



Low Touch. Vendor Neutral. Always Available.

The Opengear NetOps Automation™ platform provides the presence, proximity and orchestration capabilities to easily automate NetOps workflows. Manage networks, from data centers to the edge, all from a central location with minimal human intervention.

Built for enterprises with a focus on innovation, this vendor-neutral automation of workflows incorporates Opengear hardware at each location with an overarching software management platform. Modules can be activated to automate Secure Provisioning and Event Data Management (LogZilla) workflows. As new challenges arise, enterprises are able to use tools such as Ansible, Docker and Git, to rapidly develop new modules as needed – and activation can be completed without a system upgrade. An open architecture provides the ability to sequence and coordinate actions, ensure security, manage configuration files and run distributed container applications.

The NetOps Automation platform is built on a network of distributed Opengear devices. Lighthouse 5 is at the core of the solution, enabling organizations to manage the network through a single interface, and deploy NetOps modules to automate specific network tasks.

Features & Benefits

Orchestration Capabilities

Automate NetOps workflows with improved scalability, security and reliability.

Container Applications

Centrally manage distributed applications running at the core or edge of the network without need for additional hardware. Docker containers are used for NetOps modules.

File Repository

Distribute and centrally manage firmware, configuration and script files at remote locations.

Out-of-Band Cellular Connectivity

Get uninterrupted automation of workflows before an IP production network is available, or during an outage.

Trusted Platform Module (TPM)

Embedded physical security ensures firmware and configuration integrity, while securely storing VPN keys, even when deployed at untrusted locations.

Vendor-Neutral Architecture

Consistent workflows provision and manage networking devices from Cisco, Juniper, Arista, Huawei, Aruba, Pica, Cumulus, white boxes, etc.

Platform Components



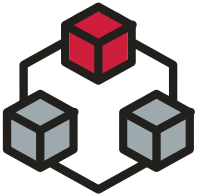
Lighthouse 5 Software

Lighthouse 5 is a vendor-neutral centralized management platform. Its containerized NetOps Modules expand management capabilities beyond Smart Out-of-Band to support other applications developed by Opengear, customers or technology partners. A RESTful API also enables users to seamlessly integrate the platform with existing communication channels.



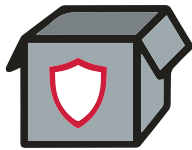
OM2200 Operations Manager

The OM2200 Operations Manager is an appliance purpose-built for NetOps users. Ensuring that organizations are able to securely provision over 4G LTE before the network is live, it also allows the configuration and management of remote applications. Support for Docker containers and Python and Ruby runtime environments allows customers to deploy agents for orchestration (e.g. Puppet, Ansible) and extend the automation capabilities in the management appliance with custom scripts and applications.



NetOps Modules

Containerized NetOps Modules are accessed through the Lighthouse 5 interface, offering a range of automated workflows on a per-module subscription basis. The use of Docker containers allows approved third-party developers to create functionality as part of the Opengear ecosystem.



Secure Provisioning Module

Provision a new network automatically, remotely and securely with the Secure Provisioning NetOps module. A vendor-neutral, centrally managed ZTP service with onsite node WAN and LAN connectivity, it automates the provisioning process and:

- Automates the provisioning of networking devices at local and remote locations
- Addresses Day-One Provisioning, RMA and Disaster Recovery use cases
- Keeps image, configuration, script files constantly updated where they are needed
- Eliminates human intervention at remote locations
- Accelerates deployments and recovery from outages



LogZilla Module

The Logzilla NetOps Module is an event data and management solution which enables the early detection of faults within an environment. Machine data is collected, stored and processed in real time to analyze, investigate and report on problems identified in the environment.



Infrastructure Manager and Resilience Gateway

The high-density (IM7200) and small form factor (Resilience Gateway) console servers safeguard business continuity, providing secure and reliable access via embedded cellular for Out-of-Band management. *Smart Out-of-Band (Smart OOB™)* and *Failover to Cellular™* ensure access to network devices, even when the primary network is down.

Start automating your workflow