



NART-NETWORK MONITORING

Ensure Service Excellence with Real-Time Intelligence

Product Overview

As network service portfolios grow increasingly hybrid and complex, maintaining consistent service health becomes critical. Operators struggle with fragmented visibility across disparate domains, often detecting service degradation or configuration-induced drops only after subscribers launch formal complaints, leading to missed SLAs and high operational friction.

NART-Network Monitoring provides continuous, real-time feedback loops between live performance data, fault triggers, and orchestration systems. It automatically aggregates service KPIs across IP/MPLS, Transport, RAN, and Enterprise domains. By correlating performance issues directly with topology and configuration history, it delivers an active view of service health.

Key Features

Continuous Cross-Domain Data Collection

Automatically gathers real-time service KPIs and operational states across multi-vendor hybrid networks.

Proactive Anomaly Detection

Flags threshold violations and minor performance dips long before they escalate into full-blown customer outages.

Impact-Aware Configuration Tracking

Monitors live device configuration shifts and instantly evaluates their direct impact on active service paths.

Advanced Service Analytics

Merges raw infrastructure resource statistics with higher-level service health metrics to guide data-driven network optimization.

Recommended Plug-ins

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



NART-Observability and Monitoring Plug-in



NART-Network Simulation 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.

