



NEXOG G2

Management & Orchestration



NETWORK MANAGEMENT

The NEXOG Network Management System (NMS) is an open, scalable and reliable network management and orchestration platform specially designed to provide unified, end-to-end lifecycle management of multi-technology, multi-vendor networks. NEXOG's NMS provides unsurpassed network visibility, supporting a wide range of multi-layer network and element management capabilities. The platform provides a unified network dashboard, full FCAPS support, dynamic resource allocation, and hierarchical and map-based network views.

The NEXOG NMS serves as an “umbrella platform” for management of multi-vendor wireless, wireline, backhaul, and satellite networks.

Quick to implement and simple to use, NEXOG solutions can be deployed as SaaS, on a virtualized server, or on-premises to fit any size or type of network. The NEXOG network management system has been successfully deployed by telecom service operators, municipalities, and governmental and public safety organizations.

SNMP
MQTT
NETCONF
REST
XML/SOAP
Netflow

TR-069
OF-Config
CoAP
sFlow
OMA-DM



Complete Lifecycle Management

The NEXOG NMS supports complete life-cycle management. Network visibility is enabled by NEXOG's powerful network discovery and inventory tools, and enhanced by its advanced network topology and mapping features. The NMS provides advanced campaign management tools used to perform automated configuration and maintenance tasks – such as firmware upgrades – across the network.



Efficient Dashboard and Comprehensive FCAPS Support

The NMS Dashboard provides a unified view in a single, easy-to-use portal that highlights essential data at the network, site, and element levels. The NMS provides comprehensive FCAPS support to help zero-in on equipment failures and troubleshoot the network.



Fault management. Centralized list of active and historical alarms, for quick network diagnostics and remediation.



Performance management. Real-time and historical performance measurements provide a comprehensive understanding of the current state of the network and its elements.



Configuration management. Configuration of individual elements and using profiles.



Administration and security management. User and authorization management to secure the platform and limit system access where necessary.

Dynamic Resource Allocation

NEXOG's NMS uses rule-based policies to dynamically reallocate network resources in real-time for optimal network performance and efficient bandwidth use.

About Us

NEXOG is a leading provider of network management and orchestration (MANO) solutions that are specially designed for managing and monitoring multi-vendor wireless, satellite, broadcast and IoT networks. Available as SaaS or hosted on-premises, the NEXOG G2 Platform has been successfully deployed by service operators, municipalities and public safety organizations.