

Cyber Security KTN Newsletter #11

June 2007

Highlights this Month

- Nigel Jones appointed as new KTN Director
- Cyber Security KTN Annual Conference Report
- New Competitions
- NSIP Update
- Identity Assurance Event Follow-Up
- Update on SIG activities
- Events

Nigel Jones appointed as new KTN Director

This month saw the appointment of Nigel Jones as the new director of the Cyber Security KTN. Nigel had an immediate introduction into the network at the Annual Conference and managed to meet many members and get their views on the KTN and its future direction. Since joining QinetiQ in 2004, Nigel has led a team delivering consultancy and research business in the domains of security, resilience and intelligence. He has a special interest in understanding and analysing risk environments, the use of intelligence systems to aid decision making and in the integration of human factors into security systems. Nigel's experience is derived from a military career in Information Operations and the design and delivery of education and training prior to joining QinetiQ.

Cyber Security KTN Annual Conference - Report

I am pleased to report that the annual conference went off very well with over 120 people attending. We have had a lot of extremely useful feedback including comments such as:

"I just wanted to thank you for organizing an excellent event with great speakers, interesting subjects, a lovely venue and good networking opportunities."

"It was a really excellent day with an opportunity to renew old acquaintances, [and] make new contacts"

If you couldn't make it, don't worry there will be another event next year and if you did and would like to provide any feedback you are very welcome. Presentations from the day are available on the portal (<http://www.ktn.qinetiq-tim.net/site/guest/annualconference.html>).

Amongst the highlights of the day were our key note speakers. Professor Gelenbe of Imperial College described research to counter DDOS attacks that was firmly focussed on the business need to maintain the quality of service provided by the application. Professor Ford's presentation had a wonderful paraphrasing of Archimedes: 'Give me a place to log in, and with a Botnet I can down the whole world!'. He then toured widely around the challenges we face in cyber security. We also had presentations on the European Network Information Security Agency, the UK National IA strategy and the SIGS and Working Groups we have run during the year.

I would like to thank all the speakers for their support of the KTN and look forward to continue to work with them into the future.

New Competitions

The KTN is planning to hold two more calls for a total of up to four funded working groups. We have started to gather ideas from our SIGS, events, the annual conference panel session and the steering committee, including:

- 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 e.g. emerging risks and counter-measures, threats e.g. cyber-activism;

These are just some ideas to start the process. We will look across the security space, from societal issues to deep technical activities. We are particularly 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. We plan to hold an informal lunchtime session in London for members to discuss their ideas and assess the priorities. Further details to follow.

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" is being run at DTI, 1 Victoria Street on the 9th July.

This workshop will discuss and refine the areas of importance for that research and identify where the research is needed and where the UK has potential to develop world-leading commercial services. 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.

If you are interested in research in this area you are strongly encouraged to attend. The event is free. Further details, and the ability to register, are available online. Please note that this event cannot be booked through Karen Barnett at the KTN, kbarnett@qinetiq.com.

Identity Assurance Event and Follow-Up

As a follow-up to this event we invited attendees to present short position papers which are available on the portal here. A number of participants also attended a follow-up meeting to take these papers forward in a white paper. These discussions led to a focus on the need to identify the requirements, key challenges and barriers to identity management and to make the link between policy makers, investors in research and development and innovators. The KTN steering committee have recommended that this work should be exploited by feeding it into the IAAC strategy for Identity Assurance research which should also provide excellent opportunities for further KTN engagement with IAAC. Our thanks are due to all the participants in this work and we will keep everyone informed of progress.

Update on SIG Activities

The Human Factors Working group has now delivered its reports, which were distributed at the annual conference. Similarly we have white papers on the portal from the Metrics SIG and the Trusted Computing SIG here (<http://www.ktn.qinetiq-tim.net/site/guest/ktnpublications.html>). The next step is to look at how to take forward the recommendations from these SIGS. If anyone has any suggestions or feedback on these reports we would be very pleased to receive it.

The Privacy Engineering Methodology SIG has a clear plan for its report and an emerging strategy to use it as a means to an end, which is the greater recognition and management of privacy risks across high technology developments. The Secure Software Development SIG is making good progress as reported at the annual conference where a number of new members volunteered their services. A related group in the financial sector has been identified which could provide an ideal collaborators to take the recommendations of this SIG forward

Events

A calendar of upcoming events, both those organised by us and others is also available here (<http://www.ktn.qinetiq-tim.net/site/guest/ukevents.html>).

- July 9th: Network Security Innovation Platform Event 'Ensuring Privacy and Consent in Identity Management Infrastructures', DTI 1 Victoria Street
- July 11th, BCS-Information Security Specialist Group Information Privacy Day, BCS Offices, 5 Southampton Street, London, Enquiries to issg-admin@bcs.org.uk ;
- July 12/13: 2nd Conference on Advances in Computer Security and Forensics (ACSF), Liverpool John Moores University, <http://www.cms.livjm.ac.uk/acsf2/> ;

- August 29-31, The Third International Symposium on Information Assurance and Security (IAS'07) <http://www.ias07.org/> Manchester ;
- September 5-7th, 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, 1st International Conference on CyberCrime Forensics Education and Training (CFET), Canterbury Christ Church University (<http://www.canterbury.ac.uk/cfet-2007>);
- September 27th, Adaptive and Resilient Computing Security workshop (ARCS-07), Imperial College, London (<http://www.ktn.qinetiq-tim.net/files/Public/Events/arcs2007-cfp.pdf>).

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