

## *Open project : Federated Test bed for European Public Safety (FT PSC )*

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## PSCE. Research Initiative (SRI)

- PSCE - **Public Safety Communication Forum Europe**  
([www.publicsafetycommunication.eu](http://www.publicsafetycommunication.eu))
- SRI is engaged in aggregating and benchmarking research projects results of different research projects and initiatives into one cohesive vision for the European research roadmap and development strategy platforms
- This initiative will be the voice and space of the safety researchers to come to disseminate and cross-network with peers to define future first responders requirements, evolution of standards, evolution of Safety technologies

## SRI objectives

- To develop Vision of Future Public Safety Communication (PSC) in Europe and in the World.
- To define the evolutionary path (Roadmap) in PSC technology development. To identify the key element and milestones in PSC Technology Development Road Map.
- **To facilitate and establish new R&D projects**
- To develop a research agenda for PSC and establish a dialog and consultations with national and international research programs on its implementation (FP, **EURECA/Celtic**, Security research programme, National R&D agencies)
- To establish a permanent SRI WG within the PSCE
- **To organize workshops , conferences , educational and coordination activities**

## Key PSC research interests areas

- PSC from system perspective
- NGN and PSC (Heterogeneous networks incl. public, private and ad hoc networks)
- **Federated test bed for European PSC**
- Interoperability at network and information levels
- Information centric PSC
- Integration of CIIP and PSC systems
- Improvements /modifications of existing systems

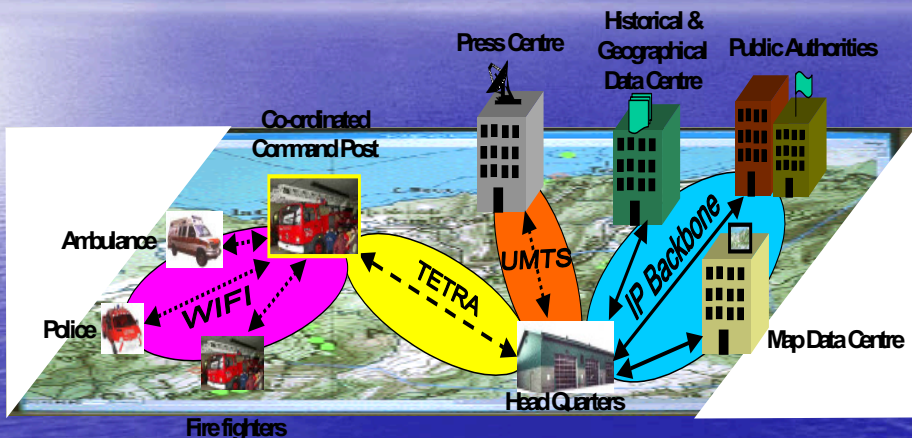
# Project information

- FT- PSC was established as an open project
- Established jointly by PanLab ([www.panlab.net](http://www.panlab.net)) and SRI PSCE ([www.publicsafetycommunication.eu](http://www.publicsafetycommunication.eu))
- The FT-PSC project is building federated European test bed for interoperability testing of public safety communication and information systems.
- The FT PSC is going to use and coordinate activities of several projects that will be using different instruments and funding possibilities provided by FP, CELTIC, Interreg, National and industrial research programmes.
- The first FT PSC CELTIC proposal was submitted, TETRA MOU EoI received

# Project objectives

- FT PSC will make possible to test large scale heterogeneous communication systems including GPRS, UMTS, WLAN, WiMax, PMR (TETRA, TETRPOL, P25).
- Cooperation with PanLab, PlugTest initiative of ETSI and Public Safety Communication Europe Forum (PSCE)
- Will establish an administrative and legal framework for permanent entity for interoperability and conformance testing in Europe for public safety.
- Project will develop evolutionary road map for further development, field trails and conformance testing for European public safety.
- FT- PSC project field trials will involve international participation of public safety user organisations

# FT PSC - setting testing environment for Heterogeneous PS Network.

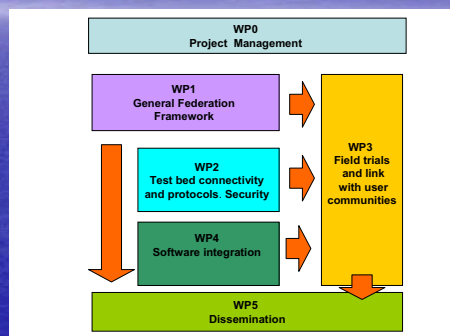


# FT-PSC CELTIC proposal

Company name	Country	Type of organisation					Name of contacted person
		I	T	S	U	R	
1.Université Luxembourg -UL	du				*		Adrian Boukalov
2.Ministère d'Etat-CCG	Luxembourg					*	Carlo Simon
3.Entreprise des Postes et Télécommunications-EPT	Luxembourg	*					Kate Yeadon
4.Technical research center of Finland- VTT	Finland					*	Tommi Rätty
5. Decode Research Group,BIT Research Centre,Helsinki University of Technology- TKK	Finland				*		Lauri Repokani
6.NetHawk	Finland	*					Jukka Palokangas
7.Thales Communications	France	*					Hervé Alache
8.EADS-Secure Networks	France	*					Thierry Deniaud
9.Fraunhofer Fokus	Germany					*	Sebastian Wahle
10.Technische Universität Berlin- TUB	Germany				*		Fikret Sivrikaya
11. Starhome	Israel				*		Shai Ophir
12.Korak Slovakia, s.r.o.	Slovakia				*		Milan Mracko
13. Ardaco, a.s.	Slovakia				*		Tomáš Kríštofič
14. Ministry of Interior, Section of Crises Management and Civil Protection - SKMCO	Slovakia				*		Ján Repa
15.Gotive, a.s.	Slovakia				*		Anna Rosivalová
16.Atos	Spain	*					Nuria de Lama Sánchez
17.CNR	Italy					*	Raffaele Bruno

# Project structure

- WP0 Project management
- WP1 General Federation Framework
- WP2 Test bed connectivity and protocols. Security
- WP3 Field trials and link with user communities
- WP4 Software integration
- WP5 Dissemination



# FT PSCE CELTIC proposal partners – test beds for federation

- EADS PMR test beds
- Fraunhofer
- Tech. Univ. of Berlin test bed
- UL u2010 project based test beds
- Slovakian National PSC test beds
- Finnish test beds (surveillance scenario)
- CNR/Pisa local test bed

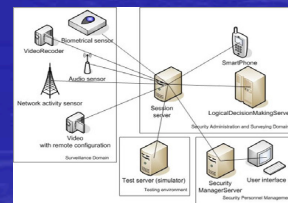
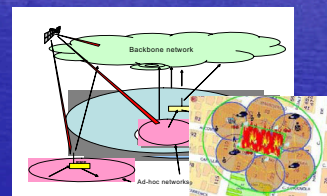
Associated partners test beds:

- CISCO PS lab test bed
- JRC test C3 test bed

# FT PSC CELTIC proposal scenarios

Three scenarios to be considered:

- Large scale international disaster management scenario (C3 based)
- Deployable broadband network scenario
- Surveillance scenario (related to FIN test bed/VTT)



# FT PSC. The current status.

- First FT PSC CELTIC Call 6 proposal was submitted
- EoI from TETRA MoU received
- ESA FT PSC open project proposal for Satellite Component is in establishing phase
- Interreg programme based funding options to be considered

## FT PSC project

- is open and welcome participation of new partners including partners outside the European Union.
- More information is available at:  
[www.panlab.net/initiatives/psc.html](http://www.panlab.net/initiatives/psc.html)