Consult ▶ Connect ▶ Protect

Driving North Carolina's Progress

MCNC connects, protects, and empowers the institutions and innovators that make our state stronger, with our nearly 5,000-mile fiber network.



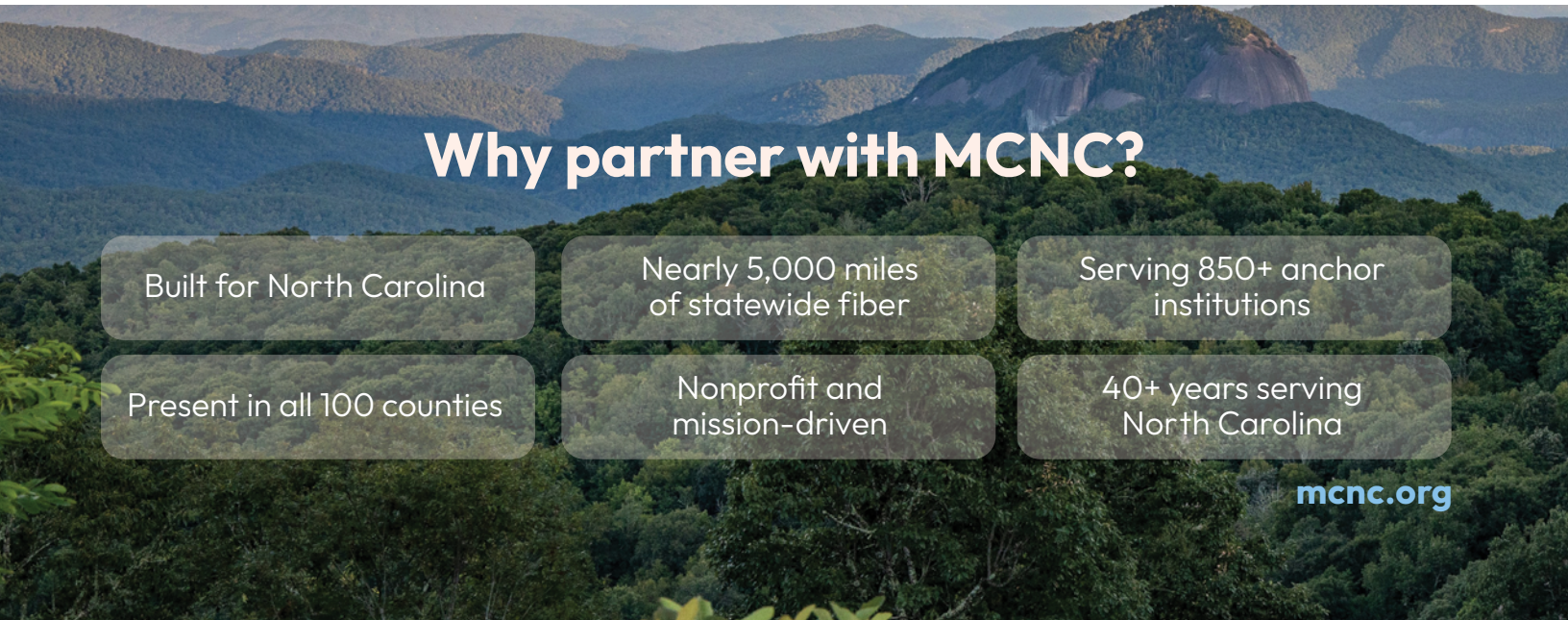
MCNC

North Carolina's Network

MCNC uses high-performance broadband infrastructure via the North Carolina Research and Education Network (NCREN) to bring connectivity and technology services to every corner of our state. With regions ranging from rural to urban, mountain to coastal, MCNC scales to meet meet all communities' broadband needs and provides value-added solutions to support their economic development, collaboration, and innovation.

Nearly 5,000 miles of fiber infrastructure

- Multiple high-capacity, geographically diverse connections to Tier 1 commodity internet providers
- Direct Layer 2 access to AWS Direct Connect, Microsoft Azure ExpressRoute, and Google Cloud Dedicated Interconnect
- Direct peering with major public cloud providers via the Internet2 Peering Exchange over high-capacity, resilient routes
- On-net caching engines from major CDNs and content providers for fast, localized delivery



Why partner with MCNC?

Built for North Carolina

Nearly 5,000 miles of statewide fiber

Serving 850+ anchor institutions

Present in all 100 counties

Nonprofit and mission-driven

40+ years serving North Carolina

mcnc.org

A technology partner—not just a network.

MCNC provides the infrastructure, expertise, and services North Carolina's institutions need to operate securely, adapt to change, and drive progress.



Consulting

We assess your environment to uncover risks and opportunities, advise on your path forward, and respond when issues arise—helping you resolve problems today while building self-sufficiency for tomorrow.



Connectivity

Built on NCREN, our connectivity solutions are purpose-built for the institutions and businesses that keep North Carolina running. Flexible, scalable, and designed around your mission.



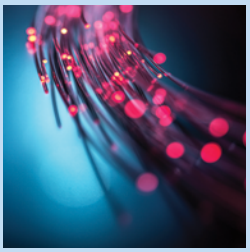
Cybersecurity

From fully managed solutions to advanced tools, our cybersecurity services solve your toughest digital challenges. Accessible, affordable, and holistic—this is the around-the-clock protection your organization deserves.



Data Center

We safeguard your critical data through disasters, emergencies, and power outages. From colocation and custom virtual machines to managed hosting, backup, and recovery, MCNC ensures your operations stay online.



Quantum Network

MCNC is building shared infrastructure to give North Carolina's universities, research groups, startups, and industry leaders access to quantum technologies previously out of reach.

Leading the Way Forward

850+ institutions. 100 counties. One network built for North Carolina. We're a purpose-driven nonprofit serving the public good with enterprise-grade performance.

- K-12 schools, colleges, universities, and community colleges
- Municipalities, state and local government, and state agencies
- Public safety and healthcare
- Cultural and educational institutions
- Research institutions
- Emerging markets: Agriculture, small businesses, credit institutions, start-ups, and more







MCNC

Built for North Carolina

MCNC is a nonprofit technology organization built to serve North Carolina. Since 1980, we've united infrastructure, expertise, and communities to keep our institutions connected, protected, and prepared for what's next.

3021 East Cornwallis Road Durham, NC 27713- 2852 919-248-1900 **mcnc.org**