Cynerio

Healthcare IoT Cybersecurity Platform

Secure. Faster.

Protecting Patients and Institutional Reputation with Healthcare IoT Security

Secure your healthcare facility's medical and IoT devices to reduce your risk, safeguard your reputation, and prevent fiscal fallout.

Medical and IoT devices are extremely vulnerable and healthcare facilities are the Number One target for cyber attackers. **Getting exposed by a cyber attack isn't a matter of if, but when.** A data breach can jeopardize patient lives and make it difficult to provide quality care.

A cyber attack can cause total facility shutdown, disrupt access to medical devices and systems, steal medical records, and demand millions in ransomware payments. Historically, data breaches have caused a significant negative impact on organizational reputation.

$157M

in ransomware damages since 2016

Read more >

300%

rise in healthcare cyber attacks since the beginning of 2020

Read more >

90%

of all healthcare organizations have reported an attack

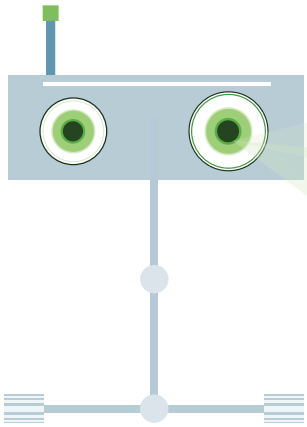
Read more >

Healthcare is our only focus

Our mission is simple: protect healthcare's weakest link to **ensure patient safety, data confidentiality, and service availability.** Our full-suite Healthcare IoT cybersecurity platform automates end-to-end, continuous asset discovery for every connected medical, IoT device, and OT system in the clinical ecosystem. We view cybersecurity as a standard part of patient care and cover every threat vector with proactive and preemptive attack prevention tools, automated risk reduction, threat mitigation, and step-by-step remediation programs built on the NIST Zero Trust framework to get healthcare facilities secure fast.

A Healthcare IoT cybersecurity leader

Our unique approach to Healthcare IoT cybersecurity has been recognized by top analyst firms. We were named as a Gartner Cool Vendor in the prestigious 2020 Cyber-Physical Systems Security Report, and were recognized as an industry Leader by Forrester in their 2020 Connected Medical Device Securityreport.



Full visibility into every medical and IoT device

Healthcare facilities need to manage thousands (often tens of thousands) of connected devices. Inventorying and profiling them manually isn't possible, especially when traditional IT solutions can't recognize medical or IoT devices.

We provide continuous end-to-end and continuous asset discovery with full visibility into every connected device (medical, IoT, and OT systems) across the clinical ecosystem, including those hidden behind firewalls, terminal servers, and connectivity engines. We automatically map their communications patterns and profile each device's characteristics to enable effective and proactive asset management across diverse healthcare ecosystems of every size and structure.

We're here to help protect your bottom line

- Secure mission-critical assets to decrease organizational risk and safeguard your reputation
- Ensure compliance and governance with continuous monitoring and auto-generated reports
- Lower financial risk and loss with robust threat protection and risk mitigation
- Assist with emergency preparedness and achieve more with fewer resources

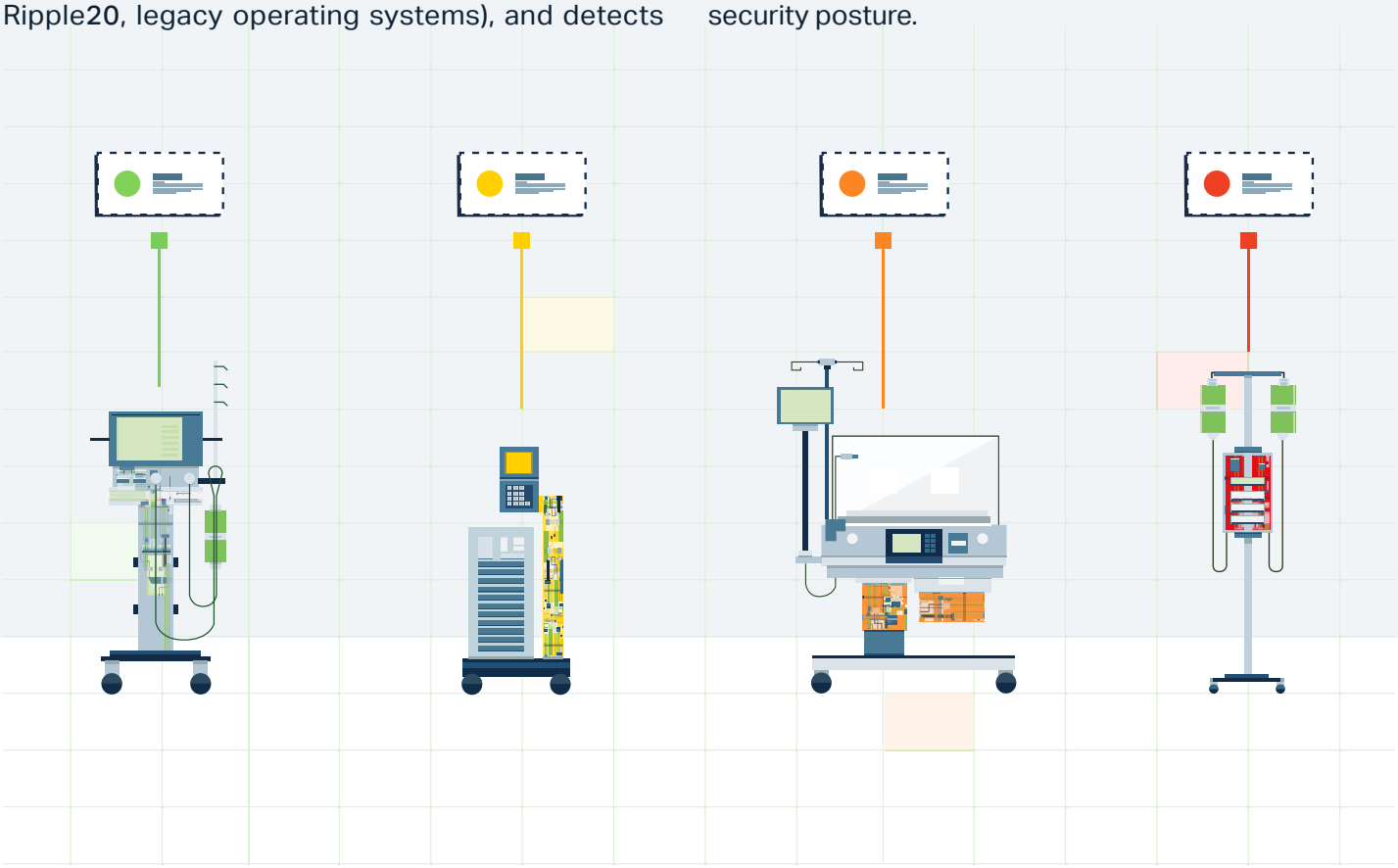
FORRESTER®

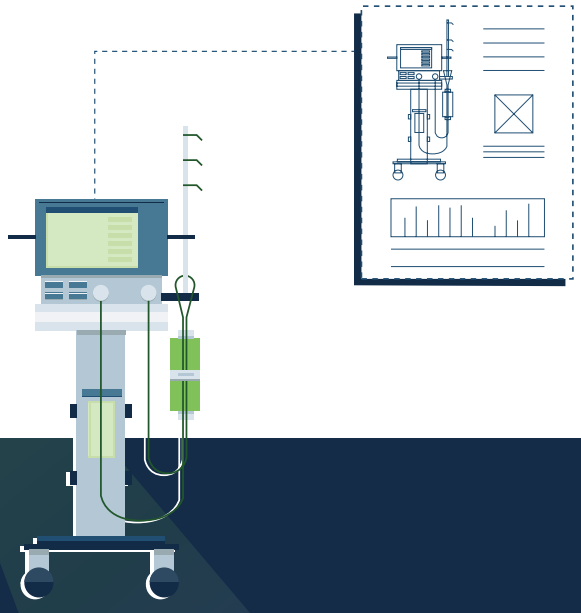
Cynerio offers strong insight into medical device activity and correlations between device telemetry, clinical workflow, and external threat feeds. Unique offerings include MITRE ATT&CK mapping, deception technologies, and MDS²intake. Its UI is also one of the easiest to navigate."

Automated risk assessment

Medical and IoT devices are extremely susceptible to cyber attacks. However, many can't be taken offline due to their mission criticality, and removing them from the network would disrupt clinical workflows and medical care.

Cynerio's clinically-intelligent Impact Modeling identifies threats and vulnerabilities (e.g. URGENT/11, AMNESIA:33, Ripple20, legacy operating systems), and detects anomalies. Then, we calculate risk scores and prioritize based on each device's clinical impact and criticality. We aggregate static and dynamic data to cross-reference information from internal and external sources, including FDA recalls, registered vulnerabilities (CVEs), and live network behavior against healthcare benchmarks to give you an accurate view of your organizational security posture.





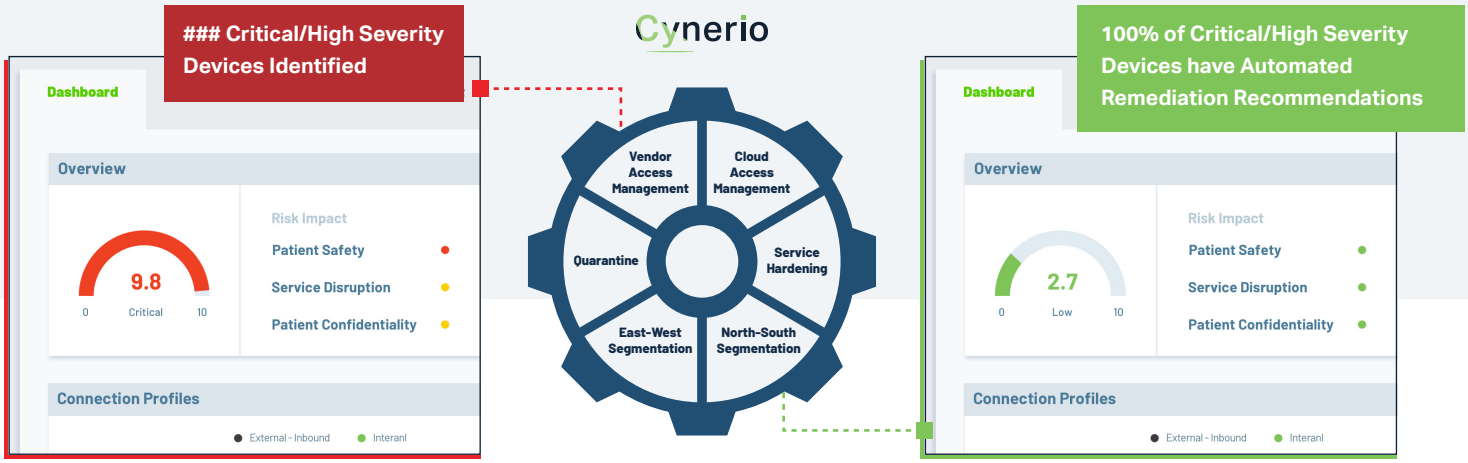
Compliance and Governance

Easily demonstrate regulatory compliance and governance with automatically-generated reports on everything from inventory on every connected asset, vulnerabilities and at-risk devices, to alerts and treated risks.

Threat prevention and preemptive security

Cynerio protects your critical medical and IoT assets with actionable mitigation plans that proactively reduce organizational risk and decrease the attack surface. Our clinically-intelligent AI detects anomalies and our **Zero Trust Security Suite™** restricts access to devices and stops attacks in their tracks.

Risk Mitigation Modeling™ and myriad security tools auto-generate operationally-safe segmentation and security policies and actively monitor violations based on the NIST Zero Trust framework. Our system gives your teams total control over policy enforcement with robust validation capabilities and end-to-end risk mitigation plans tailored to your unique network architecture that help reduce organizational risk and boost security posture.



Seamless integration with existing IT infrastructure

Our dynamic platform adapts and integrates with your existing IT solutions and infrastructure to optimize the investments you've already made.

Firewall

Check Point SOFTWARE TECHNOLOGIES LTD. · FORTINET · paloalto NETWORKS

Asset Management/ITSM

nuvolo · ivanti · servicenow

NAC

CISCO · FORTINET · ForeScout

Vulnerability Scanners

RAPID7 · Nessus

Network Management

Gigamon · CISCO

Real-Time Locating Systems (RTLS)

midmark · CENTRAK

SIEM

splunk> · IBM QRadar

For more information, visit us at www.cynerio.com

Forrester Wave Leader 2020

Gartner Cool Vendor 2020