

# SILVUS<sup>®</sup>

TECHNOLOGIES

PUSH-TO-TALK VOICE SOLUTIONS & ACCESSORIES

Push-to-Talk (PTT) Configurations  
Radio-over-IP (RoIP)  
Headset and Handset Portfolio



CONCEIVED IN THEORY ... TESTED IN THE BATTLEFIELD

# PUSH - TO - TALK (PTT) CONFIGURATIONS

Flexible and reliable, push-to-talk voice solutions that can be configured for your mission



## PTT SPECS

- G.711 / G.722 / Opus Codecs
- Multiple Multicast Talk Groups
- NATO 6-pin U-328 Interface Available
- Adjustable Mic and Speaker Volume

## PTT MODES

### Dual PTT (via Accessory)

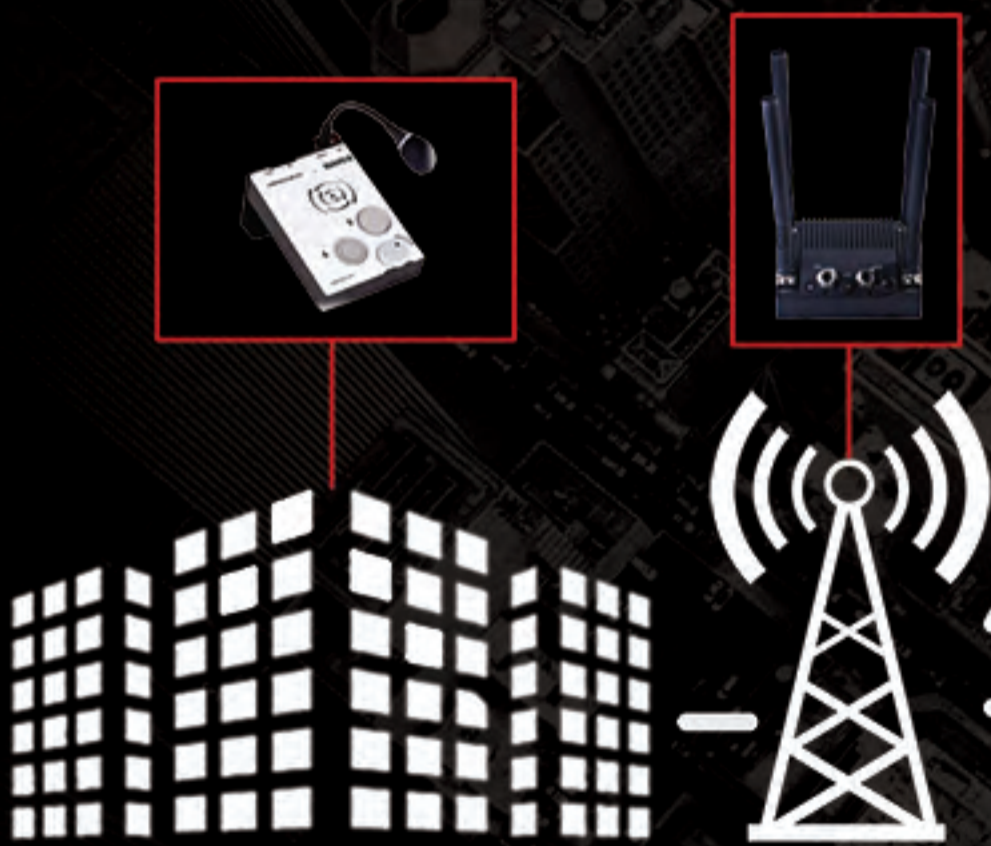
- Simultaneously operate 2 radios with one headset using Invisio control unit
- Support for left-ear/right-ear stereo



MN-MIMO  
TALK GROUP 1



MN-MIMO  
TALK GROUP 2



### VoIP PTT (via Accessory)

- Desktop VoIP console allows voice comms from anywhere on the LAN/WAN
- Useful when radio is inaccessible and audio cable cannot be extended

### Multi-Group PTT (Built-in)

- Toggle between multiple talk groups using multi-position knob
- Monitor (listen-only) and active modes for multiple talk groups

# RADIO OVER IP (RoIP)

## AUDIO EXTENSION THROUGH IP BACKHAUL

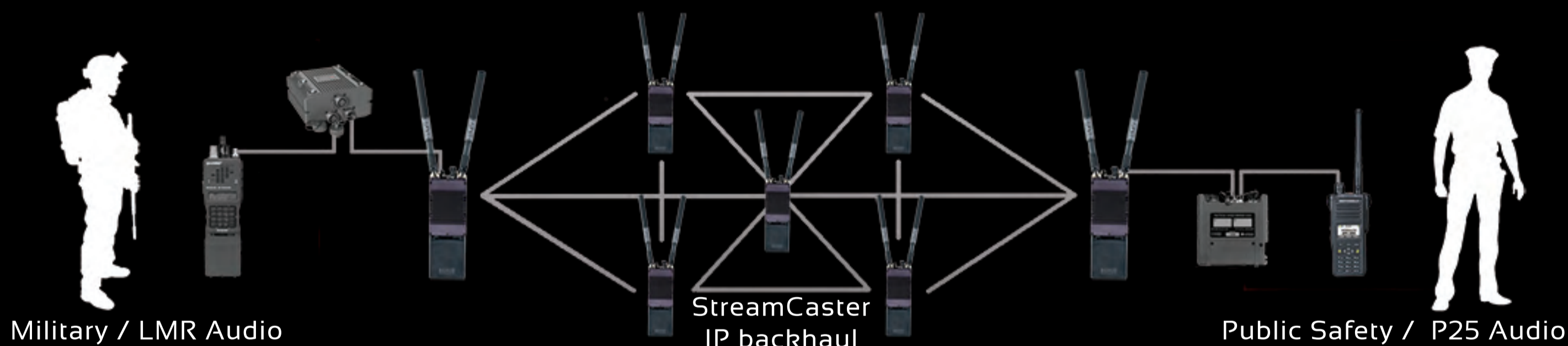
StreamCaster radios provide a layer 2 backhaul network for existing military and LMR radios

### Features

- Layer 2 network transports all IP traffic
- IGMP support for efficient multicast
- LAN and WAN backbone support for geographic extensions

### Supported Devices

- Military radios (Harris AN/PRC-159, Thales TH5310 IMBITR) using Cubic Vocality
- LMR radios (P25, TETRA) using Resilience Communications Tactical Voice Bridge (TVB)



## AUDIO INTEROPERABILITY

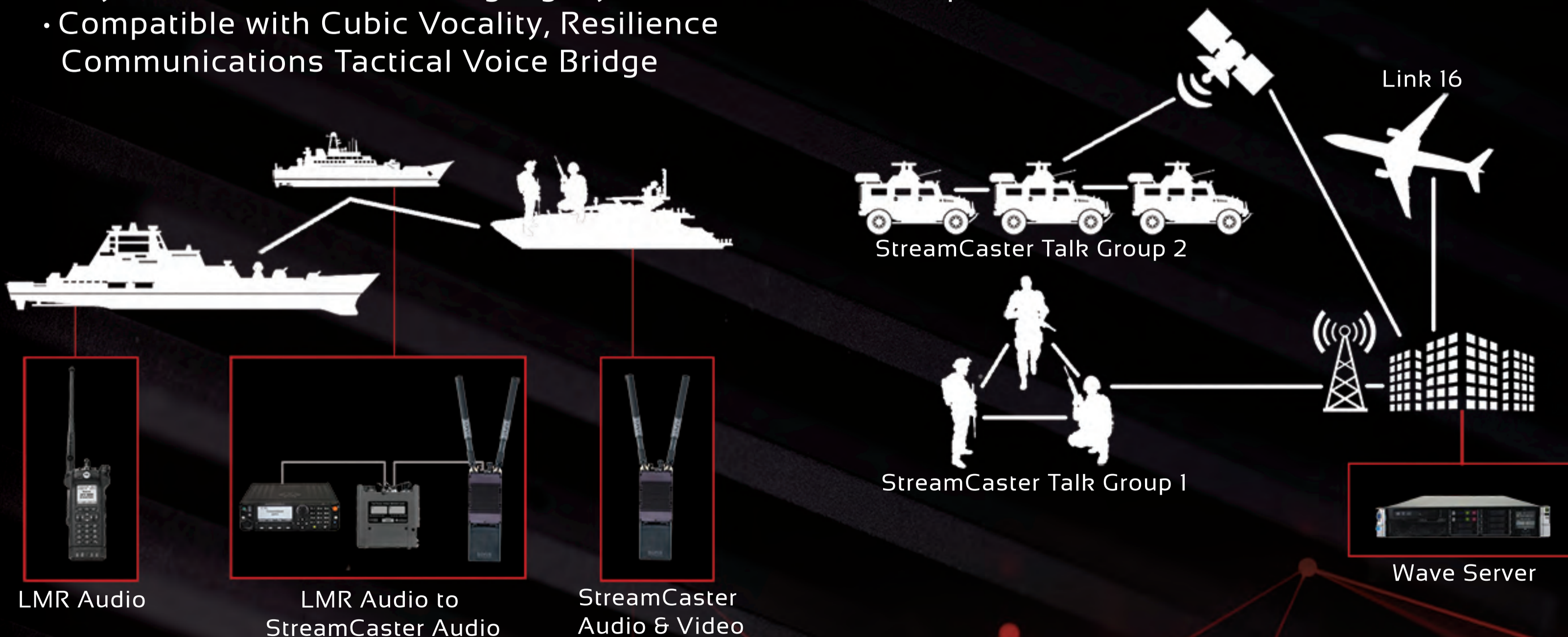
Upgrade segments of your network with StreamCaster MANETs to support video, while maintaining audio connectivity to legacy devices

### Audio Interface

- Comms between StreamCaster talk group and legacy radio through interop gateway
- Key legacy radios using StreamCaster COR (Carrier Operated Relay)
- Key StreamCaster PTT using legacy radios
- Compatible with Cubic Vocality, Resilience Communications Tactical Voice Bridge

### IP Interface

- Integrate StreamCaster PTT into group comms platforms
- Comms on multiple talk groups through audio servers or peer-to-peer clients
- Compatible with Motorola Wave, FuM One



# HANDSET & HEADSET PORTFOLIO

Holistic range of voice accessories to power your mission with StreamCaster radios

## Public safety speaker/mic

- Adjustable volume
- Optional ear-bud



## RUGGED HANDSETS

### Over-ear

- Designed for high-noise environments
- Aviation standard models available



### Low-vis

### mouthpiece

- Bone conduction speaker
- Embedded mic shielded from external noise



## TACTICAL HEADSETS

## COVERT SOLUTIONS

### On-ear

- Low-profile headsets with MIL-STD durability
- Noise cancelling mic



### Low-vis in plain sight

- Use StreamCaster audio with commercial headset
- Hidden remote PTT



CONTACT US FOR A DEMO

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Leading the MIMO Revolution