



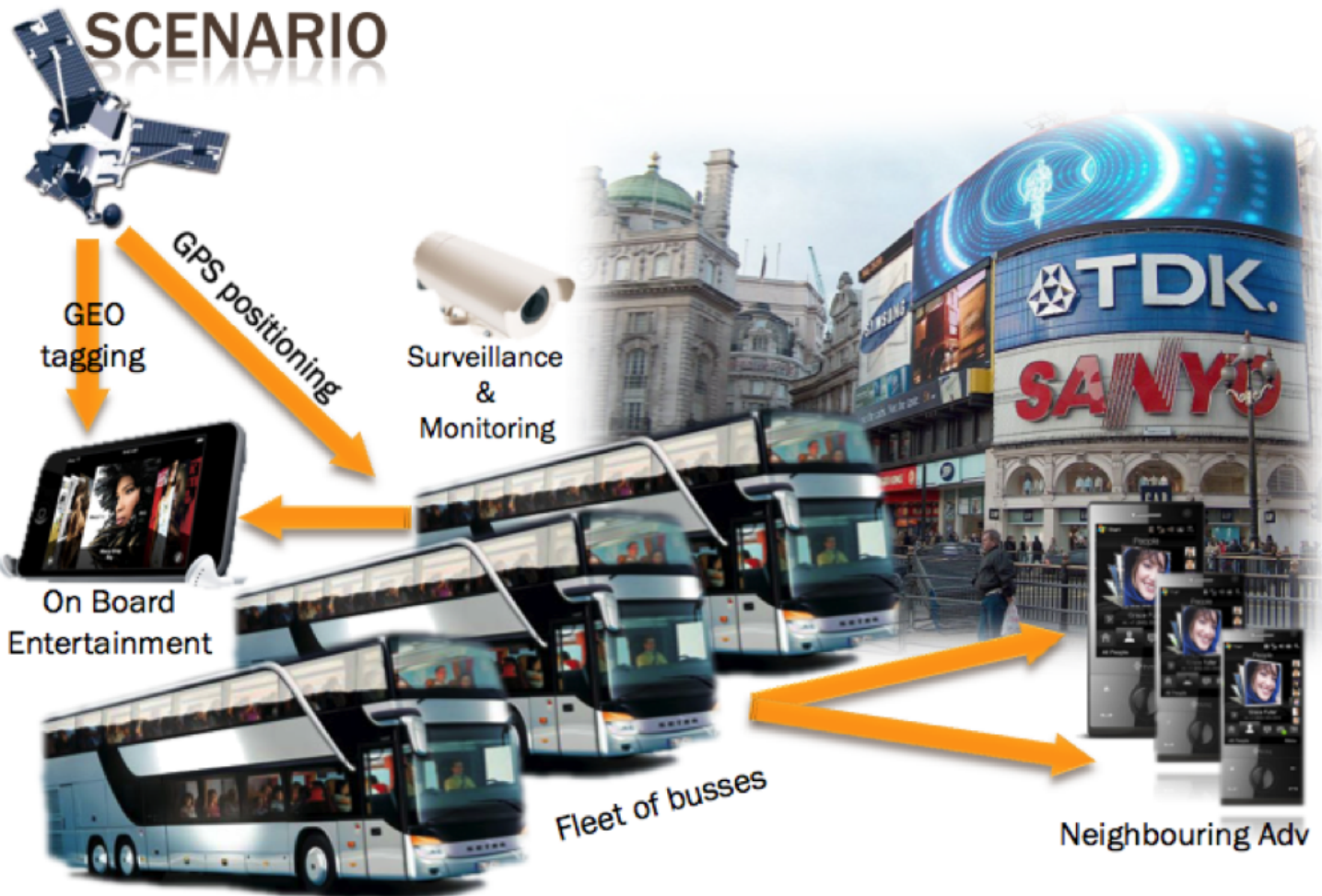
# The Smart Bus: a novel approach to using buses

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# What is a “smart bus”??

- It is a visionary idea for enhancing city, intercity and tourist buses
- Not only a transport medium, but “what the passenger wishes”:
  - A way to keep working
  - An information medium
  - Allowing continued monitoring of patients
  - An entertainment place
  - Monitoring the outside environment
  - And so on...

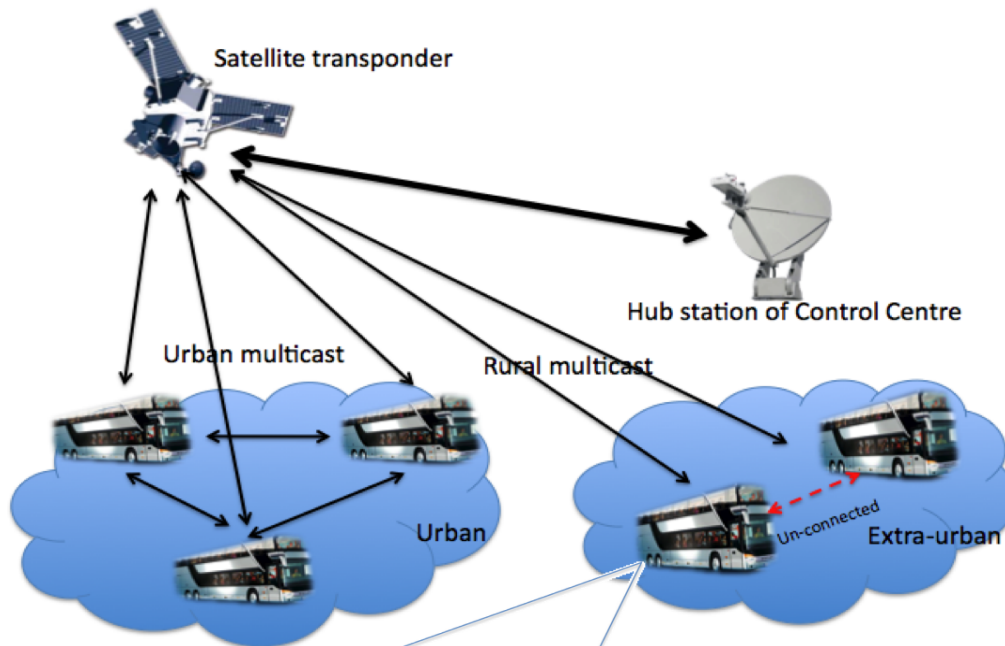


# *SERVICES*

- **GENERIC** for passengers:
  - Tourist information on the road
  - Meteo info and air pollution
  - Advertisement news
- **CUSTOMISED** for passengers:
  - Get the info requested on boarding
  - Keep connection: medical monitoring, Internet access
- **MANAGEMENT**:
  - Driver medical monitoring
  - Bus status monitoring
  - Environment monitoring (security, pollution, traffic)

# Characteristics

- Novel idea, existing projects mostly orientated towards fleet management
- Most advantageous for long trips, such as intercity or tourism
- Can reduce the usage of cars
- Can reduce driver's stress
- Can compete with train services
- Each bus is connected through a hub, either WiMAX or satellite



a) Level 1



b) Level 2

# References

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**Why not a project to set up a pilot bus service in an European tourist city?**