

Use Case:

Flexible Network Management via No-Code Rule Engine



Problem Statement:

Traditional network management systems often require technical expertise and coding skills to set up and modify network rules.

The complexity slows response times to network issues and increases dependency on specialized teams. Organizations face challenges maintaining flexibility in rule management, especially in rapidly changing network environments or when integrating equipment from different vendors. Operators struggle to adapt to new configurations without developer involvement, hindering the ability to respond quickly to evolving network conditions.

Solution Overview:

TechNarts' No-Code Rule Engine is a versatile, vendor-agnostic network management tool that enables users to define, modify, and deploy network rules without writing any code.

- **Code-Free Rule Management:** Intuitive interface suitable for network operators of all skill levels, enabling rapid rule changes in response to real-time conditions without specialized development teams.
- **Vendor-Agnostic Compatibility:** Compatible with a wide range of network devices and services, adapting seamlessly to diverse vendor environments – whether managing legacy systems or new network solutions.
- **Full Operational Control:** Real-time adaptability, automation, and a simplified interface allow organizations to quickly adapt to changing conditions, improve efficiency, and minimize downtime – all while maintaining full control over their network environments.

About TechNarts

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

Result:

The No-Code Rule Engine made network management accessible to all users, streamlining operations and reducing operational burdens.

- **Faster Rule Deployment:** Network administrators can set up and deploy new rules quickly, significantly improving network agility.
- **Vendor-Agnostic Integration:** Ensures compatibility with a broad range of devices and services, offering flexibility across diverse infrastructures.
- **Reduced Developer Dependency:** Non-technical staff can manage network policies directly, reducing delays associated with developer involvement.
- **Increased Network Responsiveness:** Real-time, automated rule enforcement allows the network to adapt dynamically to changing conditions, regardless of vendor.