“eCall integration into the PSAPs infrastructure”

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ITS Lyon 2011, Special Session 24, 7 June 2011
Ministry of Transport
- National Road Safety Strategy
- Satellite Navigation and related applications
- Transport Research and Development
- Brussels activities (Transport Council WG, EC, GSA partner of ERTICO, eSafety)
Responsibility for the eCall issues

Directorate General for Fire Rescue Services

- Rescue interventions
- 112 implementation
- Brussels activities (eCall implementation platform)
Description of the pilot site structure:

- Decentralized PSAP architecture
- PSAP technology already upgraded for E112
eCall Czech Pilot

- Strict implementation of European eCall Standards
  - Pan-European eCall Operating Requirements
  - Minim Set of Data
  - In-band modem transmission protocol
  - High level Application Protocols

- eCall service on the PSAP side integrated into the existing technology of E112 as much as possible

- eCall Pilot project will be realised on “testing platform”
High level architectural design
eCall Czech Pilot

- **Pilot streams:**
  1. IVS, MSD
  2. Network
  3. PSAP upgrade
  4. (eCall certification)
  5. Cross-border interoperability

**Pilot stream: IVS, MSD**
- To test functionality of IVS from MSD, transport protocol and HLAP requirements
- Some of tests can be performed in an isolated mode, some of them requires interworking with a respectively upgraded PSAP
Pilot stream: Network

- eCall discriminator / eCall Flag evaluation and provision of proper eCall routing
- Testing the Mobile Network Operator configuration

Principle of eCall discriminator qualified routing
eCall Czech Pilot

Pilot stream: PSAP
- PSAP upgrade
- Operation and Processes
- Full chain Emergency Management

Principal scheme of PSAP upgrade
Thank You!

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