

McPhee

Network Technologies

 **McPHEE**

**McPhee
Electric**

**NETWORK
Technologies**



Helping your business run at top speed.

Access. Speed. These are the tie breakers in business today. How quickly and easily your customers connect to you determines the degree of your success. How well will your cable plant fully support your high-speed data transmission? This is the ultimate question - one that McPhee Network Technologies can help you answer with confidence.

Reach your business goals.

Whether you want to connect a small number of workstations or need to design and build an entire cable plant, we can help. Is your business growing? Do you need to support multiple locations? Is it time to ratchet up your customer service operation?

Whatever you need, we'll work with you to design and install a network system that will enable your business strategies, increase productivity and efficiency, and reduce your overall costs.

The point is, we know what works. We know what's next. And we are here to get and keep your information flowing at top speed. Guaranteed.

Structured Cabling Systems

Connectivity is more than cabling. A well-planned and executed structured cabling system can't be an afterthought. The convergence of voice, data and video and the bundling of these technologies into one integrated infrastructure are creating a new set of exciting opportunities for your business. Opportunities that McPhee can help you capture.

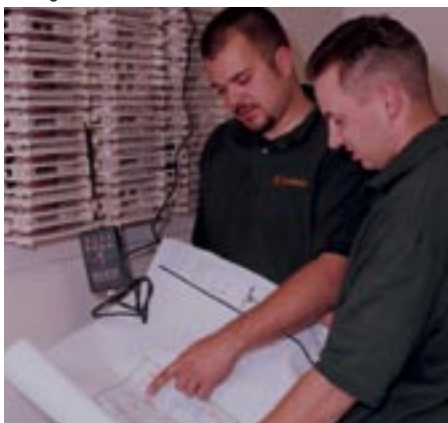
We focus on structured cabling systems by combining our knowledge of the EIA/TIA standards with quality installation practices. Our BICSI Registered Communications Distribution Designers (RCDD) can help you design and build the end-to-end systems with the bandwidth you'll need to support your business and the technology it relies on.

Thorough in our design and installation services we'll even provide you with a comprehensive set of CAD generated design drawings as well as complete cable management documentation at the completion of every project.

Patch panel termination



Testing voice backbone cables



Certification testing of structured cabling system



Voice, Data, Video Networking

Whether it's gigabit ethernet, voice over IP or streaming video, our engineers and technicians are industry trained, certified and ready to design and install a physical infrastructure that stays ahead of emerging application requirements.

We understand that details are the core of this business. That's why, at McPhee, pre and post-installation inspection are performed for every project. Cable test reports are generated using state-of-the-art testers calibrated to the manufacturer's specifications and EIA/TIA testing perimeters. Plus, we pay strict attention to ensure that the maximum cable bend radius is never violated during installation. Every cable is always labeled at both ends to help you "read" your system at any time, and a bonding and grounding system is put into place to provide electrical protection of the infrastructure system.

All this is demonstration of McPhee's knowledge and commitment to provide you with the best system available for your business.



Fiber Termination

Fiber Optic Technologies

Fiber Optic technology can effectively reduce your costs and improve your network connectivity. From multimode and single mode campus wide networks to high bandwidth 62.5/125 and 50/125 backbone and horizontal systems, McPhee has the industry recognized experience and test equipment to design, install and certify virtually any style performance-based fiber network system.

We are skilled in a variety of indoor/outdoor fiber optic system termination and splicing methods including fusion and mechanical splicing, heat shrink splice protection, field-installable connectors UniCam multimode, single mode and MT-RJ, anaerobic glass insertion and epoxy and polish connectors.

What's more, we continually invest in the best training for our technicians and make certain that our splicing and testing equipment is the most current in the industry. All of our fiber technicians are fully trained to use our in-house Corning Micro Fusion Splicer, OTDR Plus Multitester II, and OTS Express Series Power Meters and Light Sources.

Data Center Design

Our staff of engineers, power system specialists and infrastructure experts can help you in all phases of your data center development including the preparation of budget planning, facility and power quality audits, feasibility studies, power consumption planning and relocation planning. In addition, we can assist with the proper design and installation of HVAC, electrical, mechanical, racking, enclosures, as well as flooring and pathway products.

What's more, we can provide plug & play fiber to help keep your moves, upgrades and expansions easy, fast and efficient.



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Branch Offices

Stratford, CT

Why McPhee?

For over 25 years, McPhee has provided superior service to customers throughout New England. Experts in all aspects of network technologies, we are able and ready to support all your high speed data needs.

Our goal is to develop long-term relationships of value with our customers, employees, partners and vendors, and our experience has taught us that relationships mean everything. Building and maintaining them is more than a philosophy at McPhee – it is a tradition on which our success has been built to date – and a tenet that will guide our growth strategies well into the future.

We are committed to consistently provide only the best end-to-end quality and service, for every customer, on every job, no matter what.

We are McPhee Electric, and we are here to deliver. Guaranteed.

List of services

- Prime electrical contracting
- Electrical subcontracting
- Critical power & data center support
- Medium voltage distribution
- Conceptual planning
- Feasibility studies
- Budgeting
- CAD design / Engineering
- Preventative maintenance
- Teledata integration
- 24/7 emergency response and resolution