

M8 Solutions
DELIVERING
TECHNICITY WITH
INTEGRITY



Building Cyber Resilience Through Trusted Partnership

Consultancy Services Delivered by M8 Solutions

WHY M8 SOLUTIONS FOR CYBER SECURITY CONSULTANCY?

Strategic Cyber Security strategy, leadership and protection, delivered by experts without the overheads of in-house resources.

THE IMPORTANCE:

Effective cyber security is fundamental to protecting an organisation's information assets and ensuring digital services remain safe, resilient, and trusted. In an increasingly complex threat landscape, strong leadership, clear strategy, and informed decision-making are essential to maintaining regulatory compliance and supporting organisational objectives. M8 Solutions' cyber security consultancy services provide expert-led insight, practical assurance, and strategic guidance.

THE M8 SOLUTIONS DIFFERENCE:

Our cyber security services provide experienced, senior-level guidance without the complexity of additional permanent roles, integrating seamlessly with your existing teams to strengthen your organisation's security posture. We deliver a comprehensive, flexible range of services tailored to your operational needs, helping build resilience against evolving cyber threats while remaining aligned to strategic and regulatory objectives. The following pages outline the key areas our cyber security services can support, with each element adaptable to your organisation's size and maturity.

“Security is not optional - it is essential. In a world where threat actors move fast, your defences need to move faster.”

○ Tom Duffell,
Cyber Security Specialist.
M8 Solutions



Cyber Security Consultancy Services

Chief information security officer-as-a-service (cisoaaS)

- Delivering remote CISOaaS or CISO on-demand, providing cost-effective strategic cyber security leadership tailored for the NHS.
- Providing expertise in security operations, and cyber strategies.
- Acting as a trusted advisor, with expert consultancy aligned with NHS goals.
- Supporting governance, risk and compliance initiatives.

Cyber Security Strategies and Policy Development

- Developing and refining long-term cyber security strategies for the NHS.
- Producing security policies to enhance resilience and compliance.
- Supporting digital transformation projects with robust frameworks.
- Conducting risk assessments to inform investment in technologies and processes.
- Providing ongoing advisory services aligned to your cyber goals.

Outsourced Cyber Security Operations Center (CSOC) solutions

- Cyber threat intelligence and analysis.
- Security information and event management (SIEM) implementation.
- Advanced threat detection and response solutions.
- Security orchestration, automation, and response (SOAR) solutions.
- Providing detailed performance metrics and security health reports.
- Forensic analysis and investigation cool-off services.

Cyber Security Audits and Assessments

- Conducting assessments through M8 Solutions Cyber Security Diagnostic programme.
- Comprehensive audits of DSPT/CAF compliance and identifying areas for improvement.
- Delivering detailed gap analysis and practical recommendations for remediation.

Threat Monitoring and Incident Response

- Threat modelling and risk analysis.
- Real-time threat detection and response to mitigate breaches and disruptions.
- NHS Cyber Alert (formerly CareCert) management, providing guidance to ensure swift and effective responses to emerging threats.
- Incident investigation and root cause analysis, including detailed post-incident reporting.

Network and Infrastructure Security Solutions

- Security architecture review and enhancement.
- Implementing and optimising firewalls, intrusion detection, and prevention systems.
- Securing NHS network infrastructure and medical devices against unauthorised access.
- Zero Trust security model architecture and implementation.
- Ensuring compliance with NHS network security policies.

Endpoint and Device Security

- Comprehensive endpoint protection, including Internet of Medical Things (IoMT) devices.
- Deploying Endpoint Detection and Response (EDR) solutions to monitor and protect devices.
- Deploying Mobile Device Management (MDM) solutions to securely manage NHS-issued mobile devices.

Staff Awareness and Training

- Tailored cyber security training programmes (Cyber Academy) for NHS staff at all levels.
- Simulated phishing campaigns to strengthen awareness and preparedness.
- Promoting a culture of vigilance and security best practices across all teams and staff.

Vulnerability/Exposure Management

- Conducting regular vulnerability scans to identify and address potential risks within NHS systems.
- Produce and implement comprehensive remediation plans and strategies to address and rectify identified vulnerabilities.
- Providing ongoing advisory services to enhance cyber defence measures as part of a cycle of continuous improvement.

Penetration Testing

- Performing penetration testing, simulating cyber threats to uncover vulnerabilities in infrastructure and applications.
- Red teaming and ethical hacking services.
- Developing tailored remediation strategies to address identified cyber weaknesses.
- Providing ongoing advisory services, ensuring continuous improvement of cyber defences.

Data Storage, Backup, and Recovery Solutions

- Disaster recovery and business continuity planning to ensure uninterrupted patient care.
- Designing and implementing secure data backup solutions.
- Encryption and key management.
- Mitigating the risks of ransomware attacks and data breaches.

Compliance and Regulatory Support

- Ensuring adherence to GDPR, DSPT, and NHS England's digital guidelines.
- Supporting NHS organisations through audits and certifications.
- Providing ongoing compliance monitoring and advisory services.

Secure Cloud and Hybrid Solutions

- Offering expert guidance secure cloud and hybrid infrastructure architecture, tailored to NHS requirements.
- Enabling scalability and efficiency without compromising data security.
- Encryption and key management.
- Delivering solutions to maintain compliance with NHS guidelines and best practices.

Identity and Access Management (IAM) Solutions

- Analysing current access controls to identify and address security gaps.
- Designing and implementing robust IAM frameworks tailored to organisational needs, ensuring secure access controls.
- Managing privileged accounts.
- Providing continuous monitoring and support to ensure compliance and security.

Third-Party Vendor Risk Management

- Assessing and managing risks associated with external vendors and suppliers.
- Ensuring third-party compliance with NHS cyber security frameworks e.g. CAF.
- Implementing vendor monitoring and reporting solutions.

Cyber Security Briefings and Reporting

- Delivering regular briefings to NHS leadership on emerging threats and cyber trends.
- Providing detailed cyber performance metrics and security health reports.
- Offering strategic advice to support informed decision-making.

SECURE YOUR ORGANISATION'S FUTURE WITH M8 SOLUTIONS

Effective Cyber Security safeguards, reputation, compliance, and continuity.

Partnering with M8 Solutions for cyber security consultancy services provides the NHS with trusted expertise and strategic support to navigate an ever-evolving cyber threat landscape. We work as an extension of your team, embedding practical cyber security knowledge, assurance, and leadership to protect information assets, meet regulatory requirements, and support clinical and operational objectives. Our consultancy combines deep technical capability, strategic insight, and hands-on delivery to strengthen resilience across complex NHS environments.

Contact us today to learn how M8 Solutions can work alongside your organisation to build trusted cyber resilience, protecting services, patients, and the secure delivery of digital healthcare.

“M8 Solutions delivers cyber security consultancy services that protect patients, preserve service availability, and support safe operation of digital healthcare services.”

Tracy Scriven,
Chief Executive Officer.
M8 Solutions



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