**Global solution for interoperability between PPDR communication systems**
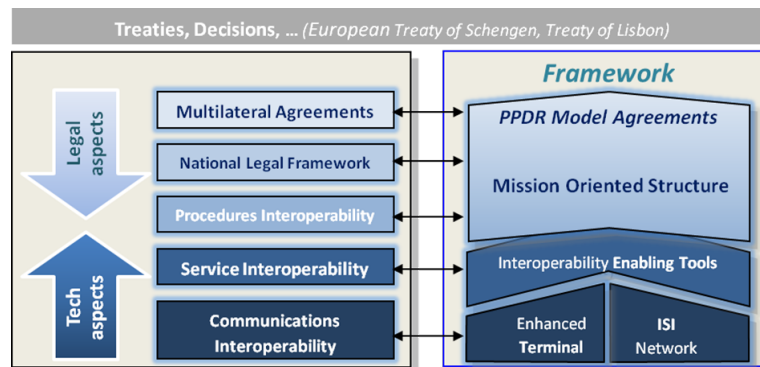
Short project description

*PSCE 2016*
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The Inter System Interoperability for Tetra-TETRAPOL Networks (ISITEP) is a European Union project funded within the EU-FP7, in the Sub-program of SEC2012.5.34 "Global solution for interoperability between first responder communication systems - Integration Project".

Started on September 2013 and ending on December 2016, the ISITEP project pursues the vision of allowing first responders of the 11 ISITEP federated countries to seamlessly interoperate overcoming current legal, operational and technological barriers. New European entrants will be easily federated into the ISITEP European network to achieve seamless interoperability.



To achieve ISITEP's vision, the project develops procedures, technology and legal agreements to achieve a cost-effective and coherent framework for PPDR interoperability (see Figure 1).

This framework is based on the following pillars:

- A mission-oriented model encompassing procedures, functional models, and legal agreements.
- A cross-national communication infrastructure integrating the national PPDR networks through inter-systems interfaces.
- Multi-standard terminals based on smart technologies empowered by PPDR specific applications.
- Interoperability enabling tools to improve filed forces fast response.

Through the proposed framework, PPDR agencies can achieve in the short term a cross-national interoperability that leverages existing technologies but is open to the benefits offered by emerging technologies in the long term. The framework is expected to offer an economically sustainable solution compliant with service procedures and regulatory frameworks.