Post event report

The inaugural
e-Crime & Cybersecurity Scotland

13th November 2018 | Edinburgh

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66 As ever a cracking event by AKJ bringing the e-Crime Congress to Edinburgh. Edinburgh has a large, dynamic and entrepreneurial Cyber and IS demographic and it was exceptional to see this recognised by AKJ on hosting this event! Great speakers, thought provoking discussion and innovative vendors – a great a way to kick off this event! 99

Manager, Information Security & Resilience | Operational Risk Oversight, TSB

66 I very much enjoyed the event; the content and networking was very useful. 99

Solicitor, BTO Solicitors LLP

66 The diverse views across the speakers and the depth of knowledge across the room was excellent and kept the audience engaged throughout the day – no small feat when there is so much information to absorb in one day. 99

Cyber Resilience Unit, Scottish Government

Key themes

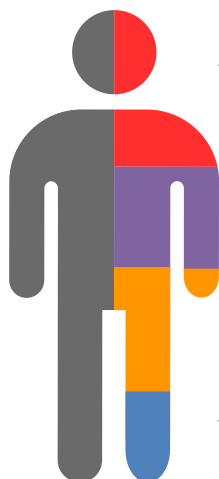Securing national infrastructure

Law enforcement held to account

Securing the financial sector

Regulation and resilience

Coping with the Cloud

Who attended?

Cyber-security
We have a 15-year track record of producing the events cyber-security professionals take seriously

Risk Management
We attract senior risk officers with responsibility for information risk assessment and mitigation

Fraud, Audit, Compliance
We provide the go-to events for fraud prevention and compliance owners at the world's key corporates

Data Protection & privacy
We are a key venue for decision-makers with budget and purchasing authority

Speakers

Rory Alsop,
Head of Technology and Cybersecurity Risk
HSBC

Paul Chapman,
Head of Public Sector Cyber Resilience
Scottish Government

Dr Jamie Graves,
Founder and CEO
ZoneFox

Etienne Greeff,
CTO & Founder
SecureData

Marcus Hellman,
Cyber Security Executive
Senseon

Len Hynds,
Chief Risk and Security Officer
Nordic Entertainment Group

John Manning,
Head of Technology Risk
Prudential

Keith McDevitt,
Cyber Integrator
Scottish Government

Mike McLellan,
Consultant Information Security Researcher
Secureworks

Tony Murton,
Regional Sales Manager
Thales

Nick Pattinson,
Head of Security Operations
Clydesdale Bank

Jordan Schroeder,
COO & Managing CISO
UCSS

Detective Chief Inspector Brian Stuart,
Head of Cybercrime
Police Service of Scotland

James Warriner,
EMEA Channel Sales Manager
BitSight

John K Young,
IT Security Manager/Deputy Head License & Politics
People's Postcode Lottery

Agenda

08:00	Breakfast networking and registration
08:50	Chairman's welcome
09:00	**Public-private partnership is the bedrock upon which the safety and stability of our online world will flourish**
	Len Hynds, Chief Risk and Security Officer, Nordic Entertainment Group • Business leaders take note; effective cybersecurity cannot exist in a vacuum • Developing a risk and security strategy that is compatible with commercial goals • Securing stakeholder support for your information security programme • Awareness campaigns that engage based on company culture and profile • Using an integrated risk framework to demonstrate value – security as a business enabler
09:20	**Cybersecurity ratings: how external independent ratings are supporting information security benchmarking and third-party risk management**
	James Warriner, EMEA Channel Sales manager, BitSight • Why are increasing numbers of companies using external ratings? • What are cybersecurity ratings and how are they calculated? • What types of risks do they identify? • Cases employing the BitSight cybersecurity ratings platform
09:40	**Cyber-risk metrics. How do you measure up?**
	Rory Alsop, Head of Technology and Cybersecurity Risk, HSBC • *Cyber-risk:* what is it and where does it fit, what does it give you? • *Metrics:* contrast between small and large orgs, between KPIs and KRIs – with examples • *Quant:* value of quantitative analysis to the business, financials – use ISF references • *Community:* information flow between teams, sharing of best practices, inside and outside organisation, and with community
10:00	Networking and refreshments
10:30	**Staying cyber-resilient: lessons from the Scottish Government**
	Paul Chapman, Head of Public Sector Cyber Resilience, Scottish Government • The need for higher standards of cyber-resilience • Governmental responsibility: who holds accountability for cyber?
10:50	**Cybercrime as a business: the impact from organised cybercriminal actors**
	Mike McLellan, Consultant Information Security Researcher, Secureworks • The real impact from cybercrime arises from the activities of a relatively small number of well-organised groups • The tactics and techniques employed by some of those groups is on a par with, and often better than, the majority of state-sponsored cyber-espionage actors • As with most 'APT' activity, basic cyber-hygiene and technical controls can go a long way to raising the cost for criminal actors
11:10	**Hunting for lions & bulls on the dark web**
	Etienne Greeff, CTO & Founder, SecureData • Threat detection at a glance, what works and what doesn't • How criminals are finding new ways of monetising hacking • The state of the cybersecurity market • Pragmatic advice for addressing the new cybersecurity reality where everybody is a target
11:30	Networking and refreshments
12:00	**Education Education Education. Lessons in securing Scotland's education sector**
	Jordan Schroeder, COO & Managing CISO, UCSS • Securing Scotland's education sector: how to create a holistic and actionable cybersecurity strategy • Data protection across your own organisation and third parties • The risks and challenges Scotland's education sector faces and potential solutions
12:20	**AI in cyber – challenges and solutions**
	Dr Jamie Graves, Founder and CEO, ZoneFox Despite the many headlines surrounding AI and the possibilities that it may bring, it's also important to look at the unintended consequences of AI. Dr Jamie Graves, CEO and Founder of ZoneFox, discusses the challenges and solutions that AI presents, including: • How far away are we from Artificial General Intelligence (AGI)? • Are we designing the UI to allow people to make sense of the data? • Where should we be applying AI right now?

Agenda

12:40	**How to build a SOC in 4 weeks**
	Nick Pattinson, Head of Security Operations, Clydesdale Bank • Should it be in-house or outsourced? • People/process and technology • Where do you go next (maturity)?
13:00	Lunch and networking
14:00	**Playing by the rules and regulations. Navigating today's regulatory market**
	John K Young, IT Security Manager/Deputy Head License & Politics, People's Postcode Lottery • Changes in the regulatory environment and how to navigate them. PCI, ISO and what are their impacts on the business • How to leverage the process into something tangible • How to leverage standards against certification • The relationship between compliance, security, legal and risk
14:20	**Data security protection for data in the cloud**
	Tony Murton, Regional Sales Manager, Thales • Considerations when moving to the cloud • Encrypting your sensitive data in the datacentre, hybrid cloud and multiple cloud environments • Enforcing security access controls • Strong key management
14:40	**Going beyond the anomaly using AI Triangulation**
	Marcus Hellman, Cyber Security Executive, Senseon An introduction to Senseon's unique AI Triangulation technology that gathers and correlates information across an organisation's entire digital estate to differentiate between unusual and malicious behaviour and produce highly contextualised, accurate and actionable alerts. • Automates investigation • Reduces false positives • Simplifies the security stack
15:00	Networking and refreshments
15:30	**EXECUTIVE PANEL DISCUSSION** **Breaking the bank: perspectives on fraud from government, law enforcement and the financial sector**
	Keith McDevitt, Cyber Integrator, Scottish Government **Paul Chapman,** Head of Public Sector Cyber Resilience, Scottish Government **Nick Pattinson,** Head of Security Operations, Clydesdale Bank **Detective Chief Inspector Brian Stuart,** Head of Cybercrime, Police Service of Scotland
16:00	**Communication, co-operation, collaboration. Key messages in protecting national infrastructure**
	Detective Chief Inspector Brian Stuart, Head of Cybercrime, Police Service of Scotland • Developments in the cybercrime landscape • The impacts of AI, machine learning and technological innovation. Industry is ahead of the game when it comes to digital innovation. What are the challenges that the public sector face? • Lessons for industry. No-one has all the answers. Early disclosure and communication are key
16:20	**Managing technology risk: it's a risky business**

	John Manning, Head of Technology Risk, Prudential
	• How does technology risk fit into the overall business infrastructure and risk framework? Should cyber-risk be considered a part of greater operational risk?
	• Cybersecurity risk metrics:
	  – What is the story you are trying to tell?
	  – What metrics are available?
	  – How reliable are they?
	• Cyber-risk capital modelling – is it your new business justification?
	• Solutions. Concepts for managing technology risk for your business

16:50	Closing remarks
17:00	Conference close