

Trask Network Genius Platform

Complex Network Operations Made Easy with AWS AI

Network Genius is a highly scalable platform for real-time network operations. It helps teams understand complex environments, find issues faster and stay in control during resolution. It combines Generative AI models with tools for processing large volumes of network data across cloud, on-premises and hybrid environments. The platform connects topology, alarms, configuration data, logs and service events into one operational view, so teams can identify the root cause, prepare a fix and execute it after approval.

The Result

Faster root-cause identification, shorter incident resolution, lower operational risk and less time spent searching across disconnected tools.

Four Shifts in Network Operations



Root Cause in Minutes

Identify the root cause in 1 minute and move from alert noise to clear understanding.



Faster Resolution

Resolve incidents in under 30 minutes, from root cause detection to approved action.



Less Manual Investigation

Reduce tool switching, manual reconstruction and operational overload.



Lower Cost of Operations

Reduce cost by up to 70% compared with fragmented multi-tool setups.

Best fit: Organizations managing complex, multi-layer network infrastructure — from enterprise cloud and hybrid environments to telco operator networks.

How It Works: From Alert to Approved Fix

- 1 Automated Discovery.** Network Genius discovers physical and logical infrastructure components across AWS, Azure, on-premises and other environments.
- 2 Data Ingestion.** The platform ingests data from systems such as Zabbix, Jira, Asset/CMDB, IaC repositories, MCP, Kafka and other operational sources.
- 3 Visualisation & Connectivity Mapping.** It shows communication flows between systems, including application-level connectivity, so teams can understand real dependencies.
- 4 Configuration Intelligence & Auditability.** Network Genius analyzes communication usage, captures configuration states, flows and changes, and keeps historical traceability.
- 5 Root-Cause Investigation & Prediction.** The platform delivers root-cause analysis with documented reasoning and simulates future connectivity scenarios before implementation.

Four Shifts in Network Operations



2 Weeks: Analysis

Critical network dependencies are mapped. Hidden service connections and communication paths become visible.

Output: Your data mapped in the platform UI.



6 Weeks: Proof of Value

The solution is deployed on anonymized client data. Detection and remediation scenarios are tested in a stage environment.

Output: Key functions demonstrated in a stage environment.



3 Months: Production Rollout

The platform moves into production with continuous discovery, early risk identification and safe remediation without service impact.

Output: Fully operational deployment



Ready to Make Network Operations Easier to Control? Ask for a consultation and live demo

See it on your own environment. We will show how Network Genius maps dependencies, finds root causes and supports faster resolution.

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