



Overview | Construction Solutions

Optimizing Office and Field Operations with MCA's Carefully Curated Portfolio of Integrated Voice, Data, and Security Technology Solutions

In the dynamic and demanding world of construction, the need for rugged and reliable technology solutions is critical.

Whether in residential or commercial property development, general or electric contracting, or real estate investment, ensuring that both temporary job sites and permanent structures are equipped with cutting-edge technology is essential for safety, security, and efficiency.

Our comprehensive suite of voice, data, and security solutions are designed to meet the specific needs of construction projects at every stage. From integrating future-proof technology infrastructure into new building designs to providing temporary solutions that enhance jobsite safety and operational efficiency, we are committed to supporting your projects from start to finish.

Our solutions facilitate robust communication networks, essential for coordinating activities and managing operations across expansive construction sites. We offer portable communication systems for seamless connectivity, enabling real-time communication and

quick decision-making to maintain project timelines and enhance worker safety.

Incorporating advanced data solutions into construction projects ensures buildings are future-ready with reliable, high-speed connectivity from day one. These systems enhance property value and provide the foundational infrastructure for smart building technologies.

Recognizing the critical importance of security on construction sites, MCA offers comprehensive solutions to protect against theft, vandalism, and unauthorized access. Our security systems ensure a secure jobsite environment, and our portable security solutions safeguard temporary sites, providing peace of mind and protecting your investments.

MCA is dedicated to helping the construction industry build safer, smarter, and more efficient buildings. Our tailored technology solutions are designed to meet the evolving needs of construction projects, ensuring that your developments are equipped to handle the challenges of today and the demands of tomorrow.



Integrated Technology Ecosystems for Construction and Contracting Enterprises

Two-Way Radios and Radio Coverage Systems

Mobile Vehicle and Body Worn Cameras

Vehicle and Fleet Upfitting Services

Mobile Video Surveillance Trailers

Portable Access Control Systems

Perimeter and Intrusion Detection Systems

In-Building Wireless and Broadband Infrastructure

Mobile and Branch Cellular Networking

Fixed and Mobile Mass Notification Systems



MCA supports government operations with solutions that enhance public service delivery through improved communication and efficient management systems. Our solutions facilitate robust communication networks for emergency services, administrative operations, and public announcements, ensuring seamless operation and enhanced civic engagement.

Voice Solutions

Our voice solutions, also known as mobility system solutions (*MSS*) and two-way radio (*TWR*) solutions, are specifically tailored to meet the demanding needs of the construction industry, enhancing communication, coordination, and operational efficiency across all levels of operations.

Two-Way Radios and Radio Systems

Our robust including MotoTRBO two-way radio systems are essential for secure and reliable communication in construction operations. Our radios integrate with dispatch systems like WAVE PTX for communications and WAVE PTT for push-to-talk, as well as incident management and work order ticketing systems. These solutions ensure superior coverage, interoperability, and rapid response, enhancing coordination with real-time data and efficient resource allocation.

Mobile Video Systems

Our offering of mobile video solutions for construction sites, includes vehicle cameras for fleet safety and body cameras for personnel training. These systems enhance situational awareness and accountability with real-time video streaming, recording, and monitoring via comprehensive mobile video management applications. Additionally, our drone management systems provide for extensive remote aerial job site surveys.

Vehicle Up-Fitting

Effective fleet communication is crucial for construction operations. Our fleet communication solutions include up-fitting construction vehicles like bucket trucks, in-transit concrete mixers, and portable office trailers with mobile radios, routers, antennas, rugged laptops, cameras, and device mounts. These installations ensure constant communication with headquarters, access to real-time data, and efficient operations. Our rugged laptops and secure mounts withstand the rigors of construction work, providing reliable performance in all conditions.

Security Solutions

Our security solutions are tailored to meet the stringent requirements of the construction industry, offering multi-faceted protection and enhanced situational awareness. Our video surveillance, access control, and detection systems work together to create the safest and most secure job sites possible.

Intelligent Video Surveillance and Analytics

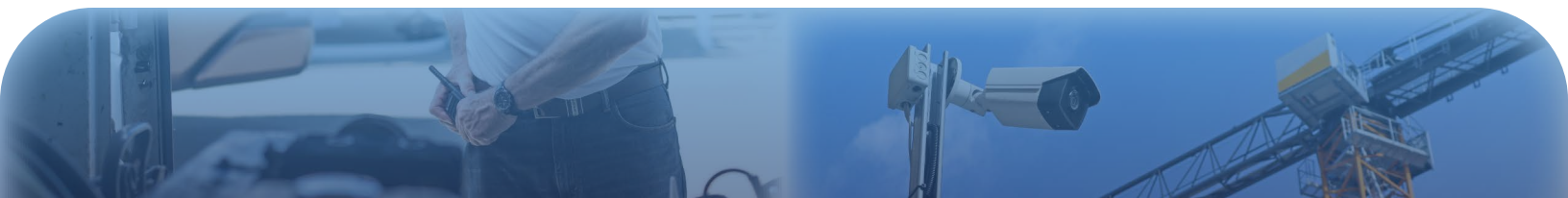
We offer advanced surveillance solutions with embedded analytics to enhance security and situational awareness on construction sites. Our systems provide real-time monitoring, facial recognition, object detection, and more for proactive threat detection and rapid response. These solutions improve building values by delivering high-resolution video and actionable insights for improved security, while our portable, solar-powered surveillance trailers enable remote job site monitoring.

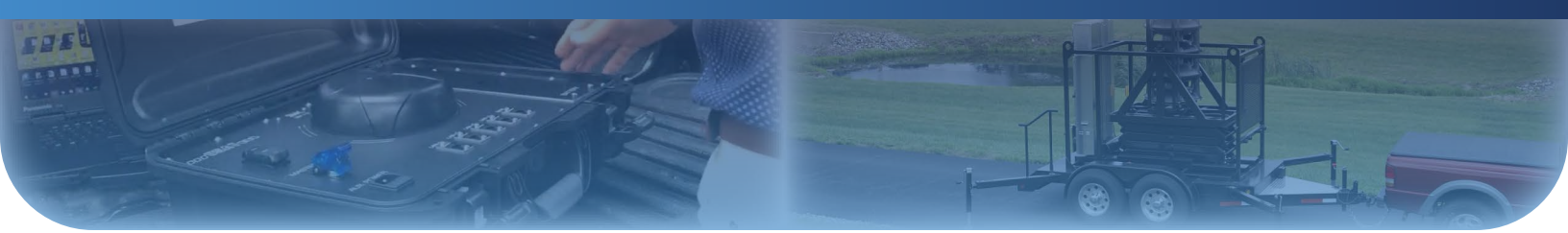
High Security Access Control Systems

Our access solutions ensure only authorized personnel enter your buildings and job sites. Using RFID readers, smart cards, and more, our systems provide multi-layered security whether installed in new buildings for long-term tenant security needs or procured in portable formats for securing the complete job site. When integrated with video and alarm systems, they create a comprehensive security network to protect critical assets.

Perimeter and Intrusion Detection Systems

To safeguard construction sites, MCA offers state-of-the-art perimeter and intrusion detection systems. These include alarm systems connected to motion sensors, infrared barriers, and seismic detectors to monitor and secure perimeters. Our standalone solutions, combined with the detection technologies integrated within our video surveillance and access control systems, enable rapid threat identification and responses to unauthorized access attempts, ensuring the security of job sites, construction equipment, and the buildings themselves.





Data Solutions

Our data solutions cater specifically to the needs of the construction industry, ensuring robust connectivity and enhanced communication capabilities across all stages of your projects. These fixed, mobile, and portable solutions form a solid framework that supports the unique and demanding requirements of construction firms and job sites, helping them create a connected, secure, and efficient environment.

In-Building Wireless and Broadband Infrastructure

We provide Public Safety ERRCS, Cellular DAS, and Fiber Optical networking solutions to ensure your new builds have a future-proof technology foundation — guaranteeing day-one connectivity, preventing delays in COAs, and supporting your future tenants evolving technology needs. Our solutions ensure seamless communication and enhance coverage and capacity to provide reliable high-speed connectivity.

Mobile and Branch Cellular Networking

Our cellular networking solutions provide broad coverage and secure communication for fixed, mobile, and portable use cases. We equip your central and satellite offices with branch devices for parallel networking and 5G failover, ensuring uninterrupted communications. We also ensure mobile connectivity for vehicles and portable construction trailers and supply ruggedized portable networking kits that can connect up to 256 end-user devices in the field at the flip of a switch.

Mass Notification Systems

Our Whelen MNS solutions are essential for jobsite safety, alerting, aiding, and directing your workforce to safety during emergency events. We offer compact trailers that extend upon deployment, providing comprehensive coverage for job sites. These systems can also integrate with security systems to issue audible alerts to intruders. Additionally, we provide solutions to outfit entire new buildings with mass notification systems couple with alarm system integrations, enhancing future tenant safety.

Our Services

MCA is dedicated to empowering the construction industry with reliable, secure, and cutting-edge communication and security solutions. As a trusted partner, we provide the knowledge, support, and integration experience needed to meet today's complex communication and security challenges, ensuring seamless operations and enhanced safety tailored to the unique needs of construction projects.

Professional Services

Our professional services offer real estate developers, builders and independent contractors unparalleled expertise in managing system installation and implementation projects. With over 90 locations in 14 states, MCA's specialized field engineering teams ensure precise office and job site deployments with seamless integration. We operate both inside and outside our footprint, providing robust communication infrastructures nationwide.

Managed Services

Our managed services provide peace of mind through proactive system management and support. **SLA's** allow firms to select specific services and their frequency, ensuring ongoing performance and reliability. **MTaaS** offers comprehensive technology management for your team's equipment without the hassles of ownership. While **SecurePlan** provides for the installation, integration, and continuous monitoring and swift issue resolution for your own facilities security systems.

Integration Services

Our team unifies and streamlines construction firm operations in both the office and in the field. MCA's command center software, custom APIs, and application development enable seamless integration across disparate systems, enhancing situational awareness and operational efficiency. These solutions not only improve your firm's internal operations but also add value to the buildings you construct, ensuring clients benefit from advanced, integrated solutions that enhance operational excellence.

Partner With MCA as Your Trusted Advisor

MCA partners with a wide range of construction businesses, including real estate and commercial property developers, general and electrical contractors, and real estate investment firms. Our voice, data, and security solutions, combined with our extensive service offerings, provide construction enterprises with top-tier connectivity, security, and operational efficiency. With our comprehensive expertise and industry certifications, MCA is equipped to handle projects of any scale, enhancing your operations and delivering value to your clients.

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.

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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 white center. 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.