



eCall Driving Group Summary of decisions taken

This note summarise the decisions taken in the eCall DG till date.

Four major decisions has been taken:

- Use of 112 for both manual and automatically generated in-vehicle emergency calls (eCalls)
- Transmission of a defined Minimum set of Data (MSD) directly from the vehicle to the PSAP using the 112 infrastructure
- Use of a common vehicle protocol is a requirement
- Obtain consensus on the way to deploy eCall through a Memorandum of Understanding (MoU)

The following reasoning lies behind:

- The automatic trigger is a key added value compared to dialling 112, with proven faster emergency response.
- Handy-based system is lowering the chance to connect in case of crash than embedded in-vehicle systems (IVS). IVS can be used for other purpose assuming that a clear priority is granted to eCall, in order to reduce global application cost.
- Precise location is a key element, cell location (E112) is inadequate, as Telco are in best effort duty and do not have medium term business plan for precise location services.
- Emergency Agencies (EA) must get in same time and at the same place the Minimum Set of Data and voice. Agreed MSD is:
 - Time stamp
 - Precise Location (*simple enough to be used by PSAP without investment, maintenance and training, from single GPS coordinates to a few*)
 - Vehicle identification
 - Service Provider Identifier (*may vary by Brand, and over vehicle life time*)
 - E-call qualifier (*as a minimum a indication stating if the eCall has been manually or automatically initiated*)
- MSD is sent directly to PSAP according with local 112 rules – regardless of whether the PSAP is a public body or a private organisation working under the regulation of a public body.
- Other information, like what triggers has initiated the automatic eCall, would help EAs from case to case, but are mostly enhancing efficiency without critical necessity.



Signature process of MoU:

- MoU drafted by the co-chairs. Expected final draft for comments to be released mid March 04
- Stakeholders (vehicle makers, Telecom Operators, Public Authorities, Service Providers, Car clubs, Insurance etc.) are through the eCall DG and the ERTICO Public Authority Sector Platform invited to comment –deadline for comments 1 April 2004
- Member States will officially be invited to give comments (period 1 April to 1 May 2004)
- Final MoU released for signature 20 May 2004
- Signature event where a few key stakeholders sign together will be arranged e.g. at the Budapest ITS Conference (24-26 May 2004)

Expected deployment process:

- The MoU as a minimum defines the agreed act within the first 12 months:
 - o Define an overall European work plan
 - o Studies on status on E112 implementations, economics related to introduction and definition of a deployment road map.
- Expected results will be an agreed implementation road map with supporting business plans