



SERVING

- Data Centers
- Commercial
- Technology
- Health Care
- Education
- Multi-Family

WELCOME TO MDI:

MDI Electrical Construction, Inc. is a full-service electrical and telecommunications contracting firm providing a range of solutions designed to assist our clients in today's rapidly changing environment. While we are based in the Midwest, our territory expands to meet the needs of our customers, both nationally and globally.

THE MDI DIFFERENCE:

With over 25 years of experience, serving Chicagoland and providing a global reach to serve our customers, MDI has an uncompromising commitment to excellence and innovation.

Our experience & dedication provide our customers with the best in project management, new technology, and many other resources in the data center, commercial, industrial, retail and other business service sectors. MDI is constantly finding new and innovative solutions that exceed customer's expectations, always providing genuine quality and value through our design methods and quality installations.

Whether its building power, generation, energy savings or advanced technologies installations, MDI always does it right the first time.





OUR SERVICES

- Power Distribution
- Lighting
- Critical Power
- DC Power Systems
- Testing & Commissioning
- Electrical Decommission

Electrical Construction Services:

MDI Electrical Construction, Inc. has creative solutions to fit any commercial electrical project. From large installations to repair service jobs, MDI can meet all your electrical needs. We have a staff of knowledgeable, professional project managers as well as a workforce of highly experienced electricians who will assist in completing your project both on time and on budget.

We are dedicated to creating electrical solutions based on your specific project requirements, supported with on-site know-how to troubleshoot even the most complex installations. All of our complex projects are modeled virtually prior to construction. Utilizing the latest in BIM technology, clash detection and CFD modeling, MDI is able to provide realistic models to meet both budget and time.





VOICE & DATA

- Design Build
- Cat 6 Through 10G Certified Solutions
- Wireless Access Points

FIBER OPTICS

- SM & MM Fiber
- Indoor & Outdoor
- Fusion Splicing
- Fusion Termination
- Testing & Certifications

VOICE & DATA/ FIBER OPTICS

MDI is committed to providing our customers with not only the best products in the constantly changing Tele-Communications and VDV environments, but also the best qualified technicians to install those products.

Our Voice & Data division provides engineering and installation of station and backbone cabling infrastructures. We are a corporate BICSI Member and we adhere to the general standards of EIA/TIA and BICSI when designing infrastructure. MDI provides voice and data solutions through our cable channel partners that have a 25-year warranty that covers repair or replacement of defective components.

MDI technicians are specialized in the splicing and testing of inside and outside plant for both single-mode & multimode fiber installations. Our technicians are supported by state-of-the-art fusion splicing and fiber optic testing equipment and are trained and certified by leading manufacturers.



Industry Associations



Certified Installer



Certified Installer



SERVICES

- Engineering & Design
- Turn-Key Critical Power Systems
- Wide Capacity Range of Backup Options from Rack Mount UPS through 3MW Generators
- Automatic Transfer Switches
- IR Scanning
- Battery Replacement
- Load Bank Installation & Testing

GENERATORS:

MDI provides the highest-quality mission-critical engineering applications & specifying services. Our team of professional engineers and electricians are specialized in working in critical data power systems. Generator support can provide a complete long autonomy solution for your business systems, and MDI Electrical Construction can provide you with a turn-key solution, from beginning to end, whatever the requirements are.

UPS SYSTEMS:

Critical systems must be in operation in order for a business to function. When the power goes out, telephones, computers, and other critical equipment go out as well. In most businesses this creates unproductive time and possibly the loss of business. With an Uninterruptible Power Supply (UPS) at your facility, you can ensure that data is protected and systems critical to the operations of your business continue to stay powered-up even when everyone else is in the dark.

MDI has the knowledge and experience to provide a full range of installation possibilities from a single server rack mount UPS all the way up to a 2 megawatt parallel redundant system with the capacity to power data centers with the most dense power concentrations in the industry.



SYSTEM INSTALLATIONS

- Security Systems
- Sound Systems
- Card Access Systems
- Closed Circuit TV
- System Installation Drawings
- Final Test and Certification
- Fire Alarms
- Building Life Safety

MDI SYSTEMS INTEGRATION:

Traditionally low voltage systems such as security, life safety, connectivity, video and communication have operated independently. As these systems migrate to IP based architecture, the need for integration has exploded. MDI has shepherded this process with our data center and multi-tenant clients.

DEPENDABLE TECHNOLOGY:

To provide our customers with a full range of up to date, high-tech solutions, MDI has partnered with the most advanced technology manufacturers. We are dedicated to providing fast and dependable installation, inspection and support services in order to meet the maximum level of life safety requirements for your facility.

From system retrofit, to new construction, our project team has vast industry experience and technical competence. MDI provides the very best value for your project regardless of size and complexity.

