



Cylera

A next-gen Healthcare IoT (HIoT) cybersecurity and intelligence platform providing real-time visibility, risk analysis, threat detection, and protection for all connected medical devices, OT, and IoT in healthcare environments.

<https://cylera.com/>

Overview

Cylera is a Healthcare IoT (HIoT) cybersecurity and intelligence company that offers a purpose-built platform, MedCommand™, to solve the complex technological and operational challenges of securing and managing the entire HIoT environment in hospitals and healthcare systems. The platform is designed to protect connected medical devices, operational technology (OT), and traditional IoT devices.

Key Features and Capabilities

Cylera's platform passively delivers comprehensive, real-time security and operational intelligence. Its core capabilities include:

Comprehensive Asset Discovery & Real-time Inventory: Delivers 360-degree visibility into all managed and unmanaged connected devices on the network.

Digital Twin Technology: Uses a patented, agentless approach to learn the behavior of each medical device and create a virtual 'digital twin.' This allows for real-time notification of threats, vulnerabilities, and unusual behavior without disrupting patient care or scanning fragile devices.

Risk and Vulnerability Analysis: Provides detailed risk assessment and prioritization based on clinical, organizational, and financial impact, as well as regulatory compliance.

Threat Detection and Response: Offers real-time threat detection, including automatic identification of Zero-Day devices and protocols, and provides insights for accelerated remediation and incident response.

Network Segmentation and Policy Enforcement: Enables risk mitigation through network segmentation and policy enforcement.

Device Utilization and Operational Analytics: Benefits medical device engineering by providing deep utilization analytics, which can be used to optimize patient scheduling and medical device maintenance.

Compliance Reporting: Assists organizations in achieving and maintaining regulatory compliance.

Target Market and Value

The platform is built with and for hospitals, targeting healthcare providers with 150 or more beds, and larger networks managing multiple facilities. Cylera's unique value proposition is its strong focus on healthcare-specific threats and its ability to deliver deep security insights combined with operational intelligence to protect patient safety and improve efficiency. It is commended for its ease of use, deployment, and rapid time-to-value.

Key Features

- Comprehensive Asset Discovery & Inventory
- Digital Twin Technology for Agentless Monitoring
- Risk and Vulnerability Analysis
- Real-time Threat Detection and Response
- Network Segmentation and Policy Enforcement
- Device Utilization and Operational Analytics
- Zero-Day Device/Protocol Identification
- Compliance Reporting

Pricing

Model: enterprise

Pricing is not publicly disclosed and requires contact with the vendor for a custom quote. The solution targets medium to large enterprise healthcare organizations.

Target Company Size: medium, enterprise

Integrations

Cisco, Check Point, ServiceNow, Splunk, Illumio

Compliance & Certifications

HIPAA, SOC2, GDPR

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