



■ Mission

- Define a consistent and future-proof solution to the problem of V2V/V2I security

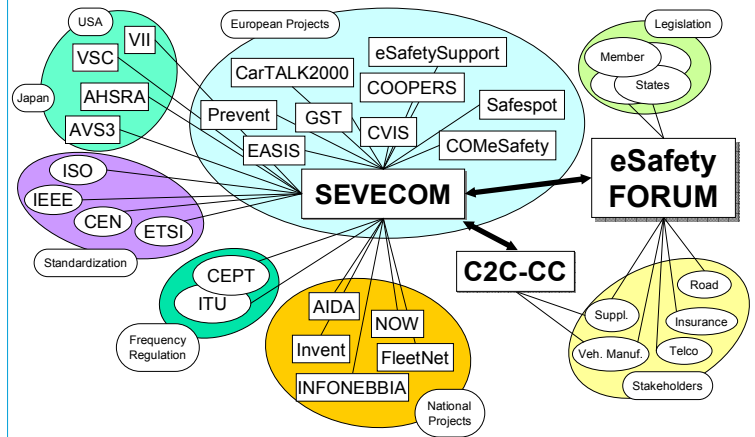
■ Focus

- Communications specific to road traffic
 - Messages related to traffic information
 - Anonymous safety-related messages
 - Liability-related messages

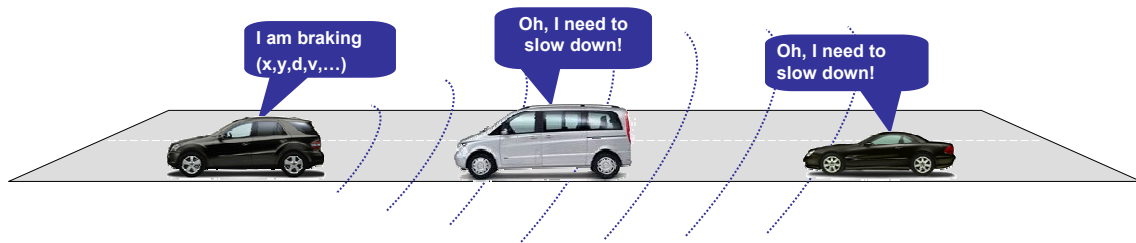
■ Approach

- Collaboration with eSafety projects
- Collaboration with the C2C consortium

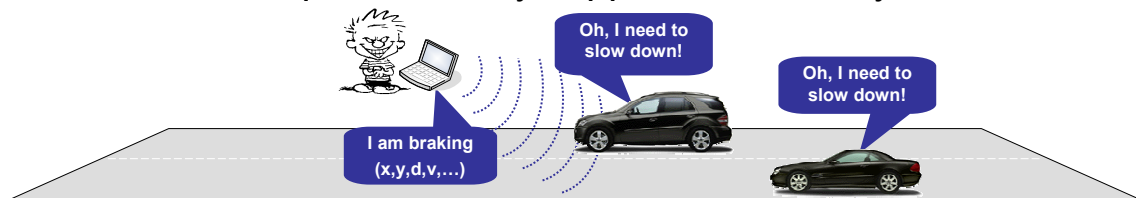
■ Research and Standardization



■ Sharing information among vehicles helps to improve safety



■ However, inadequate security support could easily result in...



■ Architecture and security mechanisms

- Provides the right level of communication and in-vehicle protection
- Addresses issues such as liability versus privacy

■ Fully addressed topics

- Key and identity management
- Secure communication protocols (including secure routing)
- Tamper resistant devices and decision on crypto-system
- Privacy

■ Investigated topics

- Intrusion detection
- Data consistency
- Secure positioning
- Secure user interface

■ Consortium



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