



SANGFOR



**Sangfor
Athena MDR**

Sangfor Athena MDR (Managed Detection and Response) for Healthcare

Your Cybersecurity Medic for Secure
Healthcare Operations





Healthcare’s Cyber Threat Epidemic

As healthcare becomes more digital, with medical systems and patient records increasingly online, cybercriminals are taking advantage of this shift. Ransomware groups, in particular, target healthcare because they know hospitals and clinics can’t afford disruptions when lives are on the line.

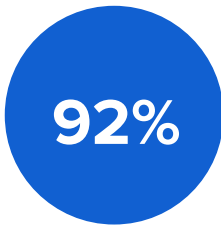
For these attackers, healthcare’s urgency is leverage—every minute a system is down impacts patient care, leaving many organizations feeling pressured to pay ransoms to restore access.

Beyond operational risks, healthcare providers handle highly sensitive patient data, with any breach carrying both severe regulatory consequences and loss of trust. A recent Microsoft study on U.S. healthcare reported a 300% increase in ransomware attacks in 2024, noting that:

“Healthcare institutions suffer from low cyber security priority in many angles leading to an easy target whilst holding many confidential and precious personal data.”



The “low cybersecurity priority” in healthcare is evident in factors like limited budgets for cybersecurity, a shortage of skilled security professionals, and a lack of awareness about the impact of cyberattacks. This prioritization imbalance - where cybersecurity investments lag behind medical initiatives, has led to heightened risks of cyberattacks on healthcare institutions. The Ponemon Institute’s latest “2024 Study on Cyber Insecurity in Healthcare” reinforces these findings, reporting a troubling trend of underinvestment and increased vulnerability across the sector. Other notable observations in the report include:



of organizations in this research had at least one cyberattack over the past **12 months**



is the average total cost for the single **most expensive** cyberattack experienced over the past 12 months



surveyed healthcare organizations report **patient care disruptions** from cyberattacks

Source: 2024 Study on Cyber Insecurity in Healthcare

To put these statistics into perspective, here are three examples of recent cyberattacks that reveal the very real impact on healthcare:



1. Change Healthcare Ransomware Attack

📅 February 2024

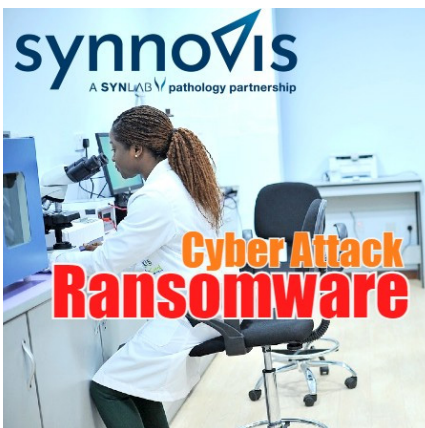
Change Healthcare, a major US provider of healthcare technology services, suffered a ransomware attack that compromised the personal information of approximately 100 million individuals. The financial repercussions were substantial, with reported total costs reaching nearly \$2.87 billion for the year.



2. Ascension Health Attack

📅 May 2024

The Black Basta ransomware attack crippled the IT systems of Ascension Health in the US, delaying life-critical treatments and cancer tests, directly impacting patient care. With thousands of patient records locked, appointments and urgent diagnoses were postponed, putting vulnerable patients' lives at risk. The attack was caused by an accidental download of a malicious file by an employee, highlighting the importance of proactive monitoring and quick response against cyber threats.



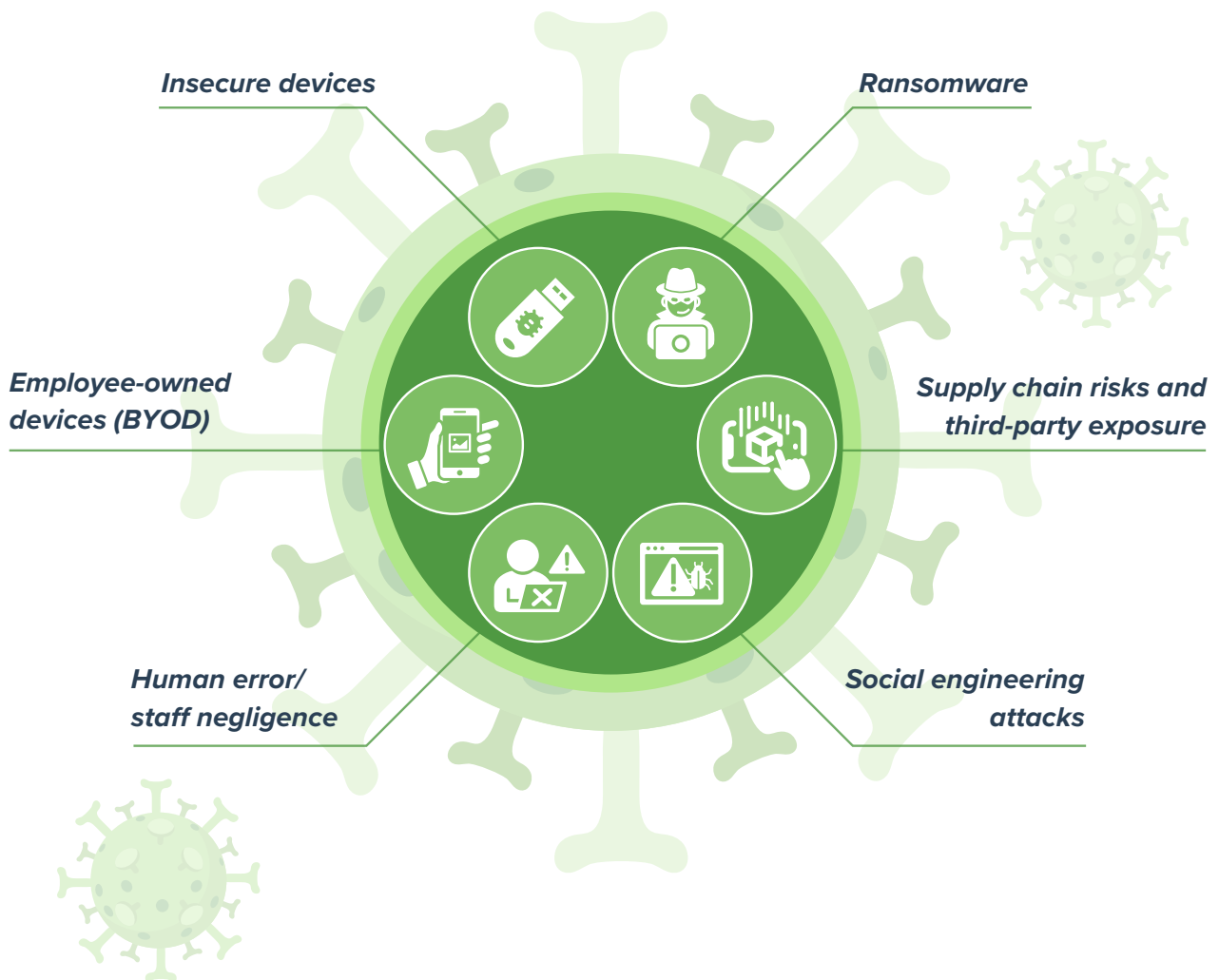
3. Synnovis Laboratory Breach

📅 June 2024

Russian hackers targeted Synnovis labs, compromising up to 300 million NHS patient records in the UK, and halting essential services, including cancer treatments and organ transplants. Thousands of procedures were delayed, creating life-threatening situations for critically ill patients. When the £40 million ransom was refused, patient data was exposed on the dark web, further endangering privacy and trust in the healthcare system.



In terms of specific threats, the Ponemon study reveals that top cybersecurity concerns were almost equally rated among **6 main risks**



This distribution reflects the complexity of the threat landscape, where attacks can originate from multiple sources, creating numerous entry points that deeply concern IT management and stakeholders in healthcare.

To combat this cyber threat epidemic facing the healthcare industry, organizations need a solution that addresses these diverse challenges. It requires a comprehensive approach that works within **limited budgets, compensates for the shortage of cybersecurity talent, and secures multiple entry points**, ensuring the safety of both patient data and critical medical operations.



Sangfor Athena MDR

Your Cybersecurity Medic for Secure Healthcare Operations

As healthcare faces rising cyber threats, traditional security solutions alone are often inadequate for the unique demands of medical institutions. Sangfor Athena MDR (Managed Detection and Response) service offers a comprehensive solution by outsourcing critical security operations to Sangfor's dedicated team of cybersecurity experts.

Through Athena MDR, healthcare organizations gain access to 24/7 continuous monitoring, advanced threat detection, and rapid response services. This tailored approach delivers Sangfor's specialized expertise, proprietary technologies, and proven security methodologies, bridging the gap created by limited in-house talent, resources, and budgets. The solution can also be fully deployed and operational within seven (7) days, offering a fast and easy approach to significantly improve security posture and resilience against any cyber threats.



Just as healthcare provides care for patients, your organization deserves the same level of care for its security. Sangfor Athena MDR safeguards your systems, allowing your practitioners to focus on saving lives while we protect your operations from cyber threats.”





Here's how Athena MDR addresses the key challenges healthcare institutions face



01

Customizable and Value-Driven Service

Athena MDR is a single-package solution with all the essential features, eliminating the need for multiple separate tools and their associated licensing and management costs. The service is fully customizable to fit your organization's specific needs, ensuring robust protection without unnecessary add-ons that strain limited budgets.



02

Access to Cybersecurity Expertise

Our service provides 24/7 access to a large pool of over 400 cybersecurity experts, helping to alleviate the pressure of recruiting and retaining skilled professionals.



03

Advanced Threat Detection and Rapid Response

Athena MDR uses advanced detection technologies to identify threats across all attack vectors. The service includes continuous monitoring, allowing for swift response to security incidents and ensuring patient data and critical systems remain protected with 24/7 support by our security expertise.

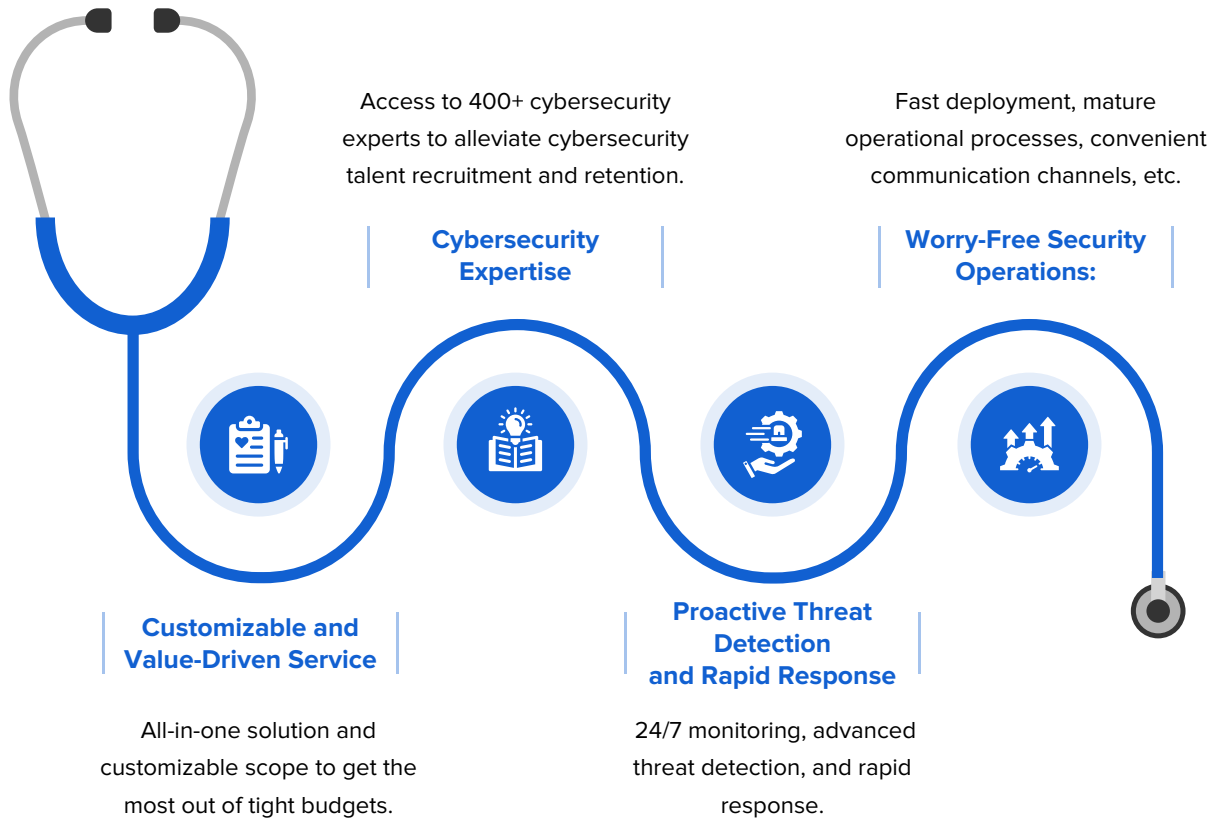


04

Worry-Free Security Operations

Athena MDR enables fast deployment, leverages mature operational processes, and provides regular updates, allowing healthcare IT teams to focus on core operations instead of managing complex security operations.

Addressing Healthcare Cybersecurity Challenges with Athena MDR Service



Athena MDR Service Scope

Athena MDR uses proprietary technology to collect only essential security-related data, minimizing exposure to sensitive information. We offer flexible options to tailor the service to your needs, avoiding unnecessary technology costs.

Technology Component Options

Sangfor NGFW (Next-Generation Firewall)	Sangfor NDR (Network Detection and Response)
Sangfor Athena STA Sensor	Sangfor XDR (Extended Detection and Response)
Sangfor EPP (Endpoint Protection Platform)	Third-party Tools



Service Elements

Onboarding	<ul style="list-style-type: none"> ✓ Service onboarding assistance ✓ Internal process understanding and alignment
Threat Detection and Verification	<ul style="list-style-type: none"> ✓ Multi-layered threat detection ✓ Security expert verification ✓ Suspicious asset detection ✓ Review and verification of all alert severity levels with no limits on event counts
Incident Response and Resolution	<ul style="list-style-type: none"> ✓ Unlimited Incident Response (IR) service ✓ Remote response assistance for fast and convenient resolution
Support and Communication	<ul style="list-style-type: none"> ✓ Two-way communication with a dedicated security analyst ✓ Dedicated Customer Success Manager (CSM/PIC) ✓ Customizable preferred communication channel ✓ MDR Customer portal (upon request)
Security Maintenance	<ul style="list-style-type: none"> ✓ Periodic security device health checks ✓ Security device policy configuration checks

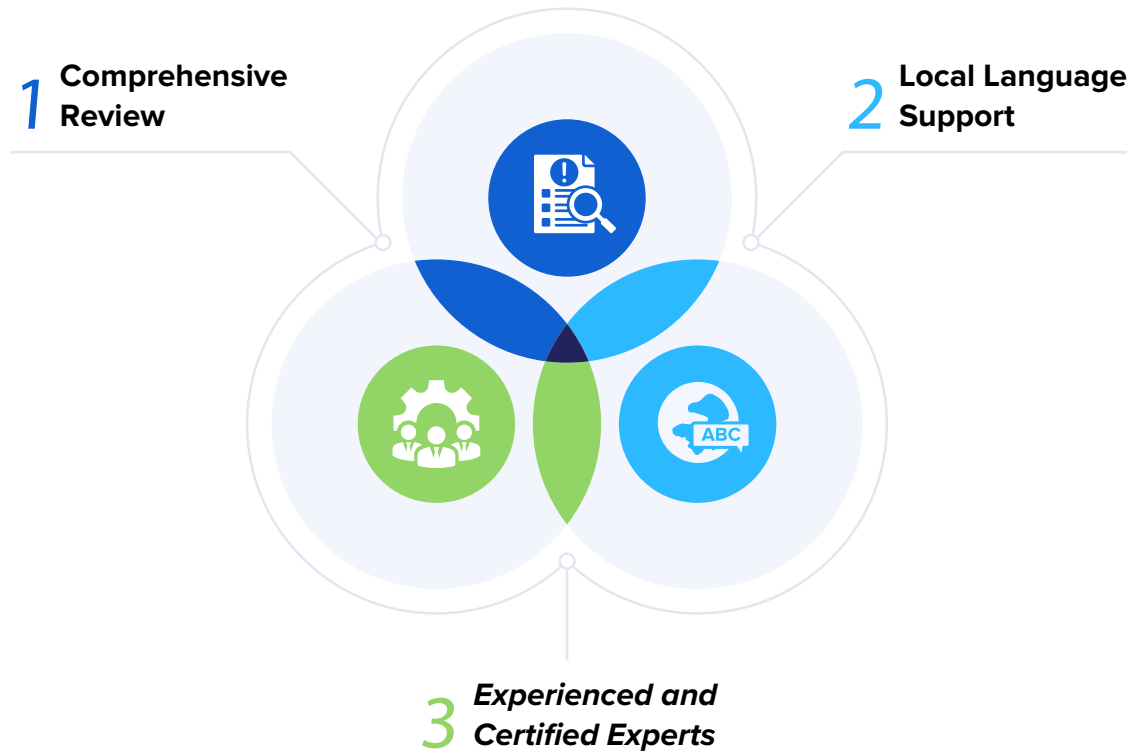
For additional details or customization requests, please contact us to discuss how Athena MDR can be tailored to meet your healthcare organization’s unique security requirements.

Sangfor Athena MDR Competitive Advantages

Sangfor Athena MDR combines all the essential tools, strategies, and resources to keep healthcare organizations secure from new and advanced cyber threats. We focus on providing rapid deployment, robust protection, and adaptable service models so you can concentrate on your core healthcare mission.



Reliable and Comprehensive Protection



Comprehensive Review

All alerts, regardless of severity, are verified against external sources to detect attacks, including complex techniques like using common commands to bypass algorithms. Our analysts investigate all alerts without extra charges, no matter the volume.

Local Language Support

Sangfor's wide global physical presence allows our regional offices to communicate in your preferred local language and provide on-site support whenever required.

Experienced and Certified Experts

Our security analysts hold certifications from leading bodies, including Offensive Security, CREST, ISACA, EC-Council, ISC2, Cloud Security Alliance, and more, ensuring highly qualified and skilled defenders. With diverse backgrounds in offensive and defensive security and security solution development, our experts identify threats quicker and more accurately.



Service Flexibility



Customizable Service Coverage

Customize the service to fit your requirements, such as 24/7 monitoring for the network, endpoints, or both. A business-hours option (8/5) is also available for support during high-traffic periods.



Dedicated Contact Person

Every customer is assigned a dedicated Customer Success Manager (CSM) as their main point of contact for service inquiries, updates, or alerts. This ensures quick and consistent communication without the need to remember multiple contacts.



Collaboration with Preferred Partners

We offer the option to work with your preferred partners to deliver the service in selected areas.

Simplified Deployment & Delivery

1

Comprehensive Onboarding & Fast Deployment: At the start of the service project, our MDR service establishes governance, thoroughly understands your environment and pain points, and tailors service delivery to meet their requirements and expectations. With full support from Sangfor and partners, deployment and configuration are completed within seven (7) working days, allowing your IT team to quickly shift focus back to their core responsibilities.



Regular Reporting: Our weekly, monthly, and quarterly MDR reports highlight critical issues and incidents, providing actionable insights to improve security posture and avoid harmful disruptions.

2

3

Streamlined Operations: By leveraging Athena MDR's tested and proven standard operating procedures, you bypass the complexity of building security operations from scratch, including recruiting and retaining talent, optimizing processes, and evaluating technology.



Contact Us Now

to explore how else Sangfor Athena MDR addresses your challenges and requirements to keep your organization safe from cyber threats and attacks at all times.





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AVAILABLE SOLUTIONS

Cybersecurity

Athena NGFW - Next Generation Firewall

Smarter AI-Powered Perimeter Defense

Athena EPP - Endpoint Protection Platform

The Future of Endpoint Security

Athena SWG - Secure Web Gateway

Secure User Internet Access Behaviour

Athena NDR - Network Detection and Response

Intelligent Detection and Response Platform

Athena XDR - Extended Detection and Response

The Best Fusion of SecOps and GenAI

Athena MDR - Managed Threat Detection & Response Service

The Cyber Guardian of Your Business

IR - Incident Response

Sangfor Incident Response – One Call Away

TIARA - Threat Identification, Analysis and Risk Assessment

Smart Threat Analysis and Assessment

Athena SASE - Secure Access Service Edge

The Smarter, Simpler, and More Secure Way to Connect

SD-WAN

Boost Your Branch with Sangfor

Cloud Computing

HCI - Hyper-Converged Infrastructure

Fully Converge Your Data Center

VMware Alternative

The Ideal Platform to Streamline Your off-VMware Journey

aDesk - Virtual Desktop & Virtual App Solutions

Seamless Experience, Secure and Efficient

EDS - Enterprise Distributed Storage

The Only Secured Data Storage You Need

MCS - Managed Cloud Services

Your Exclusive Digital Infrastructure



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