

MOBILE COMMAND CENTER CONNECTIVITY

Enhanced Connectivity for Command Vehicles

Police departments, law enforcement agencies, and rescue organizations strategically deploy mobile command vehicles to areas and events in need of high levels of resource coordination. These vehicles are rarely deployed for routine operations, most commonly utilized when large scale efforts are required. Maintaining reliable and secure critical communications networks is vital, especially in high stress situations where the ability to connect personnel, equipment, and internal command is critical. The RTO team has the robust cellular solutions mobile command centers need to get and stay connected.



Business Needs | Flexible Access to Vital Connectivity

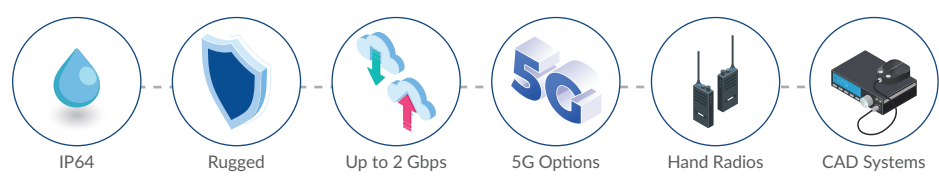
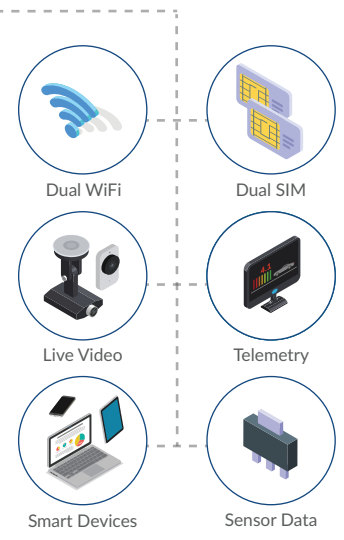
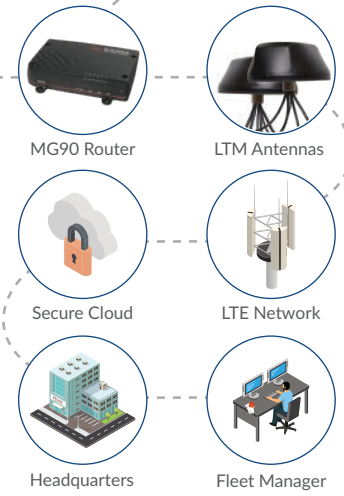
Public safety organizations deploy mobile command vehicles and personnel to major emergencies where coordinating teams and relaying data in real-time is mission-critical. The organizations that deploy them, and the individuals deployed, need to get and stay connected to quickly, efficiently, and safely diffuse situations occurring in the field. These vehicles need solutions that are extremely robust. They need to be able to live stream video, monitor driver and vehicle performance, receive event based alerts, link up handheld cellular radios, connect dozens of smart devices in the field, and much more.

Solutions Provided | Purpose-Built Communications Hardware

To connect every internal and external system and device, organizations that service public safety agencies need the rugged, secure, and reliable cellular solutions the team at RTO is uniquely equipped to provide. Our expert team is able to provision and install ruggedized and purpose-built cellular router and antenna kits within each and every one of your clients' command vehicles. The solutions we help you deploy utilize software and equipment from only top-tier manufacturing partners like high-performance routers from Sierra Wireless and multi-band antennas from Mobile Mark.

Wireless Routers | AirLink MG90 Multi-Network Vehicle Router

The AirLink® MG90 is a high-performance LTE-Advanced Pro vehicle multi-networking platform, purpose-built to provide secure, always-on connectivity for mission-critical public safety applications. Depending upon the model our solutions team helps your agency select, the AirLink MG90 is either an LTE-A, LTE-A Pro, or 5G High-Performance Multi-Network Vehicle Router. With extensible multi-network connectivity, these routers offer dual radios, dual concurrent gigabit Wi-Fi, and gigabit ethernet, with extensions to support land mobile radio (LMR) and satellite systems. The MG90 was built to exceed MIL-STD-810G specifications, has an IP64 rating, and is FirstNet Ready™.



RTO helps clients deliver public safety agencies the end-to-end communications solutions they need to support their mission-critical operations.

Device Management | AMM and ACM

AirLink Mobility Manager is a device management solution that is purpose-built for in-vehicle AirLink routers connected mobile assets and mission-critical applications.

Available as a hosted service and an on-premise solution, AMM allows public safety agencies to monitor the position, direction, and speed of their fleet and network assets, including detailed information such as trip reports and driver behavior.

AirLink® Connection Manager (ACM) is a VPN appliance that securely extends enterprise networks to the mobile workforce.



Multi-Band Antennas | LTMG602 and LTM601

To boost the WiFi range, cellular coverage, and GPS accuracy of each router we recommend our clients utilize two specially configured Mobile Mark LTM series antennas from USAT.

Within just two low profile LTM series units there are 11 different elements; 4 cellular, 6 WiFi, and a single GNSS. Along with the MG90 both antennas provide each vehicle with two 2x2 MiMo cellular (or one 4x4 MiMo), 3x3 Wi-Fi WAN, 3x3 Wi-Fi AP, and GPS Glonass.

LTM series antennas are rugged built to MIL-STD-810G specs and when properly mounted by our team have an IP67 rating.

Why Choose RTO?

For over 15 years RTO has provided communications solutions to businesses that deliver connectivity to public safety agencies. We help resellers, integrators, and OEM's engineer and deliver cellular solutions that utilize top-tier devices and equipment from the most trusted manufacturers worldwide.

Our DevProv+ services team configures, provisions, kits and ships your devices hot and ready for immediate use. And our installation teams ensure your devices are functioning securely, reliably, and at peak performance.

Reach out to RTO today to rapidly deploy cellular solutions that meet your clients' exacting mobile connectivity needs.



CONTACT RTO TO ENGINEER YOUR MOBILE CONNECTIVITY SOLUTION TODAY