CYIENT

STAY AHEAD OF NETWORK DISRUPTIONS WITH AI-DRIVEN ASSURANCE

THE CHALLENGE

As networks expand, operators are facing mounting challenges that strain efficiency, drive up costs, and hinder performance. From rising operational expenses to slow-moving issue resolution, these hurdles make it clear that traditional approaches are no longer enough. Here's what's standing in the way:

Rising Operational Costs
Legacy, fragmented OSS systems increase OpEx as networks evolve.

Slow, Reactive Issue Resolution
Manual troubleshooting delays anomaly detection, root cause analysis, and resolution.

Data Silos and Limited Insights
Disconnected network inventories and poor data integration limits proactive decision-making.

Workforce Dependency and Inefficiencies
Operators rely on large teams for troubleshooting, increasing costs and slowing response times.

Service Assurance Gaps
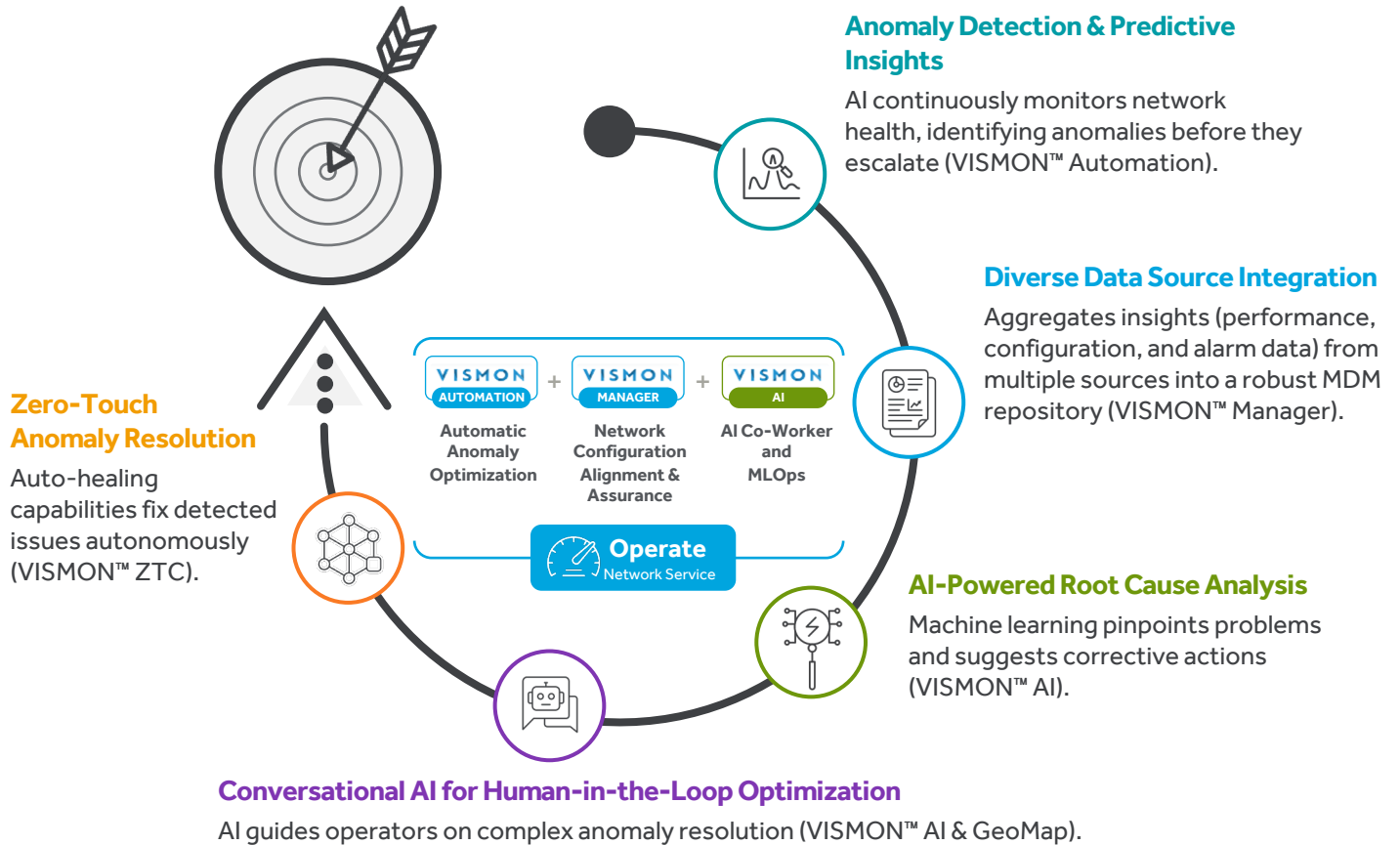Without automation, networks struggle to self-optimize, leading to performance degradations and SLA violations.

THE CYIENT SOLUTION

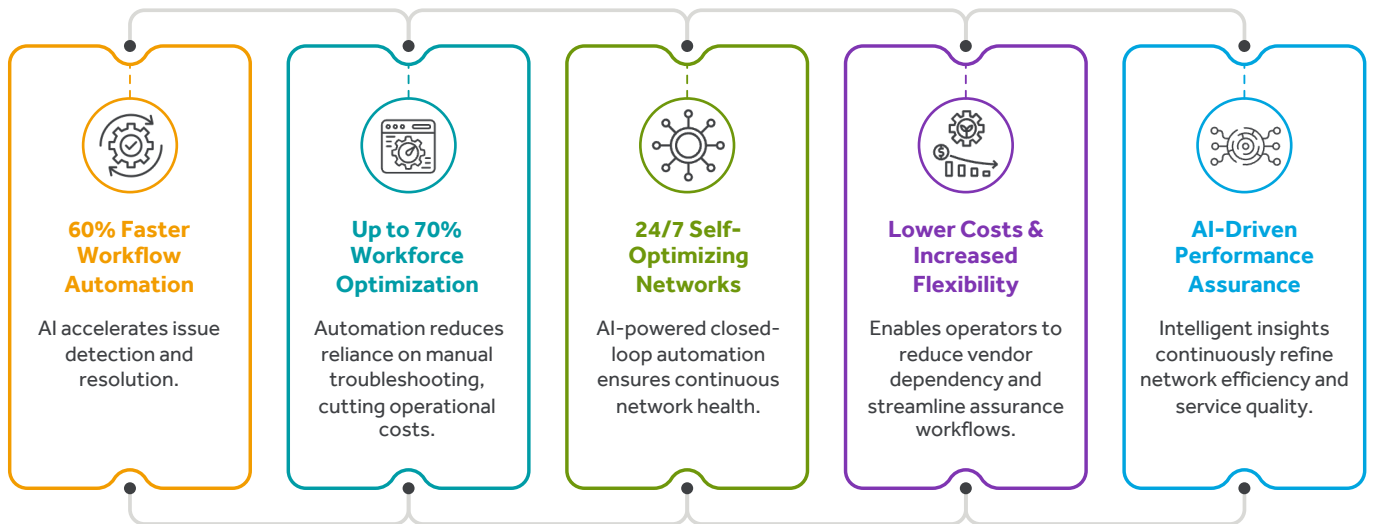### VISMON™ – Intelligent Network Automation

Networks can't afford to slow down—neither can operators. VISMON™ combines AI, automation, and machine learning together to detect, diagnose, and resolve anomalies in real-time. The result? Faster resolution, lower costs, and a seamless, always-optimized network. Cyient provides:

- **AI-Powered Anomaly Detection:**
  Predictive monitoring flags network issues before they escalate.

- **Automated Root Cause Analysis:**
  AI-driven diagnosis eliminates delays and manual guesswork.

- **Zero-Touch Anomaly Resolution:**
  Automated enforcement applies fixes autonomously, ensuring uptime.

- **Unified Master Data Management (MDM):**
  Aggregates network performance, alarm, and configuration data for actionable insights.

- **Conversational AI for Decision Support:**
  AI-powered workflows assist in resolving complex issues.

- **Self-Learning AI Models:**
  Machine learning continuously improves anomaly detection and resolution strategies.

HOW IT WORKS

Anomaly Detection & Predictive Insights
AI continuously monitors network health, identifying anomalies before they escalate (VISMON™ Automation).

Diverse Data Source Integration
Aggregates insights (performance, configuration, and alarm data) from multiple sources into a robust MDM repository (VISMON™ Manager).

Zero-Touch Anomaly Resolution
Auto-healing capabilities fix detected issues autonomously (VISMON™ ZTC).

VISMON AUTOMATION + **VISMON MANAGER** + **VISMON AI**

Automatic Anomaly Optimization | Network Configuration Alignment & Assurance | AI Co-Worker and MLOps

Operate Network Service

AI-Powered Root Cause Analysis
Machine learning pinpoints problems and suggests corrective actions (VISMON™ AI).

Conversational AI for Human-in-the-Loop Optimization
AI guides operators on complex anomaly resolution (VISMON™ AI & GeoMap).

THE RESULTS

60% Faster Workflow Automation
AI accelerates issue detection and resolution.

Up to 70% Workforce Optimization
Automation reduces reliance on manual troubleshooting, cutting operational costs.

24/7 Self-Optimizing Networks
AI-powered closed-loop automation ensures continuous network health.

Lower Costs & Increased Flexibility
Enables operators to reduce vendor dependency and streamline assurance workflows.

AI-Driven Performance Assurance
Intelligent insights continuously refine network efficiency and service quality.

Why Cyient
VISMON™ is redefining network assurance—giving operators the power to automate, optimize, and scale with AI-driven intelligence. The result? Faster fixes, smarter operations, and lower costs.

Let's redefine network assurance—get in touch to learn more! **www.cyient.com/communication**

Cyient (Estd: 1991, NSE: CYIENT) delivers intelligent engineering solutions across products, plants, and networks for over 300 global customers, including 30% of the top 100 global innovators. As a company, Cyient is committed to designing a culturally inclusive, socially responsible, and environmentally sustainable tomorrow together with our stakeholders.

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