

Cylera Healthcare IoT Platform

Advanced Healthcare IoT Asset Intelligence and Security

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



The Challenge

To modernize care delivery, healthcare service providers are increasing operational connectivity and medical device innovation. This requires thousands of connected medical devices operating on healthcare networks that must be available and protected for patient care. Unfortunately, institutions lack visibility, inventory, and adequate security management of their healthcare IoT devices. These unknown, unmanaged, and at-risk connected medical devices have expanded healthcare providers attack surface and exposed institutions to cyber attack, data privacy, and compliance risks.

How Cylera Helps

Cylera provides the easiest, most accurate and extensible, platform for healthcare IoT intelligence and security to optimize care delivery, service availability, and cyber defenses across diverse connected medical device and infrastructure.

The platform accurately discovers, categorizes, assesses, and monitors known and unknown healthcare IoT and connected medical devices with high fidelity. Cybersecurity and biomedical engineering professionals gain unparalleled asset inventory visibility, usage telemetry, threat prioritization, analytics, and guided remediation. The solution, in combination with its rapid implementation and integrations with popular IT and biomedical applications, enables organizations to advance their cybersecurity program maturity, increase operational efficiency, mitigate risk, and enable compliance audit-readiness.

TRUSTED GLOBALLY

St Luke's
UNIVERSITY HEALTH NETWORK

Keck Medicine
of USC

HRH Harbor
Regional
Health

 **Weill Cornell
Medicine**

Ashtabula County
Medical Center
ACMC Healthcare System

An affiliate of
 **Cleveland Clinic**

NHS
Dartford and Gravesham
NHS Trust

 **MT. SAN RAFAEL
HOSPITAL**

NHS
Epsom and St Helier
University Hospitals

NHS
Bolton
NHS Foundation Trust

NHS
The Christie
NHS Foundation Trust

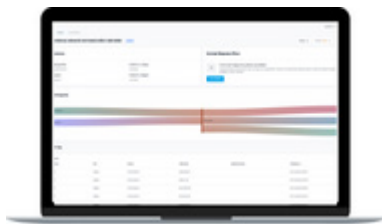
NHS
Blackpool Teaching
Hospitals
NHS Foundation Trust

The Cylera platform software-as-a service (SaaS) solution provides visibility, risk and threat mitigation, network segmentation support, and operational insights across connected medical and IoT devices.



Connected Medical Device Inventory

- ▶ **Continuous visibility:** Identify, classify, and monitor healthcare IoT and connected medical devices in real-time.
- ▶ **Deep healthcare IoT device intelligence:** Capture make, model, OS, vendor, network services, SBOM attributes, and more.
- ▶ **Network traffic inspection and assessment:** Analyze granular flow and communication attributes.
- ▶ **Known and unknown device identification:** Auto-categorize and assess without requiring retooling.



Risk Profiling and Prioritized Threat Mitigation

- ▶ **Passive, real-time detection:** Identify vulnerabilities and indicators of compromise (IOCs) affecting healthcare IoT devices.
- ▶ **Dynamic risk profiling:** Pinpoint actual attack surface risk and potential service impact.
- ▶ **Efficient mitigation:** Prioritize threats with risk scores and remediate faster with detailed triage context and prescriptive remediation guidance.
- ▶ **Zero trust support:** Segmentation policy generation and zone monitoring through integrations with firewall, network access control (NAC), and microsegmentation tools.



Enhanced IoT Asset Intelligence

- ▶ **Rich analytics:** Obtain insights with interactive dashboards, filters, and reports.
- ▶ **Compliance audit-readiness:** Utilize reports and data export of inventory, event logs, exposures, and resolution.
- ▶ **Data sharing:** Integrate with popular network, security, asset, vulnerability and risk management, and service management systems.
- ▶ **Healthcare IoT optimization:** Collect usage telemetry to enable optimization and cost savings.

EXTENSIVE INTEGRATIONS



Security Information &
Event Management



Firewalls &
Segmentation



Asset & IT Service
Management



Vulnerability
Management



Infrastructure

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.



www.cylera.com