



Opengear provides the automation, network resilience and security necessary to efficiently manage and protect networks. Our data center and remote site solutions enable technical staff to provision, maintain and repair infrastructure from anywhere at any time, drastically reducing operational costs and downtime.

Opengear integrates *Smart* Out-Of-Band management, always-available wired and wireless secure remote access, proactive monitoring, automated response and Failover to Cellular™ for uninterrupted remote site connectivity, even when the network is down.

Smart Out-of-Band Management

Reduced Downtime

- Advanced monitoring to detect issues before they become failures
- Minimize downtime with intelligent logging to fix problems
- Increase your ROI on expensive network equipment
- Active monitoring of not just your network but also the physical environment

Built for NetOps

- We speak CLI
- Simplify management of your OOB network
- Scalable solutions for data center and at the edge
- Advanced centralized management through a single pane of glass
- Simple cabling with software selectable pinouts

Always-on Access

- Increased accessibility to all devices
- Out-of-band access via multiple pathways
- Connectivity via ethernet/SFP, PSTN, cellular
- Failover to Cellular™ combined with IP Passthrough to provide network connectivity for edge installations

Products



Infrastructure Manager IM7200

- Full feature data center product
- 8-48 software selectable console ports
- Embedded cellular
- Combo USB and switch models 24U and 24E
- DAC and DDC powered



Console Manager CM7100

- Replacement for legacy terminal servers
- Console connectivity 16-96 console ports
- Cost effective and best value per port
- DAC and SAC powered
- CCC Certified



Resilience Gateway ACM7000-L

- Embedded cellular with IP Passthrough for network failover
- 4-8 console ports
- Environmental monitoring
- Compact form factor
- Combo switch model available



Remote Site Gateway ACM7000

- Flexibility with OOB via PSTN modem for legacy installs
- 4-8 console ports
- Environmental monitoring
- Compact form factor
- Combo switch model available

Features

Smart OOB™

- Enable better visibility during failures.
- Proactively detect faults before failures become a reality.
- Advanced logging enables quick identification of issues.
- Alerting via SNMP, email, cellular SMS, RESTful API or Lighthouse.

Failover to Cellular™

- Reliable connectivity during primary network failures.
- Lower connection cost compared to copper phone lines.
- IP based technology enables NetOps to directly communicate via SSH clients instead of finding a port to dial into the device.

Built-in TFTP Server

- Industry leading internal storage capacity.
- Enables the user to store and utilize existing configurations and firmware during accidental configurations, resets or equipment failures.

Automated Deployment Process

- Combine ZTP, LLDP and CDP to quickly deploy across the entire network with minimal effort.
- Flexible configuration file types and deployment methods enable Day One operations.
- Reduce deployment cost and manned operations.
- Minimize human errors, guarantee repeatability.

Centralized Management - Lighthouse

- Lighthouse 5 centralizes your network and IT infrastructure into a single application and provides an unparalleled level of resilient access and visibility even during critical failures.
- Lighthouse is your central network hub and management portal for Opengear Smart OOB devices.
- Scalable administration and automation through its entire lifecycle – from Day One provisioning, to routine operations and disaster recovery.

Strong Security and Authentication

- Built-in configurable stateful Firewall on all devices.
- FIPS-1140-2 compliance with OpenSSL. Strong Ciphers-AES Encryption. Cisco Compatible IP Sec, OpenVPN, AAA – TACACS+, RADIUS, Active Directory/OpenLDAP, Kerberos, with local fallback, Two-Factor authentication with AAA.
- Active firmware updates to quickly patch security issues.

Scalable Out-Of-Band Solution

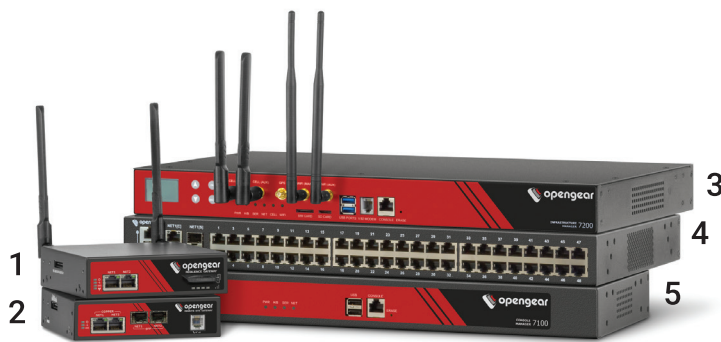
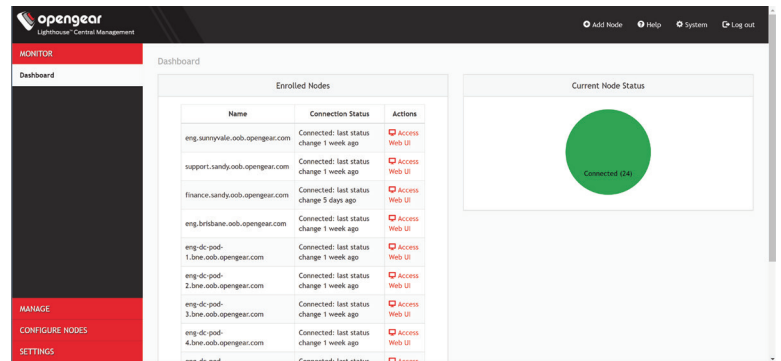
- Wide range of hardware with various console port options, USB and flexible connection options such as redundant ethernet/SFP fiber, PSTN modem and cellular.

Environmental Monitoring

- Combine environmental monitoring with our Smart OOB to provide greater insight beyond the network equipment.
- Monitoring external factors enables the user to minimize damage to equipment.

RESTful API

- RESTful API allows network administrators to leverage Opengear's unparalleled connectivity to program and automate their management network through a stable and efficient interface.
- Scalable extensibility to eliminate ad-hoc scripting.



Opengear Family Of Products

1. ACM7000-L Resilience Gateway (Cellular)
2. ACM7000 Remote Site Gateway
3. IM7200 Infrastructure Manager (Cellular)
4. CM7196A Console Server (96 Port)
5. CM7100 Console Server