



## ENSURING MAXIMUM UPTIME FOR HEALTHCARE SYSTEMS

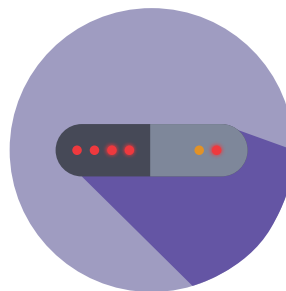
A network is the lifeline of a healthcare organization, providing critical connectivity to a wide range of devices and applications. Dedicated to continually providing better patient experiences, healthcare systems such as labs and hospitals are constantly integrating the latest innovative technologies into their ecosystems. Although IT applications are crucial to meeting the growing demands of these institutions, they can cause a greater strain on the network. This along with many healthcare deployments using multiple operating systems increases the likelihood of a disruption and having an engineer on-site familiar with each isn't likely.

To ensure business continuity, healthcare systems require an always-on network. To do this they are implementing solutions such as *Smart Out-of-Band* and *Failover to Cellular™*. Allowing infrastructure at remote locations to be accessed even when the network is down, critical applications such as EHR, CPOE and other systems are still able to be accessed without interrupting patient care.

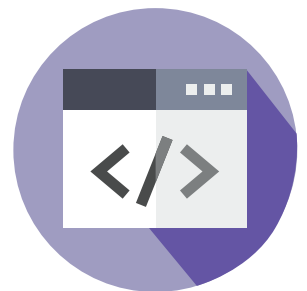
### OUTAGES CAN BE CAUSED IN A VARIETY OF WAYS WHICH INCLUDE:



Cyberattack



Hardware Failure



Human Error

### KEY STATISTICS:

# 40%

of healthcare deployments use more than 20 operating systems<sup>1</sup>

# #2

highest industry breached is healthcare<sup>2</sup>

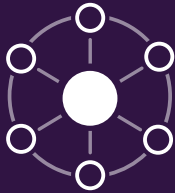
# 1/3

of hospitals don't have a HIPPA compliant EHR plan<sup>3</sup>

1 - <https://www.hipaajournal.com/third-of-hospitals-lack-hipaa-compliant-ehr-contingency-plans-3522/>  
2 - <https://www.hipaajournal.com/healthcare-data-breach-costs-highest-of-any-industry-at-408-per-record/>  
3 - <https://www.ibisworld.com/industry-insider/analyst-insights/top-sectors-for-regulatory-change/>

## THE OPENGEAR SOLUTION:

Prepare for future connectivity requirements and have the ability to scale as new applications come online. As healthcare systems continue to expand their presence, Opengear solutions provide the ability to manage hundreds of devices at various locations with full visibility.



### Network Resilience

Ensure health systems can continue to run, patient information is accessible and security requirements are met during a network disruption with *Smart Out-of-Band* paired with *Failover to Cellular™*.



### Enterprise-Grade Security

Reduce non-compliance fines and protect sensitive patient records with stringent security and encryption policies that ensure HIPPA Privacy and Security rules are met.



### SD-WAN Complementary

Ensure network resilience at remote sites during SD-WAN deployments where healthcare organizations are more likely to experience a disruption because of a single point of failure.



### Always-On Connectivity

Ensure business continuity by restoring WAN connectivity without manual intervention with *Failover to Cellular*. Using ICMP ping requests from the primary network, engineers are able to remotely identify and remediate issues.

## EXTEND YOUR REACH FROM THE CORE TO THE EDGE

### EDGE

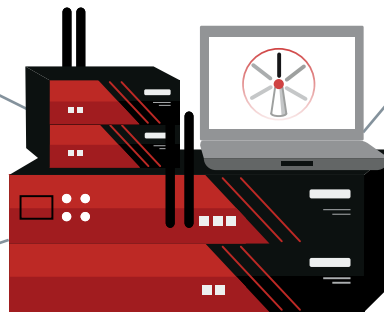
Ensure remote uptime with:

- Resilience Gateway
- NetOps Secure Provisioning

### CORE

Streamline remote management in data centers

- IM7200
- NetOps Automation Platform



### CENTRAL MANAGEMENT

Get a clear view across your entire network

- Lighthouse Enterprise

### MORE INFO

To learn more about how Opengear solutions can help you maintain always-on access to your healthcare networks visit:

<https://opengear.com/healthcare>

## HOW HEALTHY IS YOUR NETWORK?