Eastern SASIG

Lessons in resilience

Resilience is the word on everyone's lips when surviving in cyberspace. It is often easier to theorise than to implement a practical response, but navigating the challenges in a real-world context is crucial if we are to priorities our activities efficiently. When we properly identify the threats relevant to our business, we can assess the risks they present and take effective action to minimise our exposure. These are often the essential steps to developing a robust resilience strategy and implementing it.

The challenges we face confront all organisations who manage a complex IT infrastructure, whose people are exposed to the internet, and who rely on physical and digital supply chains which often include small and micro businesses. SMEs are often the channel through which criminal gangs and state actors target large organisations. Building our collective resilience to mitigate the threats we face is becoming more critical.

For this reason, we are delighted that AstraZeneca are hosting this event. The security challenges facing such a cutting-edge and innovative business should be familiar to all sectors – maximising highly sensitive data to produce life-enhancing innovations whilst ensuring that data remains appropriately protected. This is the great balancing act for all organisations, and there are many lessons to be learnt.

All SASIG events operate under Chatham House Rule, and there is no charge to attend. Lunch and refreshments for the day are kindly provided by our hosts.

Tuesday 22 October 2024

9.30am to 3pm

Cambridge, East Anglia

Chair

Martin Smith MBE Chairman and Founder, The SASIG

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10am   **Welcome and introductions**
Martin Smith MBE Chairman and Founder, The SASIG
Emma Foxton IT Security Culture & Awareness Lead, AstraZeneca

10.10am   **Resilience from the ground up**
Dominic Carroll Director of Portfolio, e2e-assure

In an era where the pharmaceutical industry plays a critical role in global healthcare, the security of its digital infrastructure has never been more crucial. In this session, e2e-assure will explore the escalating cyber threats facing the pharmaceutical sector and underscore the necessity of robust cyber resilience strategies.

They will provide insights into the unique challenges faced by pharmaceutical companies, from safeguarding intellectual property and sensitive patient data to ensuring the integrity of supply chains. Attendees will gain a deeper understanding of how cutting-edge cybersecurity solutions and proactive resilience measures can protect not just these organisations, but also the future of healthcare itself.

10.40am   **Rapid7 Labs: Threat Assessment**
Raj Samani SVP & Chief Scientist, Rapid7

The pharmaceutical industry is a prime target for cybercriminals due to the high value of intellectual property, sensitive patient data, and critical research information. As cyber threats grow in sophistication and frequency, security leaders must stay ahead of potential vulnerabilities and attack vectors. Raj will provide an in-depth analysis of the current cyber threat landscape specifically targeting the pharmaceutical sector. He will also explore the latest tactics, techniques, and procedures (TTPs) employed by adversaries, from state-sponsored actors to organised crime groups. Our discussion will highlight key areas of vulnerability, including supply chain security, clinical trial data protection, and the safeguarding of proprietary research and development information.

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11.30am **Managing risk in the cloud era: From prioritisation to proactive mitigation**
Ronnen Brunner International Vice President, Uptycs

In this session, Ronnen will present hybrid cloud security advances: 'Offence and Defence on Loop'. Explore a new CNAPP framework which integrates proactive CSPM, risk prioritisation, and advanced threat detection, tailored for the unique needs of pharma's dynamic cloud architectures. Discover how merging offensive strategies with robust defences ensures continuous security across all cloud workloads.

12 noon **Supply chain resilience and risk management in pharmaceuticals**
Paul Raw Senior Consultant in Security Risk & Resilience, BSI

This presentation will explore the challenges pharmaceutical companies face in maintaining resilient supply chains amid potential risks. It will address key vulnerabilities and offers strategies for enhancing risk management and continuity. We will learn about proactive measures to protect against cyber threats, comply with regulations, and safeguard patient safety.

Paul will provide actionable insights for building robust supply chains that withstand risks, ensuring that essential products and services remain available to those who depend on them. Discover how to strengthen your supply chain resilience in today's ever-evolving landscape.

12.30pm **Cybersecurity challenges and solutions along the product lifecycle**
Paul Chopineau Senior Manager, Wavestone
Florian Pouchet Head of Cybersecurity and Operational Resilience UK, Wavestone
Emeline LeGrand Senior Consultant, Wavestone

The life science industry raises specific challenges, and we will focus on three in particular. Pre-market identity challenges for clinical trials are a key issue for Healthcare Providers (HCPs), due to the sensitive nature of patient data. Ensuring the availability of plants and labs requires adaptive and secure connectivity that keeps equipment operational and able to generate revenue. Finally, post-sales HCPS must also consider how to maintain product security over time, especially as products become more connected and require greater cybersecurity attention.

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1pm **Networking lunch**
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1.40pm **How a digital twin can help you visualise and defend your network?**
John Stevenson Senior Product Marketing Manager, Skybox Security

Large enterprise networks are so complex that gaining visibility and understanding of areas of risk can be almost impossible. Therefore, being able to see – and fully comprehend – the organisational attack surface is critical to a successful security strategy.

A digital twin (effectively a working model of your network) could be the tool you need to better identify threats and security weaknesses. Discover how it provides a single source of truth and unprecedented visibility of the organisation's attack surface. Understand how modelling the network and creating a digital twin could help supercharge security and simplify compliance and change processes.

2.10pm **Cybersecurity in pharma: Preparing for 2025 and beyond**
Oscar Eigio Isaka Senior Director, Security & Risk Management, Gartner

In this forward-looking session, we will explore the evolving cybersecurity landscape and its implications for the pharmaceutical industry in 2025 and 2026. As digital transformation accelerates, the sector faces heightened risks from cyberattacks targeting sensitive data, intellectual property, and supply chains. This presentation will outline key predictions for emerging threats, advanced attack methods, and regulatory challenges while offering proactive strategies to bolster security resilience and ensure compliance in an increasingly connected and vulnerable environment.

2.30pm **Organisational resilience: Preparing to manage an ever-changing world**
Facilitated by **Martin Smith MBE** Chairman and Founder, The SASIG
Trevor Rees Head of Global Security, AstraZeneca
Fred Lancaster Global Head of Cyber Security, AstraZeneca
Andy Marshall Group Director Business Continuity & Crisis Management, AstraZeneca

As cybersecurity threats evolve, human risk remains one of the most significant vulnerabilities within organisations. In this session, we will explore how to cultivate a security-first mindset among employees, the impact of leadership on driving behavioural change, and the importance of continuous education and engagement.
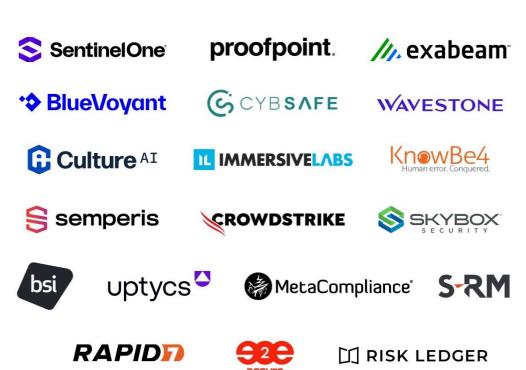
Our panellists will share practical strategies for fostering a culture that prioritises security at every level, helping organisations reduce human error, prevent insider threats, and build a resilient workforce equipped to tackle the challenges of the digital age. We'll dive into the human side of cybersecurity and learn how shaping your organisational culture can be your strongest defence against human risk.

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3pm **End of meeting**
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About

The Security Awareness Special Interest Group (SASIG)

SASIG is a subscription-free networking forum, membership now represents thousands of organisations of all sizes from across the world and from all sectors, public and private. Its 10,500+ membership is drawn from CIOs, CISOs and their staff with responsibility for cybersecurity within their organisations. Professionals from other disciplines (risk, HR, legal, supply, etc.) and representatives from government, law enforcement and academia are also being increasingly welcomed at events. The Chatham House Rule is strictly enforced and universally respected at all meetings, and vendors and the Press are routinely excluded. Thus, the level of debate is extraordinarily revealing and rewarding.

SASIG has a members' website at www.thesasig.com. Please register here for membership.

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