CYIENT

INTELLIGENT NETWORK EXPANSION WITH AI AND AUTOMATION

THE CHALLENGE

In today's fast-evolving telecom landscape, operators are under immense pressure to upgrade, expand, and optimize their networks—all while keeping costs in check and ensuring seamless service quality. This often leads to:

Compromised Network Quality

Excessive downtime and inefficiencies impact performance.

Manual Errors & Costly Rework

Inefficiencies cause delays, increase truck rolls, and reduce first-time-right execution.

Poor Data Quality

Disorganized network inventories impact decision-making and operational efficiency.

High Vendor Dependency

Operators overpay for fulfillment services instead of leveraging in-house capabilities.

THE CYIENT SOLUTION

VISMON™ – Intelligent Network Automation

Cyient's VISMON™ suite of solutions redefines network planning and rollout by integrating AI, automation, and real-time data management to drive efficiency, accuracy, and cost savings.

AI-Powered Planning & Rollout

Automates site selection, scripting, and execution for faster, error-free deployments.

Zero-Touch Automation

Fully automates configuration, integration, and site acceptance to minimize human intervention.
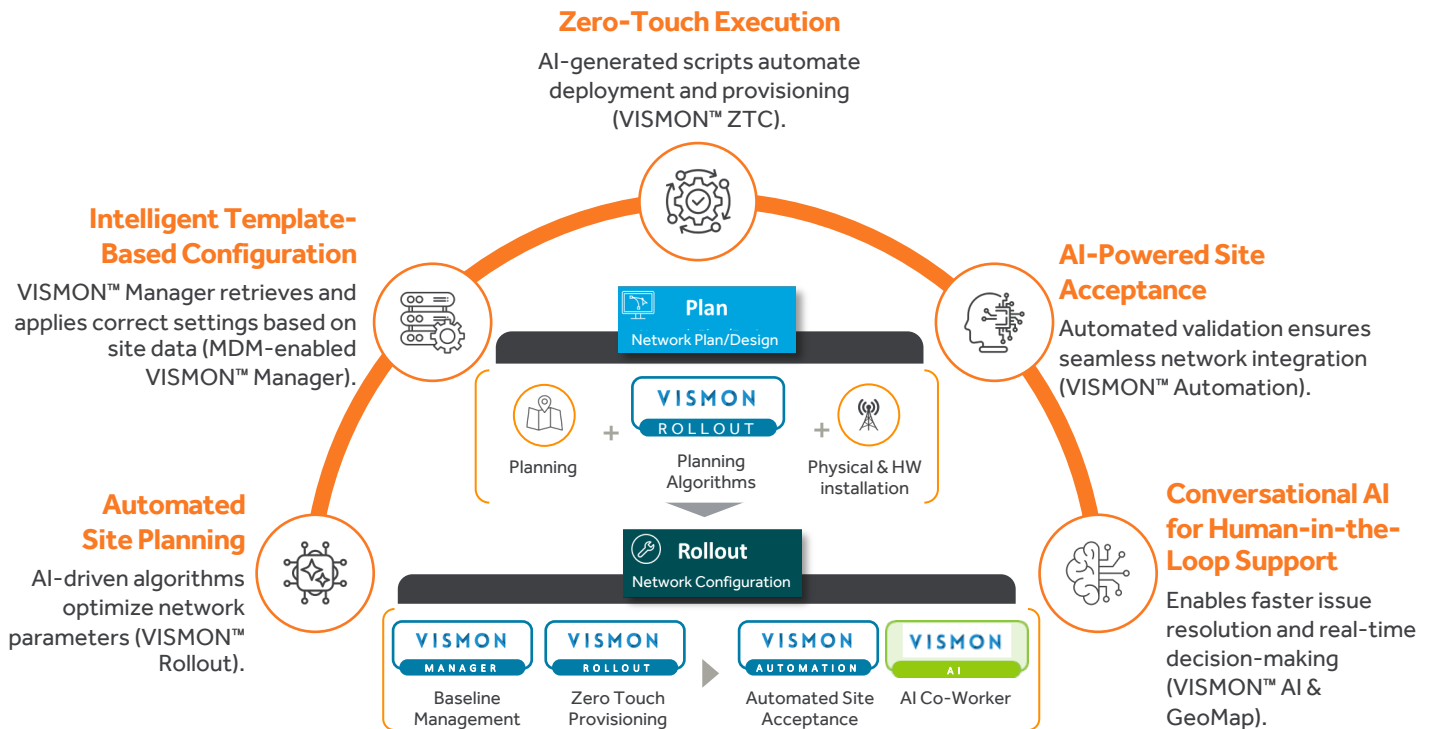
Unified Data Management

Master Data Management (MDM) unifies network performance, configuration, and alarms for seamless operations.
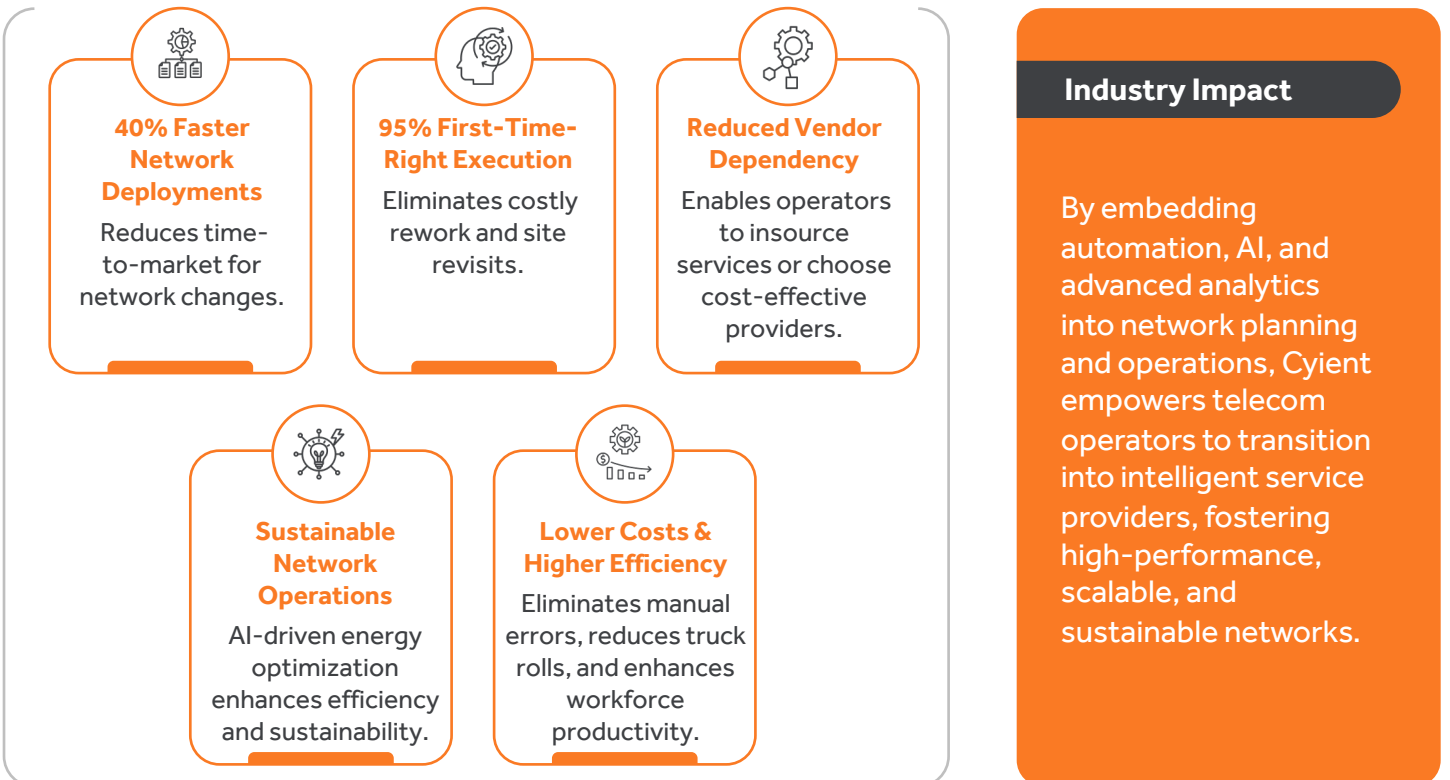
AI-Driven Decision Making

Provides intelligent human-in-the-loop interventions to optimize troubleshooting and network acceptance.

HOW IT WORKS

Zero-Touch Execution
AI-generated scripts automate deployment and provisioning (VISMON™ ZTC).

Intelligent Template-Based Configuration
VISMON™ Manager retrieves and applies correct settings based on site data (MDM-enabled VISMON™ Manager).

AI-Powered Site Acceptance
Automated validation ensures seamless network integration (VISMON™ Automation).

Automated Site Planning
AI-driven algorithms optimize network parameters (VISMON™ Rollout).

Conversational AI for Human-in-the-Loop Support
Enables faster issue resolution and real-time decision-making (VISMON™ AI & GeoMap).

Plan
Network Plan/Design

VISMON ROLLOUT

Planning + Planning Algorithms + Physical & HW installation

Rollout
Network Configuration

VISMON MANAGER — Baseline Management
VISMON ROLLOUT — Zero Touch Provisioning
VISMON AUTOMATION — Automated Site Acceptance
VISMON AI — AI Co-Worker

THE RESULTS

40% Faster Network Deployments
Reduces time-to-market for network changes.

95% First-Time-Right Execution
Eliminates costly rework and site revisits.

Reduced Vendor Dependency
Enables operators to insource services or choose cost-effective providers.

Sustainable Network Operations
AI-driven energy optimization enhances efficiency and sustainability.

Lower Costs & Higher Efficiency
Eliminates manual errors, reduces truck rolls, and enhances workforce productivity.

Industry Impact

By embedding automation, AI, and advanced analytics into network planning and operations, Cyient empowers telecom operators to transition into intelligent service providers, fostering high-performance, scalable, and sustainable networks.

Transform your network with AI and Automation. Get in touch today: www.cyient.com/communication

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