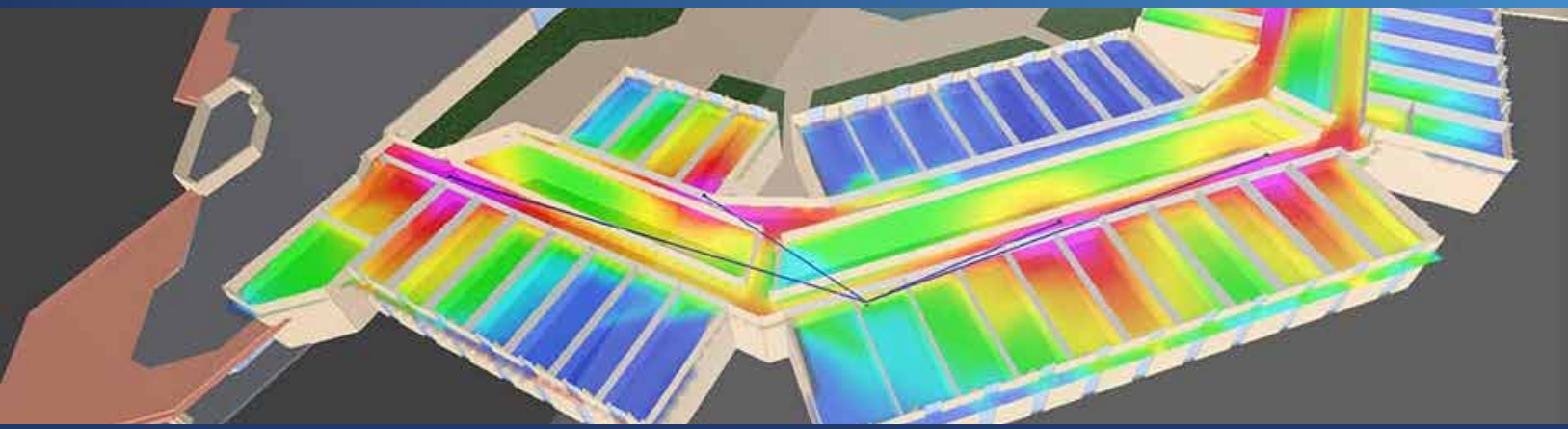


IN-BUILDING WIRELESS SOLUTIONS OVERVIEW



A Top-Tier Integrator of DAS Solutions

The MCA In-Building Wireless Solutions (IWS) Group is a premier integrator of in-building and campus-wide wireless solutions — supplying best-in-class engineering design, project management, implementation, commissioning and maintenance services. Our team engineers and installs Commercial Distributed Antenna Systems (DAS), Private LTE/5G solutions, Public Safety ERRC, Wi-Fi, and multi- and single-operator systems and solutions within both public and private venues.

Our high level of expertise in development and deployment enables our team to create customized, future-proof solutions that satisfy clients wireless coverage and capacity needs. We utilize our neutral approach to developing innovative, multi-operator DAS networks within corporate campuses, hospitals, universities, airports, shopping malls, and more across the USA.

Our Mission

MCA's IWS Group was founded with a mission to ensure reliable radio communications and quality cellular user-experiences by providing innovative, practical, and exceptional design and integration of campus-wide and in-building wireless solutions.

Our Vision

To be the premier provider of engineering and implementation Services of Distributed Antenna and Wide Area Coverage and Capacity enhancement solutions. Our experience at designing and implementing diverse mobile networks is unmatched in the industry. We offer a full array of services to provide our customers with systems tailored to meet their requirements today and well into the future.

Our Guarantee

From basic wireless coverage improvement to campus wide coverage and capacity enhancement, MCA guarantees that the system will perform as specified in our custom tailored design documents.

Our Services

- Requirements Assessment
- Benchmarking and Testing
- System Planning and Design
- Project and Vendor Management
- On-site Installations
- System Optimization
- Equipment Servicing, Monitoring, and Maintenance

Our Expertise

Technologies

- Public Safety Radio
- 3G / 4G LTE / 5G (Sub-6)
- GSM, CDMA, TDMA, iDen

Products Installed

- Bi-Directional Amplifiers (BDA)
- Distributed Antenna Systems (DAS)
- Base Transceiver Stations (BTS)
- Cabling (Coax, Fiber, Cat-5/6, Etc)
- Small Cells
- RF Accessories



Discovery

MCA consultants work with organizations, both big and small, to fully assess, determine scope, and gather the necessary requirements to provide a complete solution to fit their specific budget.



Site Survey + Design

RF Coverage is then tested, and if determined that a solution is required, MCA will formulate a plan and an iBwave design. Our design engineers are iBwave certified and have years of in-building design experience.



System Installation

With 20 years as a tier 1 DAS Integrator, MCA's project managers and technicians have a vast amount of expertise in installing any system, from one for a small office to a large campus-wide DAS fiber solution.



System Commissioning

MCA's In-Building Wireless Solutions engineering group will optimize each component of the system to ensure peak performance using advanced RF test tools and bring the system fully on air. MCA installers are certified in all DAS OEMs.



Inspection + Approval

Once the system is on-air and tested, the system is ready for AHJ inspection and final signoff. MCA project managers will handle all upfront permitting and back-end approvals required to assure NFPA and IFC compliance.



Ongoing Support

Our equipment service agreements (ESA) include ongoing system support and annual site visits, and our in-house Network Monitoring System (NOC) notifies MCA of any issues for quick maintenance response.

About MCA

Enterprise leaders faced with problems from communication gaps, security challenges, and data threats choose MCA's certified teams to design, implement, and maximize solutions, from the most trusted and reliable US-based manufacturers. These leaders love the assurance of MCA's local sales and service teams, being there in the moments that matter throughout the life of the solution. **We are the trusted advisor for a safe, secure, and efficient workplace.** MCA offers a carefully researched portfolio of voice, data, and security solutions. As your trusted advisor, we reduce the time and effort needed to research, install, and maintain the right solutions to make your workplace better.

CONTACT US TO ENHANCE YOUR IN-BUILDING WIRELESS COVERAGE TODAY



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