

# REDCOM CRUCIALCONNECT™ PS

*Public Safety solutions for edge and core communications interoperability*



In most cases, emergency responses to events require a “communications first” mindset. Quick responses provide quick resolutions. Being able to talk with other public safety team members to define and resolve issues is the driving force behind requiring all responders to carry radios.

When other public safety teams arrive on-scene, many will be unable to communicate with each other due to differences in waveform, band, channel, or approach to trunking.

The private LTE network for public safety, FirstNet™, is designed to aid in this kind of communications interoperability, providing a single, trunked network on which LTE devices can communicate independent from the RF network. However, most public safety organizations maintain RF gear that doesn't speak LTE, and others focus on the weaknesses of LTE networks to solve all their communications hurdles, such as:

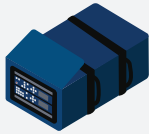
- Ubiquity. Cellular coverage is likely available in all major cities and along key highways, but there are plenty of isolated areas without coverage that first responders must navigate.
- Devices. LTE devices are required for cellular access. Not all departments can afford to acquire, maintain, create new workflows, and pay the monthly subscription fees for a new set of devices. Furthermore, LTE devices do not have the same important features inherent in RF radio devices, including:
  - Talk-around capability
  - Long-life battery and easily swappable batteries on-hand
  - Ingress Protection
  - Glove-selectable channel and tactile access to other dials

For these reasons and more, REDCOM believes public safety organizations should try to keep their existing architecture and devices to the fullest extent possible. If the organization chooses to move to other networks such as FirstNet™, REDCOM can help make that move graceful and consistent with the mandate to provide communications among organizations during the transition.

The REDCOM CrucialConnect PS solution can scale from the data center down to the back seat of an automobile. CrucialConnect provides field-deployable radio interoperability and conferencing, end-office replacement, communications vehicle integration and data center applications.

In short, REDCOM CrucialConnect PS provides critical communications interoperability, from the ground to the comms center.

# THE REDCOM CRUCIALCONNECT PRODUCT FAMILY



## CrucialConnect™ Portable

Designed for immediate incident response to allow disparate agencies to collaborate

Lightweight duffel-bag style case

Connects up to 4 donor radios



## CrucialConnect™ Mobile

Designed for long term public safety event deployments or to replace damaged infrastructure

Ruggedized transit case

Connects up to 12 donor radios



## CrucialConnect™ C2v

Integrates & controls communications from multiple agencies

Purpose built for any vehicle



## CrucialConnect™ C2i

Centralized comms to integrate radio and telephony networks

Supports critical communications in data centers and emergency comms centers

