

# Cable Broadband Network Services

### A True Business Partner

Broadband cable operators continuously strive to differentiate themselves through innovative content and services in order to successfully enter new markets, retain existing customers and attract new ones. DOCSIS 3.0, Ethernet business services and cellular backhaul are recent examples of new technologies deployed by operators striving to meet customer demands, maintain a competitive advantage, and capitalize on industry trends.

Yet, increased network complexities are forcing operators to devote significant efforts to keeping costs down while supporting network upgrades and migrations. NextGen understands a flexible network is critical to support new business initiatives and provides comprehensive engineering, construction and fiber optics services that allow operators to cost-efficiently build new networks, easily scale existing networks and future-proof networks to address long-term business opportunities.

By partnering with nextGen, broadband cable operators are able to focus on what really matters – meeting customers' needs.



### A Full-service Provider

When it comes to building, upgrading and maintaining networks, nextGen delivers high-quality services and proven expertise that results in safe, efficient and cost-effective results, every time. The nextGen leadership team has managed and constructed tens of thousands of miles of HFC networks for cable operators, enabling the organization to take a consultative approach to every customer engagement – providing trusted recommendations about how to maximize engineering and construction, budget and operational efficiencies.

NextGen's customers benefit from the organization's skilled workforce, a flexible business model, an unrivaled focus on professionalism, quality, safety and a comprehensive portfolio of services.

#### Engineering services

NextGen's extensive outside plant (OSP) experience combined with its field engineering expertise results in a wide-range of mapping, design, permitting, make-ready engineering and related services.

#### Construction services

NextGen builds, upgrades and maintains networks in their entirety or in part, whether above ground, underground, on a campus or inside a building.

#### Fiber optics services

NextGen's extensive fiber optics expertise goes well beyond simply placing fiber optic cable to more advanced network design, fiber splicing, fiber testing and full documentation services.

## A Differentiated Approach to Outsourced Contracting

Since its founding, nextGen has devoted the resources to ensure that every project is delivered on-time and on-budget, while providing the utmost in flexibility to address high-volume activity periods and individual operator needs. As a full-service provider, nextGen addresses cable operators' requirements related to design, building, materials and equipment procurement, warehousing and logistics and delivers the following advantages to every engagement:

- ✓ **Project flexibility:** NextGen runs its business as an extension of the customer's team, enabling customers to choose among long-term contracts, Master Service Agreements or short-term, specialized engagements to address individual projects.
- ✓ **Reliable personnel:** NextGen's team holds themselves to the highest standards of professionalism and reliability, ensuring that every job gets done right, the first time.
- ✓ **Cable expertise:** NextGen's leadership team has more than 90 years of combined experience building and maintaining cable broadband networks, from new builds to rebuilds, retrofits and node splits.
- ✓ **Commitment to safety:** NextGen supports industry safety best practices via OSHA 10 Hour and OSHA 30 Hour training and certification, in addition to its own internal training programs.
- ✓ **Quick response time:** NextGen has the equipment, team and processes to handle emergency situations and rapidly respond to customer requests.
- ✓ **Cost advantage:** NextGen's differentiated approach avoids the common pitfalls of schedule and cost overruns, inferior construction methods and other issues that negatively impact operations, ensuring the project costs stay on track and on budget.

## Areas of Expertise

<b>Aerial &amp; underground OSP construction</b>	<b>System activation</b>
<b>DWDM/CWDM upgrades</b>	<b>System balance &amp; sweep</b>
<b>Coax &amp; fiber splicing</b>	<b>Emergency restoration</b>
<b>Fiber optic testing &amp; documentation</b>	<b>Storm damage repairs</b>
<b>Power supply installation</b>	

## About nextGen

NextGen Telecom Services Group offers communications network infrastructure engineering, construction and fiber optics services to service providers, enterprises, government and municipal customers throughout the eastern United States. More information about the company is available at [www.ngengroup.com](http://www.ngengroup.com).

NextGen has worked with some of the largest and most well-known cable operators in the U.S., including:

