

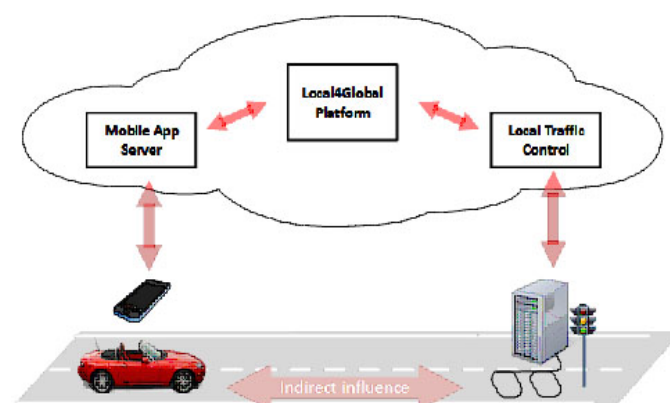
## L4G MOBILITY TOOL

### TRAFFIC LIGHTS & VEHICLE SPEED CONTROL APP

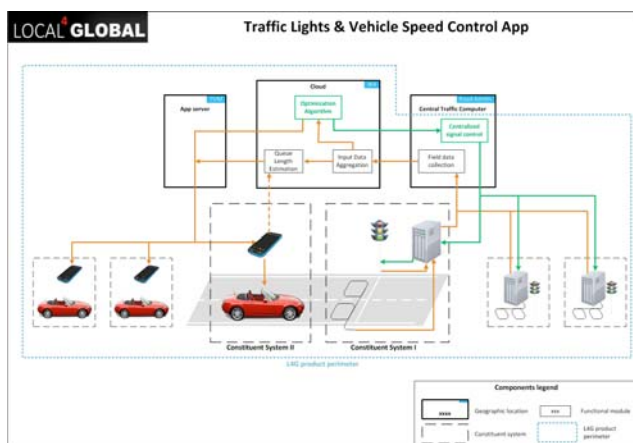
REDUCE YOUR FUEL CONSUMPTION & TRAVEL TIMES UP TO AN 20% WHILE IT IMPROVES TRAFFIC FLOW

L4G Mobility Tool expands the capabilities of existing navigation systems, offering significant economic and time savings, in the order of 20% and above. There are no extra manufacturing costs for vehicles (i.e. sensors) than the GPS-navigator. The simultaneous use of this tool in traffic control centers homogenizes the traffic and improves vehicle's mean speed.

L4G Mobility Tool is used from both drivers and traffic control center.



## HOW IT WORKS



An interface-able standard GPS-navigator allows the driver to enter data Besides, connection to the traffic control center so as to access the traffic lights improves the traffic flow.

The driver enters the number of petrol liters whenever she/he fills the vehicle with petrol. Then, the App combines it with the data of the GPS-navigator and the information regarding the current weather conditions and provides to the drivers speed profiling commands that assist them to significantly reduce the fuel consumption and travel times.

Based on the traffic conditions of the overall network as well as a model for predicting the future traffic conditions, the App offers even greater improvements to fuel consumption and vehicle mean speed.

L4G solution for Traffic control applies cloud computing capabilities to reduce the cost of buying additional dedicated traffic management platforms, furthermore it integrates all the data coming from the different monitoring technologies so as to calculate and provide real time information and strategies.