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# Technological Progress

- Waiting for trail side assistance



# Technological Progress

- Then came the phone.
- Fixed line.
- Limited capacity.
- Dependent on operator.
- No need for special emergency numbers.



# Technological Progress

- Trunk dialling.
- Still fixed lines.
- Caller able to make choices.
- Introduction of single emergency number.



# Technological Progress

- Mobile technology.
- Creates new problems, requiring new solutions.
- Always able to be in contact.
- Location information.



# Where is the UK?

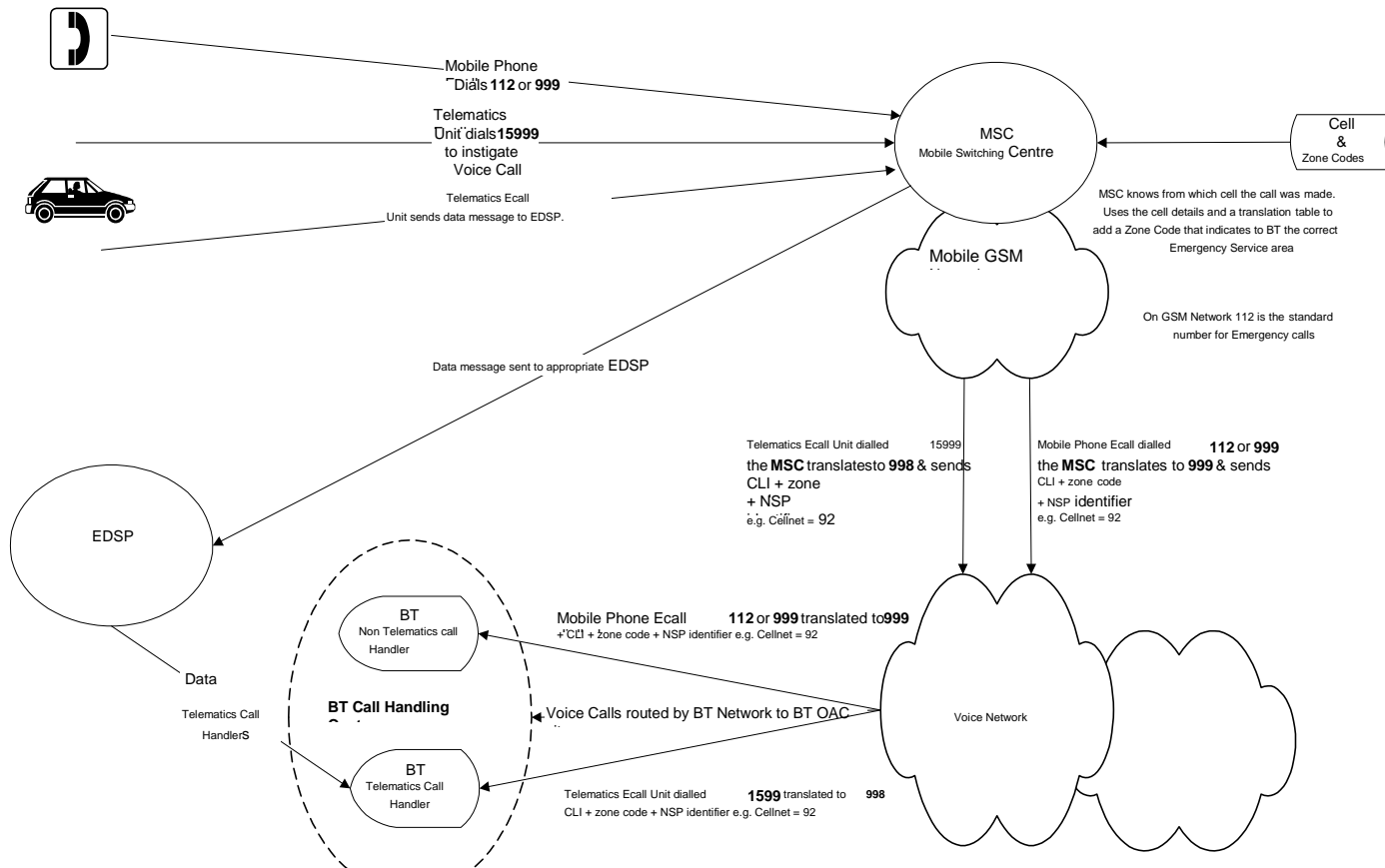
- **We have a Protocol in place for In-vehicle emergency call services**
- **We will accept voice and data calls**
- **Expect data to provide minimum set of data**

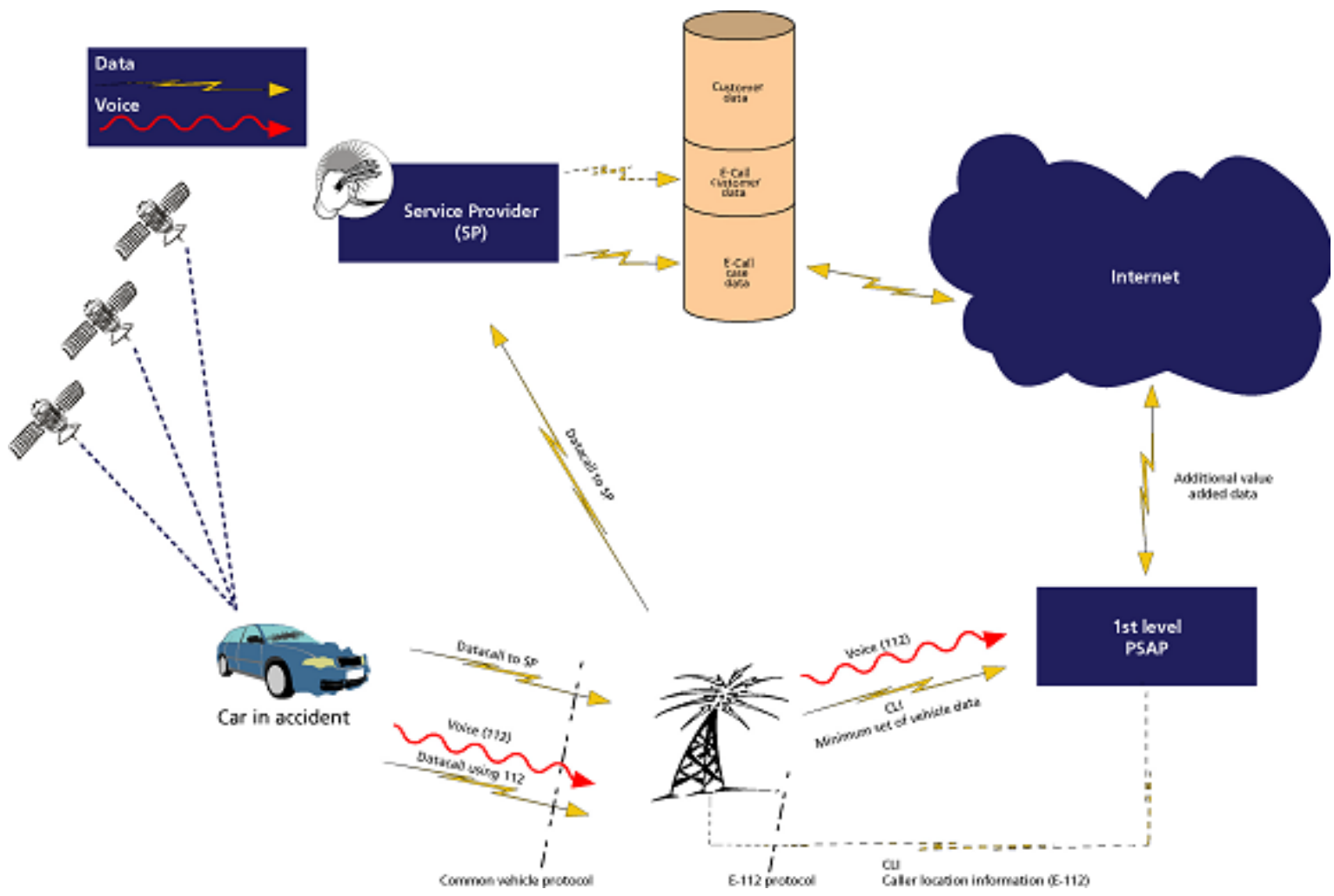
## How does it work?

- **In an emergency establish a link between a vehicle and the relevant PSAP**
- **Provide voice and/or data links**
- **Build on existing E112 arrangements**
- **Provide minimum set of data**

# UK and eCall

## 112 + GPS - Network Design Overview



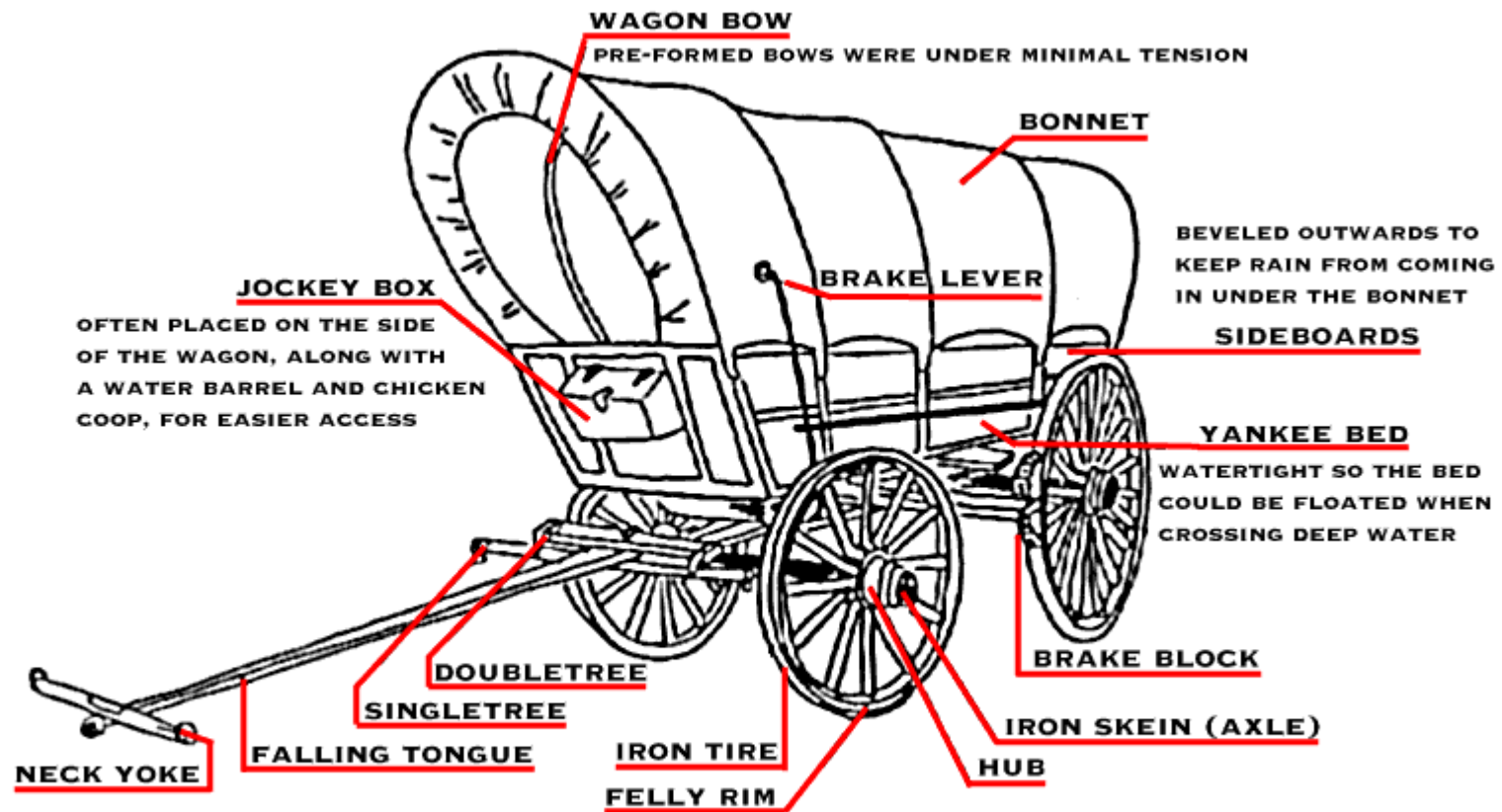


# How does data help the emergency response?

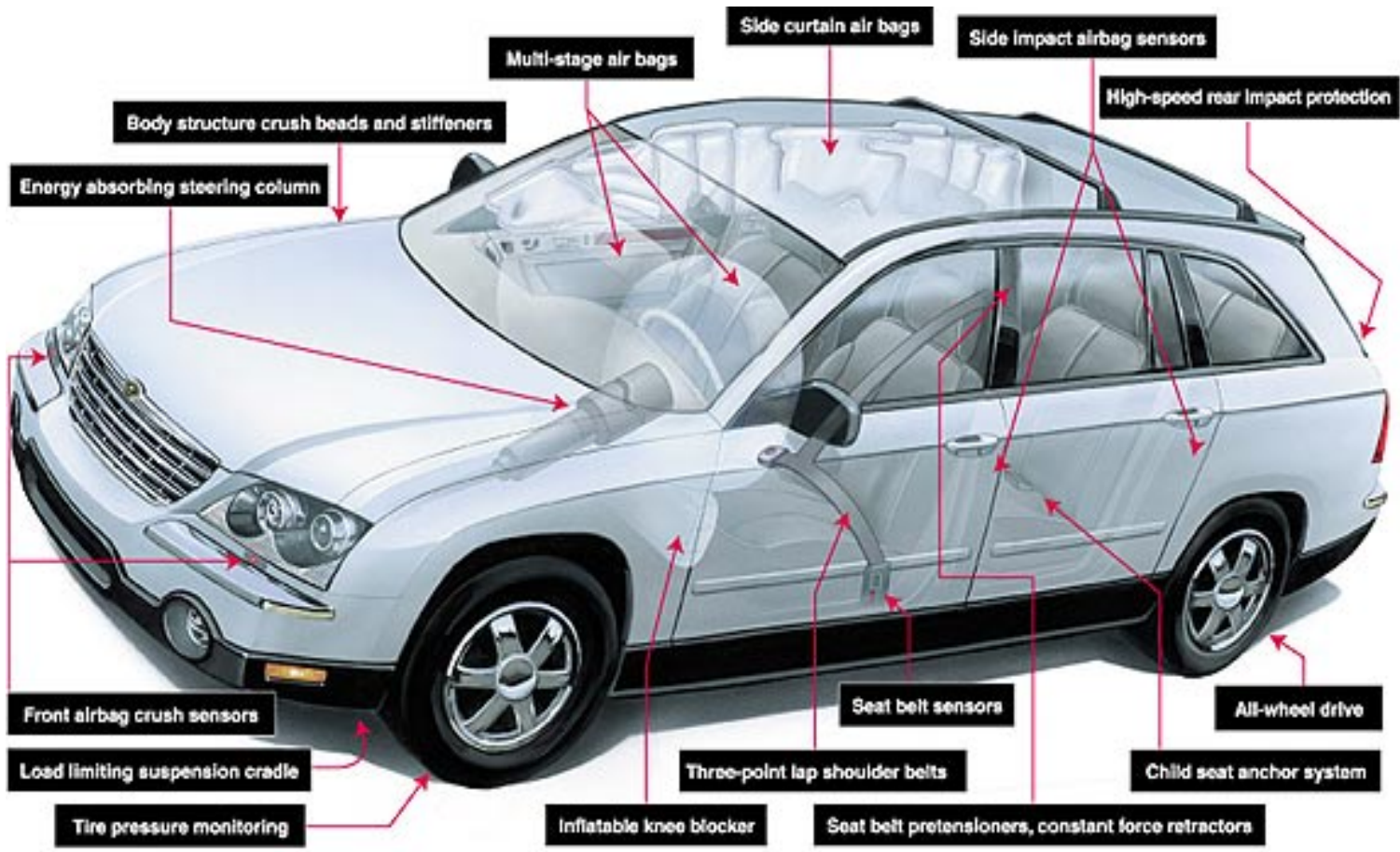
- **Provide PSAP and Emergency Authorities with accurate and timely advice;**
- **Enabling EA operators to carry out needs assessment of service requirements prior to dispatch;**
- **Reducing time for management of response; and**

# How soon can eCall be deployed?

- **E-merge demonstrated feasibility of pan-European eCall;**
- **Link to deployment of E112 and visualisation of location information;**
- **Need for Service Providers and Manufacturers to provide critical mass.**



**WAGON DESIGN COURTESY OF THE UNIVERSITY OF OREGON**



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