



COMMUNICATION & SURVEILLANCE SOLUTIONS FOR

PUBLIC SAFETY



WE HAVE THE PUBLIC SAFETY VOICE AND DATA COMMUNICATION SOLUTIONS YOU NEED.

Protecting lives and property often comes down to seconds. BearCom helps first responders save precious time with fast, reliable wireless communications solutions. No matter what voice and data integration challenges your organization faces, BearCom has the experience and technical skills to meet them.

Two-Way Radios Improve Safety and Efficiency

MOTOROLA SOLUTIONS SETS A NEW STANDARD FOR FIRST RESPONDERS

Durability, flexibility, and proven digital performance ensure crystal clear voice, data, and networking capabilities. Motorola Solutions public safety two-way radios deliver added safety and dependable operation for mission-critical communications.

ASTRO® 25 SYSTEMS AND APX™ P25 TWO-WAY RADIOS

APX radios are the leading Project 25 (P25) standards-based communications devices used by more than 11,000 agencies worldwide. Using ASTRO 25 infrastructure, the radio line includes flexible and future-ready portables, lapel microphones, vehicle-mounted mobiles, and of course, legendary Motorola Solutions reliability. Some key features first responders cite as reasons they prefer Motorola Solutions equipment:

Improved Audio. Clear, dependable audio in all directions. Windporting and Intelligent Audio suppresses background noise and enhances user voice.

Purpose-Built Construction. Lighter, smaller devices are highly ruggedized to resist impact, heat, and water.

Innovative Design. Digital, GPS, Bluetooth, and WiFi technologies – in most instances, programming updates can be handled Over-the-Air.

Easier Control. Larger buttons and channel selector with ergonomic knobs that can be used with gloves.

All Band. Interoperable capabilities allow agencies to collaborate with greater efficiency and safety without carrying multiple radios.

Security. End-to-end voice/data security using AES and DES encryption that is P25 compliant and FIPS certified. Maintains cyber security even through power loss and reprogramming.

Extended Battery Life. Keeps devices active longer.

A FirstNet Innovator

BearCom is at the forefront of the nationwide FirstNet initiatives designed to improve Public Safety communications on LTE Band 14 & P25 for LMR (Land Mobile Radios).

Our team is working directly with AT&T, Motorola Solutions, and other FirstNet partners to implement solutions designed to improve wireless communications for emergency response teams.



MOTOROLA SOLUTIONS
Platinum Channel Partner



QUICK FACT

You Can Trust BearCom. Our technical team includes dozens of qualified field service technicians, lead installers, and solution architects with extensive P25 and ASTRO 25 experience. BearCom has deep levels of proficiency designing and deploying conventional and trunked ASTRO 25 systems for Public Safety agencies across North America.



LEX L11 – AN ALL-NEW MISSION CRITICAL LTE UNIT.

LEX L11 – Made For The Mission Ahead

A MISSION-CRITICAL LTE DEVICE PURPOSE-DESIGNED FOR FIRST RESPONDERS

Designed specifically for public safety professionals, the LEX L11 from Motorola Solutions is built to withstand the harshest and noisiest environments with mission-critical ergonomics, best-in-class audio quality, superior performance, end-to-end security, and a suite of accessories.

The LEX L11 is designed with accessibility and safety in mind, allowing users to keep their hands-free, eyes up, and focus forward while accessing mission-critical capabilities and collaborating with other team members.

OUTPERFORMS OTHERS IN THE HARSHEST ENVIRONMENTS

For first responders, reliability is everything. With IP67 and MIL-STD-188G ratings along with waterproof components, the LEX L11 is designed for use in tough, unforgiving environments. You won't have to worry about rain, dust, extreme temperatures, battery life, or even the occasional drop. The LEX L11 is rugged and durable, yet streamlined and slim.

INTUITIVE CONTROLS MAKE OPERATION NATURAL

In pressure-packed situations, first responders can't be fumbling with controls and looking down to use their communication tools. That's why the LEX L11 is designed with:

- An extra-large, dedicated push-to-talk button that can be used with gloves
- An orange-colored direct access emergency button on top of the device
- Talkgroup rocker switch for instant access to preprogrammed groups – includes radio-like channel change announcement
- Two programmable buttons for quick launch of agency-preferred applications
- Image capture camera using programmable button
- Interfaces with LTE networks – and with Motorola P25 radios using Bluetooth or Motorola WAVE™

BEST-IN-CLASS QUALITY WITH PERFORMANCE YOU CAN TRUST

With advanced noise suppression technologies and two front-facing speakers, the LEX L11 is designed to let you hear and be heard, even when holstered. It minimizes distortion and latency in push-to-talk communications, reduces background noise in loud environments and decreases feedback from near-by devices.



LEX L11 Mission-Critical LTE Unit

The LEX L11 is optimized with forward-looking functionality, efficiency, and safety.

- FirstNet Ready™ certified LTE device that is Band 14 and Enhanced Push-to-Talk capable
- Ruggedized frontline device with smartphone ergonomics
- Operates on Secure Mobile Platform
- Combines multiple layers of advanced defensive walls and malware blockers
- Works with popular Public Safety communication applications (e.g., CommandCentral, AirWatch)
- Interfaces with Motorola WAVE™



LEX L11 Vehicle Mount Cradle

Allows easy LEX L11 usage while keeping hands free and focus fixed on vehicle operation or the situation at-hand.

“Our equipment has to be well-built and something we can trust... we always get that with all of our Motorola products.”

Lieutenant J.E., San Fernando (CA) Police Dept.



ENHANCE AND EXPAND YOUR COVERAGE AND CAPABILITIES.

Wireless Network Connectivity Solutions

IMPROVE TEAM COLLABORATION, INCREASE SAFETY, AND BOOST SERVICE

BearCom delivers solutions from Cambium Networks, Aviat Networks and others that extend P25 land mobile radio coverage for single-site, multi-site, regional, or statewide operations. To enhance your wireless communications, BearCom can provide connectivity to existing towers with cost-saving networking solutions powered by technologies such as:

BROADBAND · MICROWAVE · POINT-TO-POINT · POINT-TO-MULTI-POINT

These advanced technologies make your network significantly faster, more powerful and more secure than traditional T1 servers and can provide MPLS network connectivity which is now required to connect to many regional radio systems. Our experts can help you choose and deploy the right networking solution or combination of solutions to meet your goals.

Motorola WAVE™ Connects Disparate Devices Across Networks

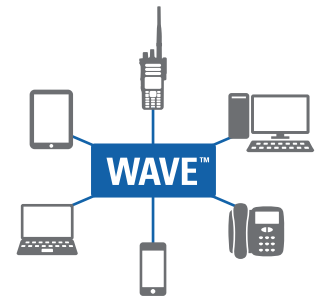
SEAMLESS COMMUNICATION BETWEEN ALL OF YOUR NETWORKS AND DEVICES

Unify communications by integrating separate voice/data networks into WAVE's enhanced push-to-talk platform. Enable instant communications across workgroups on any number of networks, devices, apps, cities and facilities for enhanced safety, efficiency and productivity.

Leverage Broadband Push-To-Talk Platform. Bring secure push-to-talk to smart devices you are already using.

Integrate Networks. Connect radio systems for better real-time coordination and response.

Use Any Device. Freely communicate on any device, including two-way radios, smartphones, laptops, landlines, tablets, and hand-helds.



"WAVE has been a critical component in marrying our various communications systems together to be effective during disaster response."

E.C., MANAGER IN THE OFFICE OF EMERGENCY MANAGEMENT (LARGE U.S. CITY)

Mutualink – The Gold-Standard for Public Safety Collaboration

SECURE, INTEROPERABLE INFORMATION SHARING SOLUTIONS

In critical situations, response time can mean the difference between life and death. BearCom offers Mutualink, an integrated software-based interoperability solution that enables instant, real-time radio and video communication between first responders and the community they serve.

In addition to cross-jurisdictional public safety communications, Mutualink is ideal for any setting where an integrated emergency response strategy is needed.

Reduction in Time to Resolution. In active shooter exercises in Hartford CT, resolution time was cut in half by improving situational awareness.

Instant Communications from any Device. Seamlessly bridge voice (radio, phone, cell phone) and live streaming video communications to share among Mutualink platform users.

Panic Button App. Initiates collaborative communications between end users and first responders.



Mutualink

The powerful Mutualink Interoperable Response and Preparedness Platform (IRAPP) easily shares voice, video, and data for emergency management between first responders, protective service providers, and private security.



WHEN EVERY SECOND COUNTS, YOU CAN COUNT ON BEARCOM.

In-Vehicle Modems

To ensure mobile unit access to high-speed data, Wi-Fi and more, BearCom provides rugged in-vehicle LTE modems. These communication hubs turn public safety vehicles into wireless hot spots for multiple client devices to improve situational awareness and increase officer safety. Models that include GPS capabilities enable tactical response planning, location tracking and route optimization.

BearCom Offers Modems From: Motorola Solutions, Cradlepoint, Sierra Wireless, Vocality, and other highly-respected wireless equipment manufacturers.



Motorola VML750

The VML750 LTE Vehicle Modem harnesses the power of AT&T or Verizon networks and Band 14 Public Safety LTE. IP66 sealed and MIL-STD 810G rated to withstand heat, cold, rain, humidity, dust, and vibration.

Panorama Antennas

Harris County (Texas) relies on BearCom to install and service Panorama high-performance antennas across their fleet vehicles. Panorama offers cutting-edge antennas to meet all Public Safety communications technologies. Options include Multiple Input Multiple Output (MiMo) models that integrate GPS, WiFi, two-way radios and cellular.

The Panorama line is designed to increase convergence and interoperability while reducing the number of antennas needed. The result is unified communication networks, increased coverage, and greater signal reliability.



LTE MiMo Antennas

Panorama low-profile MIMO antennas are designed to support the new generation of vehicular LTE routers.

Dispatch Consoles

Make your Dispatch Center a highly-intuitive, easy-to-use pipeline for organizing resources, coordinating response, and communicating information. A Motorola Dispatch Console delivers integration capabilities to reach across multiple applications and resources for faster response. With this comprehensive solution, your dispatchers can quickly provide the valuable intelligence needed to support officers in the field and the community they serve.



Motorola MCC 7500 Console

Project 25 (P25) standards-based console enables effective, secure communication on your ASTRO® 25 system to keep responders connected and informed when it matters most.



IMPROVE RESPONSE TIME AND SAFETY, AND ESTABLISH EVIDENCE.



Surveillance Camera Systems

An ever-increasing number of agencies are using video feeds to reduce response time and increase situational awareness. BearCom has extensive experience designing, deploying and maintaining video surveillance systems for the law enforcement community.

Atlanta Police Department. BearCom helped reduce theft in schools with cameras feeding surveillance footage to the police station. With real-time monitoring, officers can respond quickly to emergencies and incidents of theft.

City of Los Angeles. To decrease crime and gang activity in the Jordan Downs housing development, BearCom installed and services a microwave image transfer video surveillance system provided by Motorola Solutions. After deployment, crime decreased by 40%. A former LA mayor called the system “the most effective crime deterrent we have in our arsenal.”

San Fernando (CA) Police Department. Working closely with BearCom for engineering, deployment and service, the department installed a comprehensive video surveillance system powered by Motorola Solutions. Cameras feed a dispatch/monitoring center, which pushes video to mobile computers in police vehicles. The surveillance security system has helped achieve what officials call “a 25-year-low in crime.”

Wheeling, West Virginia. The Police Dept. worked with BearCom to deploy six pan, tilt and zoom weatherproof cameras on downtown “hot corners.” The multi-camera system has improved officer safety, deterred crime, captured evidence and provided transparency between the police department and the community.

Body Cameras

Court cases – and lives – often hang on video evidence. As an extension of high-performing Motorola Solutions two-radios, the Si500 combines a body-worn camera, remote speaker microphone and smart interface in a single device. Use it to record video clips and still images, witness and suspect interviews, and even audio notes. In a familiar body worn camera form factor, the Si500 assures the reliable voice, sight, sound and security your officers need.

Digital Evidence Ecosystem

BearCom can help you integrate the Motorola Solutions Si500 Video Speaker Microphone and Sr600 Police Car Dash Camera System for gathering evidence with the CommandCentral Vault to centralize and store footage. This combined solution consolidates digital evidence capture and management into a single end-to-end workflow.

Drone Surveillance Cameras

BearCom works with top-flight partner companies to present an exciting airborne surveillance eco-system. In the air, we offer the airframe, flight control computers, and power tether systems for uninterrupted missions. On the ground, we provide State-of-the-Art station software, fiber fed drone-based antenna systems for ground-based communications equipment, and a unique mobile support vehicle.

AVIGILON™
a Motorola Solutions Company

Authorized Partner

Avigilon Security Solutions

Avigilon provides HD surveillance cameras, end-to-end security solutions, video analytics, network video management software, and access control. Avigilon products are proudly manufactured in the U.S. and Canada.



Motorola Si500 Video Speaker Mic

Award-winning device combines voice, video, still images, and emergency alerting.



Unmanned Aerial Vehicles (UAVs)

BearCom offers everything needed to support surveillance UAVs used by law enforcement agencies and commercial enterprises.



BEARCOM SUPPLIES STRONGER SIGNALS AND SAFER SOLUTIONS.

We Deliver Resources – and Scope

As Motorola Solutions largest solutions provider and system integrator of ASTRO and MOTOTRBO push-to-talk wireless voice and data communications in North America, BearCom helps public safety professionals chose the right systems for their needs and budget.

From more than 50 locations throughout the U.S. and Canada, we work locally to serve law enforcement, fire fighters, emergency medical technicians, campus security and other agencies to improve communication performance, support team mobility, add video support, and more. In addition, our strong network of technology partners ensures that we always have access to the best resources and most knowledgeable subject matter experts.

Technical Expertise

The BearCom Technical Services Group includes more than 150 highly knowledgeable, highly skilled wireless industry professionals, many of whom hold advanced engineering degrees. Our team stays up-to-date by earning the latest credentials for DMR and P25 networking, R56 site installation, and other key industry certifications. Our strong collaboration with AT&T and Motorola Solutions puts BearCom at the forefront of FirstNet technologies.

BearCom Is Your Trusted Partner In Safety

BearCom is here to help you serve the public. For nearly 40 years, we've worked with law enforcement, public safety and public service organizations across North America. When you trust your life-saving communications to BearCom, you're working with more than just product specialists. You're assured of reliable solutions from experts who specialize in improving team efficiency and lowering response time.



Distributed Antennas & Bi-Directional Amplifiers

BearCom works with Authorities Having Jurisdiction and building code experts to design and deploy DAS & BDA systems that improve radio coverage and signal strength throughout facilities.

To meet in-building emergency responder coverage requirements on Public Safety frequency bands, our wireless experts have extensive knowledge of:

- *International Fire Code (IFC)*
- *National Fire Protection Association (NFPA) statutes*
- *FCC installation and licensing requirements*

ALWAYS ON

Like the first responders we support, BearCom is guided by an “Always On” principle in serving our customers and communities.

Our team remains ready to help customers at any time in any place meet day-to-day operational needs, as well as mission-critical emergency requirements. For instance, during recent natural disasters, our solution architects and service technicians worked directly with first responders, the Coast Guard, and other response teams to establish frontline wireless communication networks. These systems supported rescue operations, healthcare efforts, infrastructure restoration, and other vital response efforts.



You can always rely on BearCom for integrated communication solutions that save seconds when seconds matter most!

CONTACT US TODAY TO GET YOUR FREE CONSULTATION. CALL US AT 800.527.1670 OR GO ONLINE TO: BEARCOM.COM



ABOUT BEARCOM

BearCom designs and delivers high-performance wireless voice and data communication solutions that boost operating efficiency and increase safety. Whether you need a multi-point wireless network to connect your work teams, an integrated two-way radio system to add productivity across your facility, a bi-directional amplifier to enable communications between first responders, or any other wireless solution to improve staff collaboration, BearCom can help. For more than 35 years, BearCom has been serving leading public safety agencies, schools, airlines, manufacturing and petrochemical plants, distribution centers, hotels and resorts, construction firms, and more.



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Service Elite Specialist

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