



NART-INVENTORY MANAGEMENT

A Unified View of Every Device, and Connection

Product Overview

As network infrastructures expand across multi-vendor and multi-technology domains, operators frequently suffer from fragmented visibility. Inaccurate inventory records lead to redundant CAPEX investments, extended time-to-market for new services, and operational bottlenecks caused by data mismatches between planning and live execution teams.

NART-Inventory Management consolidates all physical and logical assets—including devices, interfaces, ports, links, and IP spaces—into a unified, searchable repository. By creating an independent, topology-based structural map, the platform automatically detects mismatches and configuration changes in real time.

Key Features

Centralized Resource Repository

Consolidates all physical and logical assets into a single, searchable network inventory layer.

Asset Lifecycle Tracking

Manages asset states from deployment to decommissioning.

Multi-Layered Service Modeling

Supports complex hybrid offerings and logical-to-physical relationship mapping.

Comprehensive Relationship Modeling

Directly links customers, services, and devices.

Recommended Plug-ins

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



NART-E2E Network Topology Plug-in



NART-Impact Analysis Plug-in



NART-Network Planning Plug-in



NART-Observability and Monitoring Plug-in



NART-Network Optimization Plug-in



NART-Root Cause Analysis (RCA) 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.

