

# Cyber Security KTN Newsletter #12

July 2007

## Highlights this Month

- NSIP Update
- New Competitions – Calling All Members
- Recent Events attended by Nigel Jones, KTN Director
- SEEDA FP7 Support
- Events

## Network Security Innovation Platform update

As presented at our annual conference, the DTI Network Security Innovation Platform is working to develop a work package that will sponsor a £10m, 3-year, research and development programme into how to balance the potentially intrusive nature of identity services and network security with users' expectations of privacy and consent. A workshop entitled "Ensuring privacy and consent in identity management infrastructures" was held on the 9th July. As expected, much discussion took place about definitions of privacy and consent. A large number of attendees argued that the problems with adoption of privacy and ID systems were social or business, rather than technical challenges – although some thought the technical challenges were underplayed. The findings of the workshop will lead to the development of projects and proposals using the EPSRC's sand-pit concept at a further workshop to be held in early October.

Slides from the day are posted at [www.kablenet.com/ns07](http://www.kablenet.com/ns07). The user ID and password are:

User ID: ns7

Password: netsec

## New Competitions - Calling All Members

As announced in June's newsletter the KTN is seeking your input and suggestions for four funded working groups and new Special Interest Groups (SIGs). Some ideas we have already gathered include:-

- eCrime; Security skills and training needs, security ethics
- Dependency mapping in resilience planning
- Innovation to bridge the gap between the security needs of government and the private sector
- Integrating detection, prevention, response and recovery into security systems
- Horizon scanning and futurology for example emerging risks and counter-measures and threats such as cyber-activism
- Secure storage
- Security of services

We are keen to build on areas where there is already a clearly articulated need for further activity and where the KTN's ability to network key players can add value to the work. Outputs should provide a tangible benefit to some part of the cyber security community. The KTN is planning to hold two more calls for a total of up to four funded working groups. These are just some ideas to start the process. We will look across the security space, from societal issues to deep technical activities.

We plan to hold an informal lunchtime session at the Thistle Hotel, Victoria on September 4<sup>th</sup>, for members to discuss their ideas and assess the priorities. Please email Karen at [kbarnett@QinetiQ.com](mailto:kbarnett@QinetiQ.com) to register. Further details are at <http://www.ktn.qinetiq-tim.net/site/members/ideas.html>.

## Recent events attended by Nigel Jones, Director Cyber Security KTN

Nigel attended two interesting events this month. The first was by the Centre for Information Technology in the Interests of Society (CITRIS) and the second was at the International Institute for Strategic Studies.

CITRIS (<http://www.citris-uc.org/>) is a collaboration between campuses of the University of California, working with industry on 'solutions to grand-challenge social and commercial problems affecting the quality of life of individuals and organizations'. A number of topics were discussed that we might pursue in the KTN.

There was a clear trend to economies based on IT enabled services, and in the discussion in the margins, the idea of examining the security and assurance of services, was thought to be worth further examination. Services such as telemedicine were seen as becoming increasingly attractive in the light of a variety of factors such as ageing populations, the drive to more cost effective care, and the need to extend expertise to remote areas. Likewise a living environment with ubiquitous wireless sensors and communications for 'power aware buildings', or where consumers are serviced by intelligent systems in pay per use or 'just in time' logistics, required that the security, social and technological issues be addressed through the evolution of services.

The CITRIS event gave Nigel the opportunity to meet Larry Rohrbough, the executive director of a U.S. National Science Foundation funded science and technology center called TRUST (Team for Research in Ubiquitous Secure Technology). TRUST is led by UC Berkeley along with leading security researchers from Carnegie Mellon, Cornell, Stanford, and Vanderbilt Universities, and is focused on advancing the scientific foundations of cyber security and critical infrastructure systems. One aspect of the TRUST strategy is to partner on an international level so we have agreed to explore possible collaborations. The security of services might be something to pursue in this respect, and we would glad to know what you think.

The NATO Cyber-Crime and Cyber Security event at the International institute for Strategic Studies consisted of a panel and discussion examining the strategic threat, such as that experienced recently by Estonia, as well as some of the wider issues of cyber-crime. The event was held under Chatham House rules. There was some interesting discussion about how we should respond to the threat especially concerning traditional strategic ideas such as deterrence and in-kind responses (Mutually Assured Denial of Service?) and whether these were strategies that could work in an asymmetric environment (where the impact on 'us' may still be greater than on 'them'), or even if they were ethical in the first place. What is clear is the difficulty of organizing a strategic response from government, when much of the infrastructure is held in the private sector. Whether an industry led response might be the way forward rather than a government focused one is a relevant question. One issue is to integrate the various levels of response from the technical to the strategic, perhaps using idea of the layered defence. There is certainly more to be done in guarding our interests against threats such as coordinated and persistent distributed denial of service attacks.

## SEEDA FP7 Support

The South East Economic Development Agency (SEEDA) has recently allocated resources for a new package of support for EU Framework Programme 7 bid preparation and submission. This support is available for consortia that include significant inputs from one or more SMEs based in the SEEDA region. The resources available are limited. In order to apply for this support, please contact Paul Osborne as soon as possible if you are involved in consortia preparing bids: email: [p.g.osborne@cranfield.ac.uk](mailto:p.g.osborne@cranfield.ac.uk)

Support may be available for e.g.:

- Hosting partner meetings
- Travel and subsistence costs for SEEDA SMEs attending partner meetings
- Expert advice on the FP7 programme, topics, consortium agreements etc.
- Managing bid preparation and submission
- Identifying and engaging with appropriate UK or European partners (end users, systems integrators, SME, universities)

Paul can put forward a case for support to SEEDA and, subject to their approval, secure a specific allocation of the budget to provide the support you need.

## Events

The events calendar is looking quite busy so we hope you can find something to interest you. Please email Karen to register for KTN events and for further details at [kbarnett@QinetiQ.com](mailto:kbarnett@QinetiQ.com)

- August 29-31, The Third International Symposium on Information Assurance and Security (IAS'07) <http://www.ias07.org/> Manchester
- September 4<sup>th</sup>, Lunchtime KTN Research Ideas and Proposal Discussions, Thistle Hotel, Victoria, London (see above)
- September 5-7<sup>th</sup>, 3rd Centre for Advanced Management and Interdisciplinary Studies (CAMIS) Security Management Conference (<http://www.bbk.ac.uk/manop/newsevents/docs/CAMIS.pdf>), Birkbeck College, University of London
- September 6-7, 1<sup>st</sup> International Conference on CyberCrime Forensics Education and Training (CFET), Canterbury Christ Church University (<http://www.canterbury.ac.uk/cfet-2007>)
- September 26<sup>th</sup> (evening) Joint KTN event with DEMOS. Further details to follow.
- September 27<sup>th</sup>, Adaptive and Resilient Computing Security workshop (ARCS-07), Imperial College, London (<http://www.ktn.qinetiq-tim.net/files/Public/Events/arcs2007-cfp.pdf>)
- October – Date to be confirmed; KTN Pulse Event West Midlands, Birmingham
- November 1<sup>st</sup>: *Provisional Date*, KTN Framework 7 Event, London

- November 14th; Privacy Enhancing Technologies, Joint KTN/EU Event, Church House, London
- December 3rd – KTN Christmas Dinner, House of Lords
- December 6th – KTN Pulse Event North East, at Digitex 07 ([http://www.tees.ac.uk/sections/business/business\\_events\\_details.cfm?event\\_id=1526](http://www.tees.ac.uk/sections/business/business_events_details.cfm?event_id=1526)), University of Teesside
- December 10th – Biometrics Event, Portland Place, London – KTN with IET and EPSRC

## Contact us

Contact us online via the portal or call Rob, the Membership Services Manager, on 01684 894950 or via email at [rrrowlingson@QinetiQ.com](mailto:rrrowlingson@QinetiQ.com).

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