

FOR IMMEDIATE RELEASE

Silvus Technologies Introduces StreamCaster 4400 XTREME
Ultra-Ruggedized MANET Radio
Delivering Mission-Critical Connectivity in the World's Harshest Environments

- **Built for the Extreme** – With a MIL-A-8625-F Type III hard anodized enclosure and corrosion-resistant connectors, the StreamCaster 4400 XTREME MANET radio is purpose-built to deliver high-performance mesh network connectivity in harsh maritime, littoral, and highly corrosive environments.
- **Extreme Performance** – Powered by Silvus' battle-proven MN-MIMO waveform, the SC4400X delivers unmatched range, data throughput, EW resilience and scalability for mission-critical operations in the harshest environments.
- **Seamless Compatibility** – Utilizing the same mounting pattern of the flagship SC4400E, the SC4400X provides a seamlessly compatible option for fixed infrastructure, vehicular, and airborne applications that demand field-proven StreamCaster MANET radio performance in a rugged, survivable form factor.

LOS ANGELES, CA — July 23, 2025 — Silvus Technologies, Inc. ("Silvus"), a global leader in advanced wireless networking solutions, today announced the launch of the StreamCaster® 4400 XTREME (SC4400X) MANET radio. Delivering high-fidelity video, voice, and IP data communications in an ultra-ruggedized form factor, the SC4400X is purpose-built for maritime, littoral, and other highly corrosive environments where durability and maximum MANET radio performance are mission-critical.

Engineered to be as tough as the mission, the SC4400X builds upon the proven performance of the StreamCaster 4400 Enhanced (SC4400E) MANET radio with up to 20 Watts of output power (80W effective, thanks to TX Eigen Beamforming), 100 Mbps data throughput and single/dual band frequency options, making it ideal for fixed infrastructure, vehicular and airborne applications in the harshest environments. Constructed from sea-grade aluminum with MIL-A-8625-F Type III hard anodizing, the SC4400X design features a single locking marine-grade connector, and optimized enclosure with enhanced thermal characteristics to improve passive cooling and thermal performance during sustained high-power operations.

Designed for maximum versatility, the SC4400X supports a wide 9 – 50 VDC input voltage range for flexible platform integration and features a built-in status LED for real-time operational feedback. Compatibility with the existing SC4400E mounting pattern allows for seamless incorporation into existing deployed integrations, including StreamCaster PRISM.

Powered by Silvus' battle-proven MN-MIMO waveform, the SC4400X delivers robust, high-bandwidth connectivity – capable of creating massively scalable mesh networks that connect hundreds of nodes with unmatched range, data throughput, and EW resiliency in contested spectrum environments.



In addition to AES256 and FIPS 140-3 Level 2 encryption for secure operations, the SC4400X provides access to Spectrum Dominance 2.0 – an expansive suite of LPI/LPD, Anti-Jamming EW resiliency and Advanced Threat Protection capabilities – providing secure and protected communications without sacrificing performance, even in contested environments.

“We developed the SC4400X in direct response to the growing demand for resilient MANET radio solutions that can operate in salt-laden, high-humidity and highly corrosive environments without compromising performance,” said Neema Daneshvar, Vice President of Product at Silvus Technologies. “Whether for shipboard, littoral, or offshore applications, the SC4400X delivers the class-leading tactical mesh networking power of Silvus’ StreamCaster 4400 MANET radio in a form factor that thrives where others corrode.”

With the launch of the SC4400X, Silvus Technologies continues to expand the StreamCaster family of MANET radios, reinforcing its commitment to delivering mission-ready, wireless networking solutions that extend tactical communications across the world’s most challenging operational environments.

To learn more, visit www.silvustechologies.com. Stay connected with Silvus on [LinkedIn](#).

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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 <http://www.silvustechologies.com>.

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