

Cylera for Healthcare

Advanced IoT Asset Intelligence and Security for Healthcare

The easiest, most accurate, and extensible platform for healthcare IoT asset intelligence and security



The Challenge

Healthcare providers are the focus of sophisticated attacks targeting connected healthcare IoT. Adversaries seek to penetrate networks, access protected data, and disrupt patient care and services.

Many vendors are promoting re-purposed, generalized technology approaches that cannot adequately safeguard uptime and manage critical medical devices and enterprise IoT systems in specialized healthcare environments. These common “wide but shallow” approaches demonstrate a lack of capability, are not “built for healthcare,” and fall far short when it comes to resolving complex healthcare IoT security operational requirements.

How Cylera Helps

The Cylera platform stands apart from other solutions by using patented technology to monitor healthcare IoT and connected medical devices with high fidelity to deliver unparalleled inventory, usage telemetry, threat prioritization, and remediation guidance. Small and large healthcare providers leverage the depth of our integrations, insights and understanding of clinical and IT/SOC workflows, unique policy generation, and customer-collaborated design to secure their connected medical devices without risk or disruption to clinical systems or processes.

The Cylera platform also helps healthcare organizations proactively maintain adherence to cybersecurity frameworks compliance standards such as HIPAA in the US, and NIS, DSPT, and CAF in the UK.

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Key Cylera Use Cases

- ▶ **Healthcare IoT Discovery & Inventory:** Know and share what, where, and the operating state of your healthcare IoT and connected medical devices. Discover previously unknown devices on your network. Avoid time consuming, inaccurate, out-of-date, and incomplete IoT asset records.
- ▶ **Vulnerability & Risk Management:** Gain operational awareness into healthcare IoT devices across your network to improve your institution's security posture. Reduce data breach, reputation, disruption, privacy, compliance, and expenditure risks.
- ▶ **Threat Detection & Response:** Reduce alert noise, pinpoint actual security issues, and streamline remediation to speed healthcare IoT threat response. Response prioritization, triage context, and prescriptive remediation guidance enable teams to resolve issues faster and more easily.
- ▶ **Network Segmentation & Protection:** Prevent unauthorized access and quickly contain malware and other cyber threats with automated network segmentation policy generation and integrations with leading firewall and NAC solutions. Detect and isolate risky healthcare IoT and medical devices that put patient data and secure care delivery at risk.
- ▶ **Analytics & Reporting:** Capture comprehensive healthcare IoT and connected medical device inventory, security, and usage data to improve security, optimize device procurement and management, and enhance overall service delivery.
- ▶ **Compliance:** Obtain the healthcare IoT visibility, inventory, risk, and threat management capabilities required to support audit and compliance requirements, including HIPAA and HITECH in the US and GDPR, DPA, CAF, and NHS DSPT in the UK.

What Makes Cylera Unique



Rapid Time-to-Value: Easy to deploy, use, and expand usage backed by outcome-driven implementation and on-going engagement



Smart Monitoring: Real-time identification and classification of new and unknown healthcare IoT assets without requiring other sources or retooling



High Fidelity Intelligence: Continuous, deep healthcare IoT visibility, inventory, vulnerability, and telemetry details



True Risk Profiling: Scoring model using broad context for highly accurate vulnerability and threat detection, risk assessment, and prioritization to reduce alert noise and remediation list



Efficient Threat Mitigation: Response prioritization, triage context, prescriptive remediation guidance, and segmentation policy generation help teams resolve issues faster and more easily



Comprehensive Analytics: Extensive healthcare IoT asset operational data facilitates compliance and audit-readiness, and also enables allocation, procurement, hygiene, and governance

Cylera provides the easiest, most accurate and extensible platform for healthcare IoT intelligence and security to optimize patient care, service availability, and cyber defenses across diverse connected medical device and healthcare environments. The Cylera platform accurately discovers, categorizes, assesses, and monitors known and unknown assets with high fidelity to deliver unparalleled asset inventory, usage telemetry, risk prioritization, analytics, and guided threat remediation. Cylera integrates with popular IT and healthcare systems to allow organizations to advance cyber program maturity, increase operational efficiency, mitigate cyber threats, and enable compliance readiness.



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