

**CYIENT**

**NETWORK PLANNING, DESIGN,  
AND FIELD ENGINEERING  
SOLUTIONS FOR THE GLOBAL  
COMMUNICATIONS INDUSTRY**

## Overview

Communications Service Providers (CSPs) strive hard to maintain uninterrupted services and data security while leveraging existing investments in network restructuring and expansion. To manage the ever increasing complexity of networks, CSPs need network design, monitoring, and management capabilities that enable them to resolve network non-conformities across diverse network elements and designs.

At Cyient we offer network planning and designing services across multiple network architectures that include:

- FTTn – node fiber (copper)
- FTTc – cabinet/curbside (copper/Ethernet)
- FTTo – business fiber (Ethernet/fiber)
- FTTh – home fiber (FSAN)
- FTTcs – cell site/tower for greenfield and brownfield areas
- Planning and designing of coaxial/HFC networks

Our network planning and design services are customizable and scalable to suit the complex needs of CSPs. Our goal is to optimize network capacity and growth, as well as to ensure network resiliency.

Our services include:

- Feasibility studies
- Network and transport
- Fiber audits and documentation
- As-built field audits
- Work package preparation
- Fiber network design
- ISP design
- OSP design
- Permits and easements
- Engineering quality control services
- Pole loading
- Fiber quality assurance
- Complete system walkout and mapping

By leveraging our end-to-end FTTx life cycle methodology, geospatial and communications expertise, and combining it with our 'onshore/offshore' global delivery model, we enable clients to build next-generation networks rapidly and cost effectively. Our services provide cost optimization in planning FTTx and help CSPs scale their networks to market demands and facilitate quick service provisioning.

## Key Highlights

- 4,000 dedicated telecom professionals
- More than 33 tier-1 and tier-2 clients across the globe
- Award-winning implementation of end-to-end network inventory solutions and enterprise-wide integrations
- Providing FTTx planning, design, and deployment services to global communication operators
- Experienced field surveyors, designers, splicing specialists, and test engineers

## Contact Us

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