



# Unleashing the **Power of Fiber** for the Benefit of the Consumer

## **Future Flexibility and Added Home Value**

Fiber to the home (FTTH) is one of the most important technologies for today's and tomorrow's networks. Not only is it capable of transporting virtually unlimited bandwidth and improving the quality of service, but it also reduces equipment and maintenance costs.

Network Connex leverages the expertise of Advantage Engineers, CCSI Networks, Fairhaven Integration Services, VERTICOM, and NTI to provide best-in-class digital infrastructure services for FTTH and FTTX deployment.

With a full range of robust capabilities, deep market presence in all major U.S. markets, and seasoned professionals in all ranks, Network Connex brings high-speed broadband services directly to your community.

Our project approach and many years of experience across design, engineering, construction, and fiber testing, splicing, and placement provide our customers with peace of mind in achieving a smarter and more sustainable fiber optics deployment that supports high-speed internet expansion in previously underserved areas.

Available 24/7/365, Network Connex's team of communications infrastructure specialists are experts in the complexities of fiber system design and proper installation to support any FTTH/FTTX project lifecycle from beginning to end – while following the highest quality standards.

**At Network Connex,  
a safe and highly trained  
workforce is our number  
one priority. Our teams  
learn and consistently  
apply our requirements for  
Safety First, Safety Always.**

“We’ve worked with Network Connex on multiple projects. They always take a holistic view, customize the solution, and implement the best approach.”

— NATIONWIDE MSO



## Fiber Solutions

### OSP/ISP Design & Engineering

- Site survey
- Fiber path network design
- Feasibility studies
- CAD design & drafting
- ROW permitting
- Utility pole attachments
- Pole data collection/pole inspections
- Civil, structural, & electrical drawings & analysis
- Utility management
- Inspection
- As-built verification

### Construction & Construction Management

- Program management
- Construction coordination & inspection
- Underground boring installations
- Overhead aerial installations
- 24/7/365 support for network repair & maintenance

### Fiber Splicing

- Ribbon fiber
- Single fiber fusion splicing
- Rollable/pliable ribbon fiber

- Microfiber cable
- Multimode & single-mode fiber
- High count mass fusion splicing
- Connectorization

### Fiber Testing

- Power metering
- Optical identifiers
- OTDR tracing
- Fiber characterization
- Documentation & troubleshooting

### Fiber Placement

- OSP and ISP placement
- Air blown fiber
- Deep understanding of the complexities of fiber pathways
- Manpower and equipment for all fiber installation applications

### Our Partners

We support fiber carriers, dark fiber providers, municipalities, campuses, utilities, manufacturers, and distributors.