# CYIENT

# FIELD ENGINEERING SERVICES TO SUPPORT NEXT-GENERATION TECHNOLOGIES

### Overview

Field survey is essential for identifying and evaluating network feasibility and roll out. It is also critical in validating the correctness of network connectivity and network resources for emerging business needs. It confirms that all the planned and designed network resources are aligned with on-field infrastructure with pinpoint accuracy. It also provides business feasibility reports on new or existing service rollouts for efficient field engineering activities.

Cyient's field engineering services offer on-site assistance ranging from site survey, onsite technical support, splicing, termination, testing and validation services, troubleshooting and emergency restoration of copper, fiber, and HFC core transmission and access networks.

# **Business Need**

The biggest challenges while performing field services include:

- Reducing operating and administrative costs
- Optimizing the utilization of resources
- Managing communication between the onsite resources and planner for work execution
- Ensuring visibility of work executed at a remote location
- Grouping of work in an optimized manner

## **Our Services**

Wireline Field Engineering Field survey and audits - OSP route survey - Manhole survey - ISP survey Splicing and testing Copper jointing Installation and commissioning - STM/SDM Mux or CPE - OLT/FDH - Multiport

# Value Proposition

We leverage our experience working with the world's leading communications service providers to implement and support nextgeneration and emerging technologies. With Cyient as your partner, you can reduce operation and maintenance cost and benefit from:

- Complete ownership of field activities including site survey/audits, splicing, and testina
- Comprehensive knowledge of government rules and compliance of various geographies
- Ability to scale up and scale down resources at short notice
- Capability to deliver accurate field elements for real-time scenarios
- Application of quality control procedures throughout the project, including careful review of incoming data from external sources, if any

### **Contact Us**

#### **Cyient Canada**

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- Installation and commissioning •
- In-building solution deployment
- Acceptance testing
- **RF** benchmarking
- Drive test and optimization • Field survey and audits

  - EMF survey
- Infra survev

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- RF survey
- Hotspot survey