



Standards for Business

The Expert Meeting on eCall Olten, CH

2 December 2005

ETSI & eCall

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ETSI Secretariat

ETSI committees involved in eCall

□ 3rd Generation Partnership Project

A collaborative agreement between Standards Development Organizations (SDOs) and other related bodies for the production of a complete set of globally applicable Technical Specifications and Reports for:

- the Global System for Mobile communication (GSM) including GSM evolved radio access technologies (GPRS/EDGE/GERAN)
- a 3G System based on the evolved GSM core network and the Universal Terrestrial Radio Access (UTRA), FDD and TDD modes;

ETSI committees involved in eCall

□ ETSI Mobile Standards Group

- TC MSG interfaces between 3GPP and the requirements arising from the European regulations

- TC MSG is a small group, European-only, with high level mobile expertise

ETSI committees involved in eCall

- ETSI ERM TG37 (Intelligent Transport Systems)
 - TG37 mainly works on Dedicated Short-Range Communications (DSRC) and Continuous Air interface for Long and Medium (CALM), closely collaborating with ISO/TC204 and CEN/TC 278
 - Concerning eCall, TG37 develops the specification of the MSD

ETSI committees involved in eCall

□ ETSI SC/EMTEL (Emergency Communications)

- ETSI is currently defining the user requirements for the four main areas of emergency communications:
 - communication from citizens to authorities/organizations (emergency calls)
 - communication between authorities/organizations (public safety communications)
 - communication from authorities/organizations to citizens (warning systems)
 - communication amongst citizens during emergencies

ETSI activities on eCall

1. ETSI committee EMTEL studied the eCall MoU and proposals for implementation (based on UUS) (Sept 04)
2. Preliminary analysis in ETSI showed that UUS may not be the best solution, and the User requirements need further clarification.
3. ETSI received a request from DG InfoSoc to
 - *“Initiate in ETSI the necessary work for standardization of the necessary interfaces, protocols and data messages...”*with the participation of all related ETSI committees (Jan 05).

ETSI activities on eCall

4. **TC MSG started and coordinates eCall standardization activity in ETSI. A kick off meeting was held (3 - 4 May 05) with participants from mobile industry, automotive industry, European Commission, eCall Driving Group.**
 - **A work schedule and a set of high level service requirements were agreed.**
 - **The expertise in mobile standards lies in 3GPP: the outcome of the kick off was sent to 3GPP SA WG1 (Service requirements) for fine tuning.**
 - **3GPP will study and standardise the mobile network architecture needed to meet these requirements**

ETSI activities on eCall

5. A Work Item on eCall was approved in 3GPP in June 05, and 3GPP SA WG1 started work on a Technical Report that details the requirements of the service:
 - TR 22.967, “Transferring of Emergency Call Data”, scheduled for completion in March 06.

ETSI activities on eCall

6. TC MSG had a follow-up meeting (15,16 Nov 05) where the developments of the different stakeholders where reviewed.
 - In particular, the open issues in SA WG1 where reviewed and a response was provided
 - In order to speed the work, it was agreed to hold a joint Workshop with the relevant 3GPP WGs on possible architecture solutions (end of January, precise dates an venue TBD)

What's next

- TC MSG Workshop on solutions for supporting eCall
end of January 2006 (if necessary)

- 3GPP SA WG1 #31
13 – 17 February 2006, Denver, Co, US

Questions

- ❑ **Stable User Requirements**
- ❑ **Future poof concept**
 - **UMTS, NGN**
- ❑ **E112 implementations**
 - **Availability (implementation status)**
 - **Harmonized PSAP connections**
- ❑ **UUS is rarely implemented**
- ❑ **Regulation**
 - **E112 is regulated as a Universal Service**
 - **Data transmission is not regulated as a Universal Service**
- ❑ **GSME position paper**

Links



□ ETSI Portal

- http://portal.etsi.org/Portal_Common/home.asp

□ Work Programme

- <http://webapp.etsi.org/WorkProgram/Expert/QueryForm.asp>

□ GSME

- <http://www.gsmworld.com/gsmeuropa/index.shtml>

The challenge



□ To bring together

- the ITS industry, and
- the ICT industries

... and eCall is only one of many examples

Thank you