

The next phase in **NHS cyber resilience.**

A proven pathway to Secure Boundary 2.0 – aligned to your national strategy and unique cyber defence needs.

The NHS has made great strides in cybersecurity. But evolving threats need smarter solutions, stronger countrywide coordination, and a unified platform.

Together, we can make sure you're fit to Defend as One against the threats of tomorrow.



Change can't wait.

The NHS finds itself looking towards Secure Boundary 2.0 at a time when the threats you face have never been more targeted, sophisticated, or damaging.

An increasing reliance on digital services, budget constraints and an overstretched workforce add to the challenge of protecting your people, patients, and sensitive data from the multitude of threats you face on a daily basis.

As your trusted partner, Palo Alto Networks understands not only the complexity of your infrastructure but the high stakes you contend with on a daily basis – with every disruption potentially putting patient data at risk and delaying critical care.

This is no time to hit reset:
It's time for a considered
evolution of your
cybersecurity strategy.

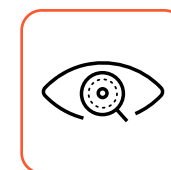
A platform for protection against the greatest risks and harms.

The starting point for any effective cybersecurity strategy is visibility. You need to understand the known risks you face, along with any system-wide vulnerabilities that may impact delivery of services and patient care.

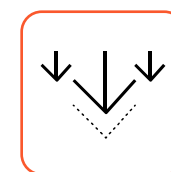
Simple data sharing, common language, and clear communication are vital to building a complete picture of your risk and protections.

In this environment, complexity is the enemy of security.

The NHS needs a centralised solution that can:



Gain proactive visibility and control.



Neutralise threats before they reach critical systems.



Safeguard sensitive patient data across the entire estate.



Defend as One with a single, centralised platform.

Palo Alto Networks can help. Our unified platforms across network, cloud and security operations remove complexity from your IT environment.

In turn, you will have the foundation to drive Zero Trust and proactive defence – transforming disparate, siloed solutions into integrated healthcare cybersecurity.

Building a future-ready foundation for the NHS.

With hundreds of Trusts and multiple departments across national, regional, and local levels, we know the NHS is not a single organisation. But with disconnected systems, complex infrastructure, patchwork controls, and legacy tools opening the door to cybercriminals and vulnerabilities, it's vital that you Defend as One.

Success is not just secure. It's smart, scalable, and integrated – with a centralised platform to reduce complexity and duplicated effort.



Consolidated protection for your people and data

- Built-in Zero Trust access control, advanced threat prevention and integrated DLP safeguard sensitive patient records.
- A single cloud-delivered service reduces complexity and frees up NHS IT teams.
- Automation reduces the burden on staff, lowers costs, and removes repeatable risks.

Built for the future and tailored to your cybersecurity pillars

- Future-proof your security with a continuously updated, scalable, cloud-native architecture that evolves with NHS needs.
- Defend as One with seamless migration of existing trusts for rapid value realisation of the Secure Boundary 2.0 rollout.
- A flexible architecture adapts to new systems, AI models, applications, and endpoints while our AI detects and contains threats in real time.

A cybersecurity platform that's greater than the sum of its parts

Palo Alto Networks provides an unparalleled and comprehensive AI-powered cybersecurity platform perfectly suited to protecting the NHS. By unifying your security environment, we give you the foundation you need to Defend as One.

As your strategic partner, we'll support your continued shift seamlessly towards cloud-based, digital-first solutions that align with your cyber strategy – so you can not only succeed but thrive within a highly sensitive sector.



We're already delivering at scale for the NHS.

Let's go further – together.

The Secure Boundary is helping to ensure the confidentiality, integrity and availability of patient data, while protecting clinical and business systems from emerging threats.

With our Next-Generation Firewalls (NGFW) at the heart of this initiative, we've shown that it's possible to drive transformational outcomes at national scale.

Working hand-in-hand with the NHS, we delivered a national foundation that's already improving visibility and performance:

- Improved time-to-detect metrics.
- Reduction in security admin burden.
- "Trusted delivery partner" reputation.

With Secure Boundary 2.0, we can:



Protect your people

Build on our deep-rooted relationship and active support for more than 100 NHS Trusts across England and 1 million users across the Health & Social Care Network.



Protect you everywhere

By leveraging our membership in Industry 100 to identify systemic vulnerabilities and collectively mitigate the impact of cyber attacks across the healthcare landscape.



Protect your future

Secure Boundary 2.0 delivers next-level GenAI-powered cyber protection to defend the NHS against new, advanced threats in 2025 and beyond.

Strategic, scalable, and built for long-term NHS needs.

As a vital pillar of your cybersecurity infrastructure, we're committed to delivering on your outcomes, not outputs, and we understand what it takes to secure the digital future of the NHS.

Our platform approach, proven track record, and adherence to global and UK healthcare best practices means we're perfectly placed to help you Defend as One.

Giving you:

- Secure cloud adoption.
- Consistent security as you pursue service localisation.
- Centralised threat detection and remediation.
- Maximised efficiency and reduced cost-to-run of security investments.



By 2028, 50% of new SASE deployments will be based on a single-vendor SASE Platform offering, up from 30% in 2025".

Gartner



By 2028, 70% of SD-WAN purchases will be part of a single-vendor SASE Platform offering, up from 25% in 2025".

Gartner

Together, we'll keep the NHS secure.

Secure Boundary 2.0 is an opportunity to build on our strong foundations and increase:



Visibility – with greater insight into network traffic, so NHS organisations can better manage their own risk.



Intelligence – giving Trusts the tools and insight to respond quickly to cyber attacks and incidents.



Value – a single, consolidated platform for easier planning and better value for money for the NHS.



Together, we can make sure the NHS is fit to Defend as One against the threats of today – and long into tomorrow.

Let's define, design, and deliver Secure Boundary 2.0.

Contact your [Account Manager](#) to get started.

See how we measure up in the [Gartner Magic Quadrant](#)
Find out how we'll [help the NHS maintain trust in the digital age](#)
Explore the [future of working in care with Palo Alto Networks](#)