

4th – 5th December 2019

PSC Conference in Paris



Use of Drones in Crisis
Management



Space Systems and
Applications for Safety
and Security



Managing Information
Overload in Situation
Awareness Context



Broadband
Communications:
Current status

Conference sponsors



Agenda

4th-5th December 2019, Paris

Wednesday 4 December – Day 1

8.30 – 9.00	Welcome and Registration
9.00 – 9.05	Opening by David LUND, PSCE President
9.05 – 9.20	Welcome by Mr Guillaume Lambert Head of Future Radio Network Programme, French Ministry of Interior
9.20 – 9.50	Exhibitor elevator pitches
9.50 – 10.20	How to improve volunteer management with innovative crisis management solutions? Debrief of the DRIVER+ Trial in Austria and presentation of the Portfolio of Solutions Camilo PALACIO, Austrian Red Cross and Georg NEUBAUER, AIT

Thematic Session – 1

Use of drones in Crisis Management

Chair: Uwe KIPPNICH, German Red Cross (PSCE)

10.20 – 10.40	Lessons learnt from the Notre-Dame de Paris Fire Thomas SOUSSELIER, Paris Fire Brigade
10.40 – 11.00	Usage of Drones in Rescue Operations Eric Rodriguez, SDIS13
11.00 – 11.20	Regulation of Joint Deployment for Using Drones in Civil Protection Michael JUDEX, BBK (Federal Office for Civil Protection and Disaster Management)
11.20 – 11.40	Coffee Break
11.40 – 12.00	Anti-drone detection and tracking Colonel Jean-François MOREL, Direction Générale de la Gendarmerie Nationale
12.00 – 12.20	Tele-controlled multi-sensor UAV via a satellite link Nicolas ZUNHAMMER, Technical University of Munich
12.20 – 12.40	Panel Discussion

Thematic Session – 2

BroadBand Communications: current status and financial aspects

Chair: Harold LINKE, HITEC (PSCE)

12.40 – 13.00	Responders Adoption of FirstNet Richard REED and Jennifer HARDER, FirstNet
13.00 – 14.00	Lunch
14.00 – 14.15	BroadWay to BroadNet: Pan European Public Safety Mobile Broadband David LUND, PSCE
14.15 – 14.35	Status of Broadband Communications in France Préfet Guillaume LAMBERT, Head of Future Radio Network Programme, French Ministry of Interior
14.35 – 14.55	Finnish Mission Critical BroadBand procurement: Virve 2.0 Kari JUNTILA, Erillisverkot Finland
14.55 – 15.10	Panel Discussion

Thematic Session – 3

Space Systems and Applications for Safety and Security

Chair: Harold LINKE, HITEC (PSCE)

15.10 – 15.45	ESA Space Systems for Safety and Security: Air Traffic Management to Quantum Communications: Space Systems for Transport, Critical Infrastructures and Governmental Services Hermann Ludwig MOELLER, ESA ESA Space Based Services for a Safe and Secure Society Laurence DUQUERROY, ESA
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15.45 – 16.15	SATCOM: general capabilities, evolution, applications and Use Cases in the Public Security domain Mark RAWLINS & Ali BELMAACHI, EUTELSAT
16.15 – 16.40	Coffee Break
16.40 – 17.10	Galileo: Emergency Warning Service and Search & Rescue Service Frederic DOMPS, European Commission (DG GROWTH)
17.10 – 17.30	Panel Discussion
17.30 – 18.00	PSCE General Assembly - Approval of the minutes from the General Assembly held in Lancaster, UK - Report of the President and Secretary General : New working processes - Approval of 2020 budget
Starting at 19.00	Social Event

Thursday 5 December – Day 2

9.00 – 9.20	Financing Digital Innovation in Public Safety Communications Pierre-Alain FRANÇOIS, European Investment Bank
9.20 – 9.40	IOT use cases for public safety Joint White Paper PSCE-GSMA Mona MUSTAPHA, GSMA
9.40 – 10.00	Progress on Security certification – Implementation of EU Cyber Security Act Jean Pierre QUEMARD, Alliance pour La Confiance Numérique (ACN)
10.00 – 10.20	Report on the workshop on Mission Critical video Monika BUSCHER, Lancaster University
10.20 – 10.40	European Standardisation in Crisis Management- New developments Patricia COMPARD, Chair of TC 391, CEN
10.40 – 11.10	Coffee Break
Thematic Session - 4 Managing Information Overload in Situational Awareness Context Chair: Monika BÜSCHER, Lancaster University (PSCE)	
11.10 – 11.30	Multimedia platform in Firefighters Control room Michel MONNERET, French Digital Agency for Civil Protection (ANSC)
11.30 – 11.50	How automation can simplify processes and speed up response for control rooms Christophe DUCAMP, Everbridge
11.50 – 12.10	Artificial Intelligence for Public Safety Antti KAUPPINEN, Erillisverkot Finland
12.10 – 12.30	Artificial Intelligence and Machine Learning applied to Public Safety Jeppe JEPSEN, Motorola Solutions
12.30 – 12.50	What are the challenges for managing information on the medical scene? The No FEAR project answers Chaim RAFALOWSKI, MDA
12.50 – 13.15	Panel Discussion
Lunch & end of the Conference	



Conference Venue

The French Ministry of Interior – 40 avenue des Terroirs de France, 75012 Paris, France

Workshops

Third public Warning System Workshop (Article 110 EECc)

This 3rd in the series of three European workshops provides further essential guidance to national Public Warning System (PWS) project teams on preparing for implementation of the new EU rules. As with the two first workshop respectively held in Brussels on May 16 and Helsinki on October 8, this third workshop is designed to help national project teams achieve full

compliance with Article 110 of the European Electronic Communication Code by June 2022. Participants benefit from the shared operational experiences of colleagues about implementing an effective PWS. The workshop features presentations from relevant authorities from Belgium, Iceland, France and Romania which will explain their preparation ahead of launching their PWS.

Mobilising Video for PPDR

The Mission Critical Video technology allows responders to share live images in critical situations, providing new benefits and challenges for PPDR practitioners and society. Field-based, it therefore requires collaboration between practitioners, developers, service providers, governance bodies and researchers. In that respect,

PSCE is developing a Use Case Exchange, a toolbox supporting the dialogue between stakeholders. Following a creative design methodology, the participants will produce a short film of real world interaction with future systems designed to enable better ways of working in PPDR and to bring responsible innovation.

Exhibitors

Everbridge



Everbridge is a global software company that provides enterprise software applications that automate and accelerate organizations' operational response to critical events in order to keep people safe and businesses running faster. Everbridge Public Warning provides a multi-modal approach to protect populations internationally featuring Location-Based SMS. Everbridge Public Warning is used at a country-wide scale and designed to meet European Electronic Communications Code Directive (EECC Directive) and the European Union's General Data Protection Regulation (GDPR).

Eutelsat



Eutelsat is one of the world's leading satellite operators. With a global fleet of satellites and associated ground infrastructure, Eutelsat enables clients across Video, Data, Government, Fixed and Mobile Broadband markets to communicate effectively to their customers, irrespective of their location. Around 7,000 television channels operated by leading media groups are broadcast by Eutelsat to one billion viewers equipped for DTH reception or connected to terrestrial networks. Headquartered in Paris, with offices and teleports around the globe, Eutelsat assembles 1,000 men and women from 46 countries who are dedicated to delivering the highest quality of service

Goodmill



Goodmill Systems is a global market leader in critical broadband connectivity for vehicles, bringing revolutionary multi-channel router solutions that enable outstanding broadband connectivity, and ensuring constant data flow in demanding conditions. Goodmill is the first in the world to provide seamless and reliable switching between the best available broadband data networks, ensuring uninterrupted connectivity even on moving applications such as public safety and security, healthcare and critical public transportation. Goodmill is in fast growth phase. Internationalization is supported by EU Horizon 2020 program grant. Existing customers are often in countries with demanding geographical and climate conditions like Finland, France, Qatar, Kuwait, Norway and Iceland.



Intersec

Leading Big and Fast Data software vendor, Intersec designs innovative platforms enabling companies to leverage their Data lakes. Our disruptive technology crunches and consolidates huge amounts of data coming from heterogeneous network & IT equipment and turns them into actionable insights. Intersec GeoSafe product contributes to public safety and security by enabling key capabilities of mobile network infrastructures. Mass-scale real-time geofencing associated to efficient multi-channel communications over SMS and Cell Broadcast communication bearers unlock optimized dissemination of mobile alerts to population. Furthermore impact monitoring of alert campaign during the crisis gives useful insights to operatives. Intersec has a proven track of records in massive Cell Broadcast, and location retrieval technologies in about 15 countries covering several hundred million people in Europe, Africa, Middle East and North America.



Athonet

Athonet provides a complete in-house software-based LTE/5G connectivity platform that runs in cloud or virtualised data centre environments and on ruggedized hardware. The platform allows customers to break free from the restrictive, expensive, proprietary telco-centric architecture of legacy solutions and embrace the true potential of wireless networks – capturing new sources of revenue whilst also massively reducing CapEx and OpEx. ATHONET enables the transition from the monolithic networks of the past to a new agile connectivity platform for a federation of networks.



DRIVER+

Launched in May 2014, DRIVER+ (Driving Innovation in Crisis Management for European Resilience) is a project funded under the 7th Framework Programme of the European Commission, whose main aim is to cope with current and future challenges due to increasingly severe consequences of natural disasters and terrorist threats, by the development and uptake of innovative solutions that are addressing the operational needs of practitioners dealing with Crisis Management. The project has developed various useful tools for crisis management practitioners including a Portfolio of Solutions, an online database catalogue listing and detailing existing crisis management solutions. Participants will have the possibility to test the Portfolio of Solutions

Posters

NO-FEAR — Network Of practitioners For Emergency medicAl systems and critical care.



The emergency medical care in the EU is a fragmented chain including population, emergency medical services, volunteers, hospitals and cooperation with fire services, police and authorities. It needs to prepare to respond to new threats and assist casualties after security incidents. In response to this challenge, NO-FEAR proposes to bring together a pan-European network of practitioners, decision and policymakers in the medical and security fields. They will collaborate to achieve a common understanding of needs, as well as – in collaboration with academia and industries – increase the EU innovation potential that could better fill the operational gaps and recommend areas for future innovations.AR

HEIMDALL — Multi-Hazard Cooperative Management Tool For Data Exchange, Response Planning And Scenario Building



HEIMDALL is a H2020 project and develops a system for improving response planning strategies and scenario building and facilitating organizational coordination among many actors, integrating a wide range of support tools to be used operationally by a large variety of stakeholders (firefighting units, medical emergency services, police departments, civil protection units, command and control centres). It can be used for training, preparedness and response and integrates existing and newly developed tools. Although the system is flexible and could be used for any hazard the main scenarios considered are: forest fire, flood, flash floods and landslides.

Not a member yet?

Join PSCE now as institutional member and take advantage of a range of benefits!

By joining PSCE, you automatically become part of the strong knowledge-sharing network bringing together users, industry and researchers in the field of public safety communications and information management systems. The diversity within PSCE's membership allows you to maintain regular contacts with your counterparts and other stakeholders in order to share and benchmark your experiences.

By becoming institutional members, your organisation will also benefit from a wide range of other benefits including:

- **Access to enhanced and targeted information (Flash News, White Papers, Surveys, Conference documents)**
- **Facilitated contact with EU institutions to raise awareness about the community needs and topics and provide your contribution through your expertise**
- **Access EU Funded projects (information on funding and partnership opportunities)**
- **Participate to the functioning of PSCE through vote and creation/participation to working groups**

Interested? Visit www.psc-europe.eu for more information or contact us at secretariat@psc-europe.eu

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