

SILVUS TECHNOLOGIES

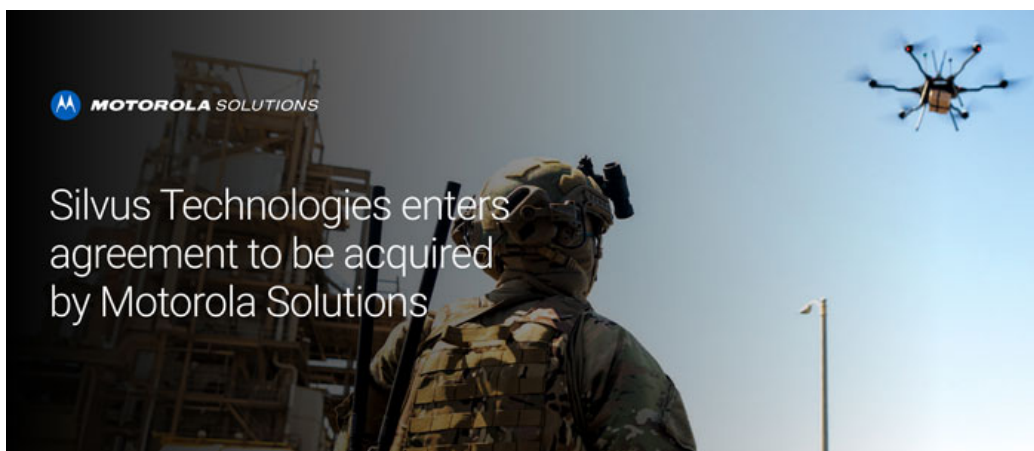
[Why Silvus?](#)

[StreamCaster Radios](#)

[Applications](#)

Quarterly Newsletter | Q2 2025

Announcements



Silvus Technologies enters into a definitive agreement to be acquired by Motorola Solutions

Silvus Technologies is pleased to announce that it has entered a definitive agreement to be acquired by Motorola Solutions, a global leader in public safety and enterprise security. CEO Babak Daneshrad said, "We're inspired by Motorola Solutions' deep tradition of innovation. The idea that safety is the foundation on which better lives are built is not just a deeply held belief our companies share, but is the motivating force behind our R&D and work. I look forward to our future together, unifying the strengths of our advanced engineering teams in pursuit of serving those who protect us all."

[Read press release >](#)

Product Innovations



Spectrum Dominance 2.0

Outpace The Threat. Achieve RF Spectrum Overmatch

As a software licensable extension to Silvus' battle-proven MN-MIMO waveform, Spectrum Dominance is an ever-expanding suite of Low Probability of Intercept/Low Probability of Detection, Anti-Jamming EW resiliency, and Advanced Threat Protection capabilities — providing secure and protected communications without sacrificing performance. Together, they enable StreamCaster® MANET radios to thrive in the most congested and contested RF environments, empowering operators to achieve mission objectives even under electronic attack.

[Learn more >](#)



StreamCaster 4400 XTREME (SC4400X)

Mission Critical Connectivity In The Harshest Environments

Delivering high-fidelity video, voice, and IP data communications in an ultra-ruggedized form factor, the new StreamCaster 4400 XTREME (SC4400X) MANET radio is constructed from sea-grade aluminum with MIL-A-8625-F Type III hard anodizing and equipped with a marine-grade locking connector, making it purpose-built for maritime, littoral, and other highly corrosive environments where durability and maximum MANET radio performance are mission-critical.

[Learn more >](#)



DualStream PTT Controller Enhanced Communications For The Connected Operator

The DualStream PTT Controller streamlines tactical communications with intuitive, mission-critical features that enhance situational awareness in dynamic environments. Engineered for rapid, glove-friendly operation, it features a 16-position talk group selector with real-time audio prompts. Dual PTT buttons allow operators to toggle between two talk groups or transmit to both simultaneously, while dedicated volume controls and left/right audio channel output ensure customizable communication. With IP-67 rated construction and a rotatable MOLLE clip, the DualStream PTT Controller delivers plug-and-play simplicity and unmatched reliability in the field.

[Learn more >](#)



StreamScape ATA Plugin Total Network Awareness In The Palm Of Your Hand

Take control of your communications network— anywhere, anytime. The new free-to-use StreamScape ATA Plugin brings the power of StreamCaster MANET radios and the intuitive StreamScape GUI directly to your handheld ATA-enabled EUD. Designed for mission-critical mobility, this plugin puts advanced radio and network management capabilities right at your fingertips, giving you full situational awareness and control on the go— no laptop required. Whether you're on the ground, in a vehicle, or on the move, you'll have the tools to monitor and configure your StreamCaster MANET radio network in real time.

[Learn more >](#)



StreamCaster LITE 5200 (SL5200) Achieves DIU Blue Framework and AUVSI Green UAS Certification

The StreamCaster LITE 5200 (SL5200) OEM Module has been added to the

[Learn more >](#)

SL5200 ACHIEVES 85 KM LINK RANGE UTILIZING OMNI ANTENNAS PUSHING THE LIMITS OF UAV OPERATIONS

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(CASE STUDY)

SL5200 AIR TO GROUND LINK RANGE TEST RESULTS

The SL5200 achieved 85 km link range utilizing omni antennas on the aircraft and on the GCS, nearly doubling the expected far end-to-end link range. Even when introducing the expected loss of the line-of-sight, and the changing environment as the GCS for the test results utilized the U.S. Department of Defense's (DoD) SL5200, performance is expected to be significantly higher and more robust in operation, all without the need for external amplifiers or external antennas.

NOTE: All tests performed on 5 April 2020 (2020-04-05) using

SL5200 LINK RANGE TEST RESULTS

Actual Link Range
U.S. DoD Link Range
Expected Link Range

NOTE: Other systems are available for use in the field. Actual performance may vary based on a variety of operational conditions and environmental factors. Actual performance may vary based on a variety of operational conditions and environmental factors.

TAKE YOUR MISSION FURTHER

The SL5200 achieves long-range G2 and multi-sensor fusion - without external relays or costly tracking antennas - advancing the mission capabilities of unmanned systems.

- Increased flight range for search and rescue operations
- Expanded mission range for critical ISR missions
- Operates further from the GCS for greater payload flexibility
- Operates in urban and/or hostile environments

LEARN MORE

Compare our StreamCaster LITE 5200 to other systems and learn more about the StreamCaster LITE 5200 by yourself. Contact your local Sales Representative or email sales@silvustechnologies.com

Learn more about the StreamCaster LITE 5200 at www.silvustechnologies.com or Request a Demo brochure SL5200 by yourself. Contact your local Sales Representative or email sales@silvustechnologies.com

SL5200 ACHIEVES 85 KM LINK RANGE UTILIZING OMNI ANTENNAS

Case Study

StreamCaster LITE 5200

THE POWER TO PERFORM

SiLVUS
TECHNOLOGIES

[Read case study >](#)



Case Study — Altaeros & StreamCaster MANET Radios

At [T-REX 25-1](#), Silvus and [Altaeros](#) joined forces to support the U.S. Army's Counter-UAS (CUAS) operational exercise. StreamCaster MANET radios, powered by its battle-proven MN-MIMO waveform, were integrated into Altaeros' ST-Flex autonomous Aerostat. Flying at a persistent height of 1000ft AGL, together we established an ultra-wide-area tactical mesh network – fusing sensors to effectors and elevating C-UAS capabilities.

[Read case study >](#)



U.S. Army — Exercise Arcane Thunder

An [Aerostar](#) Thunderhead Balloon Platform was launched from Sioux Falls, South Dakota, on May 8, 2025, and piloted to Fort Huachuca, Arizona, in support of the Army's Exercise Arcane Thunder 2025. For multiple weeks, the Thunderhead balloon provided connectivity from the stratosphere to other assets in flight and forces on the ground. Equipped with a gimbaled antenna and Silvus [StreamCaster SC4400E MANET radio](#), the Thunderhead seamlessly connected with a [Kraus Hamdani Aerospace K1000ULE](#) (Ultra Long Endurance) UAS while in flight, and unattended ground sensors. With StreamCaster MANET radios in the air and on the ground, powered by Silvus'

battle-proven MN-MIMO waveform, together we created a multi-domain “network of networks” capability – delivering persistent stratospheric-based sensors, real-time ISR and RSTA data through the Army’s 2nd Multi-Domain Task Force mission command systems for AI-driven analytics and integrated targeting. With seamless interoperability Aerostar, Silvus and Kraus - Exercise Arcane Thunder showcased how industry is partnering to advance the Army’s ability to “fight with live data”, expediting the sensor-to-shooter kill chain across a large-scale combat theater.

[Learn more >](#)



Disaster Response Video Series

When disaster strikes, connectivity is critical. As natural disasters grow in frequency and intensity, local and federal response teams face a common challenge: staying connected in areas where traditional communications infrastructure is damaged or destroyed. To help address this, we launched a 4-part video series on Disaster Response Communications — hosted by Austin Miller and Silvus Sales Engineer Justin Swartz, who shares insights from the field, including his work supporting emergency teams during Hurricane Helene in Steinhatchee, Florida.

[Watch now >](#)



Colorado Public Safety Technology Seminar

Silvus was proud to sponsor and showcase cutting-edge tactical communications technology at the Colorado Public Safety Technology Seminar, demonstrating the power of TAK-enabled solutions for public safety operations. Alongside leading tech partners and attendees representing 20 public safety agencies, the Silvus team delivered hands-on demos and expert insights into the future of connected response operations. At the center of it all: StreamCaster MANET radios, powered by Silvus' proprietary MN-MIMO waveform. Together they created a Tactical Bubble, unifying sensors and mission-critical tech with unmatched range, scalability, and throughput. When paired with TAK, they provided reliable comms and a unified operating picture, even in austere environments and without the need for dedicated infrastructure.

[Learn more >](#)



Skyborne Technologies Partnership

At Silvus, innovation never rests. We're thrilled to partner with [Skyborne Technologies](#) to advance United States Marine Corps unmanned systems multi-mission capabilities, delivering resilient, high-performance connectivity

through the integration of StreamCasterMANET radios onboard Skyborne's Cerberus MI sUAS. This powerful pairing equips warfighters with mission critical comms and precision strike capabilities in a man-packable platform—ready to operate in the most complex and contested environments.

[Learn more >](#)



Heart Mountain Challenge Recap

Silvus was proud to support the Special Operations Warrior Foundation as the Title Sponsor of this year's Heart Mountain Challenge. Over 150 of the nation's top marksmen pushed their skills to the limit at distances up to 2,000 yards – with proceeds benefiting the families of fallen Special Operators, and Medal of Honor Recipients. This wasn't just a long-range shooting competition for an amazing cause, it was a full-spectrum tech showcase — for the first time, spectators were brought closer to the action through the Silvus Tactical Bubble powered by StreamCaster MANET radios and proprietary MN-MIMO waveform. The result: a seamless network connecting body-worn cameras, sensors, EUDs, and live target feeds into the event's livestream on YouTube, and across the ATAK ecosystem.

[Learn more >](#)



Modern Day Marine Recap

At Modern Day Marine 2025, Silvus proudly showcased how we're advancing USMC modernization efforts with our advanced StreamCaster MANET radios, powered by battle proven MN-MIMO waveform technology. Attendees went hands-on with integrated connectivity solutions, including StreamCaster PRISM for long-range, sectorized coverage for air & ground operations, StreamConnect enabling global BLOS connectivity, and the Spectrum Dominance expansive suite of LPI/LPD and Anti-Jam EW resiliency capabilities purpose-built for operations in contested environments. We're honored to support Force Design 2030, equipping the Marine warfighter with advanced tactical communications solutions that enhance situational awareness and deliver spectrum overmatch at the tactical edge.

[Learn more >](#)

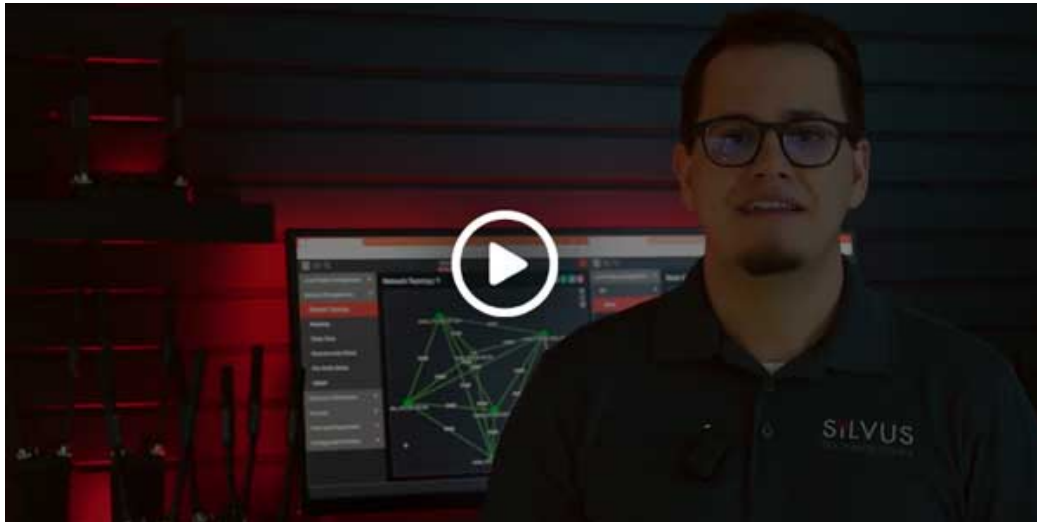


SOF Week Recap

At SOF Week 2025, we featured how StreamCaster MANET radios are empowering operators across today's dynamic battlespace. Together with Silvus' battle-proven MN-MIMO waveform and Spectrum Dominance expansive suite of LPI/LPD and Anti-Jamming resiliency capabilities, Silvus is

delivering RF spectrum overmatch to the warfighter with secure and protected tactical communications in any operational environment.

[Learn more >](#)



StreamConnect Walkthrough with Austin Miller

StreamConnect: Global Ad Hoc Network is our free-to-use WAN backbone solution that integrates StreamCaster MANET radios with the power of the internet, enabling seamless BLOS connectivity anywhere in the world. Join Austin Miller as he breaks down how StreamConnect enhances mobility, simplifies setup, and extends mission-critical comms beyond RF range.

[Watch now >](#)

Customer Support Portal

[Request access >](#)

Get the most out of your Silvus equipment and ensure flawless operation of your tactical communications network. Available exclusively to Silvus customers, partners and end users, the Silvus Customer Support Portal gives you access to firmware updates and technical publications, advanced StreamCaster training videos and in-depth training tutorials, and answers to common questions in the FAQ section.

2nd Quarter Tutorial Video Highlights:

- WiFi Dongle Tutorial



FILES

Download firmware updates, manuals, and content.



VIDEOS

View instructional videos, troubleshooting tips, etc.



FAQ

Find answers to commonly asked questions.



SUPPORT

Request technical support, loans, and RMA's.

StreamCaster Training Program

[Learn more >](#)

Designed for Silvus customers and end-users, this immersive training experience equips organizations with the skills and experience to unlock the full potential of StreamCaster MANET radios for operational success.

2025 Course Schedule at Silvus HQ, Los Angeles, CA:

- August 4-7
- October 27-30
- December 8-11



Training At Your Location

Can't make it to HQ? Silvus instructors can bring the StreamCaster Training Program to you onsite to train your team on the go.

[Inquire about onsite training >](#)

Personnel Announcements



John Robins

Director of International Business Development

With over 30 years of experience in communications solutions for global defense and security applications, John has held leadership roles at Thales Defense & Security, Codan Radio Communications and Icom America - defining his expertise in business development, strategic planning and program management across the U.S and International markets. John's deep technical expertise in communications technology and integrated solutions will be instrumental as he also spearheads co-developed solutions with strategic partners around the world.



Dan Delaney

Director of Channel Sales

Dan brings over three decades of experience leading high-performing sales teams and building successful channel partnerships across the tactical communications landscape – including senior roles at Motorola Solutions, BearCom, Zetron, and most recently Catalyst Communications Technologies. With a proven track record of delivering innovative mission-critical communication solutions for government, law enforcement, public safety and enterprise sectors – Dan will play a key role in expanding access to Silvus' StreamCaster MANET radios and cutting-edge mesh networking technology through channel partners across the U.S.



Jason Tyre

Director of Sales, Public Safety & Commercial

Jason brings to Silvus over 18 years of experience as a Detective with the Phoenix Police Department, including assignment to the Arizona Counter Terrorism Information Center, and as a founding member of the State's Threat Mitigation Unit. His work with DHS, FBI Cyber Task Force, and public/private sector partners across all 16 critical infrastructure sectors underscores his deep expertise in advanced security technologies. A recognized subject matter expert in tech-driven security solutions, Jason most recently contributed to global AI video analytics innovation at Milestone Systems. From tactical missions to large-scale operations, Jason steps into a pivotal role

advancing Silvus' mission of delivering powerful, reliable, and easy-to-use Tactical Bubble mesh network connectivity that law enforcement, public safety and enterprise users can count on.



Bret Gratson
Senior Field Service Representative

Bret brings over two decades of military and industry experience, including 12 years in U.S. Special Operations and 7 years leading ISR sensor operations at a Fortune 500 defense firm. From mission planning to tactical training, Bret has consistently excelled in high-stress, high-stakes environments. His deep expertise includes instructing and deploying ATAK, RAAVAK, and mesh network systems across joint U.S. and international operations, both in combat and training. Bret's background in ISR integration, RF signature mitigation, encryption, and technical surveillance aligns perfectly with Silvus' mission to deliver robust, resilient communications to the edge.

Careers

[Explore all open roles >](#)

Join our team in solving the toughest tactical communications problems on the planet. With a wide range of opportunities available from engineering to sales, operations and corporate positions, Silvus is the perfect fit for those with a passion for technology and commitment to excellence.

West LA

- [Senior FPGA Design Engineer](#)
- [Senior Defensive Security Engineer — Embedded Systems](#)
- [Senior Embedded Software Engineer — R&D](#)
- [Export Compliance Specialist](#)
- [Sales Development Representative](#)
- [Applications Engineer](#)
- [Director of R&D Pursuits](#)
- [Principal Investigator — R&D Engineering](#)

Irvine

- [Principal FPGA/RTL Design Engineer](#)

US Remote

- [Director of Business Development, U.S. Army](#)

Trade Shows

See all >

Attending these upcoming shows? Reach out to your Silvus Sales Representative to connect on the show floor.



NATIA
Aug 5-7
Milwaukee, WI



TechNet Augusta
Aug 19-21
Arlington, VA



NTOA
Aug 24-29
Washington, D.C.



AUVSI Pathfinder
Aug 25-27
Huntsville, AL



Commercial UAV Expo
Sept 2-4
Las Vegas, NV



CONNECTU
Sept 2025
Las Vegas, NV



DSEI
Sept 9-12
London, UK



Unmanned Maritime Systems Technology
Sept 15-17
Arlington, VA



Air, Space & Cyber
Sept 22-24
National Harbor, MD



EWLive
Sept 23-26
Tartu, Estonia



SPECTRUM DOMINANCE 2.0

[Contact Us](#)

Silvus Technologies

10990 Wilshire Blvd., Suite #1600, Los Angeles, CA 90024
310-479-3333



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