

# EMCOR DATA CENTER SERVICES

## Constructing Mission Critical Facilities from the Ground Up

Whether installing thousands of feet of electrical duct bank or designing highly redundant back-up power systems, EMCOR Group companies have the capacity to provide end-to-end electrical construction for data centers.

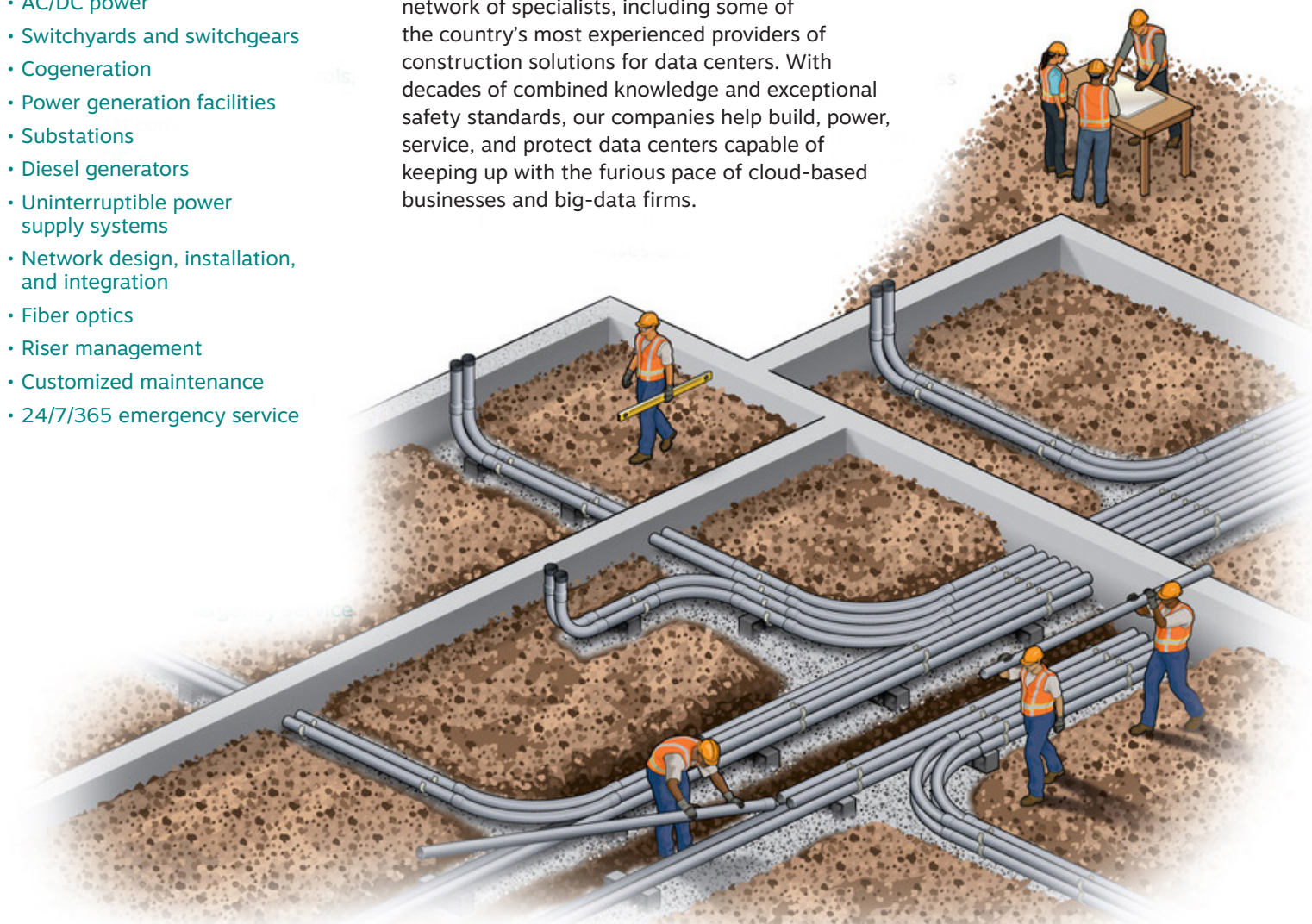
### MISSION-CRITICAL SERVICES

- Infrastructure design-build
- Extensive remote prefabrication facilities
- High- and low-voltage construction
- Cabling and ductwork
- Electrical distribution
- AC/DC power
- Switchyards and switchgears
- Cogeneration
- Power generation facilities
- Substations
- Diesel generators
- Uninterruptible power supply systems
- Network design, installation, and integration
- Fiber optics
- Riser management
- Customized maintenance
- 24/7/365 emergency service

Our companies can plan, design, install, maintain, and retrofit a full range of sophisticated data center infrastructure and power generation systems. Their teams include professional project managers, skilled engineers, and experienced BIM and CAD professionals, all working together to meet your most demanding mission-critical construction requirements.

### Nationwide Data Center Services

EMCOR Group companies are part of a national network of specialists, including some of the country's most experienced providers of construction solutions for data centers. With decades of combined knowledge and exceptional safety standards, our companies help build, power, service, and protect data centers capable of keeping up with the furious pace of cloud-based businesses and big-data firms.



# EMCOR DATA CENTER SERVICES

## A Single-Source to Connect All Your Mission Critical Networks

From fiber-optic installation to complex network design, EMCOR Group companies offer single-source voice/data system solutions including planning, engineering, purchasing, integration, and more.

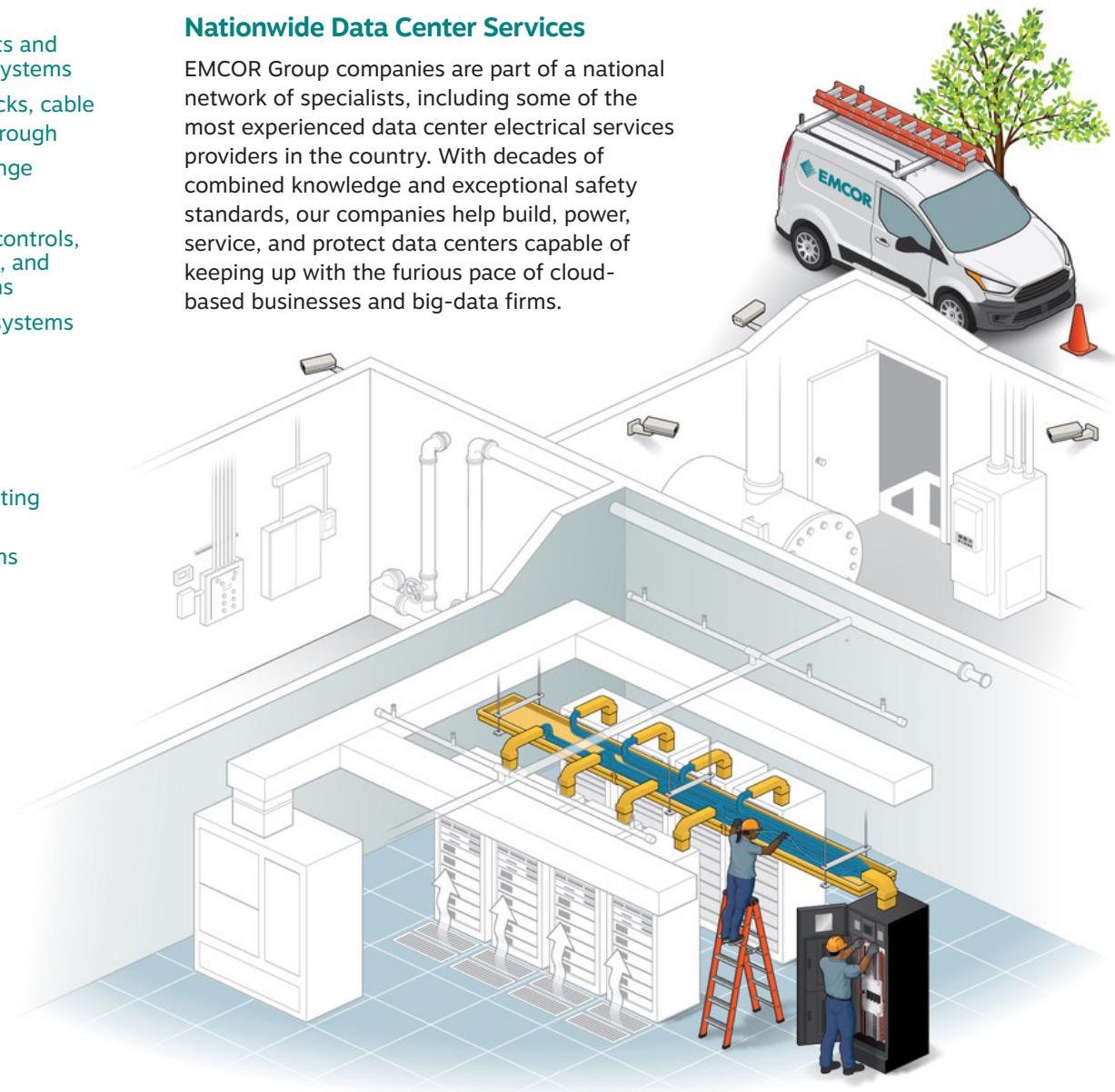
Our companies invest in continuous training and the latest equipment to help ensure services are cutting edge. Their engineers and technicians are ready to solve complex construction challenges, delivering sophisticated data center infrastructure, network integration, and structured cabling.

### MISSION-CRITICAL SERVICES

- Infrastructure design-build
- Extensive remote prefabrication facilities
- Network design, installation, and integration
- Wireless access points and distributed antenna systems
- Network cabinets, racks, cable tray, and fiber optic trough
- Private branch exchange
- Instrumentation
- Programmable logic controls, direct digital controls, and digital control systems
- Security and access systems
- Cabling
- Fiber optics
- Splicing
- Voice/data
- Testing and fault locating
- Customized maintenance programs
- 24/7/365 emergency service

### Nationwide Data Center Services

EMCOR Group companies are part of a national network of specialists, including some of the most experienced data center electrical services providers in the country. With decades of combined knowledge and exceptional safety standards, our companies help build, power, service, and protect data centers capable of keeping up with the furious pace of cloud-based businesses and big-data firms.





# EMCOR DATA CENTER SERVICES

## Sophisticated HVAC Solutions for Sophisticated Environments

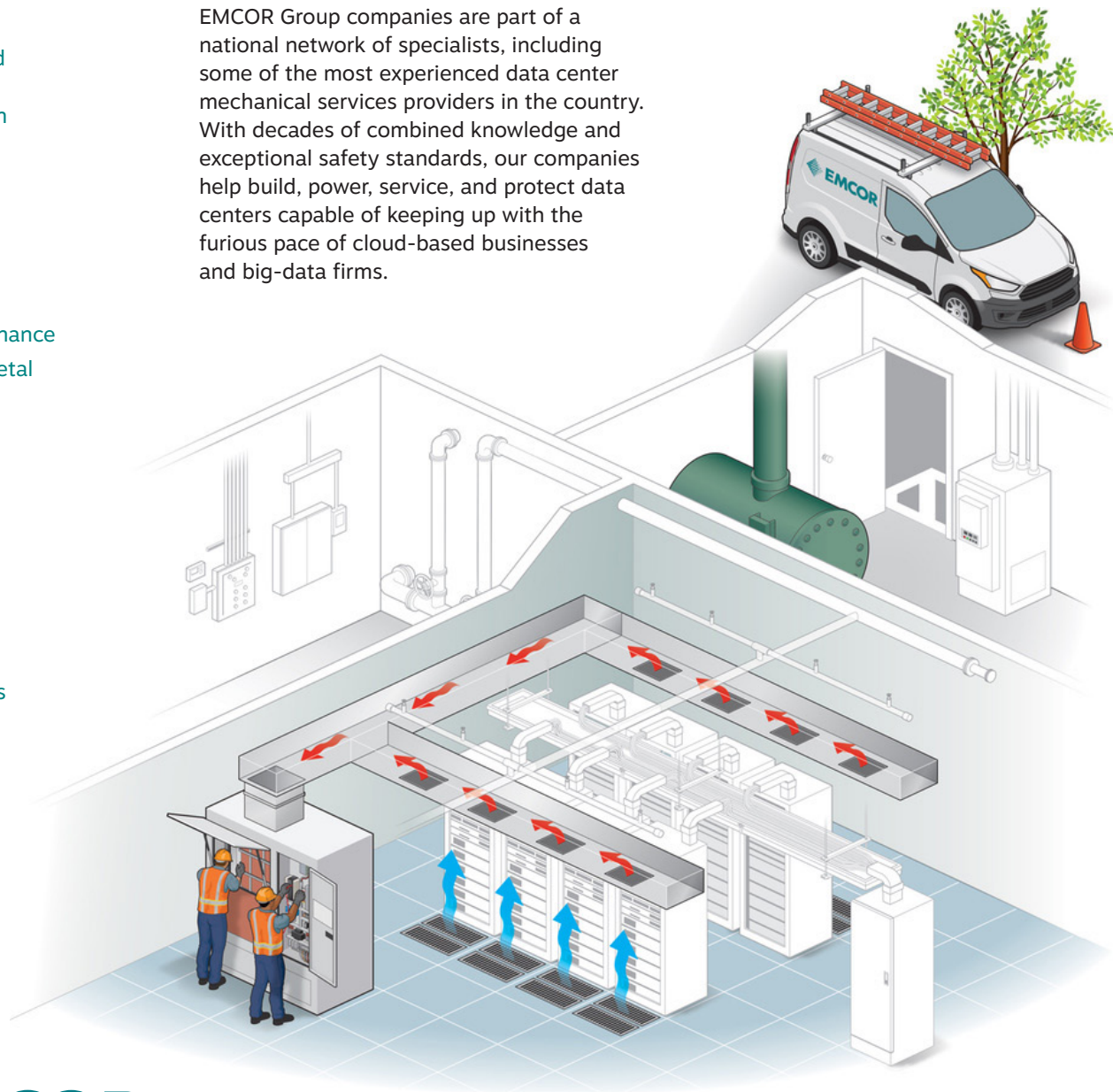
Whether you need complex HVAC and plumbing installations or professional monitoring and maintenance for advanced cooling systems, EMCOR Group companies offer a full range of mechanical solutions for cutting-edge data centers. They have worked on a number of the country's most impressive HVAC and mechanical projects for some of the nation's most prominent tech companies.

### MISSION-CRITICAL SERVICES

- HVAC
- Plumbing
- Emergency service
- Design/engineering
- LEED solutions
- Preconstruction and procurement
- Building information modeling
- Design-assist and design-build
- High-purity piping
- Boiler services
- Chiller services
- Customized maintenance
- Piping and sheet metal fabrication
- Estimating
- Industrial and process piping
- Temperature and process controls
- Testing, adjusting, and balancing
- Thermal storage
- Condensate wastewater systems

### Nationwide Data Center Services

EMCOR Group companies are part of a national network of specialists, including some of the most experienced data center mechanical services providers in the country. With decades of combined knowledge and exceptional safety standards, our companies help build, power, service, and protect data centers capable of keeping up with the furious pace of cloud-based businesses and big-data firms.



# EMCOR DATA CENTER SERVICES

## Service, Support, and Maintenance to Keep Your Data Center Up and Running

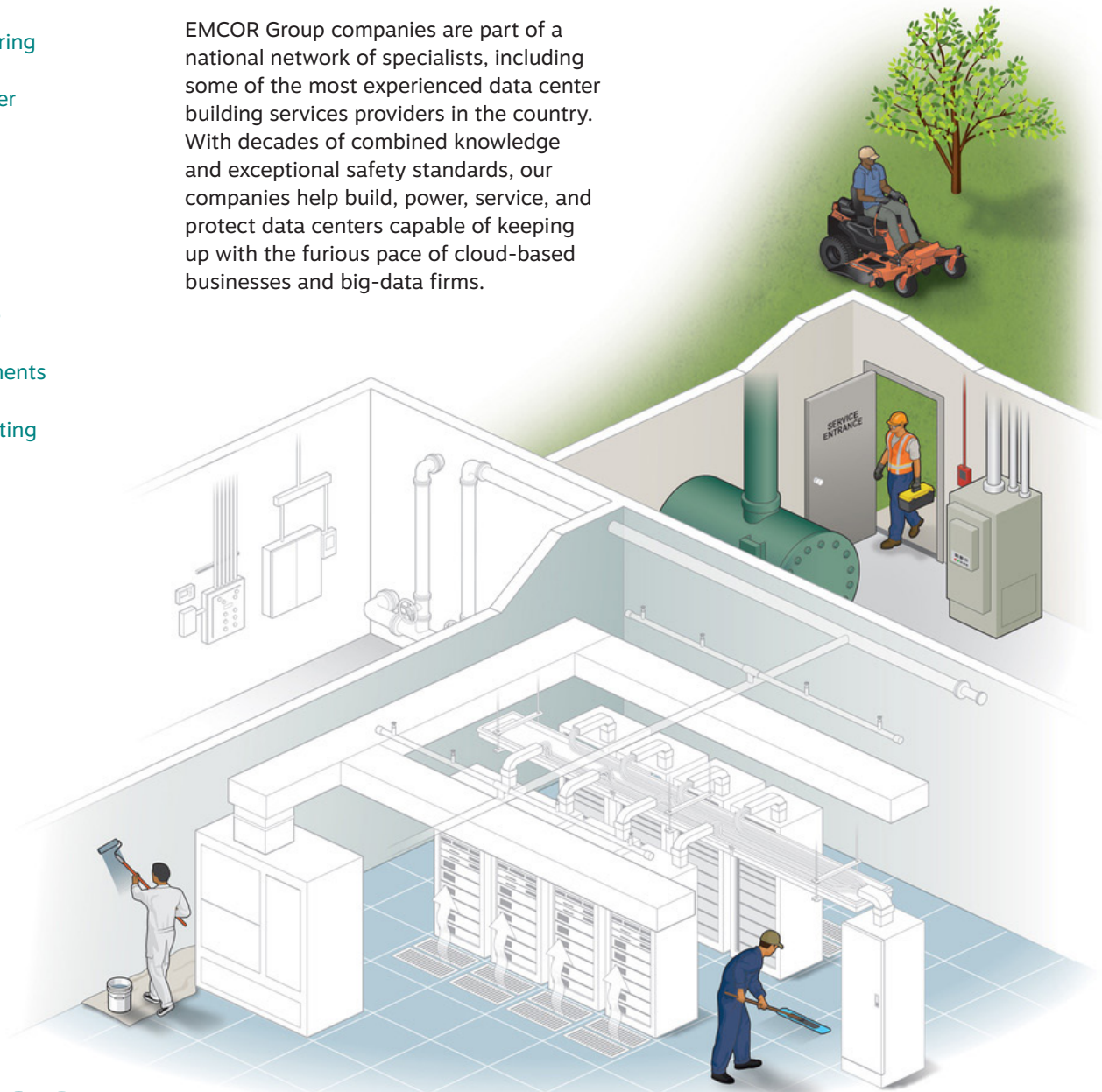
EMCOR Group companies provide 24/7/365 on-site mechanical and electrical systems support, as well as emergency and after-hours services. Our scope of work covers construction, maintenance, and mobile services for a wide range of equipment, including centrifugal chillers, heat pumps, and rooftop and computer-room air-conditioning and direct-expansion units.

### MISSION-CRITICAL SERVICES

- Integrated facilities management
- Asset management
- Disaster recovery
- Mechanical engineering design
- Uninterruptible power supply systems and monitoring
- Monitoring controls
- Life safety systems
- Backup power
- Access flooring
- Mobile maintenance solutions
- Service level agreements
- Key performance indicators and reporting
- 24/7/365 Customer Solutions Centers

### Nationwide Data Center Services

EMCOR Group companies are part of a national network of specialists, including some of the most experienced data center building services providers in the country. With decades of combined knowledge and exceptional safety standards, our companies help build, power, service, and protect data centers capable of keeping up with the furious pace of cloud-based businesses and big-data firms.



# EMCOR DATA CENTER SERVICES

## From Smoke Detection to Foam Systems— Specialized Fire Protection Solutions

### MISSION-CRITICAL SERVICES

- Backflow preventers
- Wet and dry sprinklers
- Pre-action and deluge systems
- Foam systems
- Fire equipment repair
- System monitoring
- CO2 systems
- Special hazards and fire suppression systems
- Clean agent systems
- Fire alarms and detection systems
- High-speed and ultra-high-speed detection systems
- Fire pumps
- Water storage tanks
- Antifreeze
- Standpipe and fire hose systems
- Smoke detector sensitivity testing
- Dry chemical systems
- Halon replacement systems
- Fire sprinkler testing, repair, and service
- Fire service reports
- Fabrication
- Maintenance and inspection

EMCOR Group companies design and install some of the most sophisticated fire suppression and detection equipment. Our expertise spans from wet pipe and pre-action sprinklers to specialty systems, like inert gas, adapted to sensitive data center environments.

CAD and hydraulic calculation software help improve accuracy in order to meet both code requirements and stakeholder objectives. Our teams can also upgrade older systems and integrate them into digitally managed emergency power frameworks.

### A Nationwide Network of Trusted Data Center Services Providers

EMCOR Group companies are part of a national network of specialists, including some of the most experienced providers of data center fire protection solutions in the country. With decades of combined knowledge and exceptional safety standards, our companies help build, power, service, and protect data centers capable of keeping up with the furious pace of cloud-based businesses and big-data firms.

