

→ WHAT IT IS

BOSS OpsNGN is a carrier-grade, next-gen OSS automation and orchestration platform for hybrid networks supporting physical and virtualized networks (SDN/NFV).

→ FOR WHOM IT IS

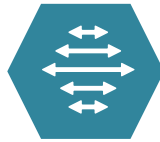
Ideal application for broadcasters, service providers and telco companies, the BOSS OpsNGN will help the operation and support from your edge devices like Codecs to Network Core elements.

→ WHICH STANDS OUT

- Preservation of service revenue
- Reduce service delivery times
- Improved quality of services
- Less human errors and less repetitive manual work
- 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 OpsNGN

Next Generation Orchestration Platform

BOSS OpsNGN is a carrier-grade next generation OSS orchestration platform for hybrid networks supporting legacy technology, Software Defined Networks (SDN) and Network Functions Virtualization (NFV). Using a truly **Dynamic Inventory**, OpsNGN provides Communication Service Providers (CSPs) service and network agility, lifecycle service automation, service assurance, and the power to scale up and out in a multi-vendor environment.

Multi layer orchestration with OpsNGN

OpsNGN allows context-aware multilayer orchestration via operations automation, network programmability and complex service activation workflows:

- **Application Orchestration** — Coupling between legacy OSS environments and Dimetis OpsNGN to federate all network and service data required for composing network and service configurations without a lengthy and expensive systems integration approach.
- **Service Orchestration** — Delivers a seamless end-to-end configuration of services over multi-layer, multi-domain, heterogeneous network infrastructures.
- **Network Orchestration** — Allows for highly scalable, parallel network configuration transaction operations for maintaining the network.

Reduce complexity from your users: Auto provisioning

OpsNGN 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 OpsNGN.

Populate your network inventory the easy way: Device & Network discovery

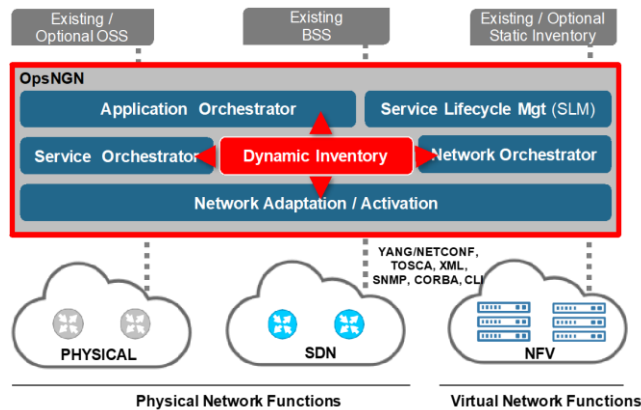
The Discovery module reconciles the OpsNGN database with the customer network and updates the network state. While device discovery framework allows adding discovery capability for new devices, the network discovery is useful for inventory update to in-sink Inventory with customer network state.

Alarm & Event Management: Service Assurance

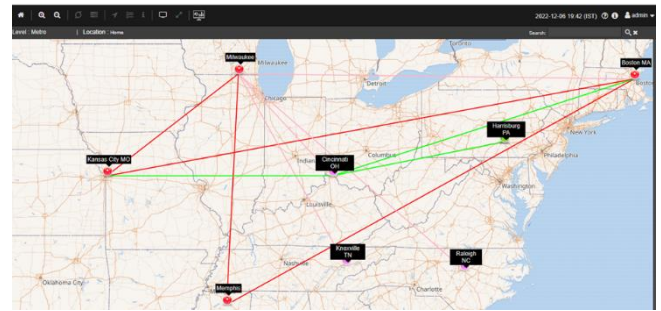
The Assurance Module provides alarm and event monitoring capabilities for configured network components. Alarms and events can be retrieved via SNMP and will be presented in an alarm view. Current alarms can be browsed, filtered and parsed. Corrective actions will be triggered automatically if defined.

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, OpsNGN 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.



OpsNGN – Dynamic Inventory



Graphical View in Monitor Mode

Intuitive Web UI

OpsNGN comes with a browser based, intuitive Web interface which helps them to understand their network. Users are able to visually identify potential service affecting devices, services, and trunk problems by using a real time geographical summary display of the network using OpsNGN Graphical Site Hierarchy.

Maximum flexibility with OpsNGN

OpsNGN is equipped with an API. It provides information to third party systems and can perform operations like remote provisioning, requested by external systems.

→ 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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