

Cyber Security KTN Newsletter #22

Highlights this Month

- KTN launches detailed Secure Software White Paper
- KTN members' participation sought on European Survey on Information Security Breaches

News Items

- Cyber Security KTN Annual Conference round-up
- KTN funding competitions winners announced

Upcoming Events

- 17th-18th July - International Crime Science Conference (details below)
- 16th October - Engineering Secure Complex Software Systems and Services (details below)
- 6th-7th November - The Malicious Exploitation of Information Systems: Countering the Rise of Insider Threat (details below)
- 27th November - A Fine Balance 2008 - Privacy in Action event (details below)

KTN launches detailed Secure Software White Paper

The KTN's latest publication entitled: 'Secure Software Development – A White Paper' is now available to download from our website.

The White Paper, produced by members of the Special Interest Group (SIG) looking at Secure Software Development, has researched and developed 18 detailed recommendations for improving software design.

John Harrison, Chairman of the KTN's Special Interest Group, said of the white paper: "The challenge in secure software development is to understand what constitutes good practice. It's about cost effective methodologies and business cases to enable the software industry to deliver commercial software with fewer flaws and vulnerabilities. To do this we need people to take responsibility for the problem."

The paper proposes the Office of Government Commerce (OGC) creates software procurement guidelines that include secure software development requirements.

It also recommends organisations involved in software development should document their existing security procedures and check that they have been adhered to in each project undertaken.

Another recommendation is the development of a public/private sector partnership to stimulate and encourage the use of good practice secure software development in the UK, and to act as a focus for taking the other recommendations forward.

Nigel Jones, Cyber Security KTN Director, commented: "If we don't address the issue of who takes ownership of improving secure software development the problem will simply get worse. Our White Paper findings will start to address this pressing industry concern."

The white paper is available to download at: http://www.ktn.qinetiq-tim.net/content/files/groups/secssoft/SSDSIG_softwareSecurityFailures.pdf

Last places available at International Crime Science Conference

Cyber Security KTN members interested in attending this year's International Crime Science Conference in London still have time to register for the event.

Jacqui Smith, the Home Secretary, will be opening the conference, which promises to bring together senior security and crime reduction practitioners, policy-makers, technologists, and leading academics.

Nigel Jones, Director of the Cyber Security KTN, will be chairing an e-crime prevention session at the event. This year the conference will concentrate on the prevention, disruption and detection of terrorism, organised crime, and crime and anti-social behaviour. Through a series of plenary sessions topics such as data forensics, bio-chemical threats, forensic science, surveillance and crime science will be explored.

For further information on the conference, taking place on 17th-18th July 2008, at the British Library, please go to: <http://www.cscs.ucl.ac.uk/events-1/icsc-2007/programme>

Cyber Security KTN Annual Conference round-up

The KTN's Annual Conference took place in London last month. Attended by the IT industry, local and central Government representatives, and academics, the event raised many vital questions and answers on how the cyber security industry operates in the future.

Keynote speakers included Dr Martin Carmichael, Chief Security Officer from McAfee, who emphasised the need for IT professionals to communicate a clear business case for security risk management so it can be taken seriously at boardroom level.

Professor David Pym from Bath University explained how an Economics Special Interest Group could be established and run, whilst Charles Ross from Quantum Technologies Action Plan presented the potential benefits quantum technologies could have on improving digital security.

For those who were unable to attend the Annual Conference, all keynote speaker presentations are available at: www.ktn.qinetiqtim.net/resources.php?page=rs_ktnpublications

KTN funding competitions winners announced

The KTN has announced three winners of its latest funding competitions. The aim of the competitions is to drive innovation, industry collaboration, and to inform the government on future research funding strategies relating to cyber security issues.

The winner of the Outsourcing Offshore Risk category is David Lacey Consulting Limited. The project will develop a user-organisation guideline on how to manage information security risks across out-sourced and off-shored supply chains that will be suitable for public and private sector organisations.

The successful entry for the E-Crime Prevention competition is the Business Crime Reduction Centre (BCRC), which is housed within the charity People United Against Crime (PUAC). The BCRC will help organisations better understand the risks of e-crime and how to prevent it. The project will offer guidance to sole traders, SME's, home workers, non-technical advisors and technical consultants.

The winner of the Service Oriented Architecture (SOA) Security competition is Object Security. Its project will provide a detailed understanding of what SOA is and how it can be used to improve security issues. Work will include workshops, web-based surveys involving industry professionals, and the development of a research document to be delivered to benefit IT security professionals.

Object Security has now published an initial document to facilitate discussion regarding its project. KTN members are encouraged to contribute with comments and input. The project will also include two workshops in London. To have your say on the research, or to attend the workshops, please go to: www.secure-soa.info

The three project winners will complete and submit their work by 14th November. The final work will be presented at the KTN Christmas event at Bletchley Park on 4th December.

Malicious Exploitation of Information Systems conference probes the criminal mind this November

KTN members are invited to attend a conference entitled: 'The Malicious Exploitation of Information Systems: Countering the Rise of Insider Threat' this November.

Leading speakers from Europe and the US will attend the event, which will include insights from a former fraudster on issues such as sabotage, profiling offenders and the psychology of offenders.

The conference will cover:

- managing the damage to reputation
- the scale and nature of insider threats
- the potential effectiveness of the latest technologies available
- how to build effective responses
- the human factors and why they make a difference
- information sharing: legal ways to comply

The event is being organised by the KTN, Perpetuity Conferences, University College London's (UCL) Centre for Security and Crime Science, and the Institute for Information Infrastructure Protection.

To register for the conference, taking place on 6th – 7th November at UCL in London, please call Catherine Baker on: 0116 222 5550, email: conferences@perpetuitygroup.com or go to: www.perpetuityconferences.com

A Fine Balance 2008 - Privacy in Action event

The KTN is pleased to announce that this year's 'A Fine Balance 2008' event will take place on Thursday 27th November, at Church House, in London.

The event will look at how organisations are using privacy enhancing technologies (PETs) to improve security across the IT industry. Numerous case studies will be examined to share best practice among delegates.

This European workshop is being jointly organised by four Knowledge Transfer Networks: Location & Timing, Sensors & Instrumentation, Digital Communication and Cyber Security.

More information and details of how to register for this year's event will be available from the Cyber Security KTN website shortly.

Brussels secure software seminar taking place in October

The European Commission (EC) and the European Research Consortium for Informatics and Mathematics (ERCIM) are holding a joint Strategic Seminar entitled: 'Engineering Secure Complex Software Systems and Services' in Brussels on 16th October.

The event aims to share academic and industrial expertise in secure software engineering, to highlight best practice in the field, and increase the trustworthiness of the resulting ICT systems.

The EC-ERCIM Strategic Seminar will:

- present the latest progress on secure software research
- encourage dialogue between scientists and industrial players from the field with a view to promoting collaboration
- identify future key research challenges to be addressed

The seminar is aimed at IT professionals, large companies, SME's and academics. Further information can be found at: http://www.ercim.org/activity/strategic_seminar/

KTN members' participation sought on European Survey on Information Security Breaches

KTN members are encouraged to take part in new online research entitled the European Survey on Information Security Breaches.

The online questionnaire is adapted from the Department of Business, Enterprise and Regulatory Reform's (BERR) Information Security Breaches Survey (ISBS), and will help paint a picture of the nature and extent of e-crimes experienced across Europe.

The survey is being funded by the European Commission and has been set up by Loughborough University, partnered by the MTA SZTAKI Research Institute in Hungary and Transcrime, a Joint Research Centre on Transnational Crime based in Italy.

The survey follows a two-year study into e-crime that found that little comparable data on the subject is available across Europe.

Findings from the survey will be made available in the form of a report, and a conference is expected to take place in November.

The European Survey on Information Security Breaches runs from 30th June - 31st August. To take part, please go to: <https://www.questionbuilder.com/console/TakeSurvey?id=44915>

Cyber Security KTN PULSE programme – regional events on the radar

The Cyber Security KTN PULSE programme is aimed at identifying and gathering feedback on the key issues that regional stakeholders and businesses have in the area of cyber security. PULSE events are designed to encourage collaborations and networking opportunities within each region through facilitated sessions and the opportunity to meet others in the user, vendor and research communities. The PULSE programme brings the national debate on information, data and cyber issues to a local and regional audience, facilitating knowledge transfer, innovation and effective responses to business needs.

PULSE events are currently being organised from early Summer throughout the year in the North West, Wales, East Midlands and Northern Ireland. Details of dates and venues for forthcoming PULSE events will

be announced in the next newsletter. To get involved with PULSE activities, please email:

RJAMES2@qinetiq.com

What do you think of the Cyber Security KTN newsletter?

The Cyber Security KTN would like to hear from members reading this newsletter to gain feedback on improving its content.

If you have a view on what articles we should be covering, or if you have a suggestion for an article yourself, please go to: http://www.ktn.qinetiq-tim.net/index.php?page=in_contact

Contact us

Contact us online via the portal or call Ralph James (KTN Manager) on: 01684 897588.

For general enquiries about the KTN, please email: csktn@qinetiq.com

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