



# NART-NETWORK CONFIGURATION MANAGEMENT

Configure Easily. Operate Intelligently.

## Product Overview

Statistically, up to 80% of major network outages are triggered by manual, unverified configuration changes. Without a centralized control mechanism, tracking configuration drift, ensuring security compliance, and executing quick rollbacks during a crisis becomes impossible.

**NART-Configuration Management** automates, standardizes, and secures device updates across large-scale infrastructures. Utilizing Rule-based CCC (Configuration Change Control), it centralizes modification rules and policy enforcement. It handles automated backups continuously, guaranteeing single-click rollbacks for robust disaster recovery.

## Key Features

### Configuration History & Versioning

Complete logs of configuration changes including backup collection for rollback, comparison, and audit readiness

### Zero-Touch Configuration (ZTC)

Automates device onboarding and setup without requiring on-site technical intervention, accelerating deployment and minimizing manual work

### Centralized Configuration Control

Unified interface to manage, monitor, and audit configurations across all network devices and domains with integrated Rule-based CCC

### Golden Template Engine

Error-free, standardized configurations delivered at scale across multi-vendor devices

### Mass Configuration Execution

Simultaneous configuration of multiple devices for large-scale rollouts

### Pre- and Post-Check Validation

Automated validation ensuring configuration accuracy before and after changes

## Recommended Plug-ins

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



NART-Network Planning Plug-in



NART-Dynamic Reporting Plug-in



NART-Observability and Monitoring 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.**

