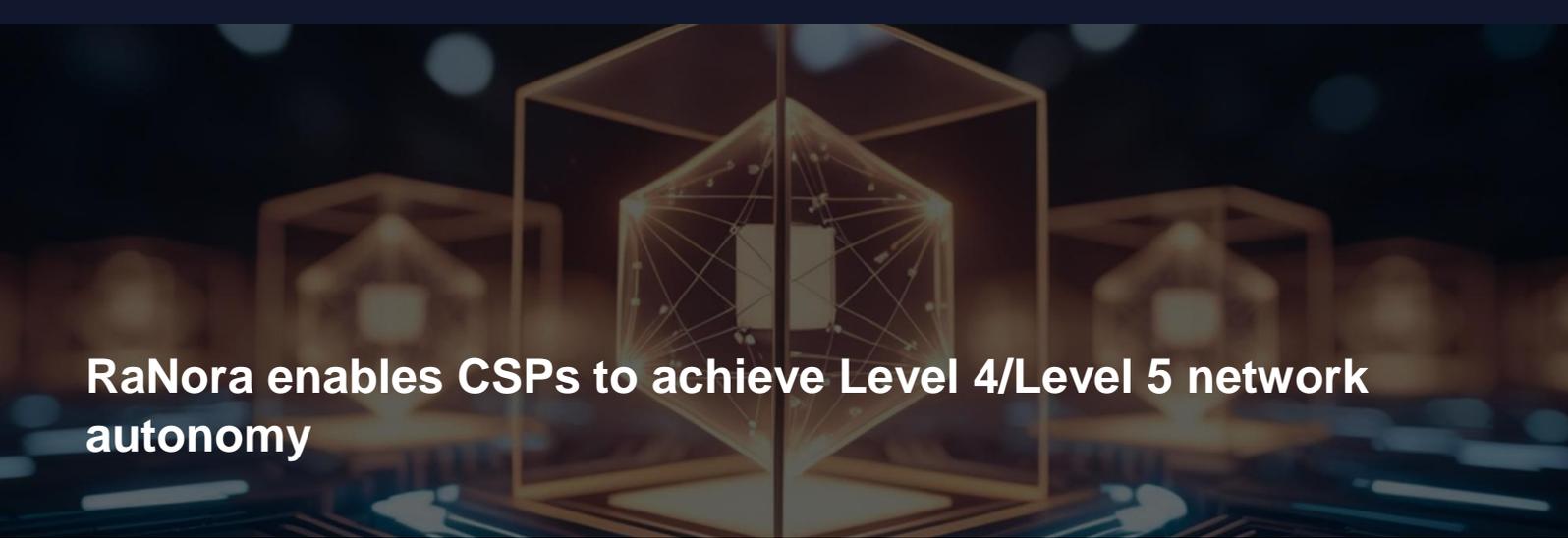# raNora

An Agentic AI platform for governed RAN analysis, automation, and planning workflows

aircom
A TEOCO Company

RaNora enables CSPs to achieve Level 4/Level 5 network autonomy

The Challenge: Networks Are Outpacing Human Operations

Mobile networks are becoming more complex while engineering teams face increasing operational pressure.

Operators today must manage:

Mounting cost pressure with flat revenues.	Network scale and complexity growing faster than engineering capacity.	Manual workflows and fragmented tools across planning and operations.	Increasing difficulty in monetizing 5G investments.

RAN operations alone account for ~13% of total network OPEX. When combined with deployment, optimization, field maintenance and power, network costs can reach nearly half of total operational expenditure.
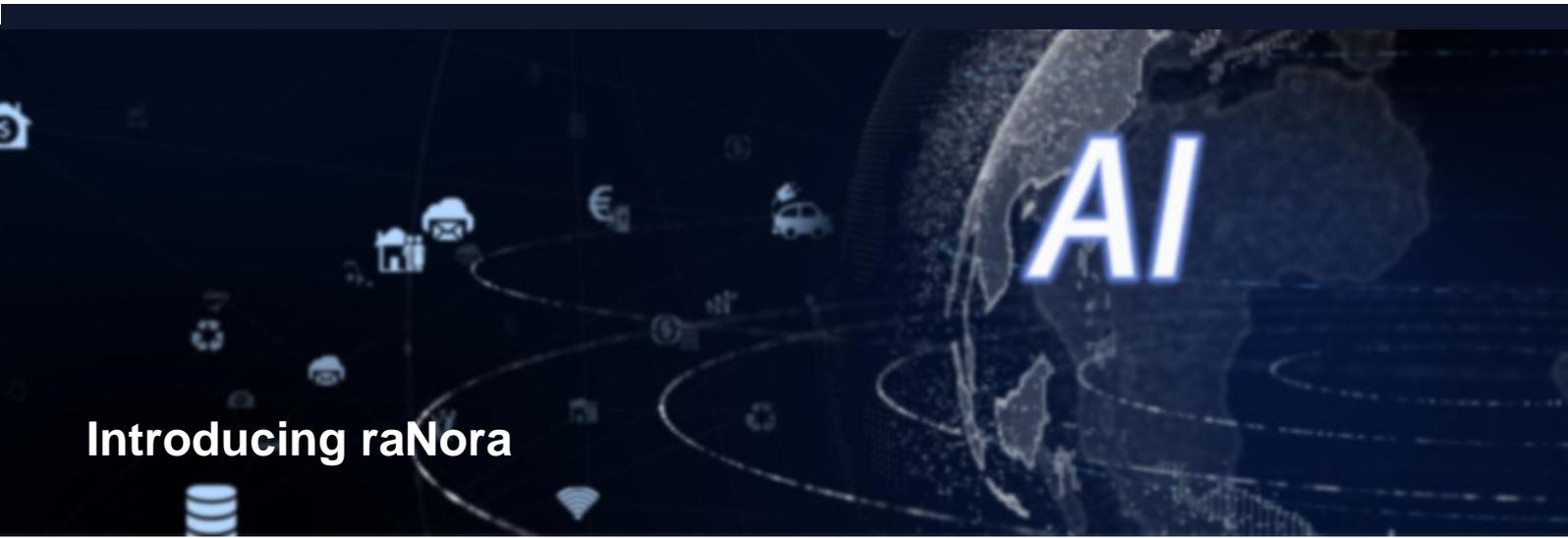
Source: Delvens Network Automation & Orchestration Market – Trends Forecast Till 2028

To manage this complexity, operators are exploring autonomous networks. But transitioning from manual workflows to AI-driven operations introduces new challenges around trust, governance, and operational control.

How Aircom is solving these challenges

Core Apps

Agentic AI

Automation Apps

Web Interface

APIs

Aircom is a network engineering tools market leader.

Introducing raNora

raNora is Aircom's agentic AI platform to enable CSPs transition towards L4/L5 network autonomy.

raNora is designed to help operators transition from manual engineering workflows to AI-assisted network operations.

Built on a multi-stage orchestration framework and LLM-based reasoning engine, raNora combines:

> - Telco-trained AI agents grounded in RAN playbooks and engineering guardrails
> - Governed workflows with repeatability and traceability
> - Human-in-the-loop oversight for operational control

The platform integrates planning data, OSS information, and engineering rules to support everyday RAN workflows such as:

Network data investigation	Coverage analysis and reporting	Site planning and optimization

By automating repetitive analysis and enabling AI-assisted workflows, raNora helps engineering teams work faster while maintaining governance and accuracy.

Key Benefits

Faster Data Access

Use an AI-driven interface to retrieve and analyze network data without writing SQL or switching between multiple systems.

Automated Data Validation

Agentic AI audit workflows continuously validate network data and configuration integrity, reducing manual verification and minimizing human error.

Faster Issue Resolution

Identify discrepancies between OSS and planning databases, surface likely causes, and prioritize corrective actions with AI-assisted guidance.

Controlled Parameter Updates

Apply parameter corrections through governed workflows while maintaining traceability, auditability, and operational control.
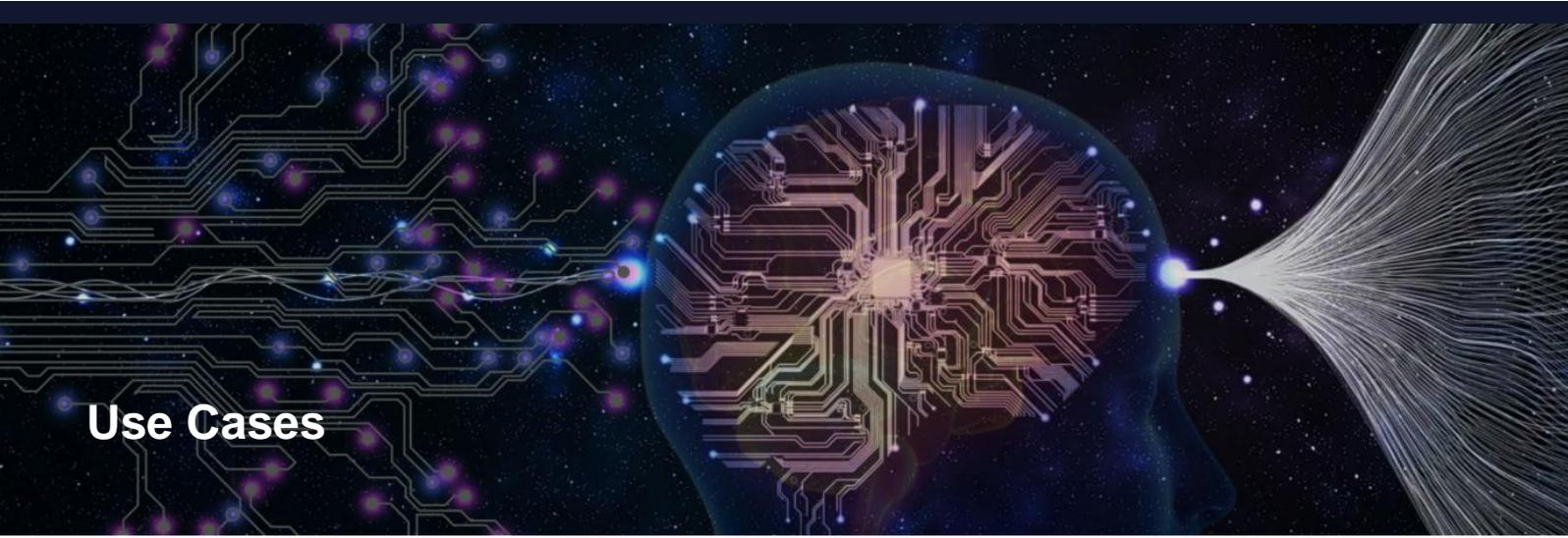
Faster Coverage Analysis

Run coverage simulations, reports, and maps through conversational interaction with the Coverage AI Agent.

Smarter Site Planning

Evaluate candidate site locations automatically and identify the most effective options for coverage improvement.

Use Cases

Database Query & Integrity Management

raNora's Database Agent retrieves network configuration data from planning databases and OSS sources, runs audit checks, identifies discrepancies, and supports controlled parameter updates.

Coverage Analysis & Reporting

The Coverage Agent automates RF coverage evaluation by running simulations, generating reports, and producing interactive coverage maps for rapid network assessment.

AI-Driven Site Planning

The Coverage Agent evaluates candidate site locations, applies planning constraints, and runs iterative simulations to identify optimal solutions with before-and-after coverage visualizations.

raNora is designed to bring governed intelligence into everyday RAN engineering workflows.

About Aircom

Aircom is a leading provider of RAN planning, optimization and automation solutions to communication service providers worldwide.

A wholly owned subsidiary of TEOCO, Aircom combines 30 years of telecom domain expertise with intelligent analytics and AI-driven automation to support the evolution toward autonomous networks.

This is critical when dealing with complex services like fixed wireless access (FWA), 5G standalone, private networks, and IoT, where everything needs to work in harmony to deliver a supreme customer experience. Through advanced analytics, our products provide actionable and measurable insights into network and customer behavior.

Cutting-edge products and services.
Market-leading solutions for addressing today's complex RAN environments.

Innovation is in our DNA.
We have the latest AI/ML-powered algorithms, automation, and new services to revolutionize your RAN.

Trusted by the world's leading service providers.
With 125+ customers in 100+ countries, we have the knowledge and experience you're looking for.

With decades of experience and a customer list that spans the globe, Aircom helps its customers improve service quality, resolve network challenges, automate processes, and establish a competitive edge.

Trusted globally

2000+	125+	100+
Users logins into aircom tools daily	CSPs run their networks using aircom tools	Countries with active aircom tools & services