

# Twiiif

Jan van Hattem

Rijkswaterstaat

[Jan.van.hattem@rws.nl](mailto:Jan.van.hattem@rws.nl)

# Twiiif

- Telematics What Is It for?
- Terms of reference: security and safety and benefits for actors and public

# Problem – need - benefit



Safety issues  
Need for  
Regulation

high safety  
cost of safety  
paperless transport  
inspection

paperless transport  
more transport volume  
fast emergency response  
easy inspection  
better compliance

# Actors

- Regulating bodies
  - Transport companies, LSP
  - Truck builders
  - Software houses for transport and fleet management
  - Chemical companies (f.i.Cefic)
  - Transport inspection
  - General public
  - Emergency services
- 
- There is no value free technology !

# Present situation

Road side: emergency service  
have no information

LSP: full control of logistic information  
between companies involved and truck

Client company

Web interface for  
tracking and tracing

On Board Unit



FMS

Transport management system

Truck

Driver

Transport company

# HGV eCall practical situation 1

Road side

LSP data available thru PSAP system

HGV eCall

PSAP

- dispatch emergency services
- Road operator

Basic DG data  
Bulk

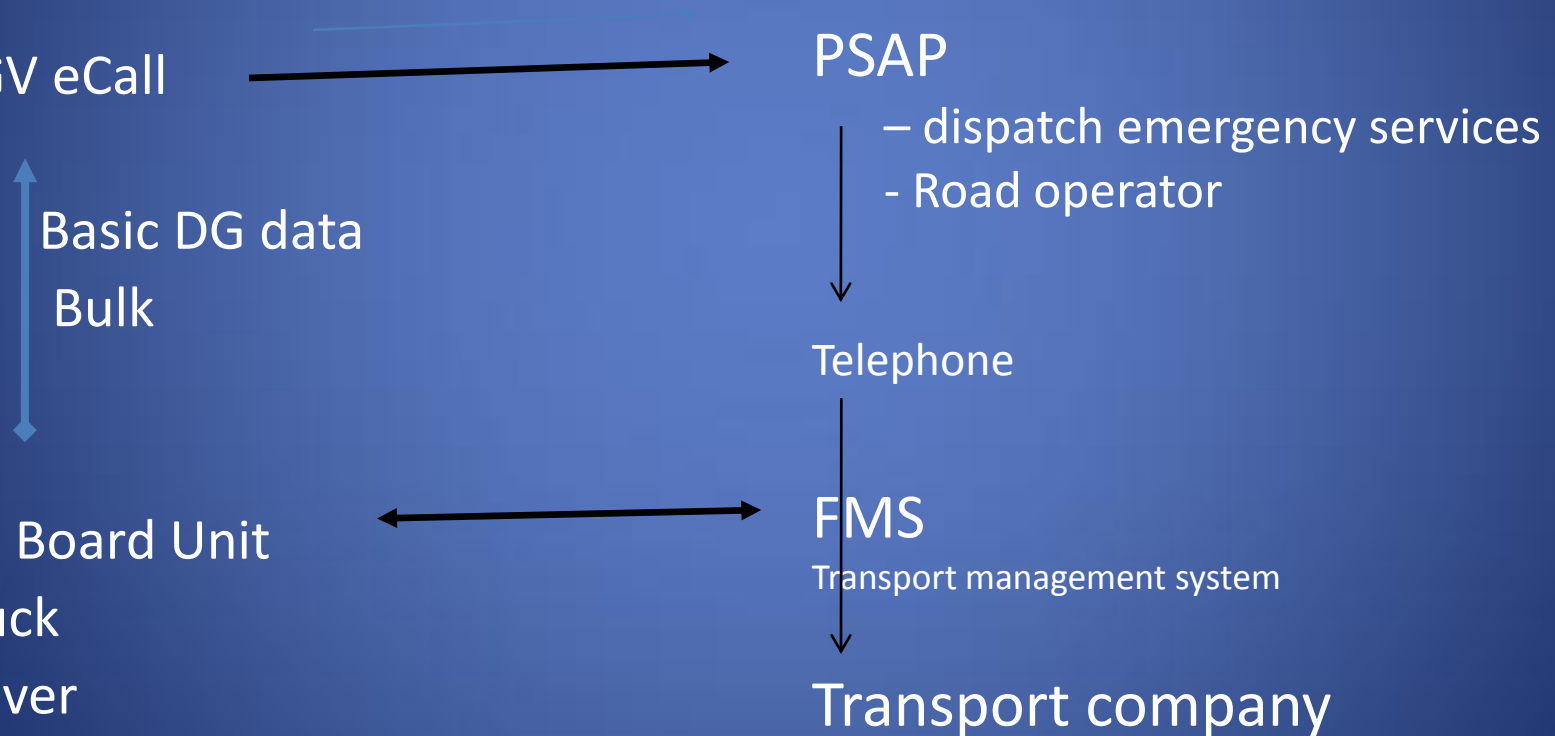
Telephone

On Board Unit  
Truck  
Driver

FMS

Transport management system

Transport company



# HGV eCall practical situation 2

Road side: emergency service have no information

LSP data available thru PSAP system

HGV eCall

PSAP

- dispatch emergency services
- Road operator

key

package transport

Web interface

On Board Unit

FMS

Truck

Driver

Transport management system

Transport company

# Present

## Actors/benefits:

- Transport companies
- PSAP 1 & 2 level
- Emergency services
- Road operators
- Public

Arena: CEN HGV eCall, UN WG 15, TLN, Deufraco, Tarv,  
German study



# Future

- Expand experience from practical work into the definition of HGV eCall.
- In accordance with needs of the all actors involved including UN, emergency operators,