



Modernizing **Cable Networks** with Expert Digital Communications Solutions

To compete in today's rapidly evolving digital communications market, cable MSOs are faced with modernizing their networks to achieve an optimized infrastructure that increases velocity and ensures high-quality, reliable services for future growth.

From helping overbuild copper plants with high-capacity fiber (FTTh) to upgrading and retrofitting central offices and data centers with the latest in digital infrastructure, Network Connex expertly helps MSOs meet the demands of the market.

The key to ensuring success is partnering with Network Connex – an experienced and innovative firm with the competence to meet the breadth and depth of an MSO's transformation, while mitigating, in advance, any potential problems that could occur during an upgrade, overbuild, or retrofitting.

What Makes Us Different

By successfully leveraging the diverse capabilities of our family of companies – Advantage Engineers, CCSI Networks, Fairhaven Integration Services, VERTICOM, and National Technologies (NTI) – we are able to harness deep in-house expertise to help MSOs with end-to-end solutions that solve the specific needs of their complex modernization journeys.

Your One-Stop Provider for Layers 1-3 of the OSI Model

From Layer 1 (the physical layer) through Layers 2 (the data link layer) and 3 (the network layer), Network Connex is unique in its depth of knowledge in all three layers. This range of knowledge separates us from the crowd by allowing us to provide far more efficient methods of completing the critical tasks for a more consistent and predictable deployment.

Cable MSOs Solutions

Infrastructure

Network Connex provides infrastructure expertise including overbuilding networks and the integration of the upgraded infrastructure with any existing infrastructure to assure proper operation at all load levels. Full infrastructure installation services include ladder rack, basket tray, fiber tray, overhead conveyance, relay racks, cabinets, and a wide-range of metal accessories.

Structured Cabling

With our structured cabling services, customers achieve increased communication speeds, greater reliability, scalability, and improved security with fewer connection points to attack.

Video Reception Platform Configuration

Advanced antenna systems are a viable option for large scale deployments, and Network Connex provides configuration of antenna systems associated with the reception of video content through satellites.

AC/DC Power

We provide engineering and installation of DC bus systems, DC powered equipment, power boards, batteries, BDFBs, and monitoring equipment.

Installation

Our unmatched installation services include equipment installation, inventory reporting, connectivity, labeling, transportation of equipment, and insurance.

Network Configuration

We provide engineering, installation, and testing services across multiple platforms in support of cable MSO customers, including software implementation and configuration. Project completion includes acceptance testing and installation.



AREAS OF EXPERTISE

- Rack & Cabinets
- Overhead Conveyance
- Fiber/Copper/Coax cabling
- OSP Campus Fiber Ties
- AC/DC Power
- Grounding & Bonding
- Integration Services