



SMART SOLUTIONS FOR RESILIENT NETWORKS



Smart Out-of-Band

Remote access to your devices at any time,
even when the network goes down

LIGHTHOUSE 5

CENTRALISED MANAGEMENT SYSTEM

As a central, scalable network hub and administration portal, the platform allows network engineers to seamlessly connect and manage all devices remotely.

Manage your Out-of-Band (OOB) network through a single pane of glass. Lighthouse 5 provides always-on resilient access to your connected IT infrastructure.

A system specifically designed and built for NetOps. It reduces manual operations, decreases deployment costs and guarantees repeatability.

Lighthouse 5:

- Secures all communications with VPN tunnels permitting each user the right access
- Automates the configuration process by utilising enrollment bundles and Zero Touch Provisioning (ZTP)
- Integrates with other platforms through a RESTful API, including Slack out-of-the-box
- Provides a Java-free, vendor-neutral management solution



IM7200 Infrastructure Manager

Safeguard business continuity with the IM7200 Infrastructure Manager. Providing secure and reliable access, this advanced console server delivers proactive monitoring and remediation through *Smart OOB™* and offers Failover to Cellular™ via multi-carrier 4G-LTE. This solution streamlines the remote management of your network in data centres and remote environments.

The Infrastructure Manager:

- Offers software selectable serial pinouts
- Identifies and verifies attached devices on your local network through Link Layer Discovery Protocol (LLDP)
- Ensures enterprise-grade security
- Provides dual network connections with built-in fiber SFP and GBE copper ports
- Configured with 8 - 48 ports



ACM7000-L Resilience Gateway

Maximise uptime at branch offices and remote sites with the Resilience Gateway. When the primary network is down, the cellular-enabled console server provides always-on access to your off-site network devices. Ensure business continuity with enterprise-grade security, integrated RESTful API and *Smart OOB* which enables the identification of issues at the network edge before they become failures.

The Resilience Gateway:

- Provides automated alerts
- Manages all edge routers, firewalls, UPSs and PDUs with serial, USB and Ethernet consoles
- Maximises WAN resilience with failover to 4G LTE networks and built-in multi-carrier capabilities
- Logs audit trails to embedded 4GB local storage for troubleshooting and compliance
- Configured with 4 - 8 ports

What is Smart Out-of-Band?

Out-of-Band management uses a secondary "Out-of-Band" network, separate from the production network. Administrators can securely manage devices, typically via serial ports, without impacting normal operations.

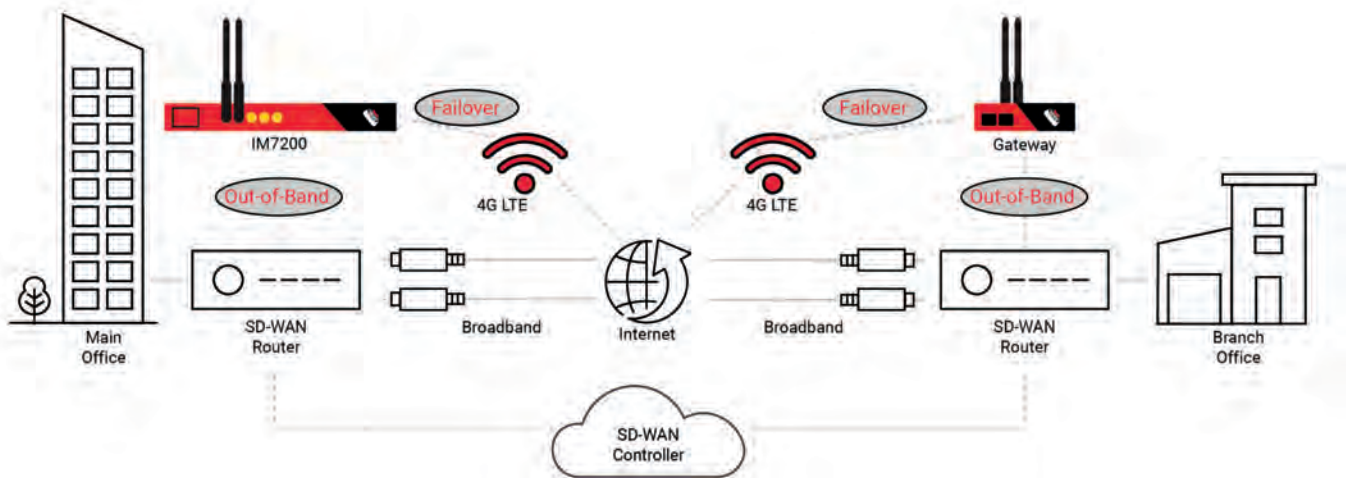
Smart Out-of-Band by Opengear adds a layer that ensures the rapid identification and remediation of connectivity issues, allowing network admins to detect faults before they become failures.

Take network resiliency to the next level:

- Set automated alerts via email or SMS, to provide instant notification of a network issue
- Link to environmental sensors for temperature, humidity, vibration and door openings
- Ensure infrastructure is able to be accessed even during a system or network outage

SD-WAN and Smart OOB

SD-WAN deployment reduces cost and provides flexibility while still maintaining secure network connections, giving you the ability to aggregate multiple high-bandwidth internet connections. These advanced routers can introduce a single point of failure and need regular firmware updates, leaving your organisation vulnerable to potential downtime. *Smart OOB* by Opengear reinforces SD-WAN deployments, ensuring secondary access to the router to reflash or power cycle, and allowing admins to remotely get the network back up without an onsite visit.



SD-WAN + Smart OOB = Enterprise-Grade WAN