

# **eSafety Forum – WG “eSecurity”**

In-vehicle communication, Telematics & Cooperative  
Systems: Workshop on Security and Privacy Issues,  
Brussels, 27 May 2008

Emilio Dávila Gonzalez, Wolfgang Höfs  
European Commission  
Directorate-General Information Society and Media  
Unit G.4 – ICT for Transport



# Content

- Meeting objectives
- Past, present & future
- Agenda & organisational matters



# Meeting objectives

- **Presentation** on present status of the eSecurity Working Group
  - Draft report
  - Four subtopics
    - Legal aspects
    - Inspection
    - Organisational requirements
    - Quality assurance
- **Discussion** on security issues
- **Discussion** on privacy issues



# Past, present & future (1)

- **Cooperation** with the Art. 29 working party on privacy issues regarding eCall
- **Workshop** on “In-vehicle telematics and cooperative systems – Privacy and data protection” on 13 February 2007 – *a trigger for the eSecurity WG*
- **WG eSecurity** established by the eSafety Forum, starting on 23 April 2007 (+ four more meetings up to now)
- **Objectives:**
  - Investigation of security needs
  - Integration of RTD initiatives to support the introduction of security technologies
  - Provision of qualified recommendations



## Past, present & future (2)

- **Draft report** available for discussions at present
- Reporting to **eSafety Steering Group** on 28 May 2008
- **Results of today's discussions** and **other contributions** to be assessed and integrated
- **Finalisation** of recommendations to be scheduled
- Parallel **research activities**, supported by DG INFSO:
  - SEVECOM actively working on security issues
  - PRECIOSA starts contributing since 01 April 2008
  - EVITA still under negotiation, but prepared to support



# Agenda & organisational matters (1)

- 09.00 **Registration**
- 09.30 Welcome and Introduction / Workshop Objectives, *European Commission, DG INFSO, Unit G.4 – ICT for Transport*
- 09.45 eSecurity WG
  - *Motivation (5 min.), Antonio Kung, Trialog*
  - *Presentation of the Draft Report (10 min.), Christoph Ruland, Universität Siegen*
  - *Prerequisite: Legal aspects. (15 min.), Gloria Pellischek, ERPC GmbH*
  - *Prerequisite: Inspection (15 min.), Marcel Vierkötter, BAST*
  - *Organisational requirements (15 min.), Joachim Scholten, BMW*
  - *Measures for QA and responsibilities (15 min.), Claude Daulaud, Ministère de l'industrie*
  - *Discussion (30 min.)*
- 11.30 **Break**



# Agenda & organisational matters (2)

- 12.00 Handling Security Issues
  - *Trusted Computing for Automotive Systems (15 min.),* [Thomas Wollinger, ESCRYPT](#)
  - *Secure Vehicle Communication (15 min.),* [Frank Kargl, Universität Ulm](#)
  - *Discussion (30 min.)*
- 13.00 Lunch break
- 14.00 Handling Privacy and Data Protection Issues
  - *Privacy Friendly Pay-as-you-drive Insurance (15 min.),* [Carmela Troncoso, KU Leuven](#)
  - *Privacy Protection in Database Systems (15 min.),* [Christoph Freytag, Humboldt Universität Berlin](#)
  - *Industry Solutions for Privacy Protection (15 min.).* [Jonathan Price, Oracle](#)
  - *Viewpoint of Article 29 WG Party and Data Protection Agencies (15 min.),* [Johanna Carvais, CNIL](#)
  - *Discussion (30 min.)*



# Agenda & organisational matters (3)

- 15.30 **Break**
- 15.45 **Challenges Ahead**
  - *Research Challenges (15 min.), [Panagiotis Papadimitratos, EPFL](#)*
  - *Towards Recommendations (15 min.), [Christoph Ruland, Universität Siegen](#)*
  - *Discussion (30 min.)*
- 16.45 **Conclusions & Adjourn**

