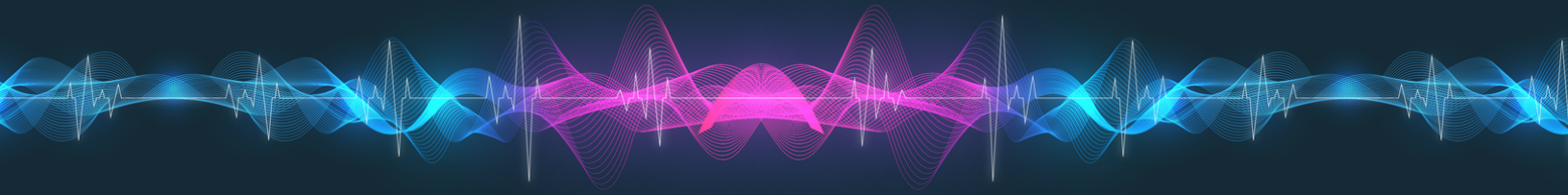**›CYLERA**™

CYLERA + VIAKOO
AUTOMATICALLY DISCOVER AND REMEDIATE UNMANAGED AND IOT DEVICE RISKS

Cylera IoT Cybersecurity Platform for Healthcare
SAFEGUARDING WHAT MATTERS MOST™

Enterprise healthcare networks include hundreds of unmanaged, connected medical and other IoT and devices. These devices frequently operate with unpatched and vulnerable software, communicate insecurely, and are often unmanaged, making them easy to hack and a prime target for criminals. Organizations need in-depth details and knowledge of their asset inventory to effectively identify and remediate risks, achieve and maintain compliance, and minimize operational disruption to business continuity.

The Integrated Solution

Cylera's MedCommand Platform™ provides organizations with advanced device visibility, informed risk analysis, and continuous monitoring to ensure superior protection against cyber threats. MedCommand continuously and passively monitors network traffic via its IoT Device Emulation™ and Adaptive Data Type Analysis™ engines to provide the industry's most accurate device profiles. The platform also provides a comprehensive overview of network traffic, tracking each connected device and data flow in real-time to detect vulnerabilities and create an informed risk and device analysis with unrivaled accuracy.

The Viakoo Action Platform™ is then able to use this information to passively remediate risks on devices, ensuring they are operational, secured, and working as expected. Viakoo's solution delivers an automated and scalable solution to remediate the risks by automatically updating firmware and managing certificates and passwords at scale.

Using bi-directional data sharing, Cylera and Viakoo are able to share device information, providing a comprehensive, automated approach to device identification, risk analysis and remediation. This ensures that asset managers, IT staff, and security teams have all the information they need about every device, managed and unmanaged, on their network.

JOINT SOLUTION BENEFITS:

✅ **Better Visibility**
Accurately identifies and classifies devices and risk insights.

✅ **Advance Protection**
Remediates all IoT devices and security gaps in your network.

✅ **Passive & Agentless**
Zero impact on your organization's network with no operational or business disruption.

✅ **Easy to Deloy**
Setup in minutes with no back-end coding requirements or additional costs.

✅ **Meet Compliance**
Easier to prove and pass corporate or regulatory audits

Meet Compliance

As a tightly integrated solution, Cylera and Viakoo help organizations to meet compliance requirements faster and with higher levels of accuracy. Cylera's Digital Twin technology enables historical views and risk analysis, creating detailed logs and an audit trail to help organizations adhere to regulations and prove compliance.
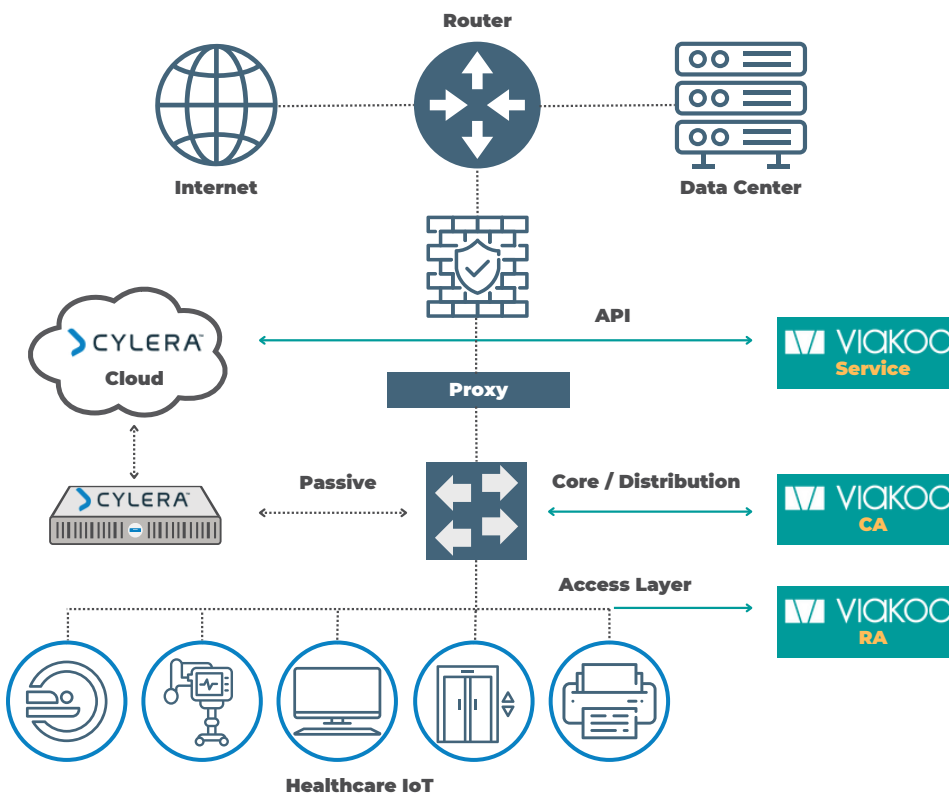
Cylera - Viakoo Deployment Architecture

Figure 1: Cylera and Viakoo Architecture

Summary

By combining forces, the joint Cylera and Viakoo solution can transform a vulnerable and chaotic healthcare IoT/OT environment and make it immediately visible and understood. This joint solution provides organizations with detailed visibility, in-depth network insight, comprehensive end-to-end protection, automated risk remediation, and push-of-the-button reporting that helps organizations comply with various compliance regulations and to rapidly reduce their attack surface.

VIAKOO

Viakoo provides secure solutions to connected enterprises. With their Agentless Action Platform, distributed unmanaged and IoT environments are kept safe, continuously operational and at a low cost. Automated device cyber hygiene is updated with firmware, passwords and certificates for maximum security posture and performance standards. Viakoo Inc., located in Mountain View, California, is a leader in cyber hygiene for connected devices.

CYLERA

Cylera is a pioneering agentless medical and healthcare IoT device (IoMT) cybersecurity and intelligence platform. Its mission is to "safeguard what matters most." It does this by securing patient care, patient safety, business continuity, and the confidentiality, integrity, and availability of healthcare data and systems. Cylera is a privately held company headquartered in New York City with offices in Cheltenham, U.K., and Madrid, Spain. Its platform development takes place entirely in the United States.