

COVID-19 RESPONSE TOOLKIT FOR HEALTHCARE IT & BIOMED PROFESSIONALS



Hi! I'm **Switch**, with Cynerio.

If you're a healthcare IT or Biomed professional, you know that saving lives comes down to critical seconds. Life-saving medical devices need to work and they need to work fast. Your top priority is making sure they're at 100% capacity. System overload and device failure is NOT an option. You need total visibility into your devices and total control over them every second of every day. Use this toolkit I made to help you tackle the challenges, save time, and make the most of your resources.



EQUIPMENT SHORTAGES



CHALLENGES

- **Gaps in visibility** into medical device inventory
- With the **shortage of staff**, there's no time for manual inventory
- **Redistribution** of devices between departments and off-site locations is difficult to manage



YOUR TOOLS FROM CYNERIO

- **What do you have?** Comprehensive and automated discovery of all connected devices
- **Where are your devices?** Real-time visibility into the changing locations of the devices
- **Ongoing granular assessment** of equipment utilization patterns per device, per department



REMOTE WORK & ACCESS



CHALLENGES

- **Remote workforce** has difficulty taking inventory and locating devices
- Difficulty gauging **device utilization, criticality, and downtime**



YOUR TOOLS FROM CYNERIO

- **Virtual collector** helps support remote implementation, cross-departmental coordination, and teams working from home
- **Fully customizable dashboards** for every team (IT and Biomed/Clinical Engineering) with personalized views, including COVID-19 dashboards, alerts and reports for every team member



IT NETWORK NEEDS



CHALLENGES

- Monitoring network traffic and gauging capacity
- Maintaining network capacity and restricting traffic load
- Supporting field hospitals, redistribution, and reorganization projects, additional servers, etc.



YOUR TOOLS FROM CYNERIO

- **Real-time visibility** into medical devices' internal and external communications, even if assets are migrated to different servers
- Visualization and support for **multi-site network topology**
- **Full integration** with traditional IT tools, like RTLS, WLAN controllers, and more



CYBER THREATS



CHALLENGES

- Limited resources due to staff shortages and reprioritization
- Increase in cyber attacks
- Prioritizing device risk according to impact on patient safety and criticality to COVID-19 efforts
- Reduced maintenance places devices at greater risk when attacks are on the rise:
 - No OS updates
 - No patches
- Redistributing equipment without time to plan and implement appropriate network security and segmentation policies



YOUR TOOLS FROM CYNERIO

- **Real-time alerts** on cyber threats, device vulnerabilities, and policy violations
- CynerioLive research combines **machine learning, real-world data, and MDS2 information** to flag suspicious/anomalous connections
- **Risk assessments** based on device impact on patient safety and business continuity help prioritize and remediate the most critical risks
- **Virtual segmentation** enables safe and rapid implementation of segmentation policies with a high level of confidence, and without disrupting clinical operations

*Cynerio is offering **COVID-19 Free Access & Assessment** throughout 2020. [Contact us](#) for more details.