CRESCENDO™

Rapidly Deployable Communications Command Center
BRIDGE THE COMMUNICATIONS GAP IN THE FIELD

Crescendo provides a rapidly deployable, versatile command center for personnel in disaster recovery or field incident response environments to interoperate with others via their existing communications.

**RAPID DEPLOYMENT**

Lightweight and transportable, Crescendo is easily deployed into the field, making it ideal for rapid onsite incident response. The system provides flexible and seamless communications between IP and analog phones, radios and cellular equipment. It’s extremely compact footprint fits easily into a vehicle or the overhead locker of most aircraft. Based on our advanced end-to-end VOICE solution (Voice Over Internet Protocol Communications Enterprise), Crescendo allows a wide variety of communications resources to be automatically routed, patched and conferenced together—making it a truly interoperable communications solution for those in the field.

**MULTI-PARTY OPERATIONS**

Stovepiped communication technologies can make it difficult for different agencies and entities to communicate with each other in the field. Extensive conferencing and patching of radios and telephony is inefficient and leaves room for error. Crescendo bridges the gap between disparate devices and technologies by, allowing in-field personnel to use a variety of communications equipment to interoperate with others.

**MOBILE COMMAND CENTER**

Used on its own, a single Crescendo can provide a powerful standalone command center for multi-faceted operations or be preconfigured for unmanned operation. The touch screen-based operator position allows initiation of voice communications across multiple bearers and PTT access to multiple local and remote radio networks. For extended reach, multiple Crescendos can be dynamically networked and connected to third-party systems via Voice over IP (VoIP) and Session Initiation Protocols (SIP).
**KEY BENEFITS**

- Lightweight and transportable for rapid deployment
- Bridges communications gaps for in-field interoperability
- Mobile command of multiple networks
- Real-time information flow during critical incidents

**INFORMATION FLOW**

During critical incidents, Crescendo lets field users stay current with what’s happening—in real time. From any fixed or mobile phone, operators can monitor all radio traffic, and even transmit audio if necessary. Post-incident reviews and training are enhanced by a log of actions and events combined with actual voice transmissions. This feature ensures that incidents can be reconstructed for review and analysis purposes.
L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers’ mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

**PHYSICAL CHARACTERISTICS**
- Dimensions (H x W x D): 22 x 13.8 x 9 in (56 x 35 x 23 cm)
- Weight (with laptop, cables and accessories): 40 lbs (20 kg)

**POWER**
- AC: 100-240 VAC
- DC: 11-32 VDC
- AC and/or DC Switch: —

**CONNECTIVITY**
- Ethernet: 3 x IEEE 802.3 10/100 Base-T (1 x WAN, 2 x LAN)
- Ethernet WAN: Satellite, Terrestrial, Wi-Fi®, RF, LTE, 4G
- Wi-Fi: 802.11 b/g/n hotspot or client (optional)
- Radios: 4 x 4-wire E&M including serial for control (expandable)
- Cellular Gateway: 2 x GSM channels (LTE 3/4G)
- Telephony: 4 x FXO, IP phones (optional) SIP PBX (included)
- External Antennas: 3G / 4G and GPS
- Operator Control Unit (OCU): Ruggedized Toughbook®
- Commercial Headset: Noise canceling (standard)
- Cables: Available for a wide range of radio types