

Powering Autonomous Networks

VODAFONE HARMONIZES GLOBAL OPERATIONS WITH CYIENT'S VISMON™



Business Challenge

With operations spanning multiple countries, Vodafone encountered three critical challenges that constrained effective network management and operational agility:

- **Fragmented Systems:** Each market operated on isolated systems with no centralized tracking, limiting end-to-end visibility across Vodafone's operations
- **Slow decision-making:** Lack of unified data significantly constrained executive visibility, resulting in delayed execution and reactive management.
- **Configuration Errors:** Fragmented updates and manual processes led to frequent misconfigurations, reduced efficiency, and increase service risk.

These challenges made it clear that Vodafone needed a unified, intelligent platform to harmonize Network configuration and accelerate decision-making across all Vodafone OpCos.

Overview

For Vodafone, managing RAN configurations across multiple local markets had become increasingly complex. Each country (OpCo) operated with its own tools, processes, and multi-vendor equipment, creating silos that slowed down decision-making and reduced efficiency.

Partnering with Cyient, Vodafone built VISMON™ Multi OpCo—an AI-powered platform that unifies multi-market data into a single intelligent system. The result? Real-time visibility, proactive analytics, and automation that empower faster reporting, fewer errors, and smarter operations. Tailored for each market yet aligned with Vodafone's global goals, VISMON™ has become the foundation for streamlined, data-driven network management.

The Solution

To address this fragmentation, Vodafone and Cyient co-developed VISMON™ Multi OpCo, an AI-powered platform designed for scale and adaptability. Vendor-agnostic by design, it integrates seamlessly with existing OSS systems and consolidates multi-market data into a unified intelligence layer—enabling consistent governance and accelerated decision-making.

Crucially, VISMON™ was built in close collaboration with Vodafone's OpCos, refined through iterative deployments and continuous feedback. This ensured it addressed local requirements while staying aligned with Vodafone's global priorities.

Key capabilities include:

Unified Configuration Intelligence

Centralized dashboards provide complete visibility into configurations and vendor assets, standardizing operations across ~10,000 sites.

Deployment & Change Tracking

Every rollout and configuration change is logged and visualized, improving compliance, transparency, and rollout speed.

Mobility Analytics

Idle mode and handover analytics allow teams to compare multi-vendor setups and optimize parameters to enhance customer experience.

Accelerated Engineer Onboarding

Built-in intelligence and intuitive workflows reduce ramp-up time and preserve critical knowledge, boosting efficiency from day one.

The result is a harmonized platform that unites people, processes, and technology—giving Vodafone a powerful, intelligent foundation to manage RAN configurations at scale.

The Results

The impact of VISION™ Multi OpCo has been both measurable and transformative:

01 70% Faster Reporting

Automated dashboards replaced manual data compilation, giving engineering and operations teams visibility into a vendor-agnostic network configuration.

01

02 3 × Faster Decisions

Unified analytics accelerated decisions on network changes, investments, and strategy across local markets.

02

03 50% Fewer Configuration Errors

AI validation and standardization cut mistakes by half, ensuring stable performance across thousands of sites.

03

04 40% More Efficient Operations

Automation reduced manual effort, freeing teams to focus on innovation and optimization.

04

Beyond the numbers, VISION™ enabled Vodafone to shift from fragmented, reactive management to **coordinated, insight-driven action** across markets. Proactive deviation detection further enhanced uptime and customer experience.

Designing Tomorrow Together

VISION provides the strategic foundation to oversee configuration data across all markets, enabling us to harmonize practices, identify best-performing setups, and optimize our networks more effectively than ever.

— **Mostafa Noureldien**, Manager, Network Development Digital Strategy, Vodafone

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