

CYIENT

INNOVATIVE COMMUNICATIONS SOLUTIONS FOR THE NEXT-GENERATION CONVERGED NETWORKS

How we work with our clients to help overcome challenges
for a better tomorrow



Overview

Communications service providers (CSPs) face enormous challenges in today's markets. The introduction of high-speed data, voice, and new video services by cable companies, satellite carriers, and wireless broadband providers have created significant competitive pressure and increased the need for cutting-edge technology solutions.

It is imperative for the CSPs to be sure of their systems and data to match the ever-growing demands on fixed-net and wireless networks.

At Cyient, we have an outstanding record of success in helping CSPs across the globe achieve their operational and business goals. Our services are structured around the widely recognized eTOM model. We support CSPs in end-to-end implementation of network infrastructure, operational support services (OSS), data transformation, and network optimization. Our services enable our clients to drive their products to market faster with reduced capital and operating expenditures.

Expertise

Technology Independent

Expertise across all leading inventory products including GE Smallworld, ESRI, Ericsson, Intergraph, Bentley, Amdocs Cramer, MetaSolv, ViryaNet, and Schneider Electric

Vast Experience

Rich experience in partnering with leading telcos for implementation of a wide range of end-to-end consulting and implementation services

Large Resource Pool

Experienced and certified telecom engineers with expertise in NGN and emerging technologies such as FTTx, ISDN, PDH, SDH, WDM, DWDM, DSL, GPON, Metro Ethernet, IPTV, MPLS, 2G, 3G, and 4G/LTE networks

KEY HIGHLIGHTS

Providing FTTx planning, design, and deployment services to global communication operators

60+ million hours of experience in delivering FTTx projects worldwide

Experience of handling 500+ million network elements for data transformation

2,000+ dedicated telecom professionals supporting key tier-1 and tier-2 service providers worldwide

More than 33 tier-1 and tier-2 clients across the globe

Experienced field surveyors, designers, splicing specialists, and test engineers

Award-winning implementation of end-to-end network inventory solutions and enterprise-wide integrations

Demonstrated record of delivering 700+ complex end-user applications/product customization for tier-1 and tier-2 CSPs

Consistent focus on process excellence resulting in 99% on-time delivery and first-time acceptance

Successful implementation of a unified network inventory system and field fiber engineering services for Asia's leading integrated telecom service provider

Value Proposition

- Enhance productivity—an array of tools developed in-house to automate manual processes while ensuring productivity improvements and high-quality deliverables
- Reduce cycle time and improve quality
- Industry certified (CFHP, CCNA, eTOM, ITIL, Prince2, and PMP) solution consultants, SMEs, engineers, and architects adept at supporting service providers in implementing best practices
- Demonstrated ability to quickly scale operations based on the business dynamics
- Proven processes and knowledge of existing and emerging technologies

Service Offerings

Network and Engineering

Planning and Design

- Access network planning (fiber/co-axial)
- Transmission planning (NLD/ILD)
- In-building solutions (MDU)
- Mobile backhaul strategy (LTE/4G)
- Wi-Fi AP
- Installation and commissioning
- Network process optimization
- Pre-launch optimization (RFS)
- Network integration
- Acceptance testing

Field Engineering

- Desktop based survey
- Field survey (green/brown field)
- HFC plant upgrade survey
- Copper to fiber migration survey
- Splicing and testing
- Service qualification management
- Field GIS tagging
- Recommendation for expansion plan
- Field service assurance
- Repair and fault fixing
- Operations optimization
- Competitor network benchmarking

Network Inventory Management

- Data conversion/migration/conflation
- Data modeling
- Data quality augmentation

Communication technology and operations

IT Systems

- Solutions implementation and integration
- Custom application development
- Open source solutions deployment and synchronization
- Business process consulting
- Solutions deployment and road maps
- Enterprise-wide operational systems integrations
- Application migration

Service Fulfillment

- Service provisioning
- Backlog posting
- Post launch optimization

Service Assurance

- Product patch deployment
- Application maintenance
- Trouble ticket management
- Quality assurance
- Incident management

Mobile Workforce Management

- Consultancy, implementation, and support

Network Operations Center

- Helpdesk (L1)
- Configuration/release management
- System support (L2 & L3)
- End-user support
- Security management
- Application management

About Cyient

Cyient is a global provider of engineering, manufacturing, data analytics, networks and operations solutions. We collaborate with our clients to achieve more and shape a better tomorrow.

With decades of experience, Cyient is well positioned to solve problems. Our solutions include product development and life cycle support, process and network engineering, and data transformation and analytics. We provide expertise in the aerospace, consumer, energy, medical, oil and gas, mining, heavy equipment, semiconductor, rail transportation, telecom and utilities industries.

Strong capabilities combined with a network of more than 13,100 associates across 38 global locations enable us to deliver measurable and substantial benefits to major organizations worldwide.

For more information about Cyient, visit our website.

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