

HOLYROOD

CYBER SECURITY AND DATA PROTECTION

Friday 10 February 2012, Edinburgh

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Featured speakers include:

Owen Pengelly

*Deputy Director (Policy), Office of Cyber Security
& Information Assurance, Cabinet Office, UK Government*

Professor Bill Buchanan

School of Computing, Edinburgh Napier University

Cormac Callanan

2Centre Industry Coordinator

Detective Inspector Eamonn Keane

e-Crime Unit, Scottish Crime and Drug Enforcement Agency

Conference Chair:

Mark Stephen

Journalist and Broadcaster

Co-sponsors:



Breakout sponsor:



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AGENDA (Subject to change)



Welcome

In late November the UK Government published a report on 'The UK Cyber Security Strategy – Protecting and promoting the UK in a digital world'.

This report seeks to address some of the myriad issues that face society in the technological age. It acknowledges that whilst technological developments are a massive force for good and have improved billions of lives there are serious questions that must be answered in terms of risk, data and systems that it is incumbent upon each of us to be cognisant of and alert to.

This is particularly true of each and every public servant who has access to sensitive information, whether that be the personal data of citizens or confidential government documents.

Effective enforcement and proactive leadership in explaining the risks are essential components for the Scottish Government as the speed of technological advances continues to accelerate.

Here in Scotland the government is keen to ensure that all these concerns and responsibilities are fully understood across the public sector and that each and every public body is taking the necessary steps to meet their obligations.

The National Cyber Crime Strategy will aim to proactively tackle cyber criminals with the government having made £650 million in resources available to boost organisational cyber security. Research has indicated that despite knowing that cyber security and data protection present a real threat to individuals and organisations, there is still a strong lack of knowledge of how to best meet these challenges.

This *Holyrood* magazine conference will allow you to hear from Government and industry representatives both within Scotland and the UK in order to consider what steps Scotland needs to take in order to protect its cyber infrastructure.

Session One

The Current Cyber Security Landscape

The growth of the internet is the defining characteristic of our age. The opportunities it presents and connectivity it inspires have changed the lives of billions of people across the globe. With this towering achievement comes responsibility. Ensuring security in cyber space is vital to our national security, and an appreciation of the sorts of attacks that are likely is vital if the threat is to be repelled.

08:45
Registration and refreshments

09:30
Welcome and introduction from the Chair
Mark Stephen
Journalist and Broadcaster

09:40
Reviewing the National Cyber Security Strategy and the G-Cloud
Owen Pengelly
Deputy Director (Policy), Office of Cyber Security and Information Assurance, Cabinet Office, UK Government

10:00
Identifying current security risks and threats in Scotland
Representative from the Scottish Government

10:20
Security culture and recognising business security needs
Alan Moffat
Chairman, Scottish Information Assurance Forum (SIAF)

10:40
Questions and discussion

11:00
Refreshments

Session Two

Protecting Data in an Open World

Secure information management is vital for various reasons. The shift of information to the cloud provides opportunities for collaboration across departments and public and private sectors. This will necessitate the development of appropriate and effective partnership agreements and effective risk management processes. The plenary will hear examples of collaborative partnerships and hear examples of best practice from across the United Kingdom.

11:20
Collaborative models for combating cyber crime
Cormac Callanan
2Centre Industry Coordinator

11:40
Moving shared services forward: Managing security threat
Patrick Murray
Senior ICT Manager, East Renfrewshire Council

Carol Peters
Information Security Officer, East Renfrewshire Council

12:00
Getting it wrong: Lessons from the ICO
Ken Macdonald
Assistant Commissioner (Scotland and Northern Ireland), The Information Commissioners Office

12:20
Questions and discussion

12:40
Lunch

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Session Three Breakouts

Session three will allow delegates the chance to discuss in smaller groups some specific issues around cyber security. Designed to cover some of the major issues of cyber security that affect businesses and organisations as well as offer the chance to identify what security solutions might be best for you.

There will be three breakouts, each running twice and for 40 minutes. Delegates will choose to attend two from three.

13:30

First breakout

14:10

Transition between breakouts

14:20

Second breakout

15:00

Refreshments

Breakout 1: Next generation identity assurance

Representative from the Amor Group

Breakout 2: Consumerisation

Representative from O2

Breakout 3: Cyber security in a shared public sector

David Lockwood OBE

Vice President – Global Defence and Security, BT Global Services and Chair of the Scottish Government's Technology Advisory Group

Session Four Looking Forward

The development of the National Cyber Security Programme is a big step in meeting the challenges that lie ahead. As technology advances apace it brings new rewards but new challenges. The private sector and academia must play a central role in ensuring that this challenge is met. In this closing session we will look ahead and ask what skills will be needed for those tackling cyber crime.

15:20

Future threats: Making the complex simple

Detective Inspector Eamonn Keane
e-Crime Unit, Scottish Crime and Drug Enforcement Agency

15:40

Skills for cyber security

Professor Bill Buchanan
School of Computing, Edinburgh Napier University

16:00

Questions and discussion

16:15

Summary and conclusions from the Chair

16:20

Close of Conference

“The UK Government takes these risks seriously. That is why the 2010 National Security Strategy rated cyber attacks as a ‘Tier 1’ threat”

– Francis Maude MP –



Keynote speakers



Owen Pengelly
Deputy Director, OCSIA, Cabinet Office, UK Government

Owen was appointed as Head of the Information

Security & Assurance Unit in August 2008. Since 2004 he has held a number of Cabinet Office postings, including in the Prime Minister's Strategy Unit and in the Joint Intelligence Committee Assessments Staff.



Prof Bill Buchanan
School of Computing, Edinburgh Napier University
Bill is a Fellow of the BCS and the IET. Bill has one of the most extensive academic

sites in the World, and is involved in many areas of novel research and teaching in computing. He is widely published and has won awards for excellence in knowledge transfer and teaching.



Alan Moffat
Chairman, SIAF

Alan is the Chair of the Scottish Information Assurance Forum, a group of security professionals

dedicated to improving Information Assurance and Governance throughout Scotland. He is also a member of the Cabinet Office, National Information Assurance Forum.



Cormac Callanan
2Centre Industry Coordinator

Cormac has provided training at Interpol and Europol and to law enforcement agencies around the world on the subject of emerging and developing technologies. He currently provides consultancy services around the world and works on policy development with the Council of Europe.

Register now at holyrood.com/cybersecurity

For group or corporate bookings, please call Karen Todd on 0131 272 2175

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