

## Instant Mobility

**An ambitious PPP FI proposal related to the  
Transports usage area**

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Mainline Railways

Metro/Commuter Lines



Tramways



Buses



Roads





**Signalling**



**Communication & Supervision**



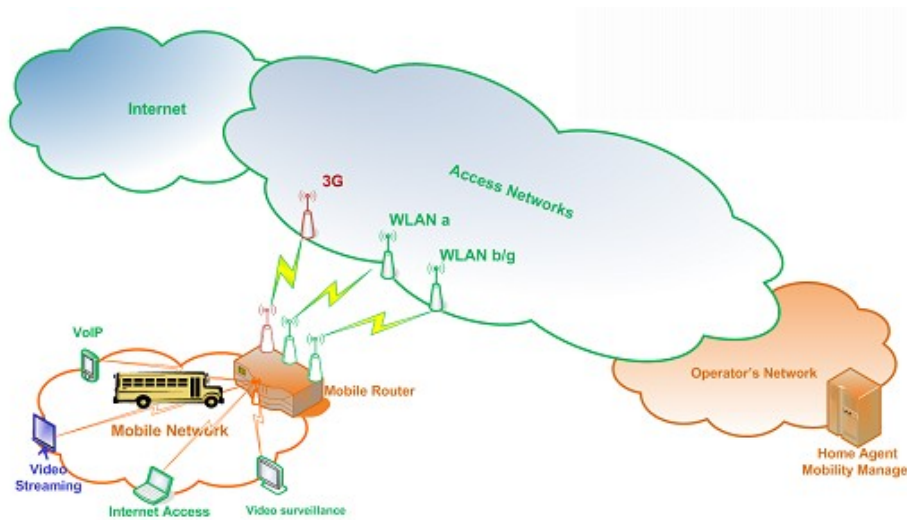
**Revenue Collection**

**secure communication technologies**

# Naturally always connected, anywhere, anytime

Connect Vehicles for Real-Time ITS

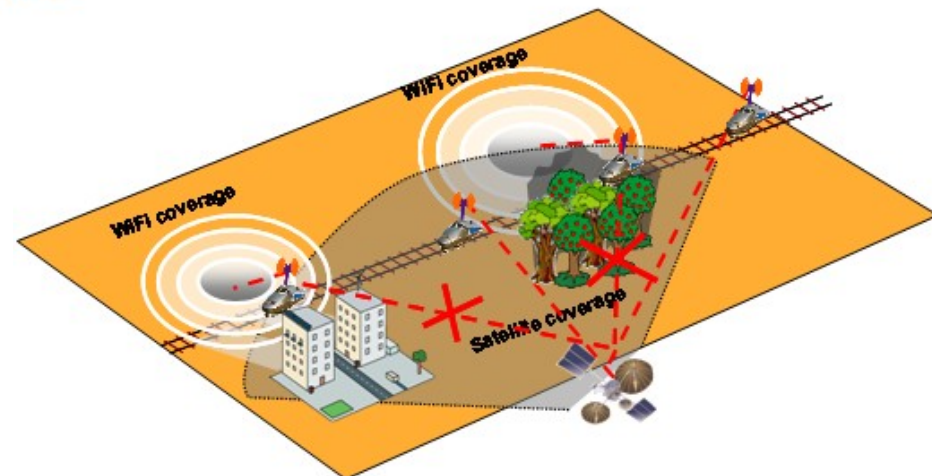
**Beyond  
Geolocalisation and  
info-traffic**



Connect people during travels

Complementarity of access networks : TGV connection example

Orange V2I and V2V



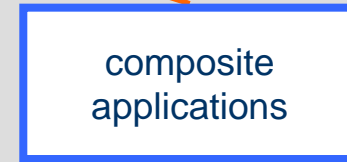
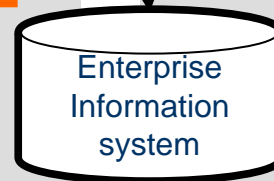
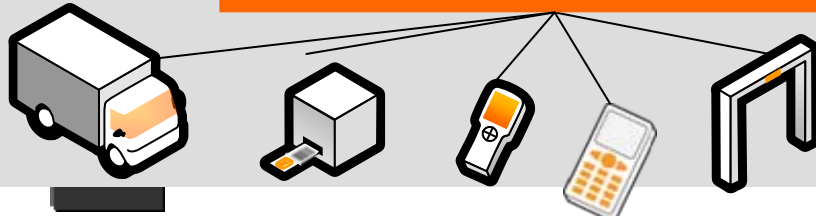
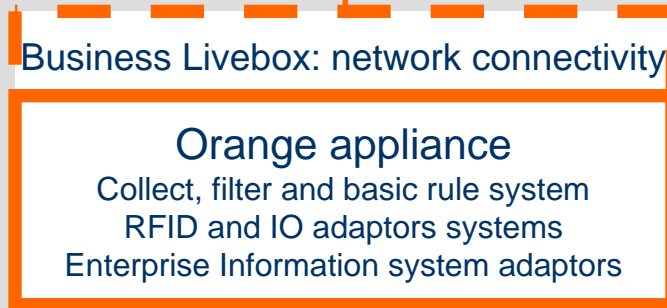
# Fleet management and logistics

Track and trace goods, logistics units and enterprise assets

Hosted Services



On Site Services



3rd party Services

**Thales & Orange are Co-leaders of this project.**

**This project is build around the following overall belief (vision)  
about transportation of travellers and goods**

**Three essentials “enablers” will totally modified the transportation domain by 2020 (with 2015 first results)**

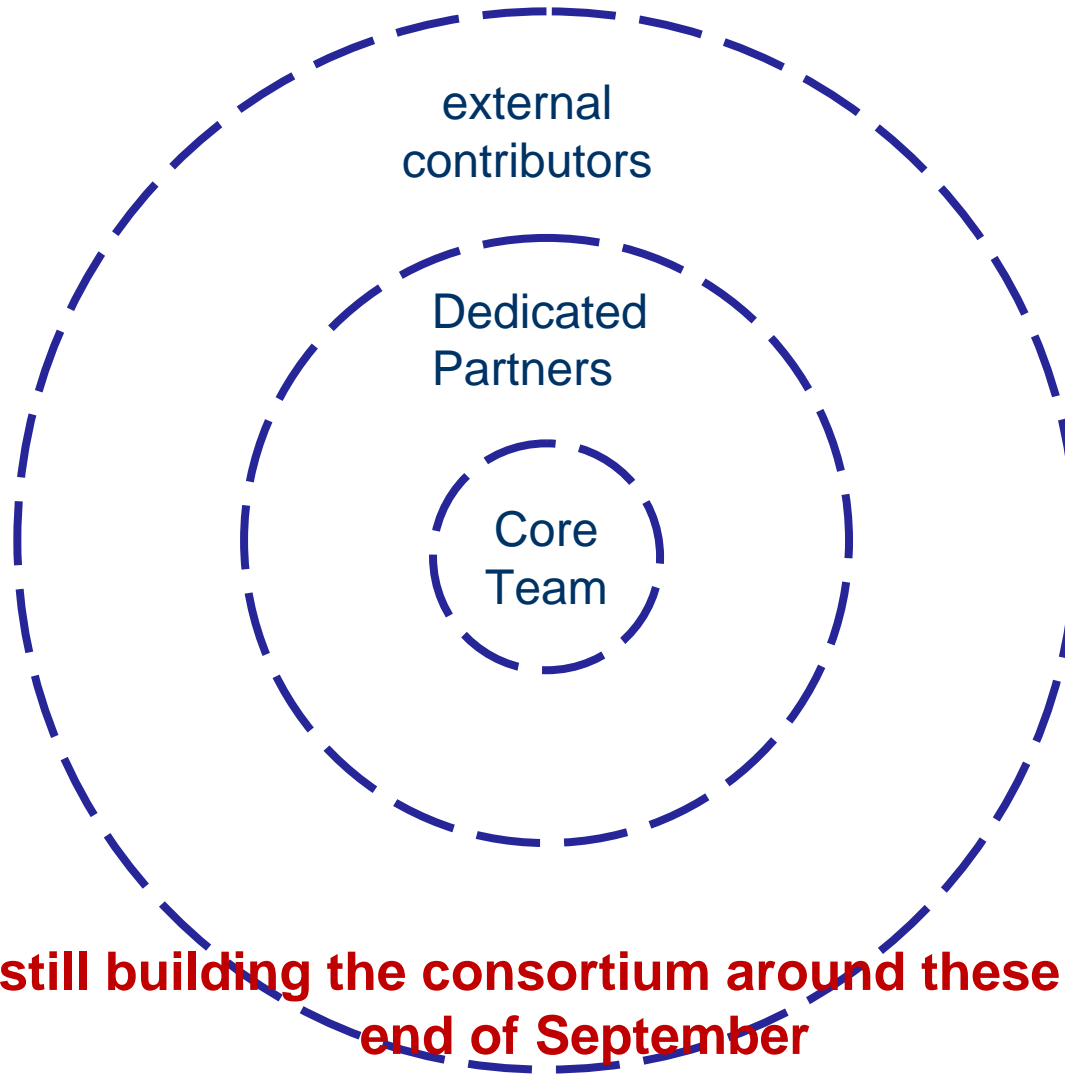
- Real-time, systematic and continuous geo-localisation
- implicit communications availability anywhere, anytime
- real-time individualized travel offers based on each person preferences, immediate context

**This will totally modify the way people & daily commuters travel for their short & long distance journeys**

**This will profoundly affect the way goods are distributed and collected in urban areas**

**The Instant Mobility project is willing to effectively shape the next wave of Transports**

- A set of use cases around these **Future Internet** new “enablers” allowing for numerous specific scenarios:
  - Logistic (end to end including urban truck optimisation)
  - Pay per use (ticketing, tolling, parking, ...)
  - Road traffic management
  - Public transport traffic management
  - Multi-modal public-private travel offer
  - Passenger experience (information, comfort,...)
  - Evaluation and optimisation of environmental impact & carbon footprint



- **We are still building the consortium around these lines, until the end of September**



# A consortium made up of world leaders

- ❑ Current consortium members :
  - ❑ Telecom operators
  - ❑ ICT Industrials
  - ❑ Automotive **equipment makers** and **automakers**
  - ❑ **Local authorities** for various size cities and regions in Europe (possibly via local Research Centers)
  - ❑ **Logistic operators** and industrial involved
  - ❑ Transportation dedicated Research Centers
  - ❑ Usage oriented SMEs
  - ❑ ...





- To propose contribution to this project, please send a mail to :

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and keep looking at the project site :

**[www.tml-future-internet.eu](http://www.tml-future-internet.eu)**

