

Cylera and Check Point Integration

Faster, More Complete Visibility and Security for Healthcare IoT

Deeper device intelligence, enhanced threat detection, and faster mitigation for connected medical devices



The Challenge

Healthcare delivery organization (HDOs) enterprise networks include various types of managed and unmanaged healthcare IoT and connected medical devices. These devices frequently operate with unpatched software, communicate with unsecured protocols, and are often misconfigured, making them vulnerable and easy to hack.

Furthermore, healthcare IoT and connected medical devices are invisible to IT teams, who need to know more than just a few device parameters, such as IP address. Traditional IT security products can't usually see these devices, and if they can identify some device profiles, these profiles are not adequate for accurately identifying and mitigating healthcare IoT and connected medical device weaknesses.

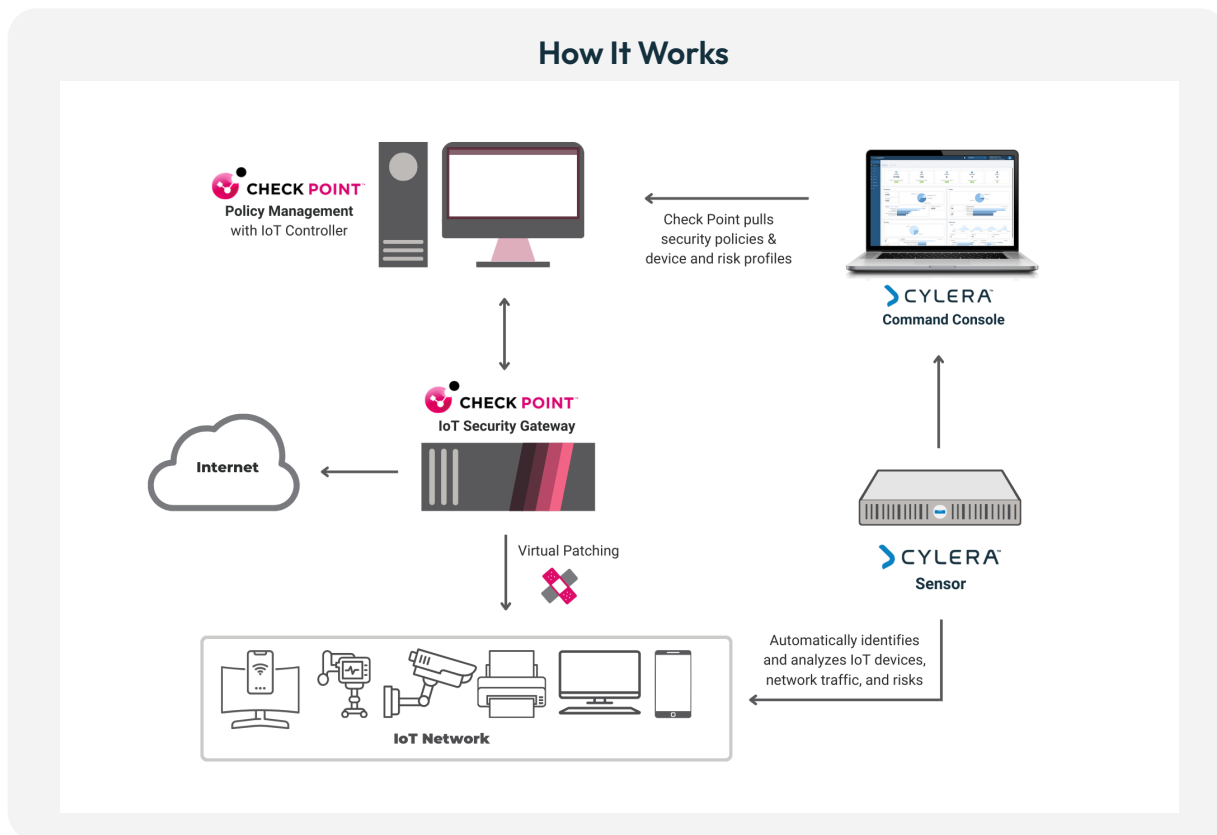
HDOs need in-depth details and knowledge of what to do with medical devices to ensure patient safety and privacy and minimize any operational disruptions to patient care.

The Solution

Cylera and Check Point have partnered together to deliver superior defense - greater depth of visibility, more vital threat detection and intelligence, and faster mitigation for healthcare IoT and connected medical devices. Combining Cylera's advanced device visibility, informed risk analysis, and continuous monitoring with Check Point's policy management and security gateways helps reduce medical device risk. This combination gives IT security teams deeper device insights that can be used to handle the digital risks identified by Cylera's patented technologies.

Benefits

- ▶ Accurately identifies devices & risk insights
- ▶ Finds security gaps & provides mitigation guidance
- ▶ 24/7 enforcement of consistent rules-based security policies on individual devices
- ▶ Faster response times with essential information to resolve incidents
- ▶ Comprehensive, single overview of entire healthcare enterprise risk status



- ▶ Cylera’s sensors continuously and passively monitor network traffic to discover and profile healthcare IoT and connected medical devices with zero disruption to patient care services and normal device operations. The Cylera platform’s patented IoT Device Emulation™ and Adaptive Data Type Analysis™ provide the industry’s deepest, most accurate device profiles.
- ▶ New or updated healthcare IoT and connected medical device profiles from Cylera are shared with Check Point’s security management, allowing complete visibility within the Check Point Smart Console. This allows the user to see wired client(s) and all healthcare IoT devices on the network.
- ▶ Any policies configured in the Cylera dashboard are forwarded to Check Point for enforcement, giving users an easy way to enforce network rules for healthcare IoT devices.

Summary

Check Point and Cylera joint customers can more easily and quickly identify and enforce security across IT and clinical ecosystems with zero disruption to care. The Cylera - Check Point IoT Security Gateway becomes more fully informed of the full range of healthcare IoT and connected medical devices. It also helps IT organizations leverage existing infrastructure to reduce risk and safeguard operations.

Greater visibility and insights about the devices connected to the enterprise gives IT teams a resource-efficient and clinically-aware way to identify assets and examine them fully for best defense posture, policies, and overall digital risk protection without any disruption to physical devices or patient care delivery.

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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