers, Silvus Technologies continues to innovate communications technology for the tactical edge with unmatched range, data throughput, EW resiliency, and scalability. Silvus Technologies is privately held with world headquarters located in Los Angeles, CA. Learn more at <https://silvustechologies.com>.

Media Contact: Keith Swenson, 310.479.3333, Keith.swenson@silvustechologies.com

Silvus - Sales Contact: Jimi Henderson, 310.479.3333, jimi@silvustechologies.com