



NART-FAULT MANAGEMENT

Every Fault Tells a Story. We Help You Hear It First.

Product Overview

During a critical failure, NOC teams are bombarded by an unmanageable flood of thousands of cascading alarms. Lacking automated correlation, engineers waste precious hours analyzing symptoms rather than addressing the actual failure, leading to prolonged service outages.

NART-Fault Management processes thousands of events per second (SNMP, Syslog, APIs) in real time. Its intelligent correlation engine suppresses repetitive noise and groups related events based on network topology, linking faults directly to infrastructure layers.

Key Features

Real-Time Fault Detection

Monitors and processes thousands of alarms per second from diverse network elements and domains

Intelligent Alarm Correlation

Groups related events to reduce alarm noise and pinpoint the true source of each issue

Network Service Impact Awareness

Correlates network faults with affected network services for priority-based incident management

Multi-Vendor & Multi-Technology Support

SNMP, Syslog, and other standard protocols for broad network coverage

Automated Fault Classification & Escalation

Categorizes alarms by severity and automatically routes them to the right teams or systems

Detailed Reporting & Historical Analysis

Generates alarm history, criticality, and trend reports for performance reviews and preventive maintenance

Recommended Plug-ins

NART-Fault Management can be extended with the following plug-ins to deliver deeper intelligence, faster resolution, and greater automation



NART-E2E Network Topology Plug-in



Root Cause Analysis (RCA) Plug-in



NART-Observability and Monitoring Plug-in



NART-Impact Analysis Plug-in



NART-Dynamic Reporting Plug-in



Technarts develops next-generation OSS solutions that automate, monitor, and optimize telecom networks. Since 2007, we have helped service providers achieve scalable operations and seamless multi-vendor integration through TM Forum-aligned modular platforms.



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TechNarts is a leading OSS provider with deep expertise in telecom software since 2007. We deliver modular, future-proof solutions for **Resource Management, Network Assurance and Network Fulfillment & Orchestration**. Our systems align with **TM Forum's ODA and Open APIs**, helping operators boost service reliability, optimize resources, and accelerate digital transformation.

References



OSS Vision & Value Proposition

As telecom networks grow more complex with 5G, IoT, and AI, traditional OSS environments struggle to keep pace. TechNarts transforms OSS into a **unified, intelligent, and automated** ecosystem that enables real-time visibility, operational agility, and zero-touch automation.

We deliver OSS platforms that are:



Automated
Enabling closed-loop, zero-touch operations



Intelligent
Leveraging AI/ML for predictive insights and optimization



Agile
Scalable across hybrid, dynamic networks

Our value is anchored on:



Multi-Vendor Network Integration



End-to-End Visibility



Modular Architecture



TM Forum Compliant Interoperability



Secure On-Premise Deployment



Data Sovereignty & Regulatory Alignment



Closed-loop Network Assurance



Scalable 5G & Hybrid Infrastructure Support

Aligned with TM Forum's ODA and Open APIs, TechNarts empowers CSPs to evolve from reactive to autonomous operations; boosting efficiency, resilience, and customer satisfaction.

