



Overview | Fire and Rescue

Enhancing Modern Firefighting Operations with Cutting-Edge Voice, Data, and Security Technologies from MCA

When a fire ignites, and flames spread through a building or race across a hillside, our nation's fire and rescue teams respond with unmatched urgency and skill. Whether it's a city fire department battling structural fires, a county unit responding to a roadway pileup, or a specialized hotshot crew confronting a fast-spreading and unpredictable wildfire, every second counts.

When seconds amount to potential lives lost and properties destroyed, it is imperative our nation's fire and rescue teams are equipped with the very best equipment to more safely protect the communities they serve.

MCA equips fire and rescue agencies with tailored voice, data, and security solutions that work as quickly and reliably as they do. Our systems provide clear, reliable communication between field teams, dispatch centers, and command units, ensuring coordination

in critical moments. We offer secure, real-time data sharing to enhance decision-making and response efforts, as well as advanced security measures like video surveillance, access control, and perimeter detection to protect personnel, assets, and facilities.

With over 30 years of experience serving the nation's firefighters, MCA understands the unique challenges of fire and rescue operations. We deliver customized solutions and expert services that enhance safety, operational efficiency, and rapid response times.

From rugged communication tools to cutting-edge data management and security systems, MCA supports your mission to save lives and protect property.

Trust MCA to provide the technology and support that enables you to act with speed, precision, and confidence, no matter the demands of the emergency.



Integrated Technology Ecosystems for Local and County Fire and Rescue Departments

Two-Way Radios and Coverage Systems

Body Cameras and Drone Management

Vehicle and Apparatus Upfitting Services

Intelligent Surveillance and Video Analytics

Multi-Factor Access Control Systems

Intrusion Detection and Smart Sensors

Firehouse Automation and Alerting Systems

Mass Notification Sirens and Systems

Branch and Mobile Cellular Networking



MCA understands the unique challenges faced by fire and rescue teams and provides advanced communication and security systems to meet their critical needs. Our solutions ensure reliable networks for rapid emergency response, daily operations, and secure information management. Designed for city and county fire departments, specialized wildfire teams, and hotshot crews, MCA's technologies empower responders to act swiftly and efficiently, maintain safety, and manage complex data effectively.

Voice Solutions

Our voice solutions are specifically designed to meet the complex demands of fire and rescue operations, providing advanced mobility tools and communications technologies to enhance coordination, operational efficiency, and responder safety across various scenarios.

Two-Way Radios and Coverage Systems

We provide ultra-rugged APX handheld and mobile radios, as well as Evolv and Ion Smart handhelds, all with wide-area coverage supported by ASTRO P25 systems. These solutions ensure clear, secure, and reliable communication for fire and rescue personnel across diverse environments. Whether operating in urban or remote areas, during fires, rescues, or while coordinating from the station, our technologies keep teams connected and enhance response capabilities.

Mobile Video Systems

Our mobile video solutions for firefighting operations include body-worn cameras, like the VB400, and CAPE drone management applications, essential for training, incident documentation, and real-time situational awareness. Body cameras capture critical footage for training and accountability, while drones provide aerial views for rapid assessments and informed decision-making during emergencies.

Fleet Upfitting Services

We outfit fire apparatus with critical communication tools like mobile radios, routers, antennas, and rugged laptops, ensuring reliable connectivity and data access for retrieving HAZMAT data and building layouts en route to emergencies. Our services also include the installation of mounts for secure device placement, as well as lighting, siren, intercom, and PA systems, to enhance vehicle visibility and communication on the scene to ensure your teams are fully equipped for any situation they face.

Security Solutions

Our security solutions ensure safety for both firehouse personnel and facilities. Our integrated video surveillance, access control, and detection systems safeguard apparatus bays, equipment rooms, and administrative offices while also enhancing firefighter safety through advanced environmental monitoring.

Intelligent Video Surveillance and Analytics

MCA offers cutting-edge video surveillance systems equipped with intelligent analytics to enhance situational awareness and security for fire stations. These systems provide real-time monitoring of key areas, including apparatus bays, entrances, and common areas, to detect unauthorized access or unusual activity. Integrated with existing infrastructure, our high-resolution cameras deliver clear video and actionable insights, allowing for swift response and proactive threat management.

Multi-Factor Access Control Systems

Our access control solutions utilize biometric scanners, RFID readers, and smart card access to restrict entry to storage rooms, dispatch offices, bunk rooms, and more — ensuring the access of only authorized personnel, reducing the risk of theft, vandalism, or equipment tampering. When combined with our surveillance and alarm systems, they provide a comprehensive security framework tailored to the needs of fire and rescue operations.

Perimeter and Intrusion Detection Systems

Beyond intrusion detection, our systems incorporate smart sensors to monitor environmental factors critical to firefighter health and safety. These sensors can detect the buildup of dangerous gases such as carbon monoxide from vehicles left running in apparatus bays or hazardous gases from stoves left on in station kitchens. Integrated alarm systems provide immediate alerts to potential safety hazards, ensuring a secure and safe environment for all personnel.



Data Solutions

Our data team provides robust, scalable connectivity fire departments require to maintain seamless communication and data exchange for field and office operations in both rural and urban environments. Our technologies ensure secure, reliable access to mission-critical information across departments, regions, mobile units, and field personnel enhancing operational efficiency and firefighter safety.

Fire Station Automation (FSA / SCADA)

Our FSA solutions reduce response times by streamlining critical functions when a call comes in. Our solutions integrate and control essential equipment — from audio amplifiers, sirens, and mounted lighting to automated controls for non-vital systems — ensuring firefighters are ready to respond instantly. The system can send text and SMS alerts to on-shift or reserve team members, turn off distractions like TVs or ovens, open bay doors, and more, to help fire teams deploy more rapidly.

Mass Notification Systems (MNS)

Our MNS solutions, including purpose-built Whelen Firehouse sirens, enhance both safety and response efficiency. These systems first alert individuals around a firehouse of an impending deployment, ensuring clear pathways for emergency vehicles by signaling the need to avoid bay doors and roadway access. Additionally, they provide notifications through SMS, text, and radio alerts, informing on-call and reserve fire team members of new emergencies, ensuring personnel are mobilized quickly.

Cellular Networking Solutions (CNS)

Our 5G networking solutions ensure uninterrupted connectivity for fire stations and mobile units. We provide robust branch solutions for firehouse network redundancy, while our mobile solutions support real-time data sharing, dispatch, GPS tracking, and video streaming from emergency vehicles. Portable kits offer quick-deployment connectivity for incident command posts and temporary emergency sites, ensuring comprehensive communication coverage in all scenarios.

Our Services

MCA is dedicated to helping fire and rescue agencies get the most out of their voice, data, and security solutions. From system design and installation to integration and ongoing maintenance, we ensure every facet of your new infrastructure is optimized to support your mission. Whether outfitting city and county fire departments or specialized wildfire teams, our service teams help firefighters protect their communities with confidence.

Professional Services

Our professional services teams provide fire and rescue departments with exceptional expertise in system installations and implementations. With 90+ locations across 15+ states, MCA's network of highly trained field engineering and maintenance professionals ensure precise on-site deployments and seamless integration. Our teams specialize in creating robust communication infrastructures that meet the rigorous demands of our nations first responders.

Managed Services

Our managed services offer peace of mind by providing proactive system management and support. With Service Level Agreements (SLAs) that guarantee rapid issue resolution and ensure high performance, we ensure your equipment functions optimally. With our SecurePlan program, we take over the monitoring and maintenance of your security systems, providing continuous oversight and quick remote or on-site support for any issues allowing you to focus on mission-critical operations.

Integration Services

Our integration services enhance operational efficiency. With CommandCentral Aware and the Motorola Solutions ecosystem, we offer command center software, custom APIs, and application development, ensuring seamless integration to improved situational awareness to streamline the focus of your teams attention to what matters most. Our audio-visual solutions provide centralized monitoring and control, enabling agencies to manage emergencies with precision and speed.

Partner With MCA as Your Trusted Advisor

MCA partners with fire and rescue departments to provide top-tier connectivity, security, and operational efficiency. Our voice, data, and security solutions, paired with our extensive service offerings, ensure robust and reliable support for fire and rescue operations. MCA is dedicated to enhancing your mission readiness with cutting-edge technology and expert services specifically tailored to meet the unique needs of fire and rescue teams, improving response times, coordination, and overall safety during critical emergencies.

Contact Us Today >> 800.596.8205



About MCA

MCA is one of the largest and most trusted technology integrators in the United States, offering world-class voice, data, and security solutions that enhance the quality, safety, and productivity of customers, operations, and lives.

More than 65,000 customers trust MCA to provide carefully researched solutions for a safe, secure, and more efficient workplace. As your trusted advisor, we reduce the time and effort needed to research, install, and maintain the right solutions to make your workplace better.

Our team of certified professionals across the United States delivers a full suite of reliable technologies with a service-first approach. The MCA advantage is our extensive service portfolio to support the solution life-cycle from start to finish.

MCA Headquarters

📍 135 N Church St #310
Spartanburg, SC 29306

☎️ 800.596.8205

✉️ info@callmc.com

🌐 www.callmc.com

The MCA logo is rendered in a white, sans-serif font. The letter 'C' is stylized with a blue circular graphic element inside it, consisting of a solid blue ring and a central blue dot. The background of the entire page is a dark blue gradient with abstract white line art patterns, including a network of nodes and lines in the upper right and a grid-like pattern in the lower right.