A DIGITAL SECURITY TRANSFORMATION SUCCESS STORY

Medicare Network
More intelligent, More Secure

How Information Security Saved the Public Purse Millions
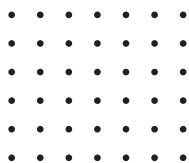
COMPANY PROFILE

Medicare Network is a niche, forward-thinking cybersecurity and risk management company dedicated to solving the healthcare, and pharmaceutical industries most important cybersecurity challenges.

Providing proven experience, expertise and individuals who share the passion in preventing the most sophisticated, targeted cyber-attacks to critical infrastructure, and life-critical medical technologies.

We are a vendor agnostic company that carefully identify and select world-class innovative cybersecurity solutions that leverage the latest cloud, AI and machine learning capabilities. To intelligently detect and respond to any potential cyber threats to IT, and Operational Technology (OT) systems and infrastructures.

We deliver security transformation and driving better value in the age of digitalisation!

AT A GLANCE

- Respected industry regulator needed to securely transition operating and supply models to the cloud

- Digital Workplace concept selected as the core solution, using Microsoft 365 and multiple other SaaS-based services

- Compliance and connectivity with UK Government security standards and networks such as PSN; critical to project success

- Solution delivered all aspects of Information Security and Cyber Security, both day-to-day operational (tactically) and strategically

- Improved security contractual arrangements with third-party providers

- Client achieved operational savings of many £ millions

THE CLIENT

A globally respected regulator, this client produces guidance on medicines, devices, public health, and supply chain issues. Committed to maximising the effectiveness of their public funding.

"They decided to move away from a costly and inefficient single supplier model to multiple specialist suppliers in a more cost-effective cloud-based environment".

Confidence in security was absolutely key to achieving a successful transition.
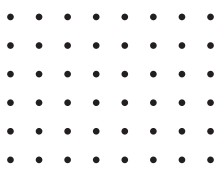
THE CHALLENGE

This was no simple 'lift and shift' project from an on-premise, legacy IT environment to new cloud-based environment. The client's IT estate was hugely heterogeneous, comprising infrastructure, applications, management information and, a significant amount of unstructured, poorly structured historical data.

The combination of transitioning this complex set of structures to the cloud, as well as maintaining integrity, guaranteeing secure and compliant hybrid access to Government networks, meant that a 'risk-first' mindset was imperative at all levels of activity, by ring-fencing services, and in dealings with each individual workstream's stakeholders.

From day-to-day operational security and continuity of service, to assessment and compliance, to designing, deploying, and future-proofing the overall security strategy within the very strict limitations of the public purse – the security challenges with the regulators information was literally everywhere.

> **The client's CISO said, 'We needed security from the ground up, and, we needed someone to "bake it" into our everyday activity in this brave new digitally transformed world. But to do that, it wasn't enough just to improve technical processes - we also needed to permanently change the way our people thought about security, and their part in upholding it**

THE SOLUTION

After an initial engagement, Medicare Network's involvement was quickly extended to cover not only the transition itself, but a wholesale 'take charge' of all Cyber Security, and Information Security Assurance activities.

Engaging directly with the organisation's own Executive and departmental teams, with the addedd insight from Government audit departments and accreditation bodies, industry forums, and special interest groups. Medicare Network delivered a concerted security solution spanning people, processes, technology and physical environments – in order – to deliver, amongst other benefits:

More secure behaviours from all employees

Security education, training, and knowledge transfer at all levels, in all teams, using workshops to engage employees and prevent the need for costly breach clean-ups.

Fewer errors, fewer incidents

Change and release management significantly reduced errors that could result in security risks.

De-risked supplier relationships

Reduced risk in the supply chain in both directions, by ensuring the security posture of suppliers was significantly improved, and by enforcing third-party contractual compliance.

Government-approved security compliance

Approved security policies and standards were accredited to the HMG Security Policy Framework.

Hands-on advice and guidance

Security project consulting and architectural review board involvement, to detect potential issues, and work with IT and other technical resources to ensure projects are 'right first-time'.

Tried, tested, focused protection

Introduced penetration testing programme to identify security vulnerabilities and risks – and a cyber security strategy that focused defences on critical services, devices and infrastructure.

OUTCOMES AND RESULTS

Medicare Network's contribution resulted not only in the increased security 'health' of the organisation, the successful digital transformation outcome**s**, and cost savings to the client of many £ millions, but also in lasting cultural change throughout the organisation, at all levels.

It is perhaps no coincidence that whilst many organisations in this space have fallen foul of several high-profile cyber-attacks, when the worst happened this client was poised, prepared and sufficiently mature in security terms to detect and prevent the attack, and avoid becoming the headline that so many in their sector have.

Our legacy continues today in the foundations and approach we instilled to the client's confident understanding of a discipline that is critical to protecting services that are vital to so many.

PASSIONATE PEOPLE, DEDICATED TO YOUR SUCCESS!

The changing landscape and constant evolution of cyber threats means that protection-levels**,** and education for staff is a continuing process for every business. Medicare Network's primary focus is providing integrated security transformation services and solutions to healthcare providers and pharmaceutical organisations of all sizes**,** to prevent, detect and recover from a security incident or breach.

FOR MORE INFORMATION

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