PSC Europe Forum Conference

30 & 31 May 2012

Helsinki, Finland

Venue : Laurea University, Vanha maantie 9, 02650 Espoo, Suomi

Meeting Focus

➢ User requirements for broadband

➢ Convergence of critical governmental networks

➢ Authorities' field command models

➢ Social media and the adaptation of PPDR procedures

MEETING PROGRAMME

30 May 2012
User requirement for broadband;
MONET Dissemination Event;
Convergence of Critical Governmental Networks

- ❑ **08.30 – 08.50 – Registration**

- ❑ **08.50 – 09.10 – Welcoming and opening speeches:**

- ▪ **Manfred BLAHA, PSCE President**

- ▪ **Jaakko TARKKANEN, President of Laurea University**

- ▪ **Finnish approach to Emergency Response and Field Management via Pilots to Standards – Janne KOIVUKOSKI, Director, Rescue Services, Ministry of the Interior of Finland**

- ➢ **Focus on USER REQUIREMENT FOR BROADBAND**

- ❑ **09:10-09:50 – Broadband Data Communication: Harold LINKE (HITEC), Chair of the PSCE WG and Tony GRAY, Chair of the TCCA Broadband WG.**

- ❑ *09.50 – 10.00 Coffee Break*

- ❑ **10:00 – 11:00 – Dissemination event – MONET (Mechanisms for Optimization of hybrid ad-hoc networks and satellite NETworks) project – André OLIVEIRA, TEKEVER**

- ❑ **11:00 – 11:30 – C2POWER: Energy saving for multi-standard mobile terminals using short-range cooperative communications – Olivier PERRIN, Cassidian**

- ❑ **11:30 – 12:00 – Tracking cross-border criminals with satellites: presentation of the SATERISK project and methods for uninterruptable communication based on the DSiP solution – Jyri RAJAMÄKI, Laurea University of Applied Sciences and John HOLMSTRÖM, Ajeco**

- ❑ **12:00 – 12:30 – General Assembly – Part 1 (Statutes and voting)**

- ❑ *12:30 – 13:15 Lunch break*

- ➢ **Focus on CONVERGENCE OF CRITICAL GOVERNMENTAL NETWORKS**

- ❑ **13:15 – 13:45 – Perspectives to the Government Security Network – Olli PELTONEN, Ministry of Finance (Finland)**

- ❑ **13:45 –14:15 – Finland's National Security Network Infrastructure (TUVE) – Jarmo VINKVIST – State Security Networks Ltd**

- ❑ **14:15– 15:15 – Interactive roundtable with Olli PELTONEN, Jarmo VINKVIST, Jean –Luc GUSTIN (Solaris Mobile), Jeremy CRUMP (CISCO) and Danut DIMOFTE (The Special Telecommunications Service, Romania).**

- ❑ *15:15 – 15:30 Coffee Break*

- ❑ **15:30 – 16:30 – Collaborative session between the committees: Consequences of power failures on PPDR communications**

- ❑ **16:30 – 18:00 – PSCE Committee Meetings: Industry, User, Research (including MONET presentations)**

- ❑ **Social event: COCKTAIL at the Laurea University**

PSCEurope
Public Safety Communication Europe

31 May 2012

Authorities' field command models;
Social media and the adaptation of PPDR procedures

❑ **9:00-10:30 General Assembly – Part 2:**

▪ **Report of the President, activity report from the Secretary General**

▪ **Adoption of 2011 accounts and information on 2012 accounts**

▪ **Reports from the committees**

▪ **Confirmation of the vote and appointment of the Board**

❑ *10:30 – 11:00 Coffee Break*

➢ **Focus on AUTHORITIES' FIELD COMMAND MODELS**

❑ **11:00 – 11:30 – Police field commanding: The Role of Supportive ICT & Communication Systems – Sami HÄTÖNEN, the Police College of Finland**

❑ **11:30 – 12:00 – Rescue field commanding: operative actions and ICT perspectives – Kari JUNTTILA, Emergency Services College, Finland**

❑ **12:00 – 12:30 –ISKOS Project (Information System Concept for Public Safety) – Wolfgang VORRABER, Graz University of Technology**

❑ *12:30 – 13:30 Lunch break*

➢ **Focus on SOCIAL MEDIA AND THE ADAPTATION OF PPDR PROCEDURES**

❑ **13:30 – 13:50 – Use of Social Media during crises – Julie CLEMENT, Province of East Flanders, Communication Unit (Belgium)**

❑ **13:50 – 14:10 – Presentation from Dutch Police – Martine VIS, Police Commissioner at Rotterdam police**

❑ **14:10 – 14:30 –Experienced changes in Public Safety procedures– Paul McLAREN, INTRADO**

❑ **14:30 – 14:50 – TEASE project (Trust Enabling Augmented Reality Support for Information Environments) – David LUND, HW Communications and Michael GOLDSMITH (Cyber Security Centre, University of Oxford)**

❑ **14:50 – 15:30 – Interactive roundtable with Julie CLEMENT, Martine VIS, Paul McLAREN, David LUND and Michael GOLDSMITH**

❑ **15:30 Closing of the meeting**

❑ **OPTIONAL: Visit of the Länsi-Uusimaa Rescue Department organised by Laurea University (Registration necessary)**

Dissemination event of MONET (Mechanisms for Optimization of hybrid ad-hoc networks and satellite NETworks) project

The MONET project has established the following high-level objectives:

- To develop a complete understanding of the problems and complexity underlying the highly dynamic and heterogeneous environment of a hybrid MANET-Satellite network;

- To optimize the use of satellite access links in a MANET through mechanisms that propose and implement changes in topology and resources used;

- To provide seamless broadband services to everyone at any time in a hybrid MANET-satellite network thanks to optimized algorithms and network mechanisms;

- To overcome performance bottlenecks and roadblocks in hybrid MANET-Satellite networks to enable a more pervasive and optimized network structure.

More information about the project is available at http://www.ict-monet.eu.

Host of the conference
Laurea University of Applied Sciences

Laurea University of Applied Sciences is a public education and R&D institution in Finland. It serves as a leader at the national and European levels in safety and security research and education. In 2008-2009 Laurea University of Applied Sciences was awarded a unit of excellence designation for its safety and security studies by the Ministry of Education of Finland. Laurea employs an innovative "Learning by Developing" operational model, in which emphasis is placed on involving students in research and development efforts. Laurea has been recognized as a Centre of Excellence for education and regional development five times since 2002, which is the highest number of such awards for any university of applied science in Finland. Laurea operates actively in national and European R&D projects and its international cooperation network includes 180 institutions around the world. Laurea has around 500 personnel and 8 000 students. Laurea offers Master's Degree Programme in Security Competence and Bachelor of Business Administration qualification focuses on Private Security and has advanced specialisation studies in Data Security, Risk Management and International Security Management.

More information is available at: www.laurea.fi

Visit of the Länsi-Uusimaa Rescue Department

Länsi-Uudenmaan
pelastuslaitos

Right after the end of the conference, there will be the visit of the Länsi-Uusimaa Rescue Department organised by the Laurea University.

Situated nearby the conference venue, the Länsi-Uusimaa department of rescue services provides first aid based on the joint action agreement with the health care district. It takes care of first response operations while having chief of duty, divisional officers, sub-officers, fire-fighters and other emergency medical staff on duty round the clock 24/7. More information is available at http://www.lup.fi/en-US.

Due to the limited capacity participants are advised to register as soon as possible (but no later than 22 May 2012) by contacting Hanna-Miina.Sihvonen@laurea.fi.

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PSCE Annual Sponsor

Cassidian is a word leading company of PMR radio systems, terminals, control room 112 call taking, radio dispatching and applications as well as integration of PMR solutions to public safety and civil customers. Cassidian develops, manufactures and distributes to all globally relevant today PMR technologies: TETRA, TETRAPOL and P25 radio infrastructure products as well as radio terminals for TETRA and TETRAPOL.

Cassidian has developed TETRAPOL standard, infrastructure and terminal products during the last 20 years. Nationwide TETRAPOL networks are in operation in France, Spain, Switzerland and Check Republic. Cassidian provides interfaces from TETRAPOL infrastructure to connect fixed and radio dispatching terminals. Cassidian TETRAPOL interfaces can be used to connect a TETRAPOL network to a TETRA network as well as to interface two TETRAPOL networks together with certain set of call functions. Cassidian is working for making the European connectivity of the above nationwide networks with those, provided by other manufacturers (Motorola, Selex).

Cassidian has also developed over the last 15 years a comprehensive TETRA network for rich set of voice and data for multi-organisation communication, based on the European TETRA standard created by ETSI (European Telecommunication Standard Institute). Cassidian TETRA system is the industry leader in large TETRA networks, in functionality and scalability within TETRA systems. Cassidian delivers complete TETRA solutions, providing end-to-end solutions from networks, network management, mobile and control room terminals and services. Over the last 10 years Cassidian has worked together with TETRA industry and operators to develop the ETSI ISI standard. Cassidian has implemented and released the first phase release of this standard, supporting a critical set of TETRA functionalities over the ISI interface. Cassidian objective is to deliver full interoperability of TETRA networks to the existing European nationwide networks, delivered by Cassidian: Sweden RAKEL, Germany BOSNET, Hungary EDTN, Finland VIRVE, Belgium ASTRID, Estonia EDR.

More information is available at: http://www.cassidian.com

Exhibitor

Solaris Mobile provides integrated satellite and terrestrial networks for the delivery of next generation mobile broadband and broadcast services across Europe. The integration of satellite and terrestrial components operating as a single hybrid network can benefit security communications as it provides a powerful and efficient way of enhancing mobile communications harmonised across Europe.

A joint venture company between SES Astra and Eutelsat, **Solaris Mobile** operates a dedicated S-Band payload hosted on the W2A satellite located at 10°East and in 2009 was awarded the rights to 30MHz of paired S-Band spectrum in all 27 EU Member States.

S-Band is at the junction of current PPDR communication systems:

- Wide area satellite coverage and local area terrestrial mobile networks create a highly efficient and cost effective system which is also rapid to deploy on a city-by-city basis. The S-Band spectrum is directly adjacent to UMTS and benefits from the same technology development as 3G and 4G, compatible with small, powerful and low consumption pocket devices priced for volume sales.

- **Solaris Mobile** can provide high capacity broadband networks which could be dedicated to the PPDR sector and benefit from new 4G technologies developed for consumers. This development will support accelerated enablement of PPDR terminals and the transmission of video, audio and the faster downloading of large file data.

- **Solaris Mobile** can provide unencumbered spectrum today for a new breed of next generation networks based principally upon LTE or HSPA+, optimised for the specific use of the public protection, safety and disaster recovery situations.

The current availability **of Solaris Mobile**'s S-Band spectrum provides a unique opportunity to co-ordinate public safety networks across Europe, ensuring greater levels of co-operation and economies of scale, both in terms of network provision and terminal design.

More information is available at www.solarismobile.com

Venue map