CYLERA™

SOLUTION BRIEF

Cylera Support for CAF-aligned DSPT

Successfully Meet CAF Objectives

Instant, automated insights for complete visibility into your current compliance status

The Challenge

NHS hospitals face significant challenges in complying with the new Cyber Assessment Framework (CAF). Prior Data Security and Protection Toolkit (DSPT) versions focused on data protection, confidentiality, and information governance. However, the new CAF-aligned DSPT covers broader cybersecurity aspects, such as risk management and incident response, and is more comprehensive than previous versions.

The new CAF-aligned DSPT focuses on achieving specific security outcomes rather than prescribing detailed controls. It has also moved away from self-assessment and towards independent audits to ensure compliance and verify cybersecurity control effectiveness. As a result, the new CAF-aligned DSPT sets a much higher bar than previous versions.

The Solution

The Cylera platform helps NHS Trusts speed compliance with the new CAF-aligned DSPT by providing a comprehensive healthcare IoT asset intelligence and cybersecurity solution. Device and network profiling capabilities provide complete visibility into connected medical devices and enable continuous vulnerability identification and risk management. Automated network segmentation policy generation, coupled with firewall and NAC integrations, ensures sensitive data and critical systems are secure. Advanced threat detection and response capabilities support quick cyber threat identification and mitigation. The platform also generates the documentation and reports required for audits. With Cylera's expertise, NHS Trusts can enhance their cybersecurity posture, meet CAF-aligned DSPT requirements, and protect patient data effectively.

Benefits

- Ensure Compliance: Meet new CAF-aligned DSPT requirements to avoid penalties and demonstrate your hospital's commitment to data security and secure care delivery
- Streamline Processes: Standardize and automate security process to reduce the manual effort require to produce audit artifacts and minimize errors
- Manage Risk Effectively: Proactively identify and mitigate potential vulnerabilities and threats before they become significant issues that disrupt care delivery
- Optimize Resources: Better allocate and utilize resources and ensure efforts are focused on critical areas that need the most attention

American Hospital Association™ Preferred Cybersecurity Service

Successfully Meet CAF Objectives

How Cylera Supports CAF-aligned DSPT Compliance

UK National Cybersecurity Centre Cyber Assessment Framework
Objective A - Managing Security Risk **A1:** Governance **A2:** Risk Management **A3:** Asset Management **A4:** Supply Chain
Objective B - Protecting Against Cyber Attack **B1:** Service Protection Policies, Processes, and Procedures **B2:** Identity and Access Control **B3:** Data Security **B4:** System Security **B5:** Resilient Networks and Systems **B6:** Staff Awareness and Training
Objective C - Detecting Cybersecurity Events **C1:** Security Monitoring **C2:** Proactive Security Event Discovery
Objective D - Minimising the Impact of Cyber Security Incidents **D1:** Response and Recovery Planning **D2:** Lessons Learned
Objective E - Using and Sharing Information Appropriately **E1:** Transparency **E2:** Upholding the Rights of Individuals **E3:** Using and Sharing Information **E4:** Records Management

- Device Discovery and Profiling: Automatically detects and profiles every healthcare IoT device, ensuring comprehensive visibility and control over the network. This aligns with the CAF's emphasis on asset management and supply chain management, and is an essential first step for identifying vulnerabilities and risks.
- Vulnerability and Risk Management: Identifies and helps mitigate known vulnerabilities, reducing the likelihood of threat actors exploiting these weaknesses. This aligns with the CAF's emphasis on continuous improvement and effective risk management.
- Threat Detection and Response: Delivers enhanced threat detection and response capabilities, enabling healthcare organizations to quickly identify and respond to cyber threats. This is critical for maintaining the security and resilience of healthcare services, and aligns to CAF's emphasis on detecting cyber events and minimizing the impact of cyber security incidents.
- Network Segmentation and Protection: Provides the automated support required to enable network segmentation and zero trust frameworks through its network segmentation policy generation engine and integrations with leading firewall and network access control (NAC) solutions. Hospitals can isolate sensitive data and critical systems, prevent unauthorized access, and limit malware spread and other cyber threats. This aligns with CAF's emphasis on protecting healthcare devices from cyber attacks.
- Compliance Support: Generates the necessary documentation and reports needed to help NHS Trusts provide the audit artifacts needed to meet UK compliance requirements, including CAF-aligned DSPT requirements.

Representative NHS Trusts

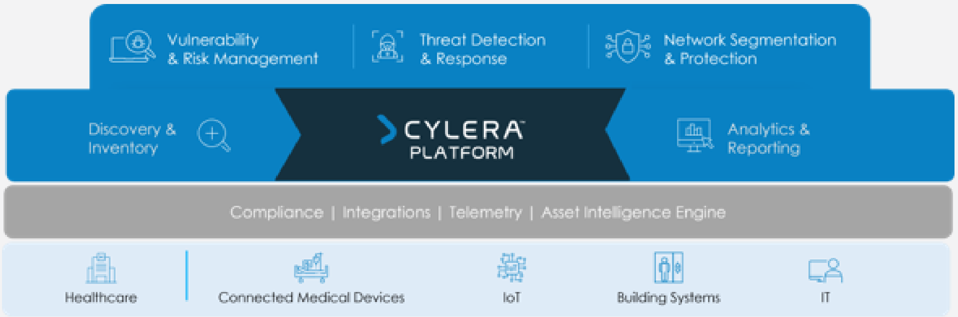
NHS
Blackpool Teaching Hospitals
NHS Foundation Trust

NHS
The Christie
NHS Foundation Trust

NHS
Dartford and Gravesham
NHS Trust

NHS
Bolton
NHS Foundation Trust

NHS
Epsom and st Helier
University Hospitals
NHS Trust


Vulnerability & Risk Management
Threat Detection & Response
Network Segmentation & Protection
Discovery & Inventory
CYLERA PLATFORM
Analytics & Reporting
Compliance | Integrations | Telemetry | Asset Intelligence Engine
Healthcare
Connected Medical Devices
IoT
Building Systems
IT

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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