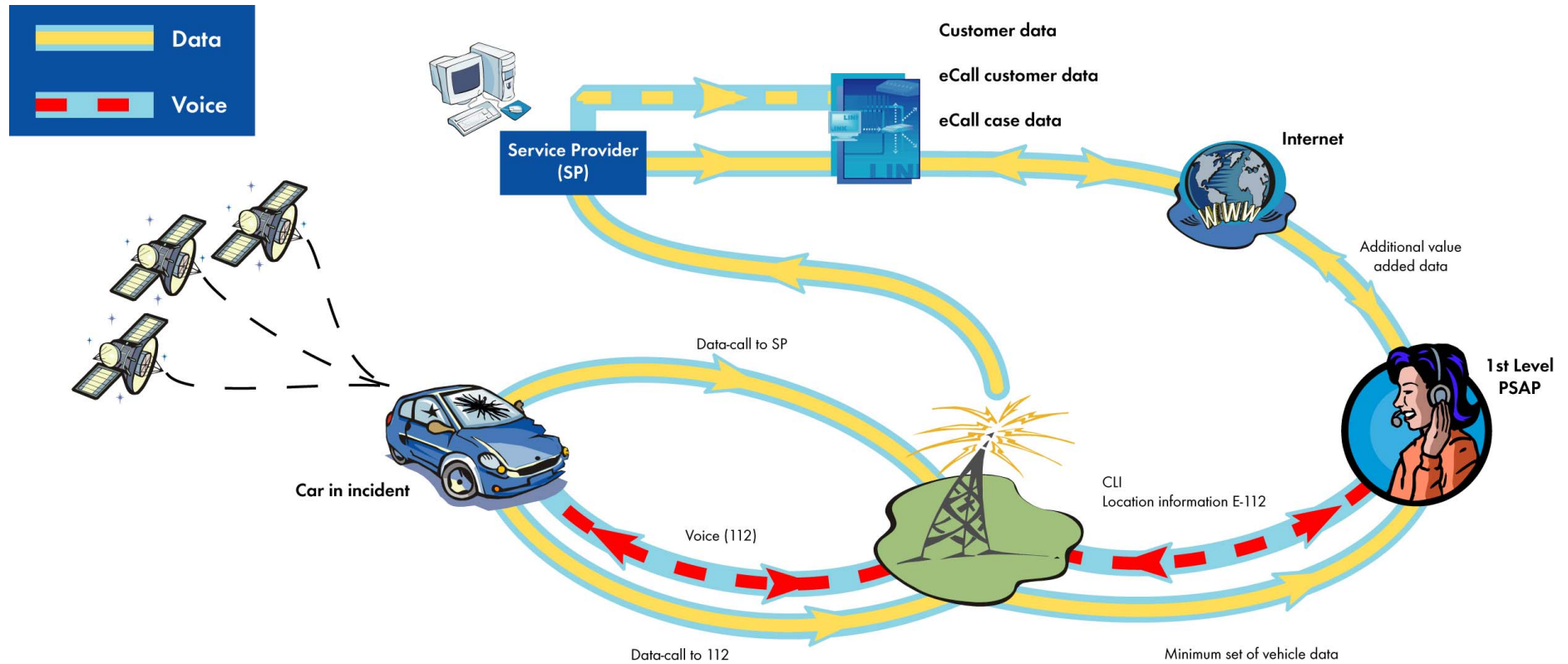


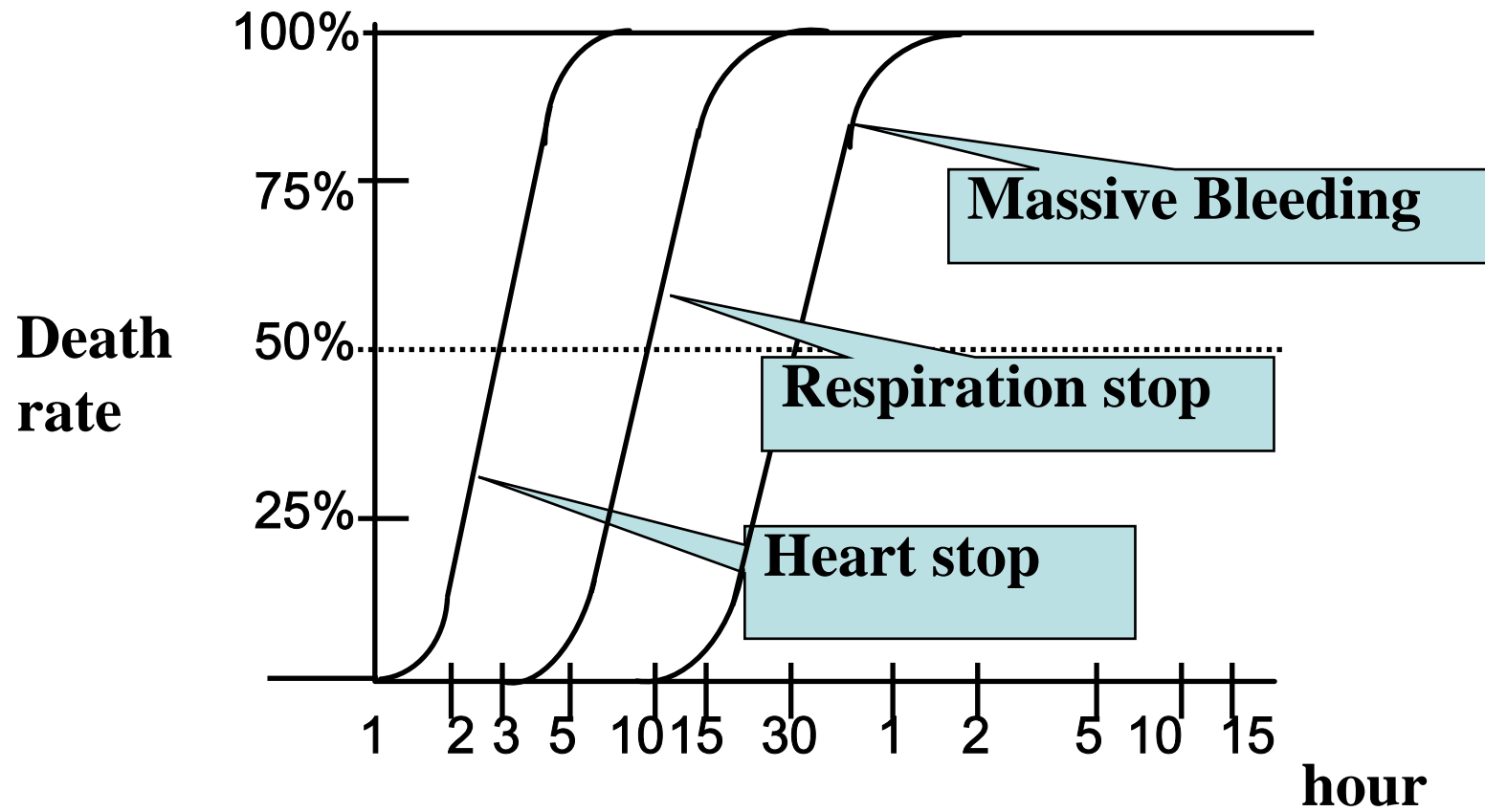
eCall

Exploring eCall potential for
integration with TMC/TCC – TIC –
EM – V2V – V2i

eCall architecture EU

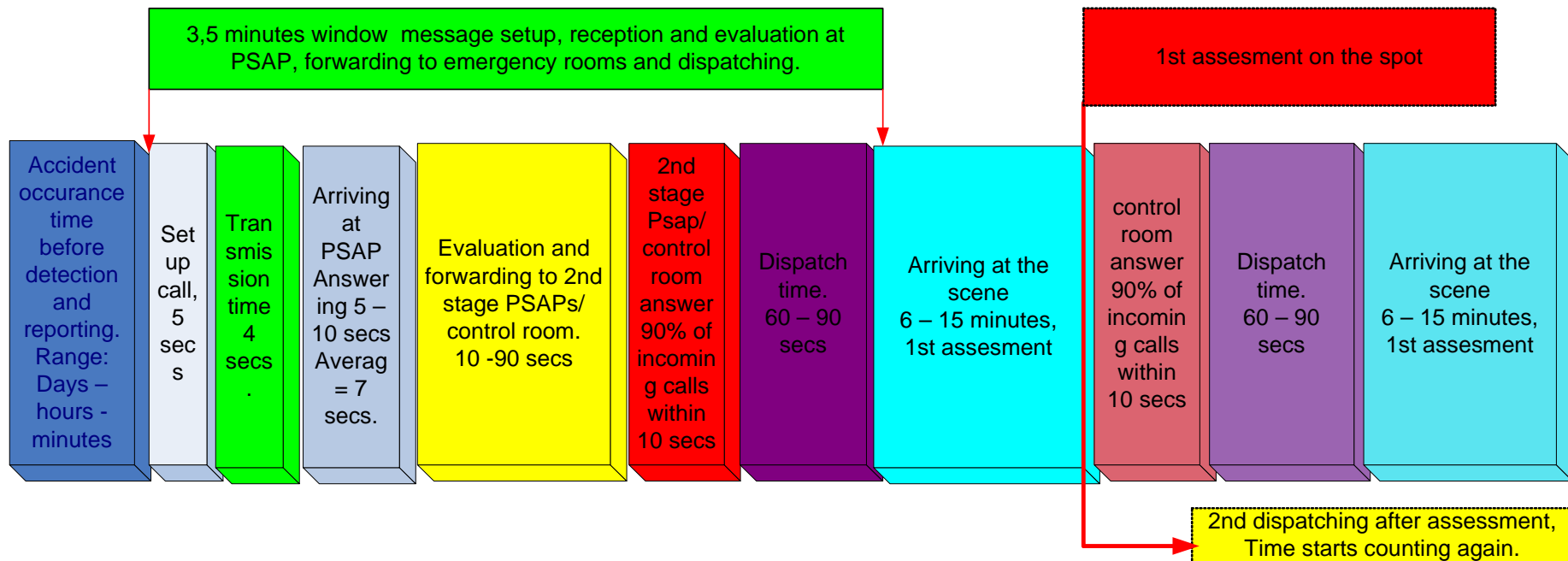


The Golden Hour



Dr. M.Cara 1981

Timeline without MSD

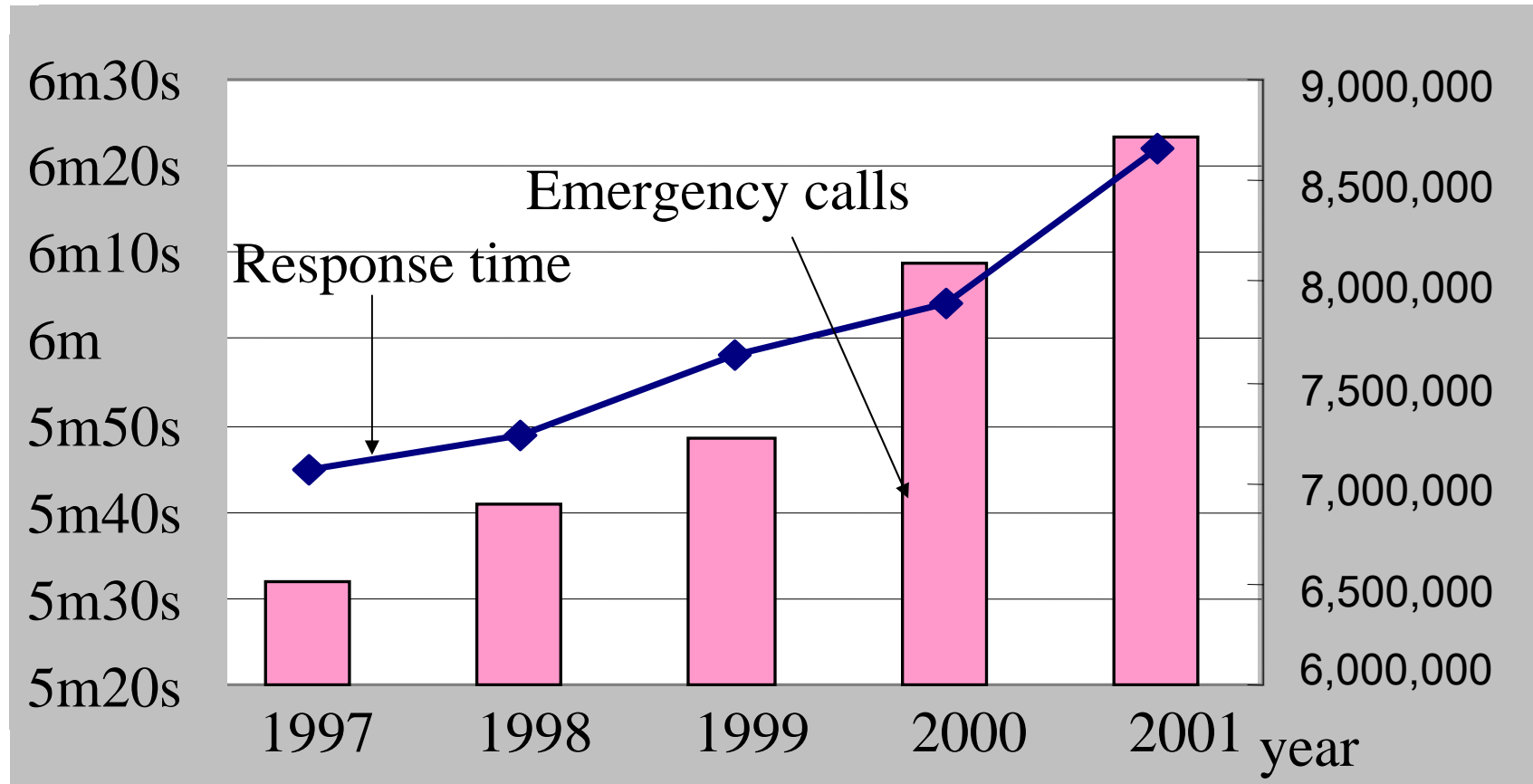


Solution without MSD

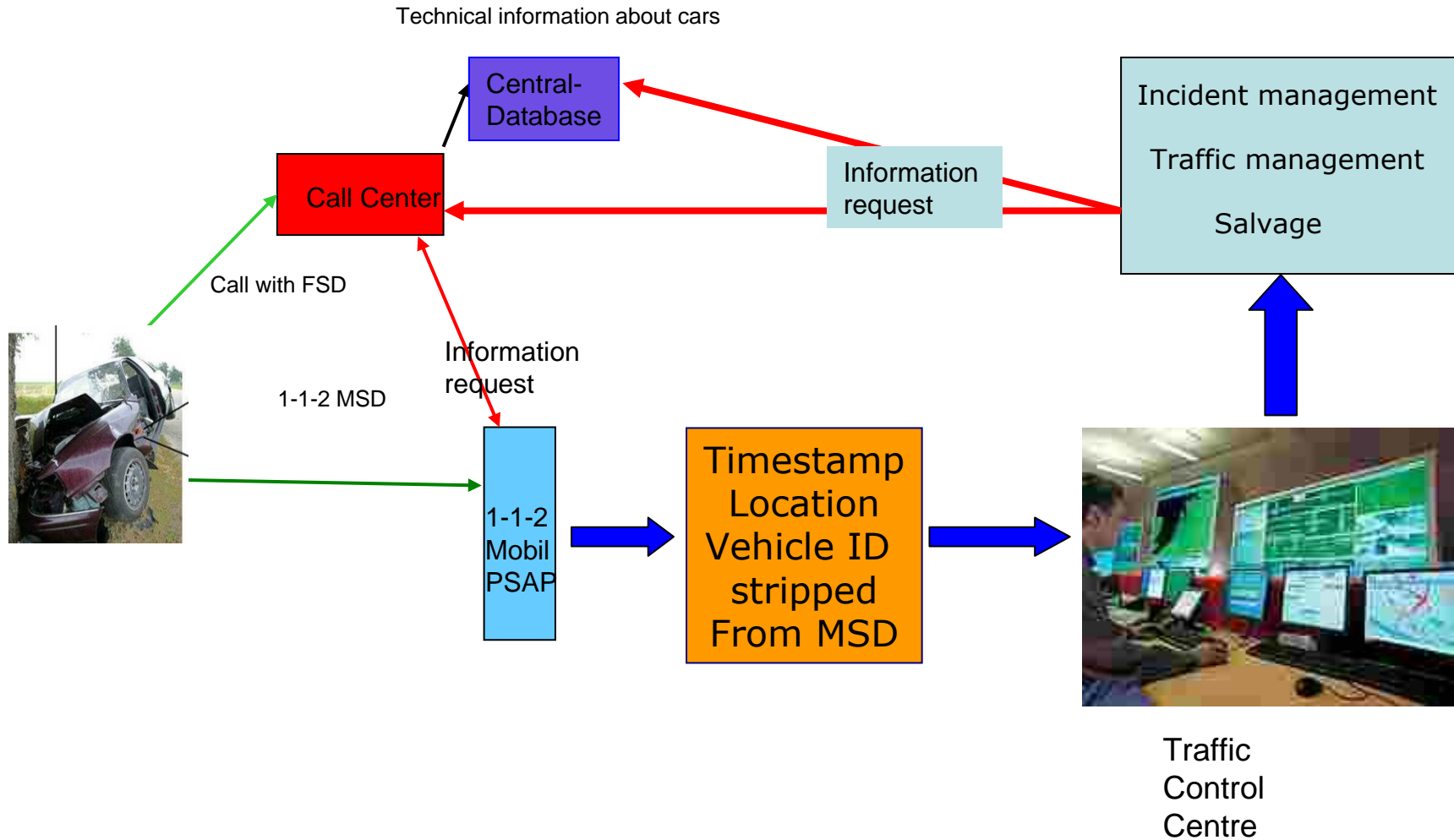
MSD time potential



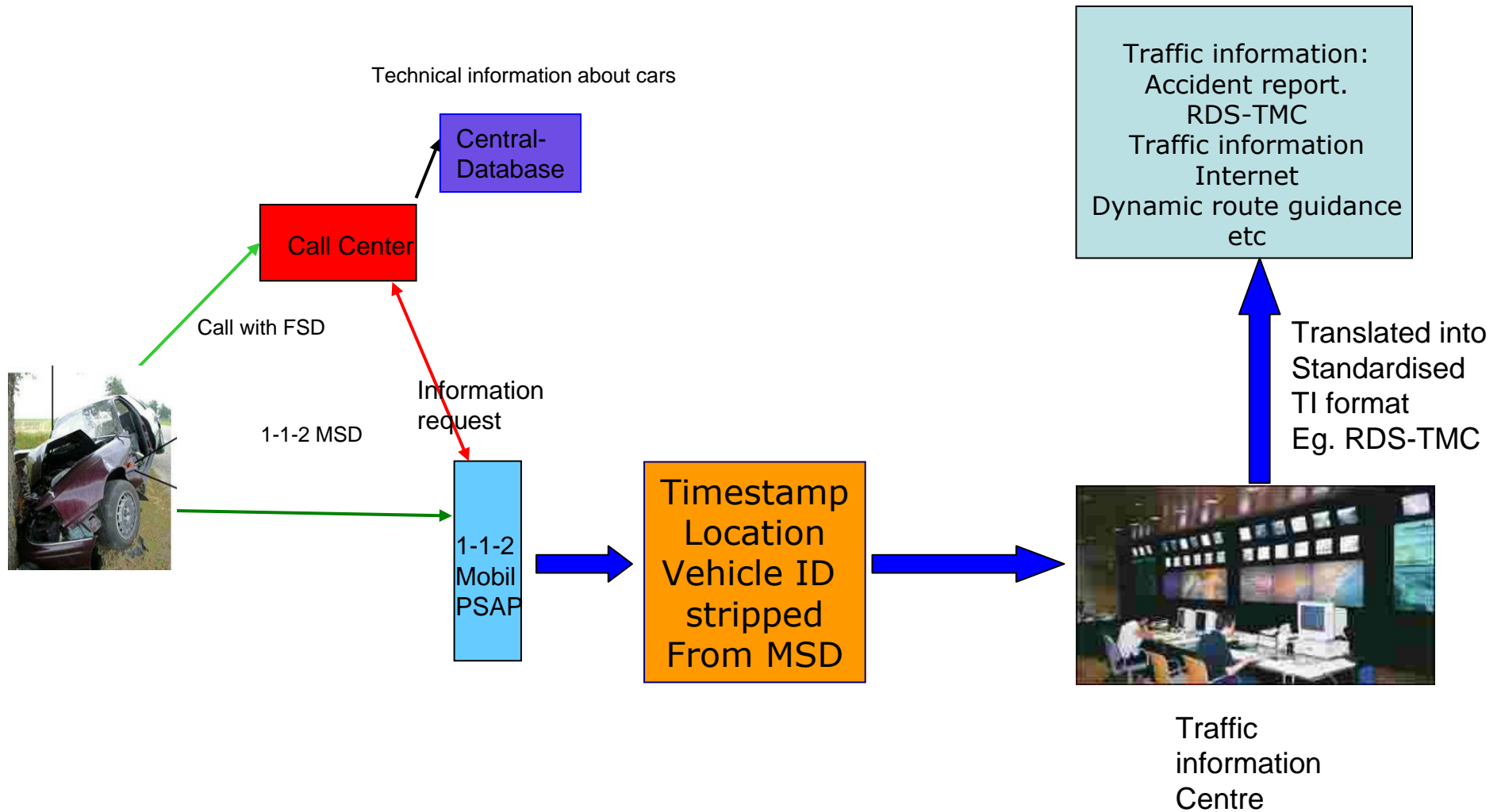
Average response time and the number of emergency calls Japan.



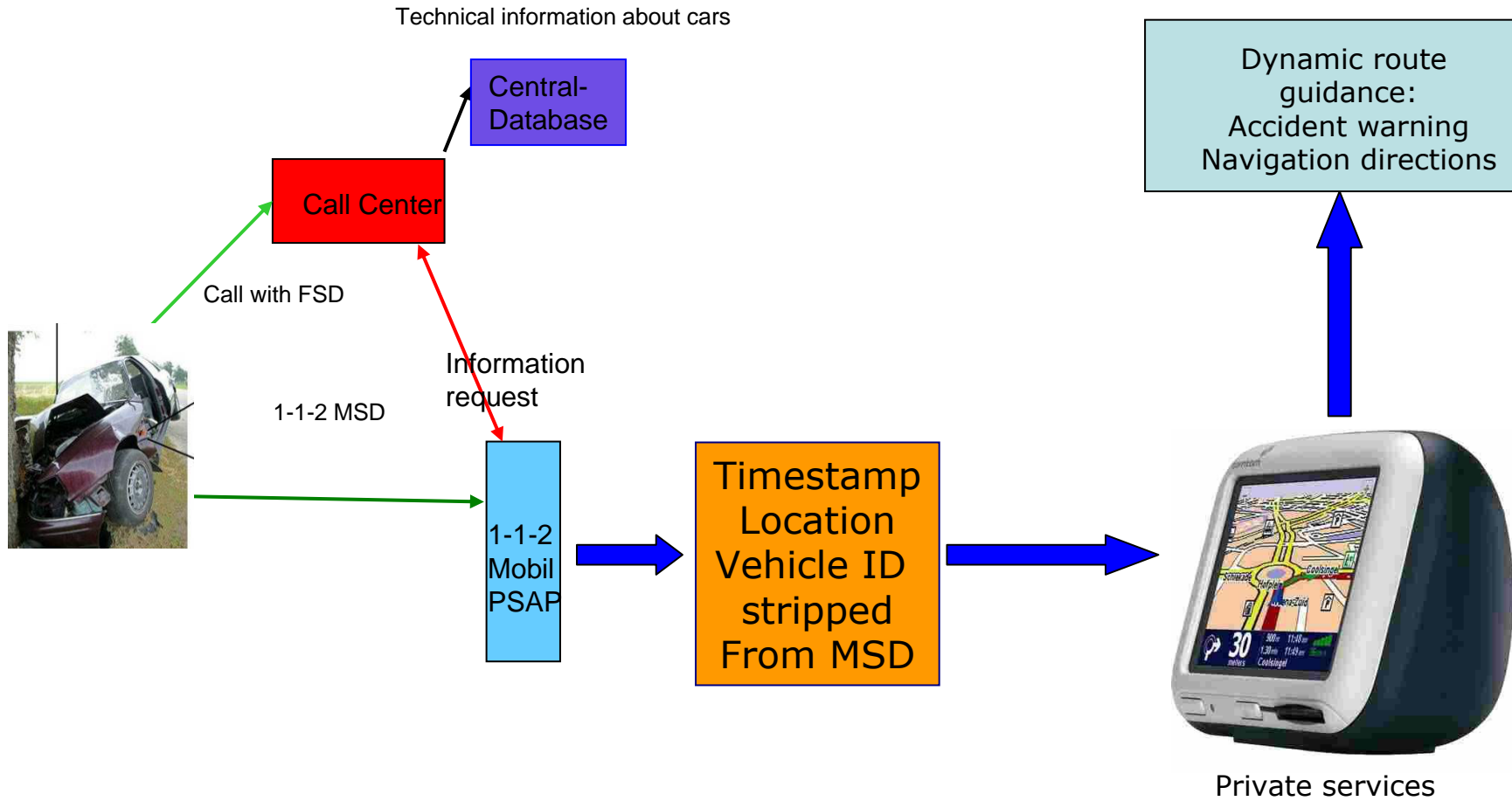
Connection to TCC.



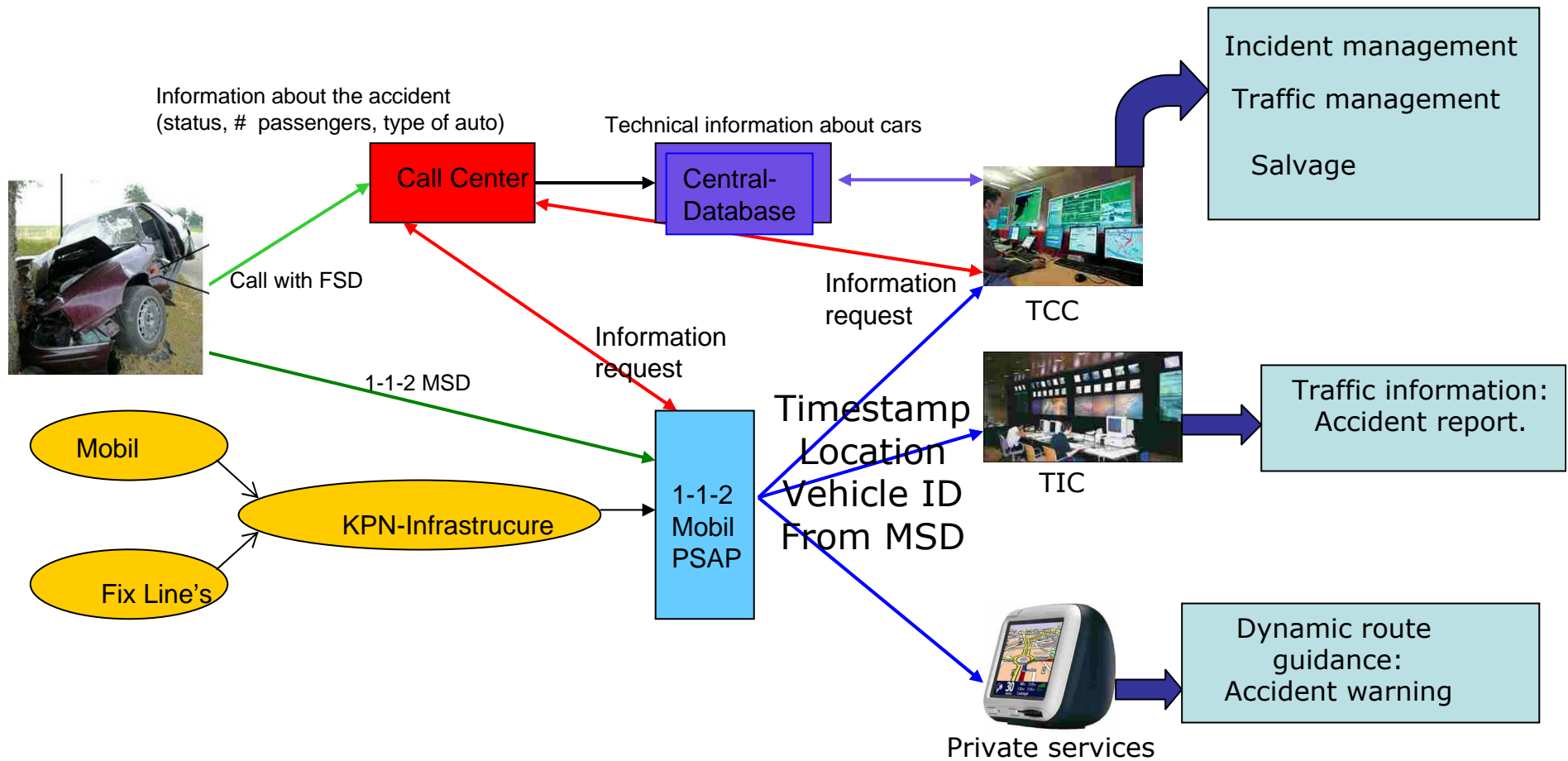
Connection to TIC.



Connection to SP.



Expansion of eCall

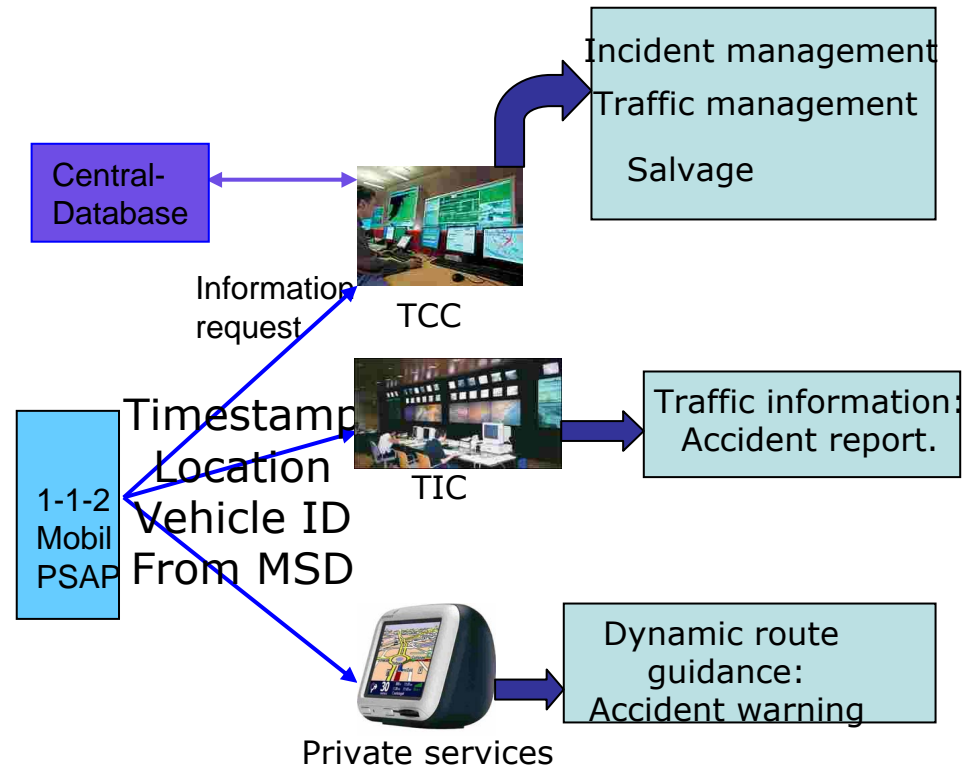


Stakeholders.

- Ministry of interior.
 - PSAPS.
 - Fire brigade.
 - Police.
 - Ambulance.
 - Disaster facility service.
- Ministry of Transport.
 - Traffic management/control centre.
 - Traffic information centre.
 - Incident management.
 - Hazardous goods incident management.
- SP.
 - Dynamic route guidance.
 - Incident handling.
 - Other services.

Information exchange.

- Communication.
- Interface.
- Automated processing.
- Information architecture.
- Crossing institutional barriers.



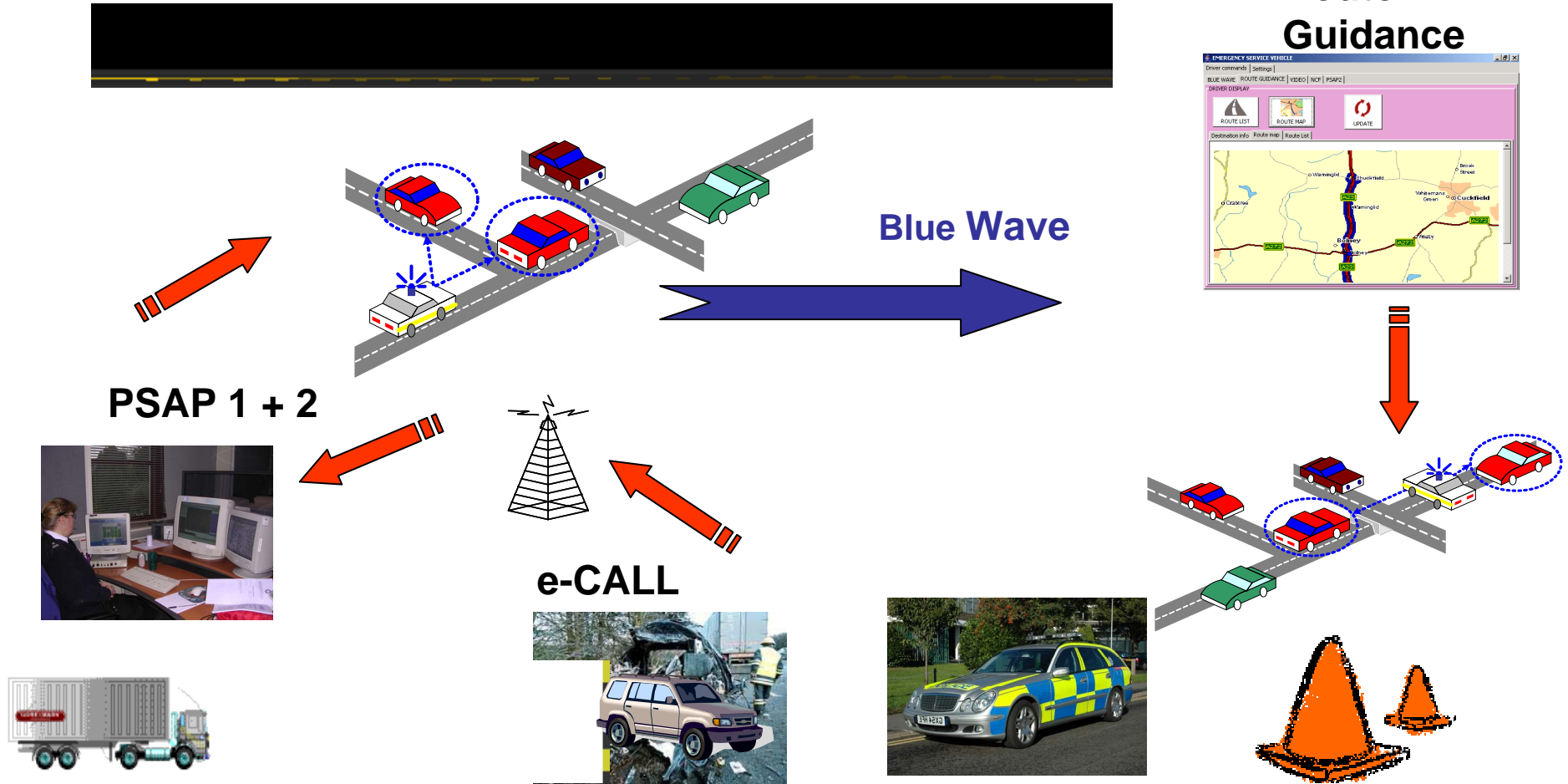
GST Rescue Mission

- To develop and validate an integrated incident response chain, which will support the fastest and most effective response to a incident by:
 - Improving availability of **incident data** at all stages in the emergency chain,
 - Providing a **faster and safer route** to the incident
 - Supporting the **interaction between emergency vehicles** and other road users
 - Allowing the **exchange of information** between rescue units and control rooms

UK (Sussex) Test Site Overview

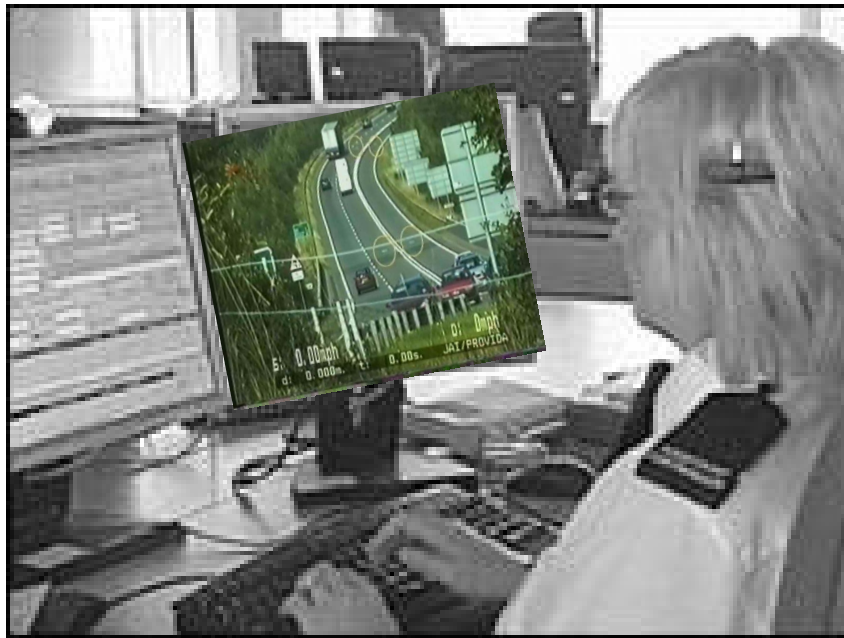
Dispatch

Route Guidance



Prototypes and services implement

Video over GST



PSAP



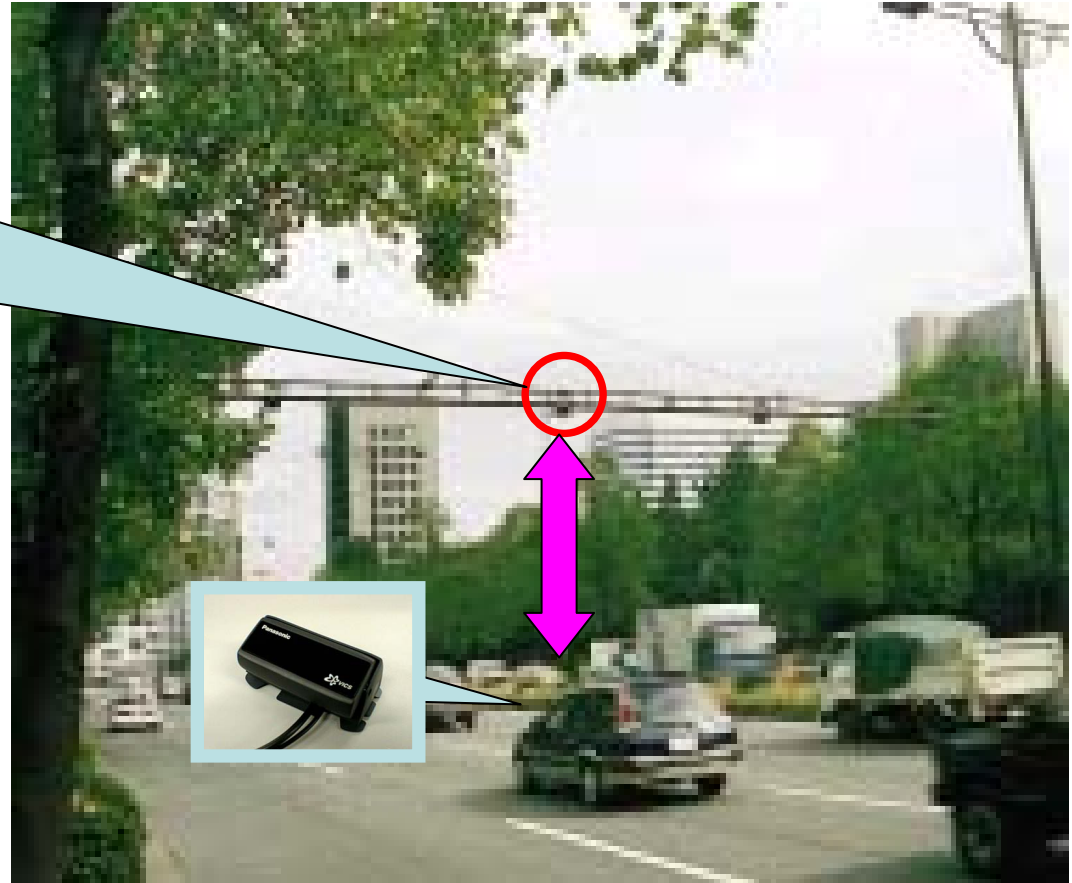
Much needed: RTTI data acquisition on micro/local level



Infrared Beacon

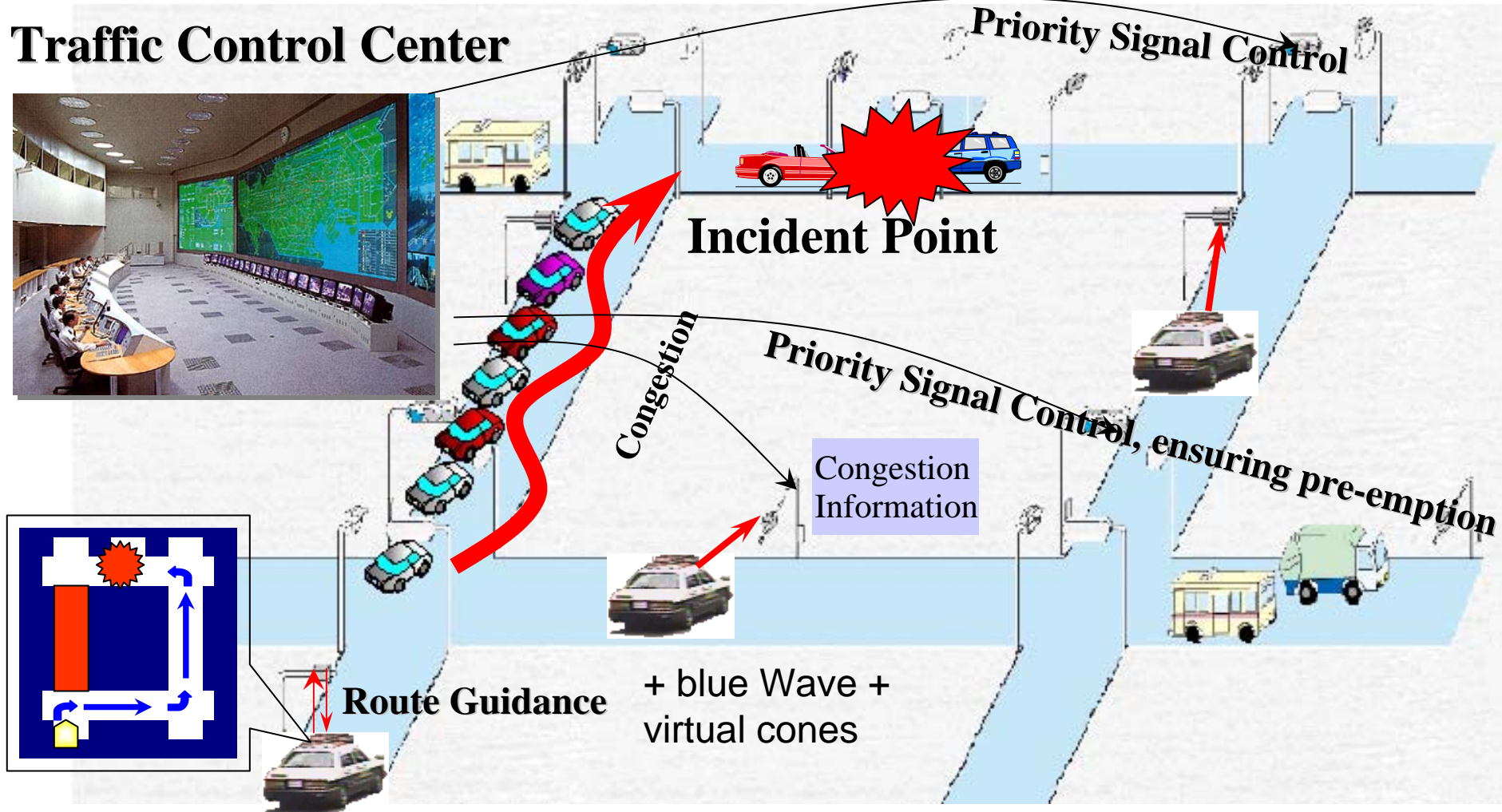


Traffic Control Center



In vehicle unit and infrared beacon

Final results combined.



Next steps.

- How to integrate all information structures/architectures.
- Who will be responsible for such an integration process in The Netherlands?
 - One authority?
 - Multi-authority?
 - PPP/other stakeholders/industry?
- How to integrate with V2V and V2i?
- Blue light/siren obsolete in the future?
- FOT or other project in 7th FP, with strong NL input?