



INTEROPERABLE
COMMUNICATIONS
FOR RAPID
INCIDENT RESPONSE

CRESCENDO™

HARRIS®
TECHNOLOGY TO CONNECT,
INFORM AND PROTECT™

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BRIDGE THE COMMUNICATIONS GAP IN THE FIELD

The Crescendo provides a quickly established automated command center that allows personnel in disaster recovery or in-field incident response environments to use their existing communications to rapidly interoperate with others.

RAPID DEPLOYMENT

Lightweight and transportable, Crescendo is easily deployed into the field, making it ideal for disaster recovery and rapid onsite incident response. The system provides flexible and seamless communications between IP and analog phones, radios and cellular equipment. Its extremely compact footprint fits easily into a vehicle or the overhead locker of most aircraft. Based on our advanced end-to-end VoIP product, SwitchplusIP, the Crescendo allows a wide variety of communications systems 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 allows Crescendo to bridge the gap, allowing in-field personnel to use their existing communications equipment to interoperate with others.

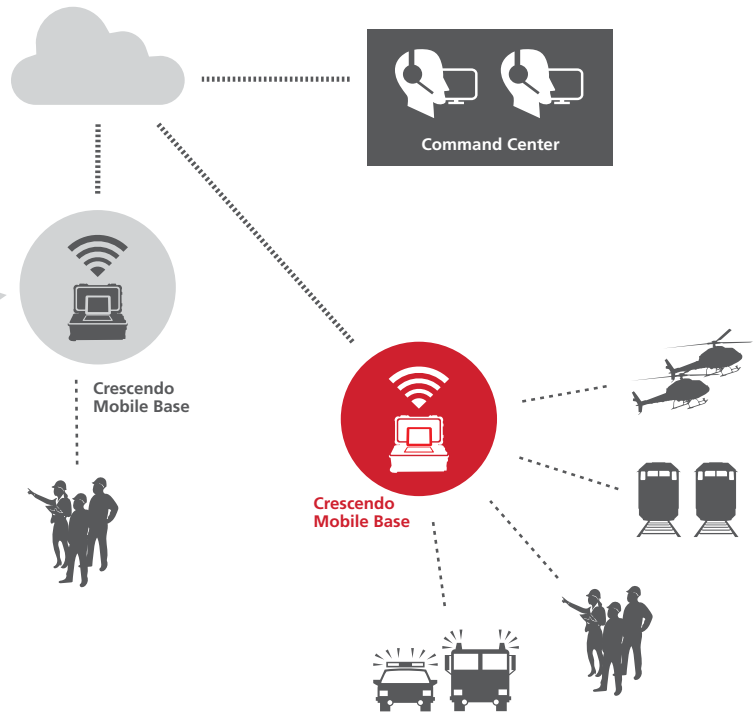
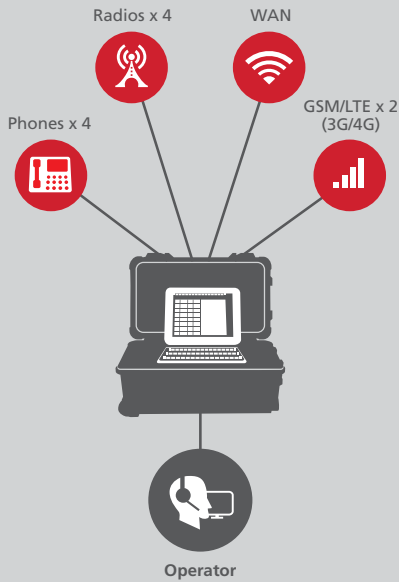
MOBILE COMMAND CENTER

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 connect to third-party systems via open-standards Voice over IP (VoIP).

INFORMATION FLOW

During critical incidents, Crescendo lets senior management stay current with what's occurring in the field—in real time. From any fixed or mobile phone, management can monitor all radio traffic, and even transmit audio if necessary. Post-incident reviews and training are enhanced by a log of all actions and events combined with actual voice transmissions. This feature ensures that incidents can be completely reconstructed for review and analysis purposes.



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

SPECIFICATIONS FOR: CRESCENDO

PHYSICAL CHARACTERISTICS

Dimensions:

56 cm (l) x 35 cm (w) x 23 cm (d)
22" (l) x 13.8" (w) x 9" (d)

Weight

20 kg / 40 lbs
(including laptop, cables and accessories)

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, WiFi, 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

Cellular gateway

2 x GSM channels (LTE 3/4G)

Telephony

4 x FXO, IP phones (optional)

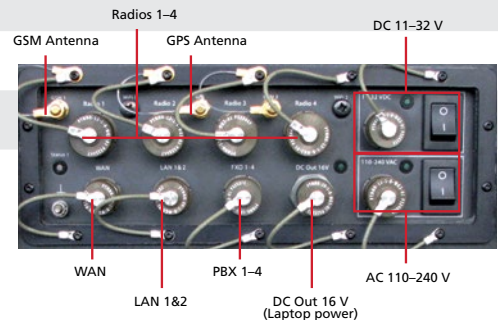
External antennas

3G/4G and GPS

Operator Control Unit (OCU) Ruggedized Toughbook

Commercial headset
(noise cancelling standard)

Cables available for a wide
range of radio types





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