

[Joint eSecurity WG - Article 29 WG meeting

Antonio Kung

[Participants

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- Emilio Davila, EC
- Lina Konstantinopoulou, ERTICO
- Fulvio Sansone, Mediamuse
- Yiango Yiangoullis, KU Leuven
- Christophe Geuens, KU Leuven
- Carmela Troncoso, KU Leuven
- Claudia Diaz, KU Leuven
- Stefaan Motte, NXP
- Karsten Neumann, German DPE
- Isabelle Chatelier, EDPS
- Laurent Beslay, EDPS
- Johanna Carvais, CNIL
- Sabine Spell, VW
- Tom Gasser, BAST
- Marcel Vierkoetter, BAST
- Frank Kargl, U.Ulm
- Gloria Pellischek, ERPC
- Jürgen Hörmann, ERPC
- Nol Venema, Technolution
- Endre SZABÓ, Hungary DPE
- Monica Schetino, Ertico
- Cristina Dossantos, U.Namur
- Vasilis Zorkadis, Hellenic Data Protection Authority
- Martin Kost, Humboldt University
- Christoph Ruland, U.Siegen
- Barbara Raither, Trialog
- Antonio Kung, Trialog
- Kiliaan van Wees, VU University Amsterdam
- Joachim Scholten, BMW

Context

Timeline

- **End 2006:** Article 29 WG study on e-call
- **Feb 2007:** Workshop on privacy
- **May 2007:** Presentation of SeVeCom to Article 29WG
- **May 2008:** eSecurity WG workshop
 - » Agreement to provide a draft action plan to Article 29WG
- **Mar 2009:** Presentation of action plan to Article 29WG
- **Mar 2009:** Article criticizing CVIS
 - » Big Brother is watching: surveillance box to track drivers is backed
 - <http://www.guardian.co.uk/uk/2009/mar/31/surveillance-transport-communication-box>
- **Jul 2009:** EDPS Opinion

- **Oct 2009:** *First round table*

[Threats for ITS



Web server
Storage
Pay as you
Drive
eTolling



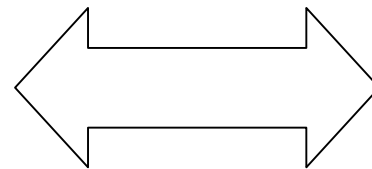
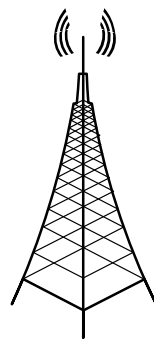
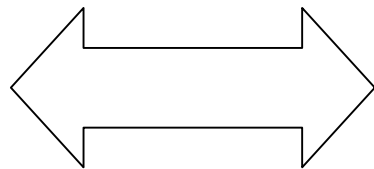
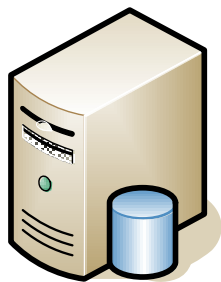
Telematics over the air
Communication

eCall



In-vehicle
Storage

[Threats for V2X



**Web server
Storage**

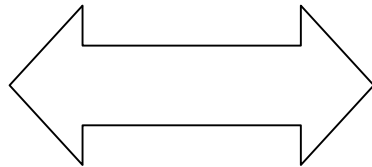
**Internet
Communication**

**RSU
Storage**

**V2V
Communication**

**In-vehicle
Storage**

[Threats for V2V



**In-vehicle
Storage**



**V2V
Communication**



**In-vehicle
Storage**

[Observations

- Many applications!
- The same application could have many variants
 - E.g. 17 pay per use applications
 - » 3 not privacy invasive
 - » 7 medium privacy invasive
 - » 8 very privacy invasive
- Case by case validation authorisation could be a problem

[Proposal

- Get a common understanding
- Work out relevant measures and approaches
 - Application designers using those measures should be very likely to get data protection agencies authorisation
- Use case work format in a number of meetings

[Understand Each Other

Safety policy
viewpoint

Privacy is an issue that
must be taken into account

Data
protection
viewpoint

Is this new?

you identified who will be liable?
Go for privacy by design and
Best available techniques

ITS App
viewpoint

What is the cost?
Is privacy an issue?
User will sign an agreement

Privacy
Technology
viewpoint

You can use the Sevecom or
Preciosa approach

Privacy by design is about architecture
policies and techniques

[Thanks