

INFRASTRUCTURE-FREE TACTICAL NETWORKS

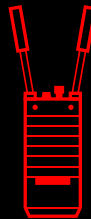
EMPOWERING PUBLIC SAFETY OPERATIONS

Today's dynamic public safety operations require mission-critical voice, video and data connectivity for real-time situational awareness and faster decision-making.

Silvus StreamCaster® MANET radios, powered by battle-proven MN-MIMO waveform create a self-forming, infrastructure-free **Tactical Bubble** – instantly connecting officers, aircraft, vehicles, command staff and unmanned systems into a unified, secure high-bandwidth mesh network that adapts to the mission – complementing existing LMR and LTE communications.

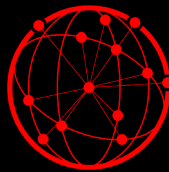
The Result: Faster Decisions, Safer Officers, Better Outcomes

RESILIENT TACTICAL NETWORKING FOR PUBLIC SAFETY OPERATIONS



StreamCaster MANET Radios

- Mission-critical Voice, HD video and IP data
- Rapid Deployment: Urban, Rural, Sub-T
- Optimized Output Power, High-Bandwidth Throughput, Wide Frequency Band Range
- Seamless Integration with cameras, sensors, UAVs, UGVs, and command vehicles
- Extension of LMR through Radio over IP (RoIP)



MN-MIMO Waveform

- Create Massively Scalable Mesh Networks, unifying Operational Assets
- Automatically monitors & adapts link conditions to Maximize Performance
- Class-leading Throughput, Range & Scalability
- Excels in Mobile, Long-Range, Multi-Path, Non-Line-of-Sight and congested RF environments

WHY CUSTOMERS CHOOSE SILVUS

Mission-Critical Solutions. Battle-Proven Performance



OPERATIONAL AREA	IMPACT
Event Security	Coordinate air, ground and mobile units with voice, real-time video feeds on their EUDs
Air to Ground Comms Relay	Seamless coordination across aircraft, vehicles, officers & mobile command centers
SWAT & SRT	Distribute live UAV & sensor data directly to operators & mobile command centers
RoIP & HQ Backhaul	Bridge Tactical Bubble to LMR, LTE, WiFi or SATCOM to extend operational range

STREAMCASTER MANET RADIOS

PRECISION PERFORMANCE TO MATCH YOUR MISSION

TACTICAL COMMUNICATIONS SOLUTIONS RESILIENT CONNECTIVITY FOR PUBLIC SAFETY OPERATIONS

StreamCaster SC4200EP/SC4400E

Delivering best-in-class performance and efficiency at the tactical edge. Low SWaP profile, ideal for vehicle, command center, body-worn or portable applications

- Up to 10/20 Watts Output Power (20W/80W Effective)
- Single/Dual Freq. Band Options (300MHz-6GHz)
- Up to 100 Mbps Data Rate
- Interfaces – Ethernet, USB, RS232, PTT
- Encryption – AES256; FIPS 140-3 Level 2



STREAMCASTER NEXUS

Tactical Networking System. Seamlessly pairs SM5200 MANET radio with Samsung's mission-ready EUD to deliver mission-critical connectivity and real-time situational awareness

- Up to 2 Watts Output Power (4W Effective)
- Single/Dual Freq. Band Options (L,S,C; L&S; S&C)
- Up to 100 Mbps Data Rate
- Interfaces – Ethernet, USB, RS232, PTT, RoIP
- Encryption – AES256; FIPS 140-3



STREAMCASTER PRISM

Integrated antenna & radio solution providing long-range, sectorized coverage across wide areas of operations. Rapidly deployable with toolless setup makes it ideal for air and ground applications

- Single/Dual Freq. Band Options (L,S,C; L&S; S&C)
- Single Sector (90° - 120°) to Multi-Sector (up to 360°)
- Cross-Polarized High-Gain Antennas (12-16 dBi)
- Integrated SC4400E MANET radios deliver up to 20W Output Power (80W Effective)

