

INTELLIGENT NETWORK MODERNIZATION FOR OPEN APIS & NETWORK- AS-A-PRODUCT



THE CHALLENGE

Communications providers are facing intense CapEx constraints at a time when returns on 5G investments remain limited. As they attempt to modernize and scale complex, multi domain networks, the pressure to control spend and protect service performance exposes deep structural limitations in how networks are designed, operated, and monetized.



Fragmented legacy networks slow transformation

Data, tools, and processes remain siloed across RAN, Core, Transport, and IT



Limited monetization of 5G and private networks

Capabilities are not exposed as consumable products such as Network as a Product (NaaP) and Network as a Service (NaaS)



Manual, ticket driven operations

Plan, Build, Optimize, and Operate still rely heavily on human intervention



Constrained progress toward L4 autonomy

AI initiatives exist, but an integrated architecture to scale autonomy is missing

WHAT WE DO

Autonomous Networks, Engineered for Open APIs and NaaP

Cyient's Autonomous Network Engineering brings together network modernization, Open API led Network as a Product blueprints, and VISION powered automation to help make RAN, Transport, Core, and Private 5G programmable and commercially usable. The solution is delivered through four integrated building blocks..

Intelligent Network Modernization

End-to-end network engineering services that accelerate rollout and modernization

Open API-based NaaP / NaaS

Blueprints that expose coverage, QoS, slices, private 5G, and analytics through standardized Open APIs

Multi-RIC Autonomous Network

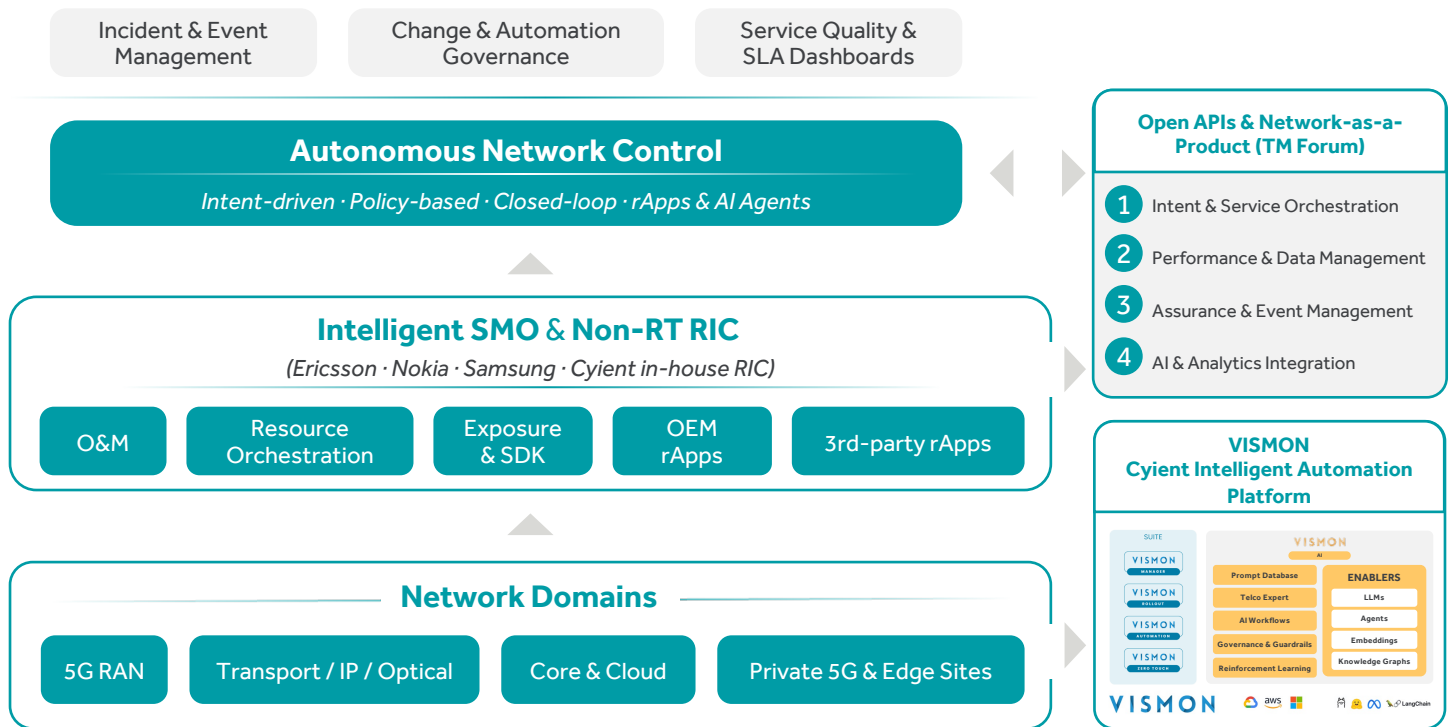
In-house RIC integrated with Ericsson EIAP and Nokia MantaRay to enable cross domain autonomous behaviors

AI & Agentic Automation Platform

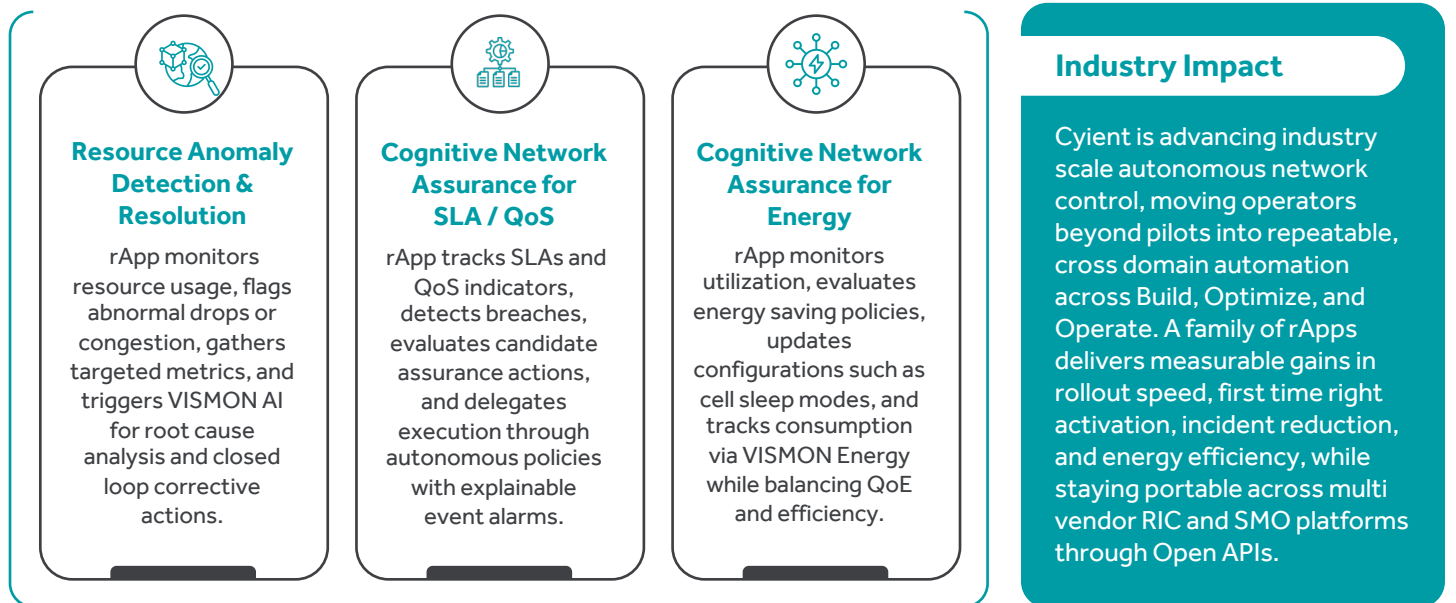
Intent and knowledge-plane-driven automation with rApps (Radio Access Network Applications) and agent design services, plus AIOps and NOC integration on a single platform

HOW IT WORKS

NOC · RIC Ops · AIOps / Service Operations



HOW IT HELPS



Transform your network with AI and Automation. Get in touch today: <https://www.cyient.com/communications>

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North America Headquarters
USA | T: +1 860 528 5430

Europe, Middle East, and Africa Headquarters
UK | T: +44 118 3043720

Asia Pacific Headquarters
Australia | T: +61 4 7026 3817

Global Headquarters
Hyderabad | T: +91 40 6764 1000