# GIBSON ELECTRIC & TECHNOLOGY SOLUTIONS DISTRIBUTED ANTENNA SYSTEMS

### HUNDREDS OF PROJECTS.

### ELEVEN MAJOR MARKETS SERVED.

- Commercial
  - Office Buildings
  - Retail
- Entertainment/Hospitality
  - Arenas
  - Hotels/Casinos
- → Healthcare
- Education
- Manufacturing
  - Private Sector
- Mission Critical Facilities
- → Public/Government
- → Technology
  - Data Centers/Call Centers
  - Telecommunications
- Transportation
- → Warehouses/Distribution Centers
- → Water Management



# Cutting-Edge Wireless Networks For Today's Data-Driven World.



### Gibson Electric & Technology Solutions

is an ISO 9001:2015-certified electrical construction firm specializing in commercial electrical and telecommunication infrastructure design, structured cabling installation and maintenance, electrical power distribution systems, data transmission systems, and Distributed Antenna Systems (DAS).

Integrating a DAS system into a building's telecommunications network can significantly improve the transmission of digital data signals, like Wi-Fi or cellular, throughout a property. Over the last 10 years, Gibson Electric has installed over 150 million square-feet of DAS coverage, helping to develop and refine the technical expertise needed to implement complex DAS systems in a variety of facilities. Gibson Electric's DAS systems help provide uninterrupted network connectivity that can help improve tenant well-being and satisfaction.

### Advanced Technology. Expert Technicians. Gibson's Advantage.

Gibson Electric utilizes industry leading technology to help ensure DAS systems are installed efficiently and effectively. Computer Aided Design (CAD) and Building Information Modeling (BIM) technologies help ensure that DAS systems are planned according to a property's specific network needs. Well-coordinated conduit raceways reduce labor time and cut costs spent on cabling material. Additionally, colored raceways allow DAS cabling to be easily distinguished from other building systems during future electrical projects. From pulling and terminating coaxial cable to fusion splicing fiber-optic lines, Gibson Electric's highly-qualified electricians are prepared for a wide range of DAS challenges.

# Remote Unit Single Mode Fiber Optic Cable Low Loss Coax / Cat 6A Antenna Antenna Bi-directional Amplifiers Carrier Signal Source

TYPICAL DAS DIAGRAM

### **HOW CAN WE HELP YOU?**

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## GIBSON ELECTRIC & TECHNOLOGY SOLUTIONS DISTRIBUTED ANTENNA SYSTEMS







### Industry Certified. Highly Experienced. DAS Experts.

Gibson Electric's DAS certifications include:

- → Sweep testing
- → Passive Intermodulation (PIM) testing
- → Optical Time Domain Reflectometers (OTDR) testing
- → Corning
- → JMA
- → Solid
- → Comscope

### Advanced DAS Networks. For a Full Range of Facilities.

DAS systems can provide increased integrity, complete and total coverage of targeted spaces, and added data capacity to the telecommunication networks in a variety of buildings. Gibson Electric offers DAS networks to a full-range of facilities, including:

- → High-rise buildings
- → Offices and corporate campuses
- → Retail centers and shopping malls
- → Healthcare facilities and hospitals
- → Airports and train stations
- → Manufacturing and industrial facilities
- → Hotels, casinos, and convention centers
- → Sports venues and stadiums
- University campuses
- → Government municipalities

### Safety Is Job #1. And #2, and #3, and #4...

Gibson Electric, an EMCOR company, is passionate about safety and quality. EMCOR's safety performance is far better than the Bureau of Labor Statistics industry averages, with a rate of injury that is consistently 60%–75% lower than competitors.

(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2004-2012)

# Harnessing the Power of a Fortune 500<sup>®</sup> Leader

EMCOR Group, Inc. (NYSE: EME) is a Fortune 500® leader in mechanical and electrical construction, industrial and energy infrastructure, and building services for a diverse range of businesses.

EMCOR Group, Inc., is ranked #1 "World's Most Admired" in the Engineering and Construction Industry for 2018 by Fortune®. For 10 consecutive years, EMCOR has been named amongst the Top 5 "World's Most Admired" Companies.

EMCOR builds, powers, services, and protects the sophisticated and dynamic systems that create facility environments in virtually every sector of the economy for many successful organizations. By planning, installing, operating, and maintaining a wide range of facilities and systems, 33,000 employees at 170 locations help clients increase productivity and optimize their businesses.

