



Infrastructure Engineering

Deploying a sustainable fiber optic network starts with smart design that considers capacity, cost, and future growth.

National Technologies (NTI) provides planning support specializing in CAD, network design, and fiber management for metro or long-haul networks. Our team understands considerations for current capacity and long-term performance and handles the most technically demanding work to meet your unique needs. We also offer turnkey support to cover the full lifecycle of a fiber or data center network including permitting, installation, maintenance, material planning, logistics and warehousing, documentation, and closeout.

Benefits

- Ensure up front that bandwidth and user demands will be met
- Meet security, compliance, and documentation requirements
- Manage current and future operational costs
- Establish healthy network management

Areas of Expertise

- Feasibility Studies
- Site Surveys
- Auditing
- Network Planning
- Network Documentation
- Network Analysis
- Permitting
- Project Management

Our Partners

- Carriers
- Manufacturers & Distributors
- Major cable MSOs
- Data Center, Colocation, Hyperscale, MTDC
- Enterprises
- Central offices

