



## ENABLING OPERATIONAL UPTIME IN TRANSPORTATION

A resilient network is the foundation of operational efficiency in transportation. Facilitating the global economy, transportation is crucial component in the supply chain. Transportation companies are continuously deploying new technologies to streamline operations, minimize cost and maximize service. All of these technological innovations require connectivity and to ensure business continuity, network resilience is critical.

Integral to understanding and optimizing the transportation component of the supply chain, is a robust network management system. Transportation networks are complex and have a variety of configurations, each with their own unique challenges and many moving pieces. Regardless of location, these companies need a full view of their infrastructure at all times to gain real time, critical and actionable insights.

Continuous connectivity and remote network access are a necessity to keep the wheels turning and ensure transportation companies keep earning.

### OUTAGES CAN BE CAUSED IN A VARIETY OF WAYS WHICH INCLUDE:



ISP Carrier Issue



Human Error



Data Breach



## Air Cargo Transportation

Air Cargo transports \$6 trillion worth of goods every year. Air transportation allows enterprises to ensure reliable delivery of smaller volumes in new markets, restock inventories quickly as demands grow and introduce shorter shelf life products. As markets continue to evolve, new network structures emerge, making continuous device management crucial to the success of any airline. For fleet, scheduling and capacity planning, airlines are continually adding new technologies to the network. To optimize the profitability of route networks, improve aircraft rotations and rely on automated codeshare management, they require an independent management plane. This will ensure critical always-on network connectivity for their unique operational structures.

## Rail Freight Transportation

Consumer demand for specific goods and tight truckload capacity has increased intermodal volume with organizations relying on railways for shipping products. To streamline processes and optimize spend, freight companies leverage transportation management technology to assist with the logistics within the supply chain. Technology Management Systems (TMS) automate the current transportation processes, allowing freight companies to easily coordinate shipping, tracking and delivery of goods to their final destination. Hauling more than 1 billion tons of materials each year, despite the location of a locomotive, rail freight organizations need a solution that provides full visibility of the network. Enabling engineers to remotely monitor all infrastructure, ensures immediate data access and reduces fleet downtime.



## Fleet Transportation

Trucking fleets have become more digitalized to remain competitive and streamline operations. Now owners can almost seamlessly track the trade activity of commercial transportation, which includes the overall rate of vehicles being used. New technologies are constantly being deployed, ranging from Electronic Logging Devices (ELD) to trailer tracking. These telematic devices, sensors and Transportation Management Systems require continuous connectivity, all which need to be supported by a resilient network. Any type of network disruption will render these systems useless, compromise safety and overall operations.

## EXTEND YOUR REACH FROM THE CORE TO THE EDGE

### EDGE

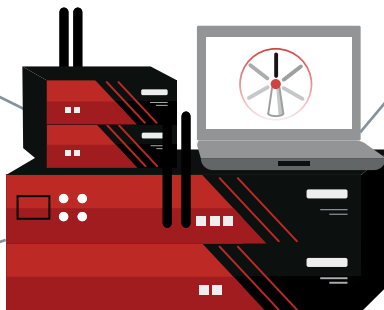
Ensure uptime at mobile remote sites

- OM1200 Operations Manager

### CORE

Streamline remote management in data centers

- CM8100 Console Server
- OM2200 Operations Manager



### A CLEAR VIEW ACROSS YOUR NETWORK

Access to all your network resources

- Lighthouse Software

### MORE INFO

To learn more about how Opengear solutions can help you maintain always-on access, visit:

<https://opengear.com/transportation>

## MOVING TRANSPORTATION COMPANIES INTO THE FUTURE