Cynerio IoMT Security Platform Integration with SodexoHTM Program

Medical Device Safety Is Patient Safety

As network-connected medical technologies in hospitals expand, also known as the Internet of Medical Things (IoMT), so do the number of attacker pathways towards them. The sharp rise in healthcare ransomware and breaches confirms that medical device safety is ultimately a question of patient safety, and taking a precise inventory is a crucial first step towards making the devices it finds more resilient.

Cynerio IoMT security complements Sodexo’s HTM comprehensive asset management to identify and shut down live attacks on medical devices, as well as proactively address the risks and vulnerabilities that may enable future threats. This gives hospitals unparalleled visibility into their IoMT footprint and allows for the immediate remediation of detected threats through step-by-step mitigation recommendations for each attack and risk.

With Cynerio and Sodexo working in tandem, hospitals can ensure the protection of patient safety, care, and data to drive optimized healthcare outcomes through IoMT.

IoMT Security by the Numbers – Do You Feel Confident in Your Hospital’s Ability to Manage Connected Device Risk?

$9M
Average cost of a healthcare breach - highest of any industry

500%
healthcare ransomware increase since the pandemic’s start

53%
of medical devices have critical vulnerabilities that would impact patient safety if exploited

The Benefits of the Cynerio Platform

- Go beyond inventory - Find and remediate the most critical healthcare IoT risks in under 30 days
- Use device data to prioritize remediation based on potential critical risk to patients
- Confidently micro-segment connected devices with no impact on patient outcomes or functionality
- Identify and respond to ransomware and other attacks so they don’t affect IoT and medical devices
- Get the visibility to integrate IoT, OT and connected medical devices within your IT security tools
- Healthcare is Cynerio’s only business – leverage our deep insight on medical device security and hospital best practices
- Sodexo brings deep medical device expertise accelerating the analysis and recommendations for reducing IoMT risk in your healthcare environment
- Ensure IoT security alignment between BioMed, security, network, facilities, and executive teams
- Automated, actionable, and plain-English mitigation plans that prevent the widest variety of threats

Features

Ensure patient safety, data confidentiality and service continuity on IoT devices

**Network Segmentation Validation Engine for IoT**

Cynerio’s medical-first network segmentation validation engine gives hospitals a virtual environment to test potential segmentation before execution, so that effective IoT security can be confidently implemented and device lifecycles safely lengthened without disruptions or additional risk.

**Attack Detection and Response for Healthcare IoT**

Cynerio’s IoT Attack Detection and Response module empowers hospitals to immediately identify and safely quarantine connected devices exhibiting malicious or suspicious activity. Cynerio IoT forensics then allow for thorough remediation and rapid recovery measures to be carried out when the device is not in use.

**Utilize Detailed Device Data to Optimize Resource Allocation**

Cynerio collects comprehensive information about medical device usage to help biomedical engineers and hospital staff make informed decisions about new device purchases, carry out capacity planning and respond quickly to emergencies.

**Integrate IoT Visibility and Data into IT Security**

Cynerio acts as the “brain” of your IoT device infrastructure, collecting data on risks, vulnerabilities, and attacks. The platform then leverages integrations with firewalls, network access control (NAC), security information and event management (SIEM), and many other IT security technologies that act as the “muscle” to enforce the remediation policies that Cynerio suggests for IoT devices.
At Sodexo Healthcare, we build trusted partnerships with health systems to support quality care delivery. As part of our mission, Sodexo Healthcare Technology Management (HTM) helps clients improve their patient outcomes through integrated technologies and operational efficiencies with flexible solutions to meet their needs.

About Sodexo Healthcare

Cynerio is the one-stop-shop Healthcare IoT security platform. With solutions that cater to healthcare’s every IT need—from Enterprise IoT to OT and IoMT—we promote cross-organizational alignment and give hospitals the control, foresight, and adaptability they require to stay cyber-secure in a constantly evolving threatscape. We give healthcare organizations the power to stay compliant and proactively manage every connection on their own terms with powerful asset management, threat detection, and mitigation tools so that they can focus on healthcare’s top priority: delivering quality patient care. Visit us at Cynerio.com and follow us @Cynerio.

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<th>Solution Brief</th>
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<td><strong>Updated Compliance with Global IoT and Healthcare Security Standards</strong></td>
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<td>Built according to NIST Cybersecurity Framework standards, Cynerio provides continuous monitoring of current compliance with a variety of international norms such as HIPAA, alerts about anomalous activity and device risks, and generates full reporting for streamlining audits.</td>
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| **Vendor and Cloud Access Management** |
| Gain visibility into who is connecting to your devices and why. Ensure that vendors and other external colleagues only connect to medical devices for necessary tasks, with full alerting and reporting available to corroborate security and compliance. |

| **Align IT Security, Network, BioMed, facilities and Executive Teams around Healthcare IoT Security** |
| Dozens of implementations covering hundreds of thousands of devices at hospitals all around the world has allowed Cynerio to build an effective library of best practices to ensure alignment between the varied teams that need to make healthcare IoT security effective. |

| **Assess, Score and Prioritize Device Risk Based on Potential Patient Impact** |
| The Cynerio platform leverages machine learning to model the potential impact of dozens of device risk factors, generate mitigation outcomes that keep devices secure, and create a risk score that helps healthcare providers act quickly to remediate the most dangerous threats. |

| **Extend Your IT Team with a Technical Account Manager** |
| Pair Cynerio technology with an affordable, long-term Technical Account Manager (TAM). TAMs provide guidance and technical expertise to healthcare teams that might otherwise be understaffed or over stressed. |

| **Track and Analyze Organizational IoT Risk Data in the Cynerio Portal** |
| The Cynerio portal provides comprehensive device and risk data in drill-down charts and dashboards, with step-by-step instructions on how to effectively remediate all vulnerabilities and attacks. |