



# Network Advisor

Agentic AI for changing  
network troubleshooting



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Modern networks change fast. New anomalies emerge, new fault signatures appear, and engineering teams face issues that were not part of yesterday's dataset.

**Network Advisor's agent layer** enables engineers not only to diagnose and automate network troubleshooting, but to continually **expand the system's intelligence** with their own expertise.



## Agent Layer

- Diagnose
- Automation
- System Intelligence expansion

**Powered by TupIOS**, our AI-native enterprise automation platform, Network Advisor identifies, learns, and **operationalizes new network issues** as they appear, ensuring troubleshooting never falls behind the network.





# Why Network Advisor

## 01. Agentic AI that evolves with your network

When new problems surface, engineers do not need to wait for a vendor update. Network Advisor's agentic capabilities allow them to use a chatbot and a built-in library to define new detections, root causes, and workflows. **Your expertise becomes part of the AI.**

From that moment on, the system automatically identifies, analyzes, and triages those new issues, turning today's incident into tomorrow's automated response.

The screenshot displays a chat interface for Network Advisor's Agent. On the left is a sidebar with the TUPL logo and navigation options: MPC Servers, Partners, Agent Conf, Agent (highlighted), and Conversations. The main chat area is titled "Conversation with Network Advisor's Agent" and shows a message from the agent: "Root cause identified: incorrect tilt settings. Add the pattern into detection + RCA." Below this is a response from the user: "Done. Automated workflow activated." At the bottom, there is a text input field with the placeholder "Type your message..." and a send button icon.



## Key agentic advantages:

- **Chatbot-driven extension:**  
Add detection & root-cause logic in natural language, without the need of coding.
- **Expert knowledge in the model:**  
Engineer-defined rules become part of the ML-driven workflows.
- **Instant new workflow deployment:**  
New logic operationalizes immediately, ensuring recurring automation.
- **No dependency on vendor releases:**  
Respond to emerging issues the moment they appear.

## 02. Continuous automation, not just faster analysis

Network Advisor **blends agentic AI with predictive and generative capabilities to automate every stage of network troubleshooting:** from detection to diagnosis to resolution.

While predictive and generative AI strengthen analysis, **agentic AI ensures the system keeps up with the network's evolution.**





# Key Benefits

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## Boost Network Performance & Customer Satisfaction

Automated detection and intelligent workflows resolve issues before they escalate, reducing churn, improving quality of experience, and lowering operational pressure.

## Empower Engineering & Operations Teams

A simple, intuitive, no-code interface empowers NOC, field engineering, and operations teams to act confidently with AI-backed insights.

## Scale Expertise Across the Organization

Agentic features capture engineering know-how and turn it into standardized logic, ensuring consistent, expert-level diagnostics across teams, regions, and shifts.

## Reduce Manual Workloads

Routine diagnostics, queries, and triage steps become automated, enabling experts to focus on deep engineering tasks rather than repetitive troubleshooting.





# Key Capabilities



## Extensible Agentic Detection

The system evolves continuously using your engineers' domain expertise.

**New issues → new logic → new automated workflows.**



## Comprehensive Network Visibility

A real-time, "white box" understanding of network performance enables proactive operations and long-term planning.



## Automated Actions

Network Advisor triggers the right actions, automatically where possible, minimizing time-to-resolution and service impact.



## Accelerated Triage & Custom KPIs

Filters noise, detects anomalies, highlights top-impact issues, and supports custom KPIs, including customer experience metrics.



## Standardized Troubleshooting

Intelligent workflows guide engineers through consistent, repeatable processes, dynamically enhanced with agentic capabilities.



## Advanced Analytics

Pattern detection, anomaly discovery, and early warning signals powered by advanced machine learning.



## Intelligent Root Cause Identification

Correlates KPIs, alarms, logs, and telemetry from multiple sources to pinpoint the true root cause quickly and accurately.





# Business Impact

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## Dramatically Reduced Investigation Time

Up to **90% time savings**, with analysis and triage time reduced from hours to minutes.

## Always Up-To-Date Detection

Agentic logic ensures **new issues never require manual resolution twice**, enabling instant, repeatable automation.

## Consistent, High-Quality Outcomes

Standardized, AI-driven workflows deliver **100% consistency** across engineers and operations teams.

## Discover What Traditional Systems Miss

Unsupervised methods reveal hidden anomalies and emerging fault patterns, even **before they impact customers**.





## About Tupl

**Tupl is the AI hyperautomation company that simplifies and automates complex telecom operations at scale.**

Powered by **TupIOS**, our AI-native enterprise automation platform, we bring Telco experts and AI agents together in a unified, governed ecosystem to co-create intelligent automation. This empowers operators to streamline NOC processes, accelerate troubleshooting, streamline network performance, improve customer experience, and drive end-to-end operational efficiency.

