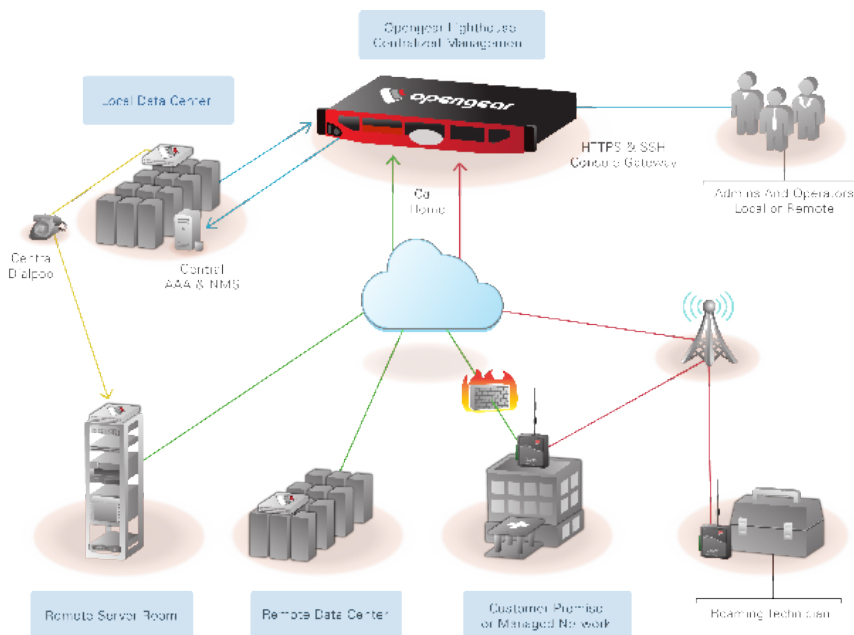


## Lighthouse Centralized Management

Opengear Lighthouse builds on the capabilities of Opengear's data center and remote site management appliances to provide a single point of management for your entire out-of-band infrastructure.

Lighthouse delivers consolidated, secure access to failed or firewalled remote networks and to critical infrastructure scattered across tens or thousands of racks or remote sites. Reach management consoles without in-depth knowledge of network topology or operational state, using your existing credentials, tools and workflow.

By seamlessly converging all management network connections – via primary management LAN, 3G or 4G LTE failover or dial-out out-of-band – Lighthouse takes the complexity out of managing distributed network, power and IT infrastructure, to reduce MTTR and minimize the impact of faults and failure.

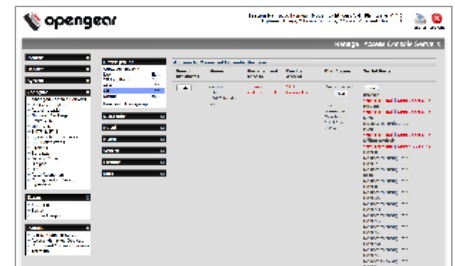


### Efficient, scalable, secure management of Opengear appliances and connected devices

With Lighthouse, best-practice security is maintained even during remote network outages, with strong encryption, audit-trail logging and resilient pass-through central authentication. Opengear with Lighthouse centralized management gives you the peace of mind that your infrastructure is operating optimally. And when it's not, it provides the tools to respond and repair, securely and efficiently.

### Central management that scales with your network

- Call Home to Lighthouse over cellular for highly available remote access to failed or firewalled remote networks, or new network installs
- Dialpool central dial-out PSTN-connected Opengear appliances – share out-of-band access with operators without an analog line, featuring periodic dial-out testing
- Console Gateway enables SSH to any console port by name, wherever it is on your network and however it's connected
- Search and sort managed devices with smart groups – quickly drill down by geography, application or managed device type
- Pass-through authentication uses central AAA credentials to manage remote consoles – log and authenticate all access even during remote site outages
- Security made simple, all sensitive management sessions encrypted with strong cipher HTTPS or SSH and optional VPN



### Centralized Management Benefits

- **Reduce IT costs** by streamlining overall operations, administration and maintenance of Opengear managed devices
- **Reduce complexity** with a single pane of glass view of your distributed equipment
- **Reduce mean time to repair (MTTR)** and downtime with intuitive out-of-band access from anywhere, anytime
- **Aggregate all networking and IT gear** into a single interface for quick alarming, access and problem remediation from a centralized location – allowing you to do more with less

## Who can most benefit from Lighthouse centralized management?

### Distributed Enterprise

Highly available access and control of network, IT and power infrastructure for initial provisioning, ongoing maintenance and incident response. Enable operators to reach remote consoles without requiring in-depth knowledge of how they're connected, and authenticate using their corporate AAA credentials.

### Managed Service Providers

Implement network routing and firewall policy changes with confidence, minimize on-site call outs and truck rolls. Monitor customer premises equipment, environment and network availability. Manage equipment where inbound access would otherwise be impractical or impossible, such as in hospitals or behind third-party firewalls. Differentiate your service ordering and increase client satisfaction.

### Lab Environments

Access and control thousands of managed consoles and PDU outlets from a single IP. Support for low-level scripting to automate lab setup, testing and tear down.

## Key Management Features

#### All-inclusive connectivity

Secure access to remote devices via cellular, broadband or dial-up, with efficient out-of-band access from anywhere, anytime. Reduce IT costs by streamlining overall operations, administration and maintenance.

#### Call Home

Opengear cellular appliances at remote sites Call Home to Lighthouse over 3G and 4G LTE cellular for highly available remote access to failed or firewalled remote networks, or during provisioning of new network installs.

#### Integrates with your existing management tools

Managers can use their preferred SSH client or HTTPS browser for secure access from anywhere – be it a NOC, laptop, or mobile device. Delivers a convenient single point of management access to remote devices scattered across hundreds or thousands of remote locations.

#### Dialpool centralized dial-out

Intuitive dial-out PPP connections to Opengear appliances via a central or distributed pool of analog modems. Modems may be distributed globally to overcome international line quality issues and minimize call costs.

#### Focus on security

Security made simple, all sensitive management sessions encrypted with strong cipher HTTPS or SSH and optional VPN. Pass-through authentication uses central AAA credentials to manage remote consoles. Log and authenticate all access even during remote site outages.

#### Central management that scales

Search and sort managed devices with smart groups. Quickly drill down by geography, application or connection type, whether you have 5 or 5,000 Opengear appliances deployed.



## Technical Specifications

### Lighthouse VM:

Software appliance for up to 5,000 managed appliances that supports Linux Kernel-based VM and VMware ESX, ESXi and Server virtualized environments with at minimum 500MHz CPU core, 4GB hard drive and 256MB RAM

## Specifications & Ordering

<http://opengear.com/products/lighthouse>



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## Your Contact