

A Novel Software Architecture

- To implement and execute advanced mobility applications with real-time requirements
- Orchestrates AI and big data analytics for an efficient processing of geographically distributed data sources
- Coordinates city and vehicle computing resources (edge and cloud)
- Increases productivity
 - Programmability
 - Portability/Scalability
 - Performance



Smart City Use Case

Generation of a *common knowledge base* between the city and the cars upon which valuable information is extracted for

- Intelligent traffic management
- Simulation of air pollution in real-time
- Advanced driving assistance systems

