

→ WHAT IT IS

BOSS OpsNMS is a carrier-grade, next-gen NMS automation and orchestration platform for mono or multi-vendors networks. Connecting seamless your codecs with a powerful, simple and user friendly NMS solution.

→ FOR WHOM IT IS

Ideal application for broadcasters, service providers and telco companies, the BOSS OpsNMS will help the operation and support over the complete Network to configure and collect the full awareness. Be informed on when it happens, what happens and where it happens.

→ WHICH STANDS OUT

- Scalability and seamless integration
- Reduce service delivery times
- Dynamic network topology
- Reduce outages & improve performance
- Multi-Vendor support
- Vendor independence and future proof with one tool to manage software & hardware

→ WHAT OTHERS SAY

„ As CSPs manage their physical and logical networks, the complexity of virtualization can be very high. Having a real-time accurate inventory can drastically reduce this complexity, while streamlining service activation and enhancing the customer experience. “ (Jean-Matthias Fargette, Head of Sales, Dimetis GmbH)



Dimetis BOSS OpsNMS

Next Generation of NMS Platform

BOSS OpsNMS is a carrier-grade next generation network management and monitoring platform. It enables customers to orchestrate, monitor and visualize everything on their local and distributed networks. BOSS OpsNMS offers a comprehensive fault and traffic monitoring, lifecycle service automation and alarm generation in one place.

Highly scalable in a mono or multi-vendor environment, OpsNMS easily integrates with your core business applications and workflows.

Reduce complexity from your users: Auto provisioning

OpsNMS reduces the complexity of provisioning for customers thanks to its auto provisioning feature. Services of any kind, e.g., telecom, digital content, can be built before rollout and their workflows executed at the right time. The activation engine performs the actual end-to-end equipment configuration across the entire multi-level and multi-domain network.

Scheduling and activation facilities are the main tasks of Auto Provisioning and among the main strengths of OpsNMS.

Populate your network inventory the easy way: Discovery

The Network and Device Discovery module reconciles the OpsNMS database with the customer network and updates the network state. While device discovery framework allows adding discovery capability for new devices, the network discovery is useful for inventory update to in-sink Inventory with customer network state.

Alarm & Event Management: Service Assurance

The Assurance Module provides alarm and event monitoring capabilities for configured network components. Alarms and events can be retrieved via SNMP and will be presented in an alarm view.

Effective fault management paves way to identify failure in the networked environment with very less effort. Fault Management provides features like filtering of trap/event/alert, parsing of traps and events, provision to execute automated actions, event correlation and alerting. Corrective actions will be triggered automatically if defined.

Enterprise Reporting and Visualization

Increase the visibility and take control over your connections. The dashboard provides a centralized overview of all connections and allows you to create, modify or delete connections and much more. Additionally, reports can be exported based on templates, representing data through tables, charts and graphs.

Bandwidth management to avoid conflicts

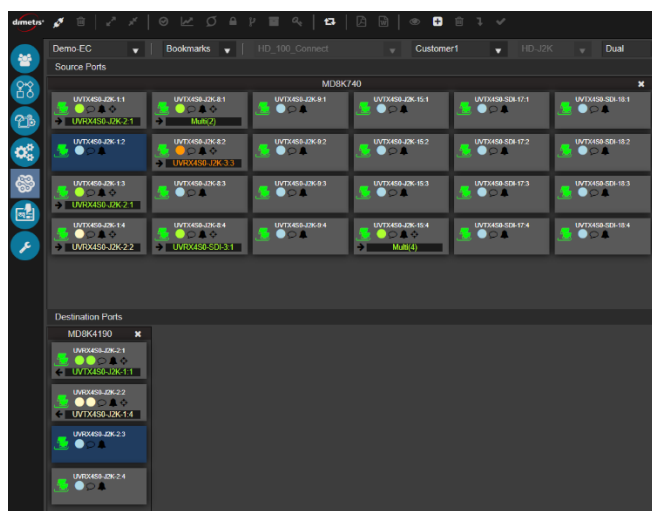
The possibility to manage your bandwidth with conflict resolution and proper queuing.

Security manager

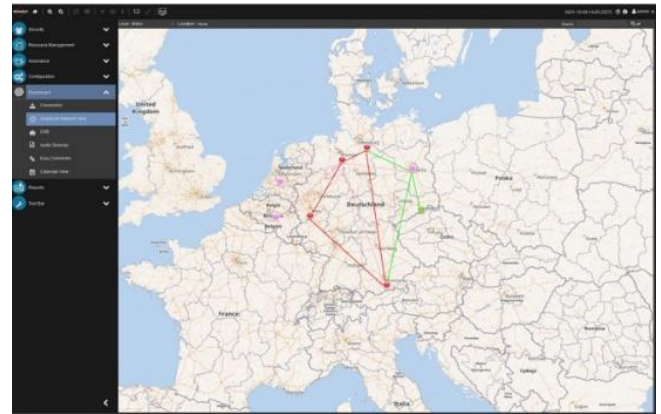
The IT security subject is managed by the OpsNMS by integrating an user session management and profile-based authentication, supporting network slicing and virtual domains.

Real-time usage and health status with Dynamic Inventory

Inventory integrity is at the very core of a successful migration to virtualized networks. Using Dimetis’s years of experience in inventory discovery technology, OpsNMS has been developed to provide real time and state-full resource management to reconcile the “as-built” with the “as-designed” network and service inventories.



OpsNMS – EasyConnector GUI



Graphical View in Monitor Mode

Highly Scalable, modern service oriented architecture

OpsNMS provides a modern and intuitive web based user interface which helps them to understand their network without any need for client side installation. Developed in Java and based on service oriented architecture, OpsNMS is highly scalable across VMs, either in clouds or clusters and offers high availability. Thus the system is able to grow with you – from small to large size network scenarios. It consists of different modules to perform logically autonomous sets of operations. Using Hibernate OpsNMS is ready to either support Oracle or PostgreSQL as persistence.

For northbound integration with third party systems, OpsNMS provides a modern, secured REST based API.

→ Who we are.

Dimetis is a carrier grade software development company that serves the media and service provider industry. The mission is to create solutions that simplify, optimize and secure the communication and management of video, audio and data infrastructures along the media value creation chain.

Find out more insights.

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