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No. 27/2016

Pekka Neittaanmäki, Elmira Galeieva, Anthony Ogbechie

# Transportation Technologies

JYVÄSKYLÄN YLIOPISTO

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## ABOUT THE PROJECT

This report was conducted under the Platform Value Now project funded by Finland's Strategic Research Council. Platform Value Now will focus on understanding the fast emerging platform ecosystems, their value creation dynamics and requirements of the supportive institutional environment. We will analyze ecosystems with systems tools and develop new methods for platform-centric ecosystems management. Data collection is based on active scanning of global technology and platform ecosystems and fast solution oriented case experiments with Finnish corporations and policy planners. The aim of the project is to operationalize the collected understanding into a Platform Profile framework that will enable more efficient method and tool development for ecosystem management.

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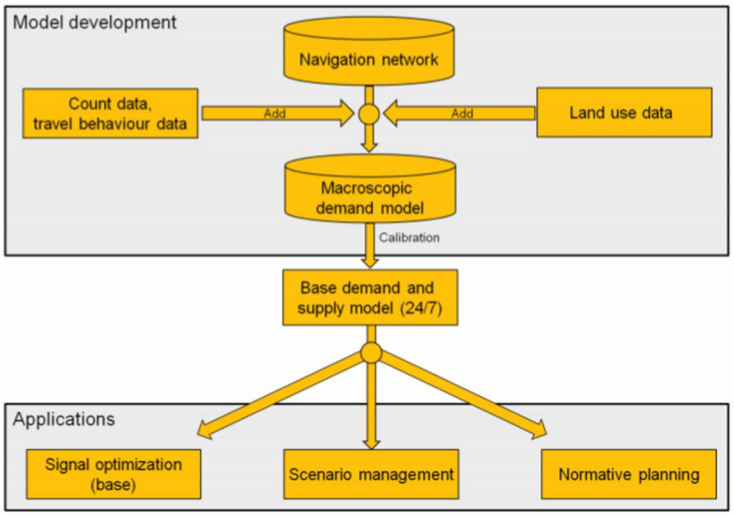
## Large-Scale Signal Optimization: Traffic Platform Framework and Applications

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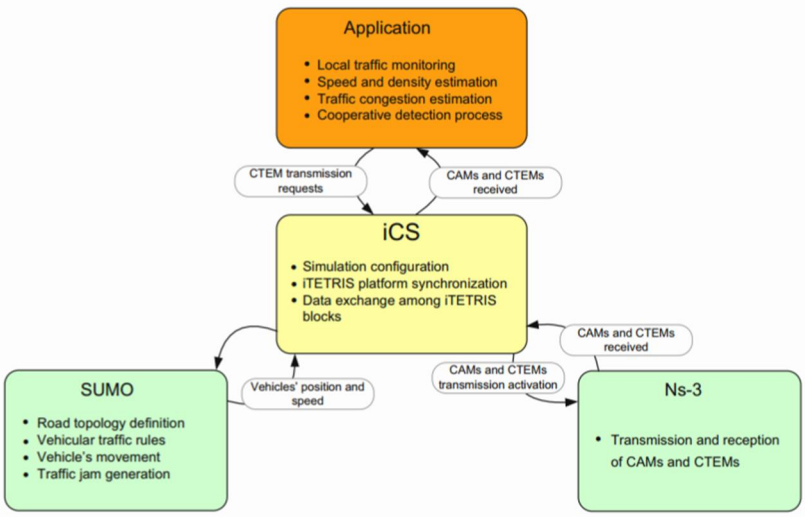


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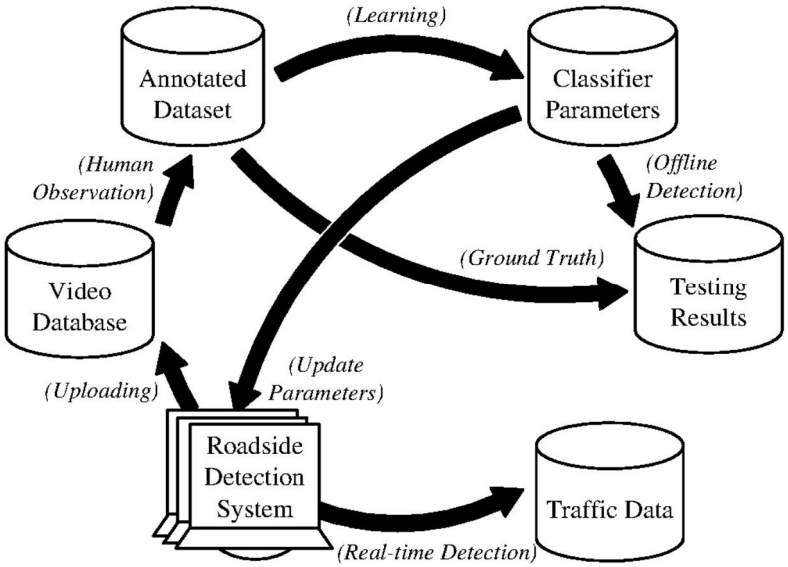


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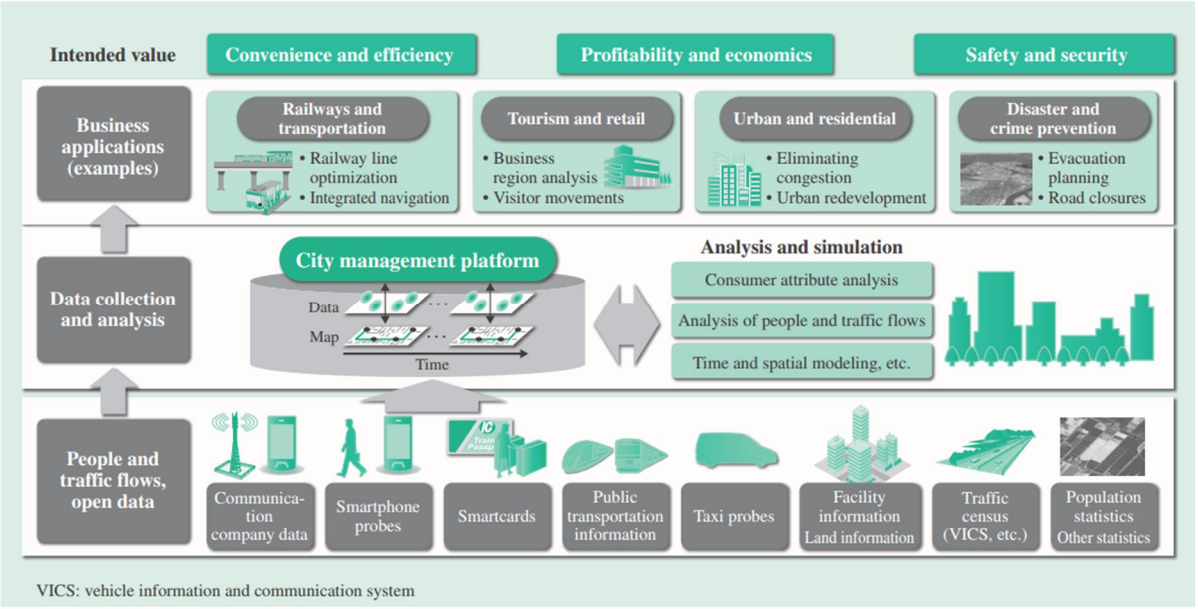


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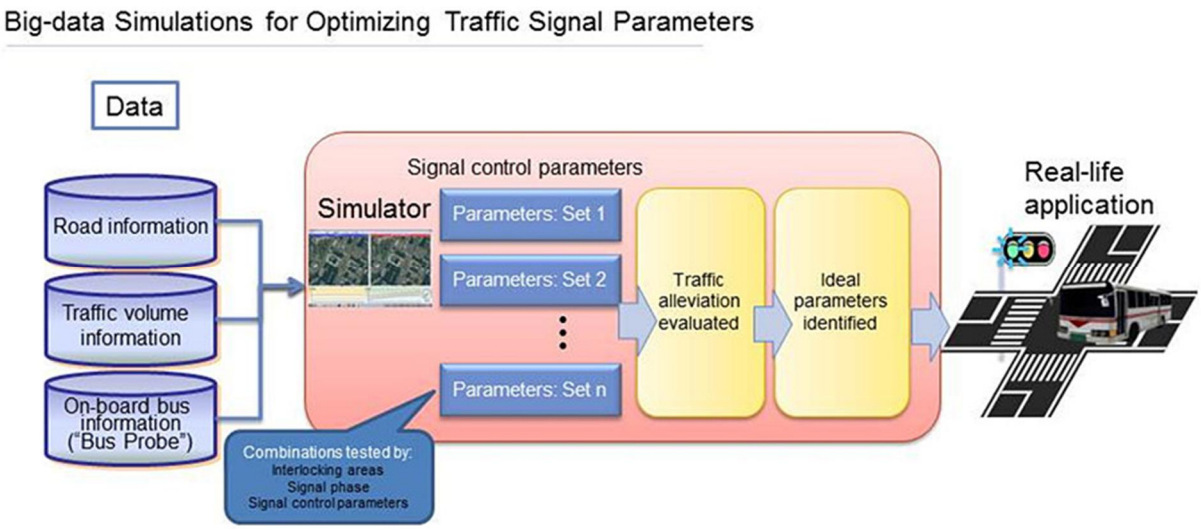


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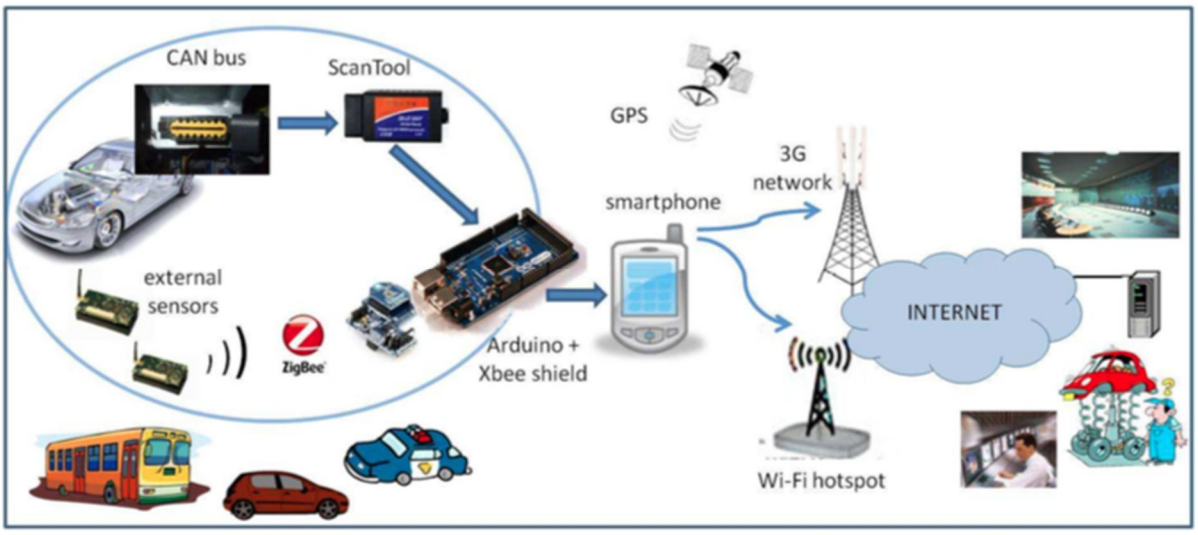


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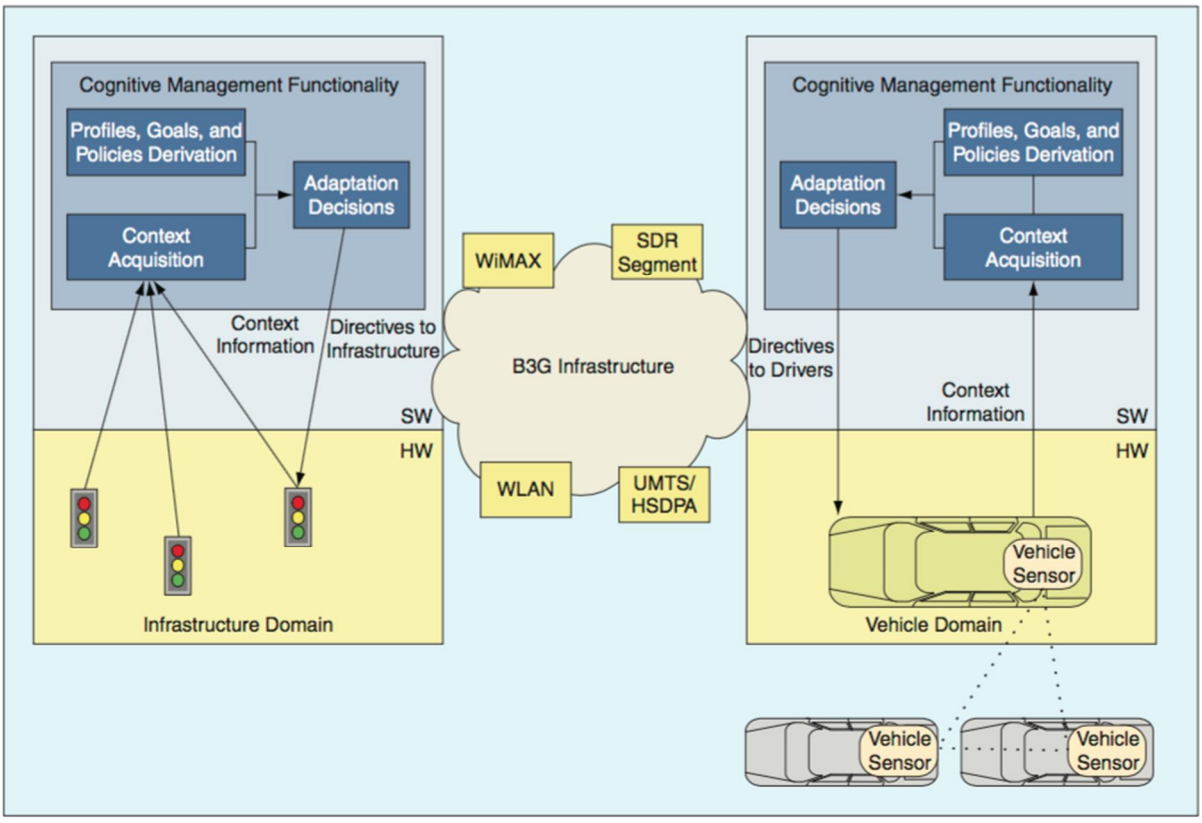


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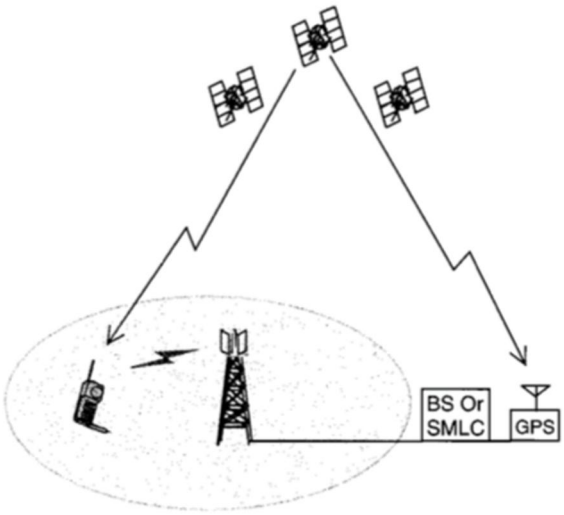


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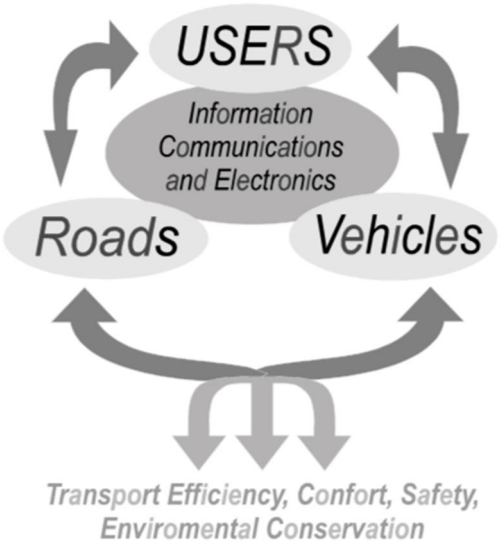


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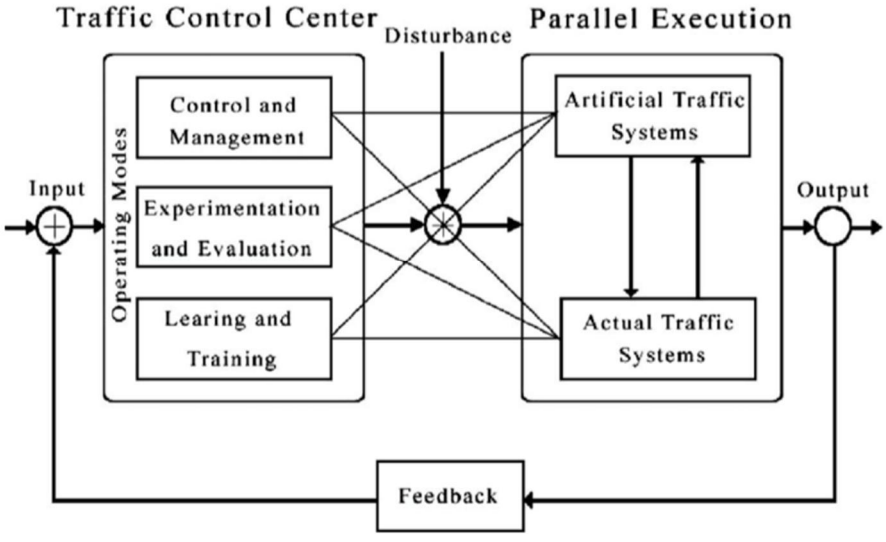


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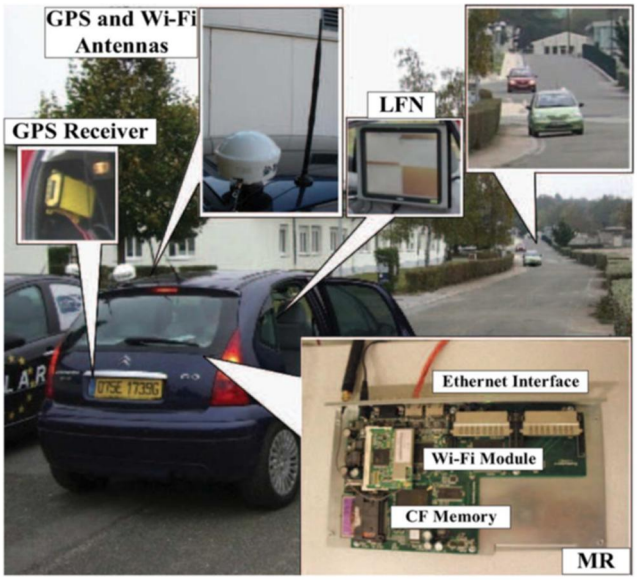


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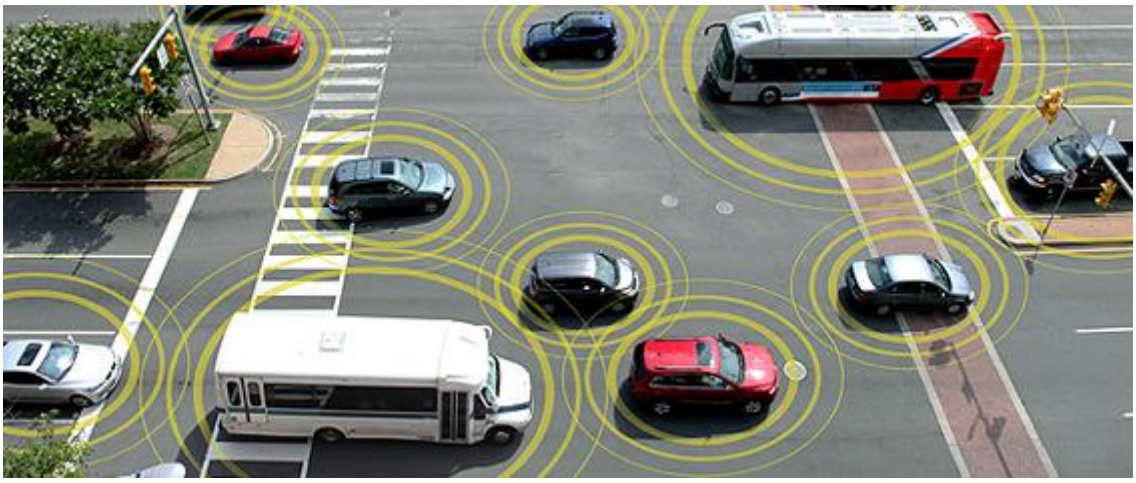

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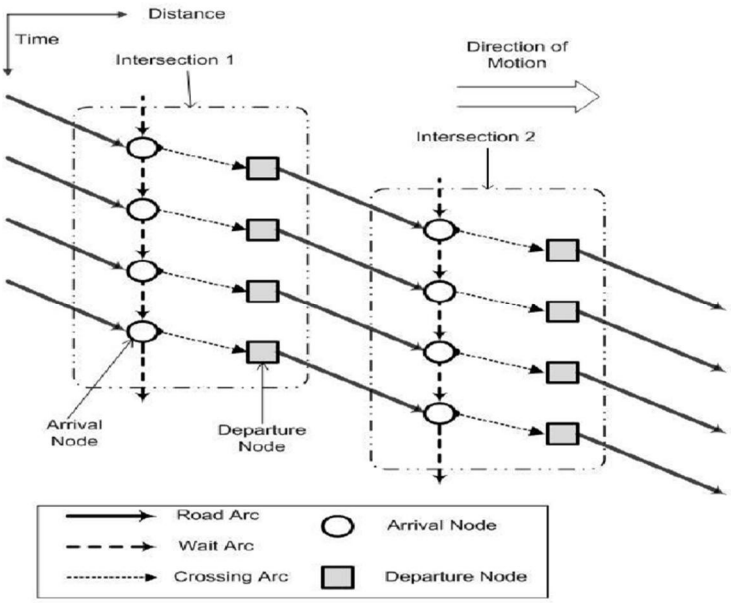


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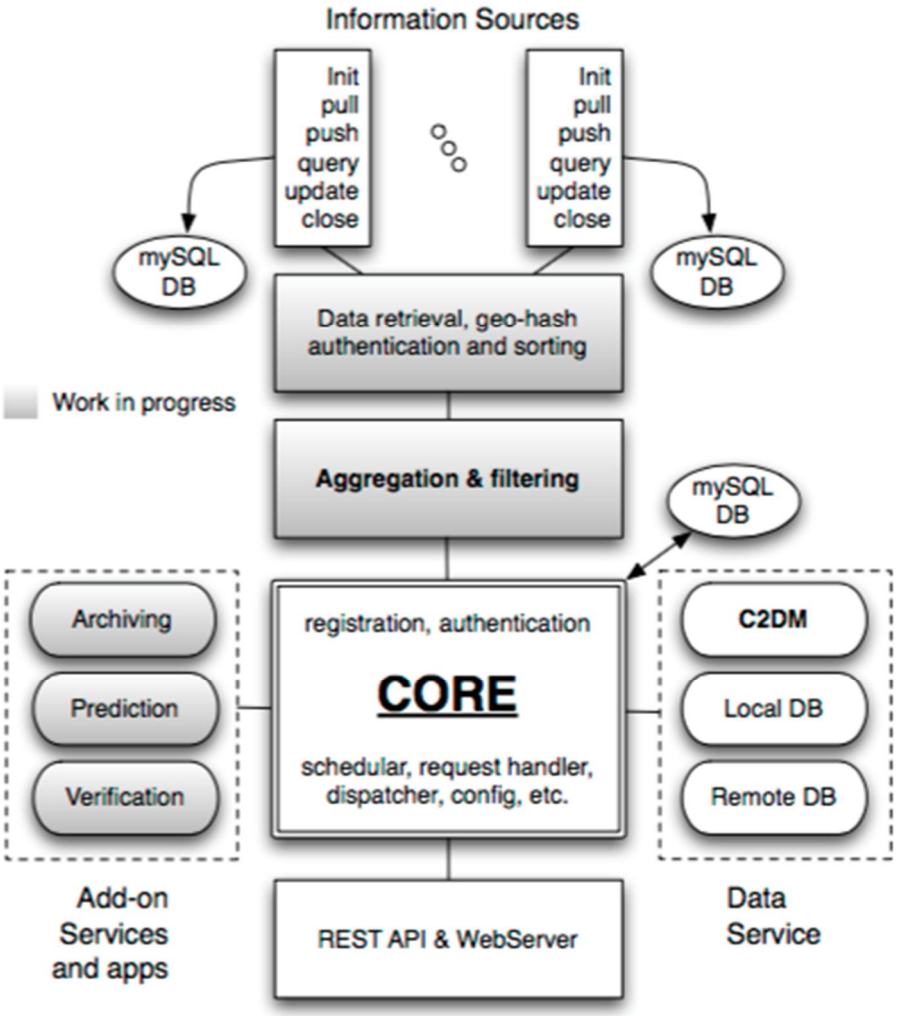


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## A review on vision-based pedestrian detection in intelligent transportation systems

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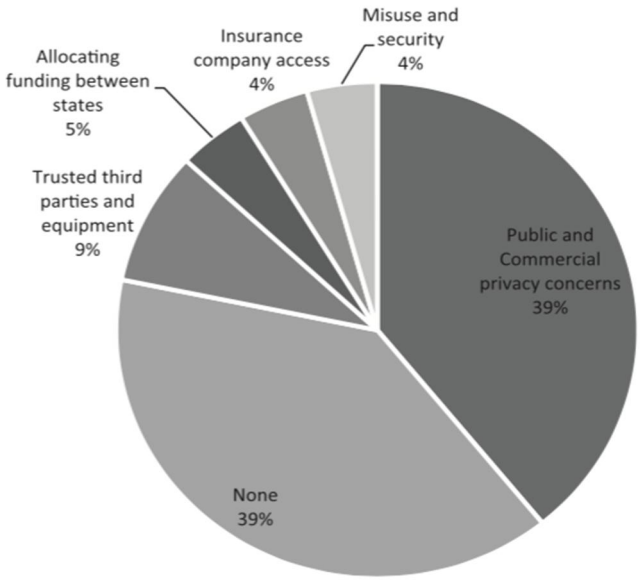


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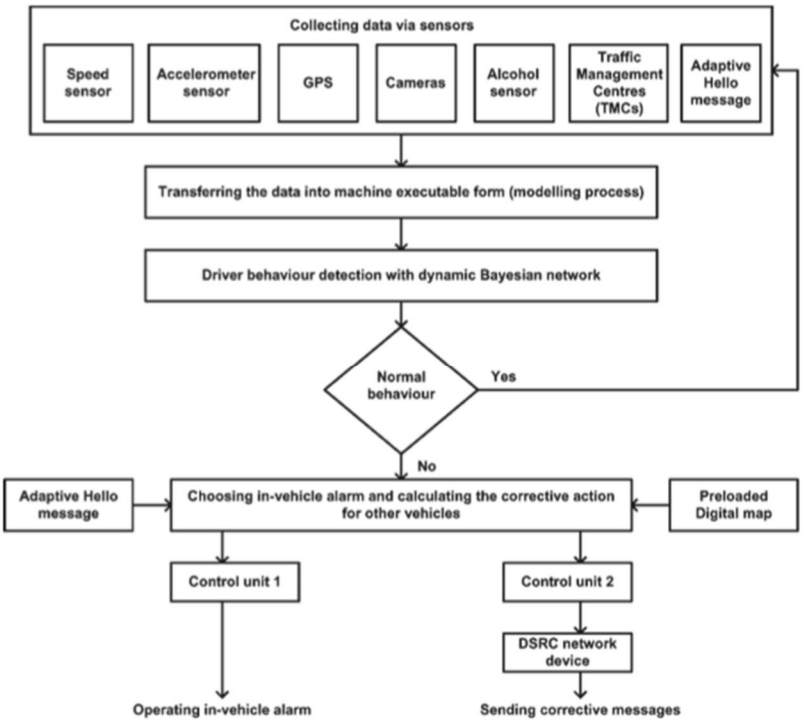


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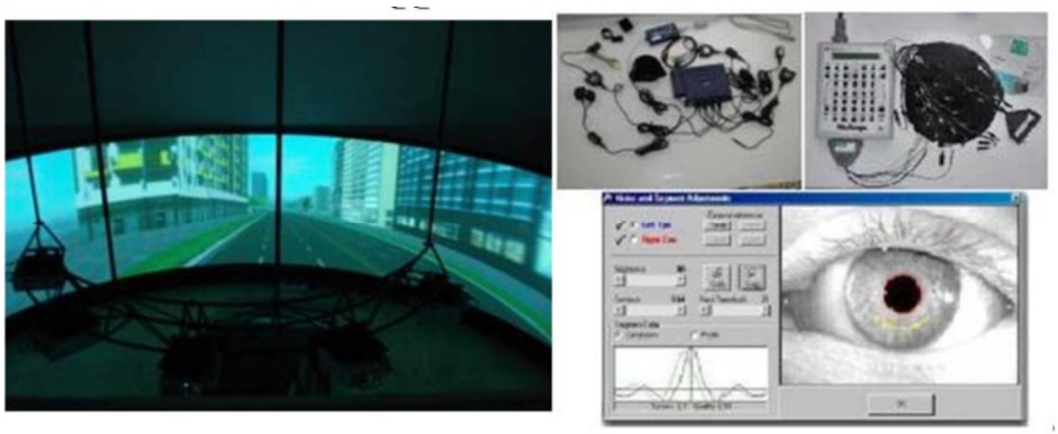

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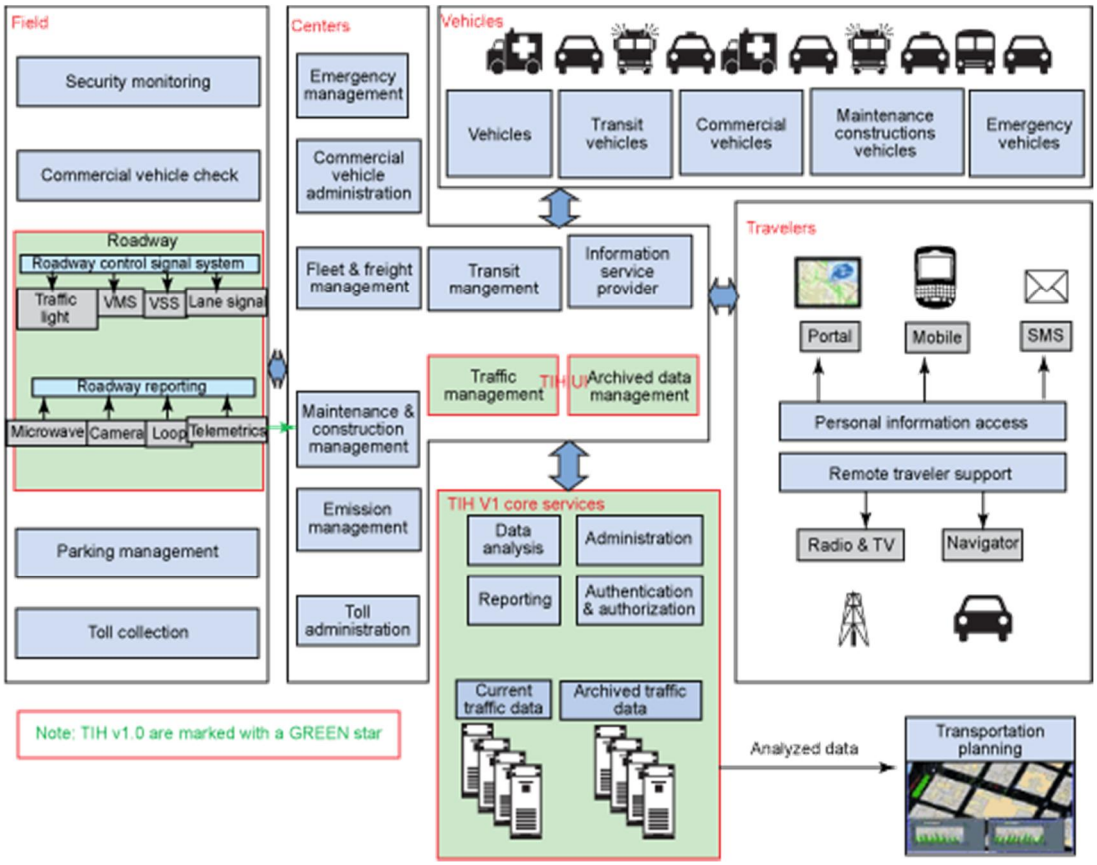
## Build intelligent transportation systems with the Traffic Management Data Dictionary standard

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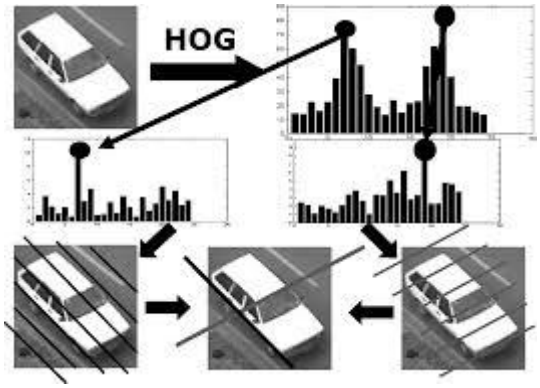


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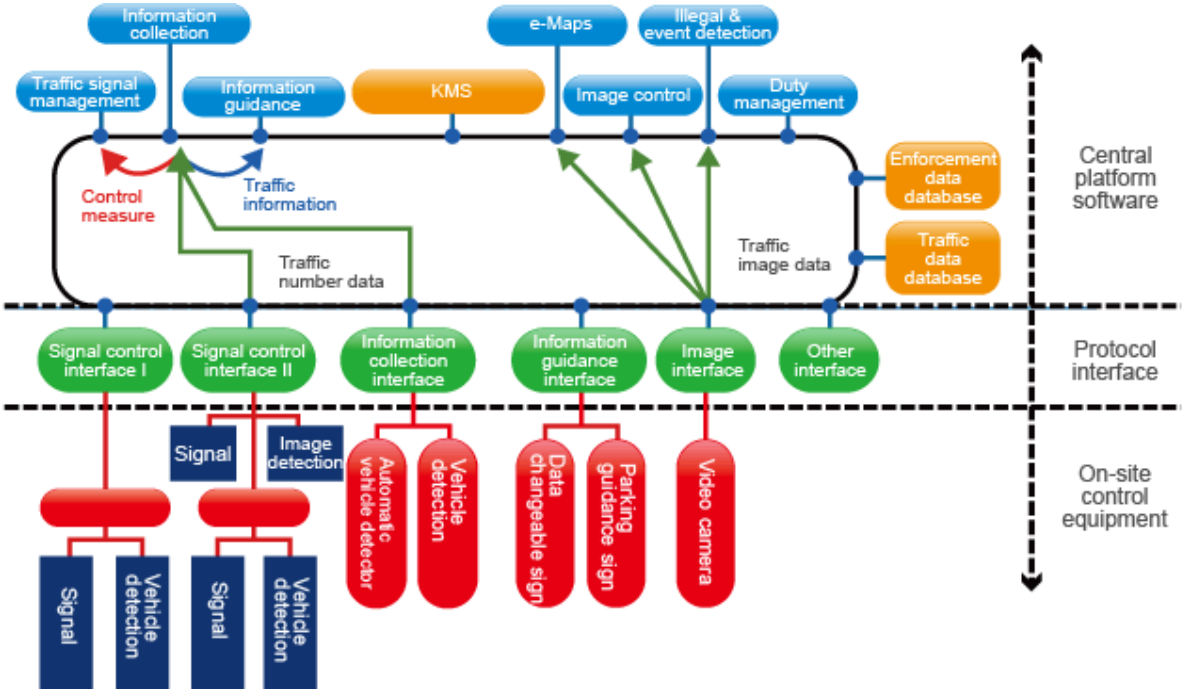


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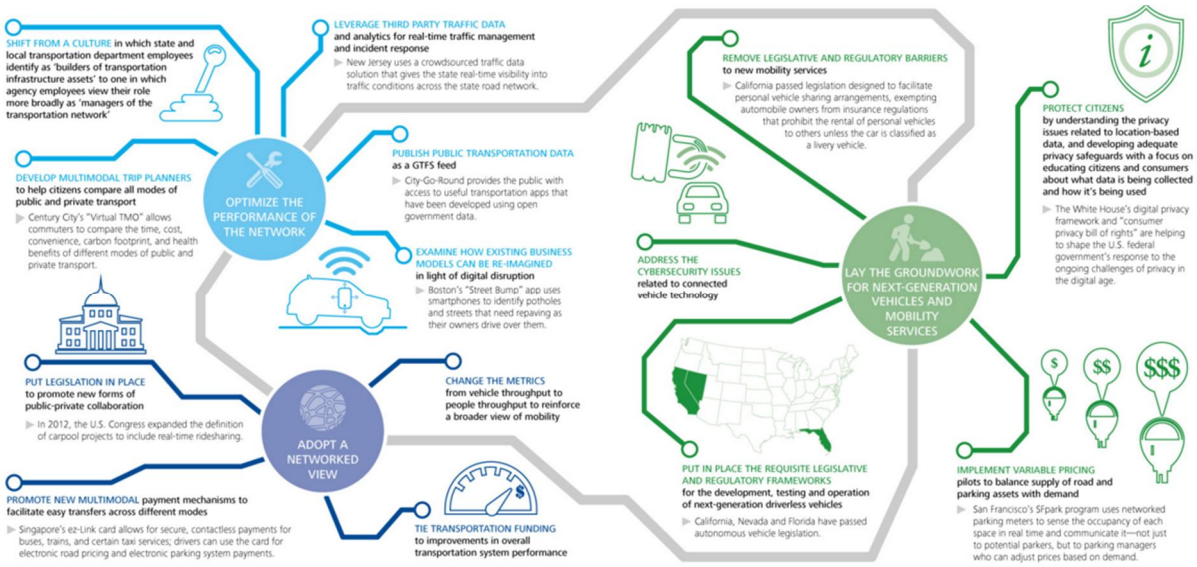


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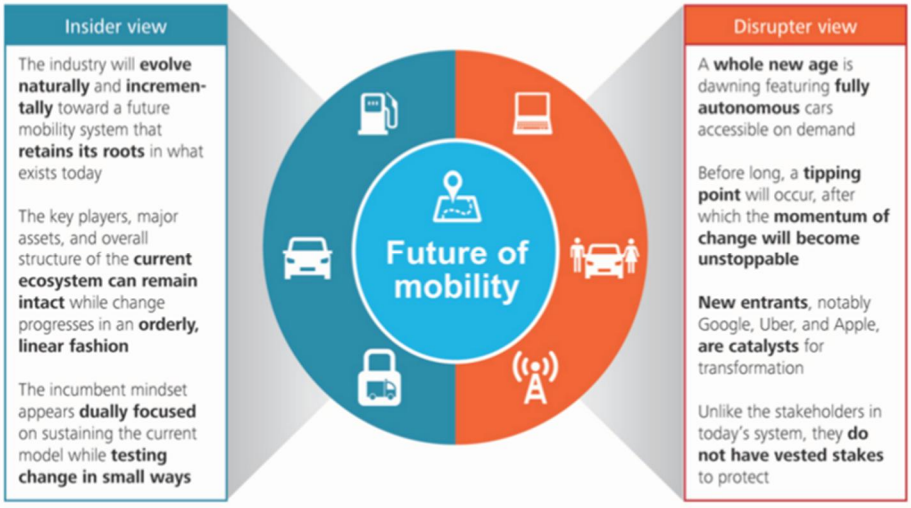


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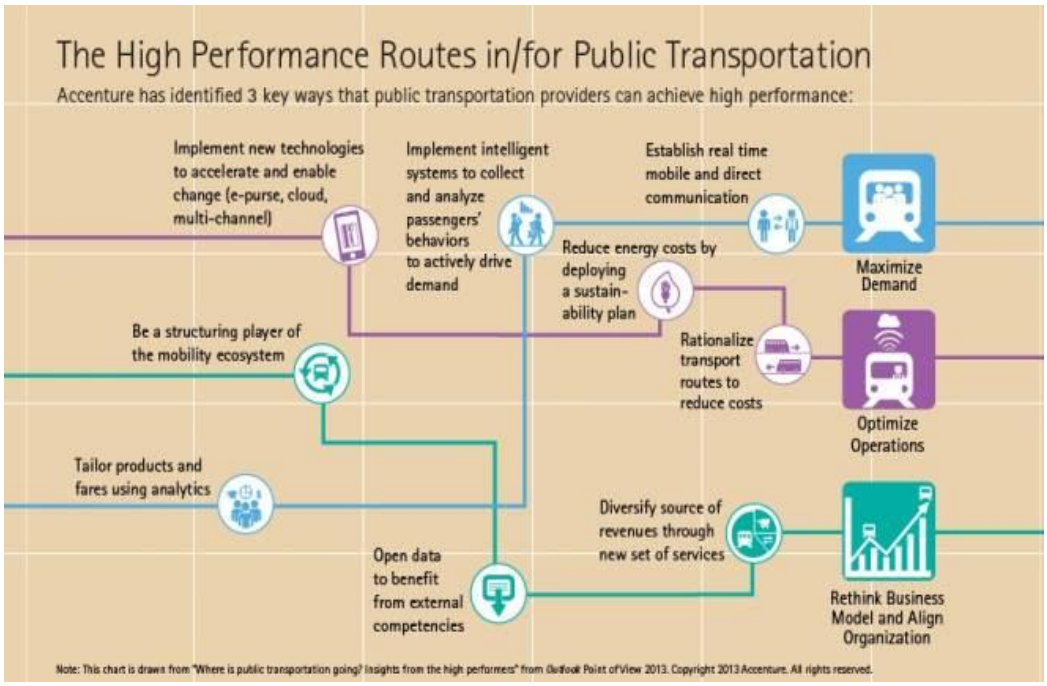


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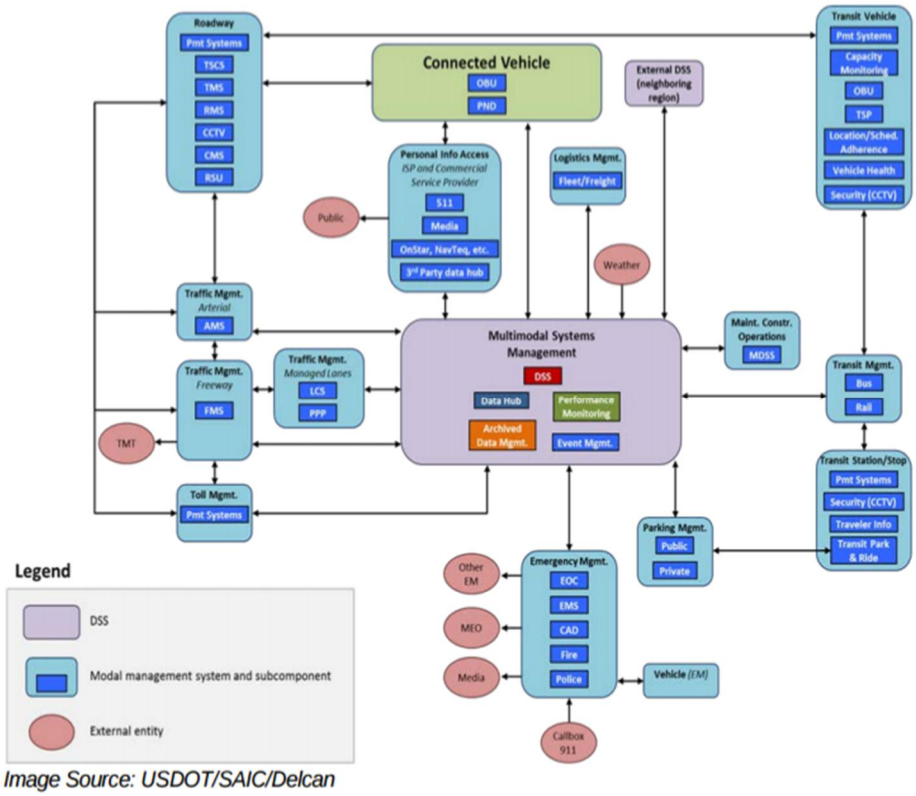
## Big Data's Implications for Transportation Operations. An Exploration

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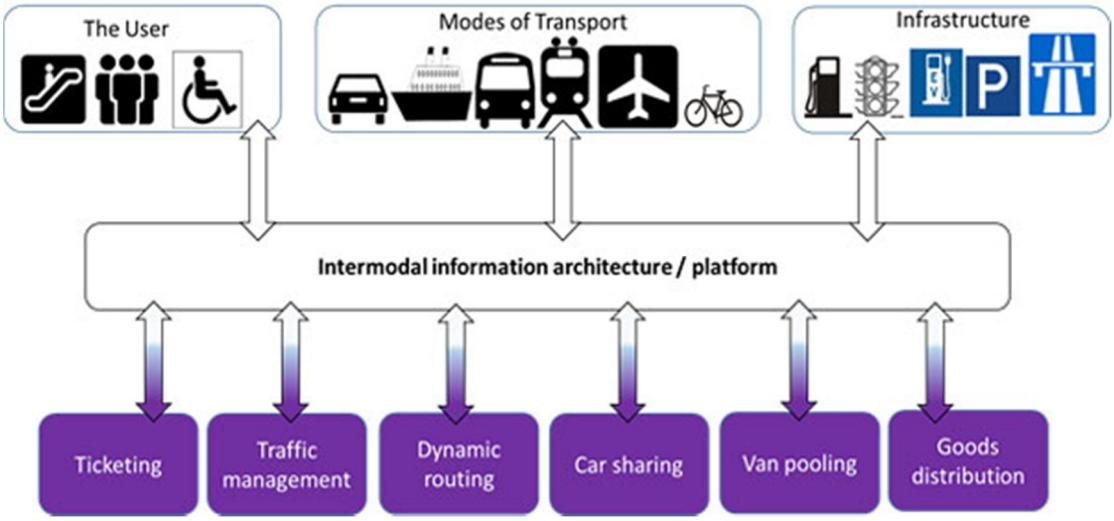
## Transport Intermodality: Integrated Transport for the 21st Century

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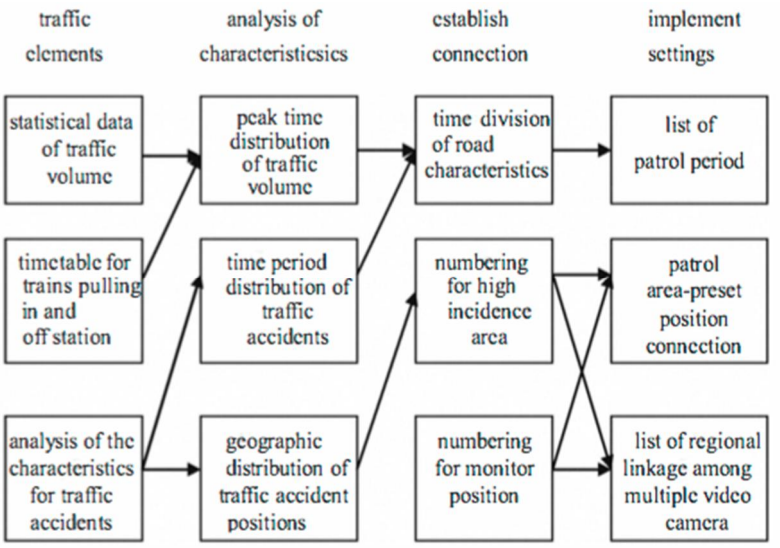
## Intelligent transport management system for urban traffic hubs based on an integration of multiple technologies

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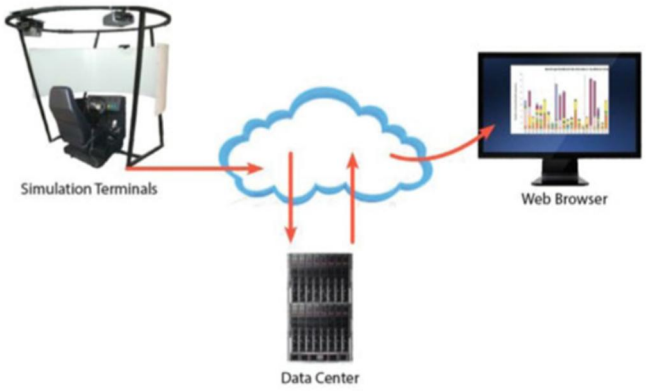


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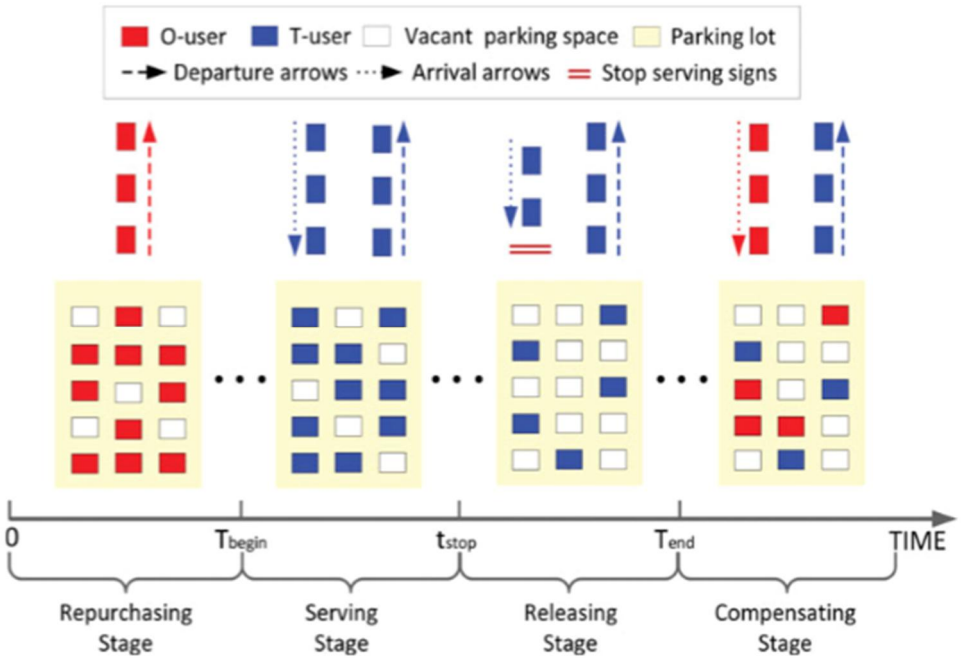


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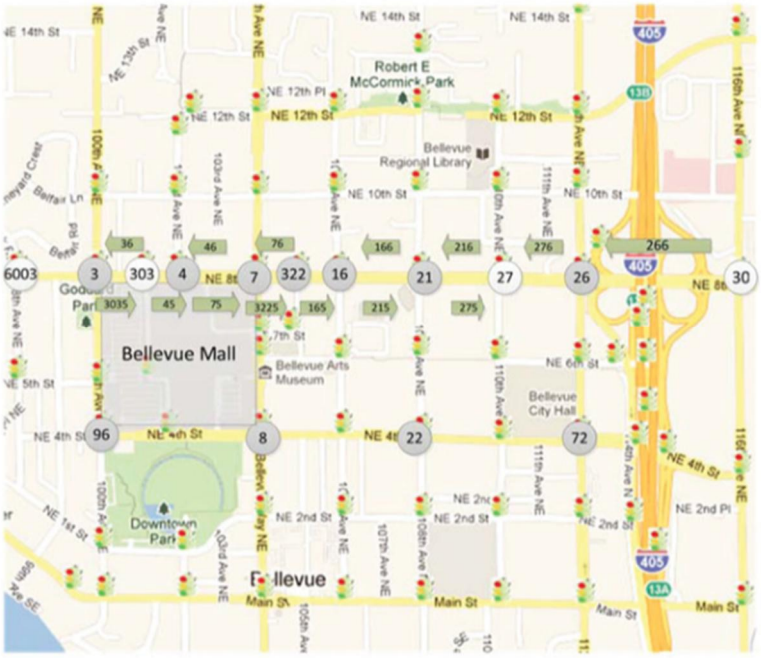


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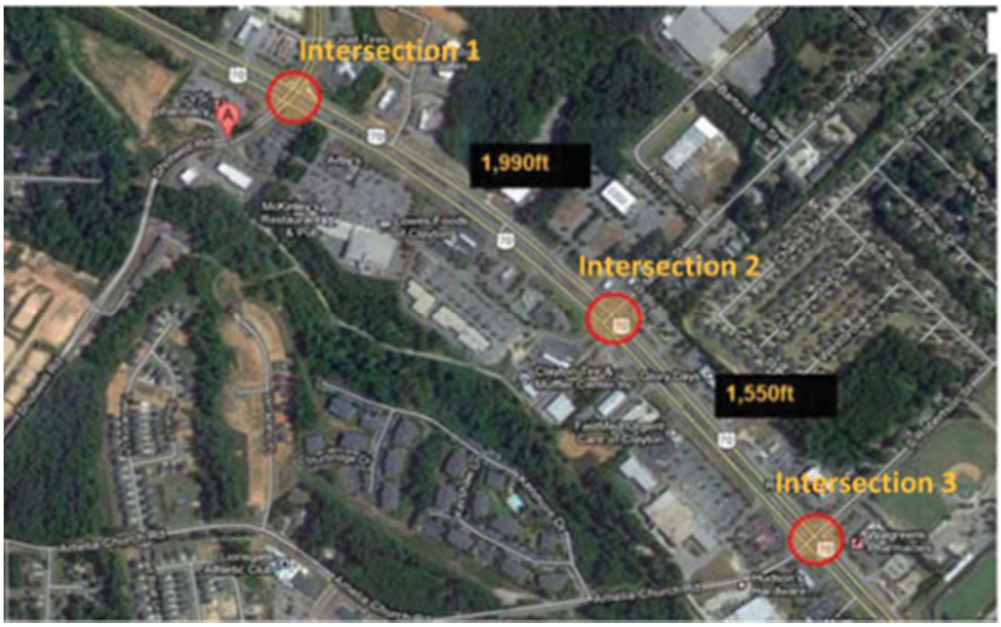


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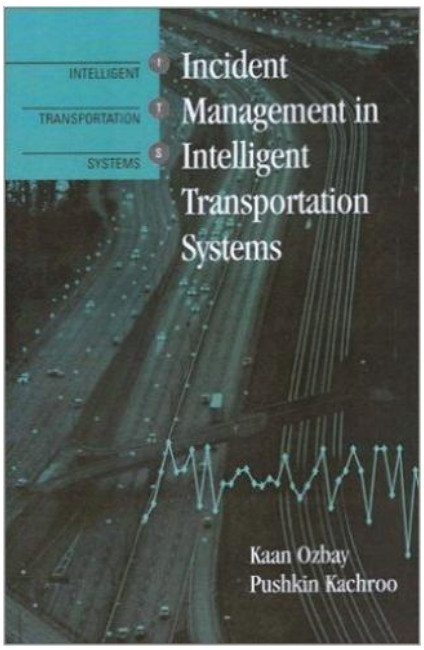


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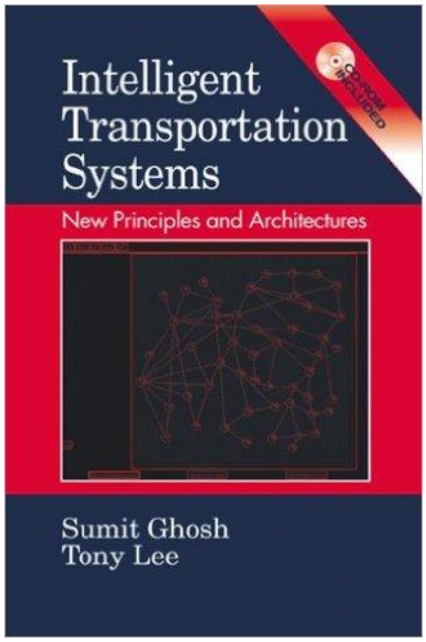


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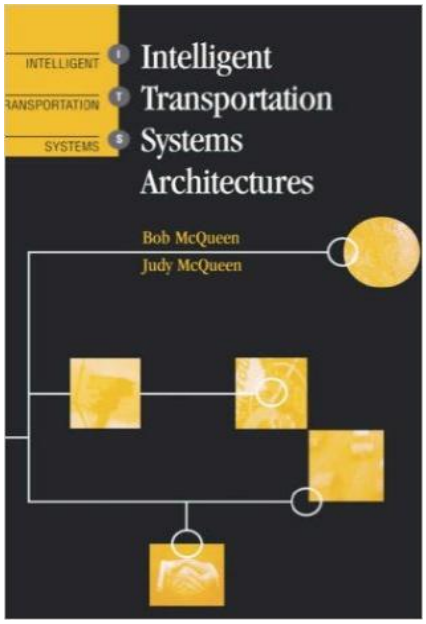


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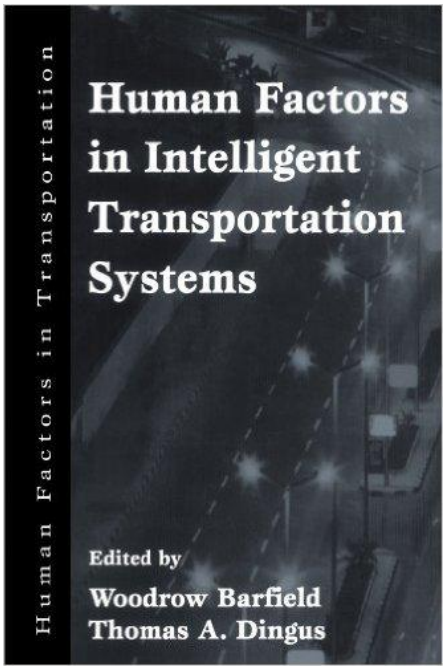


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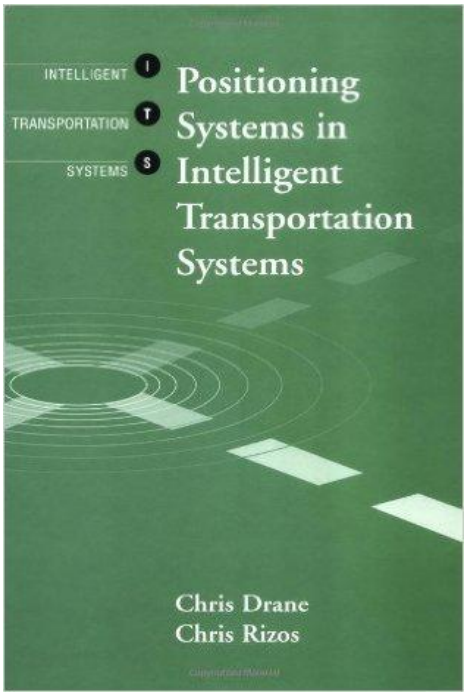


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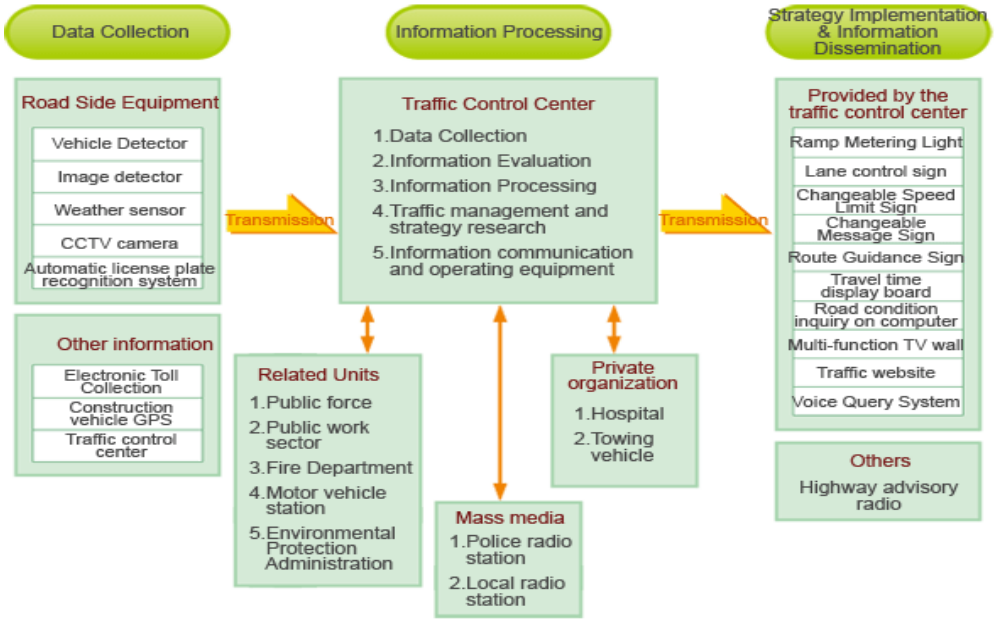


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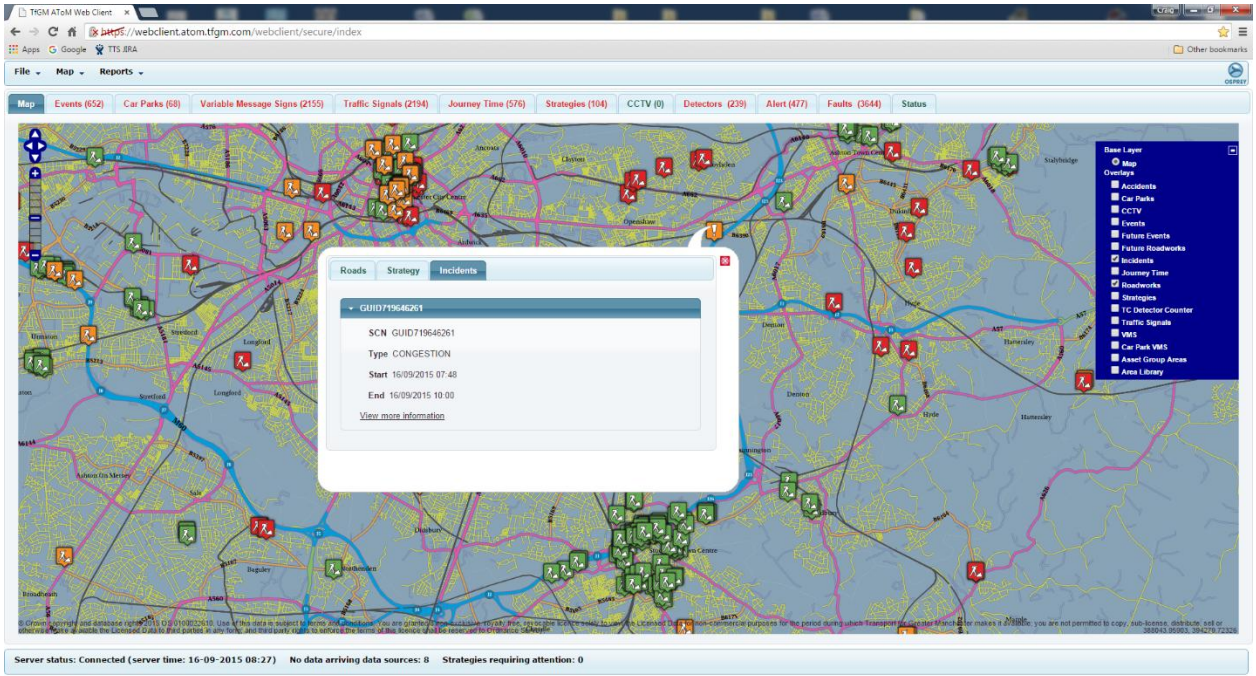


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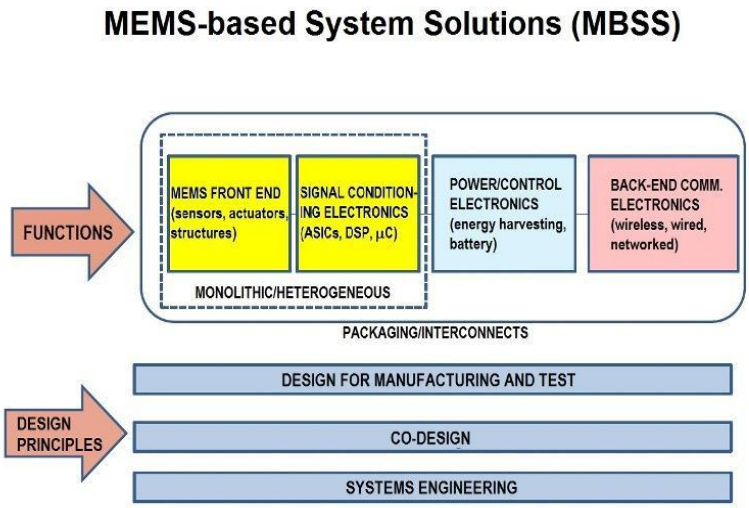


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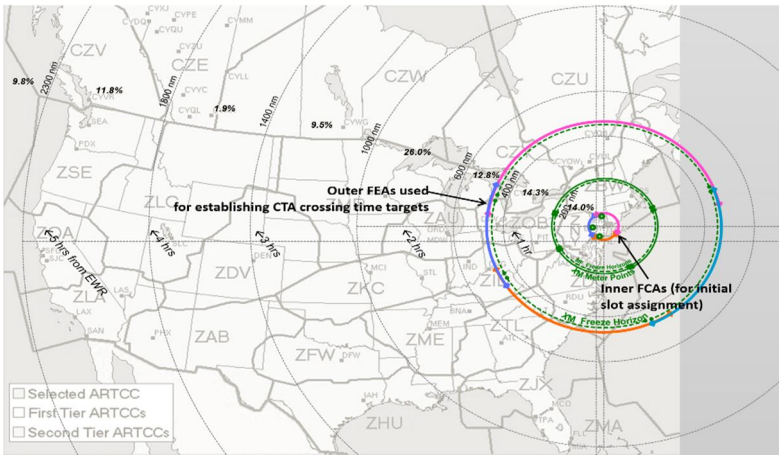


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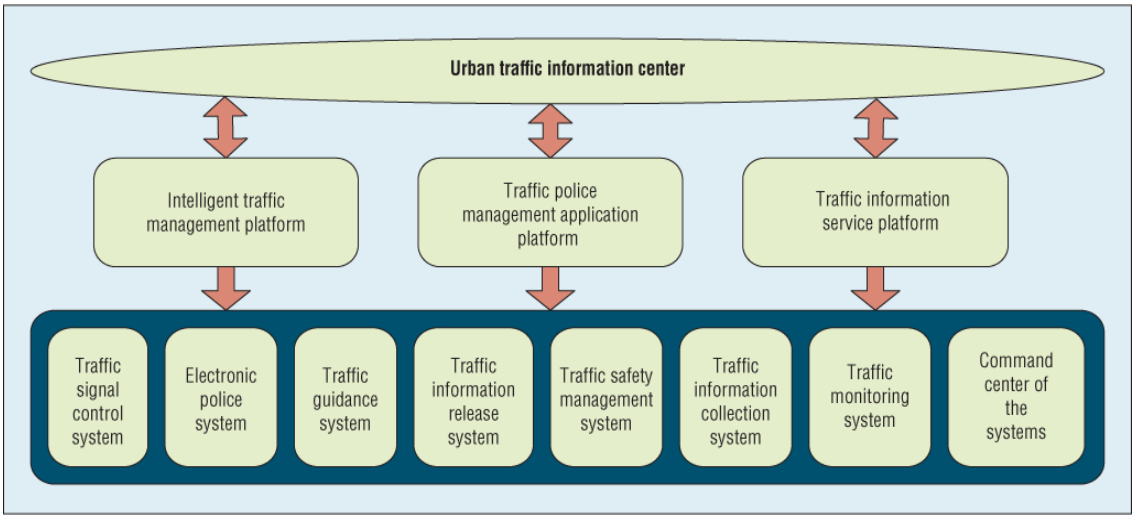


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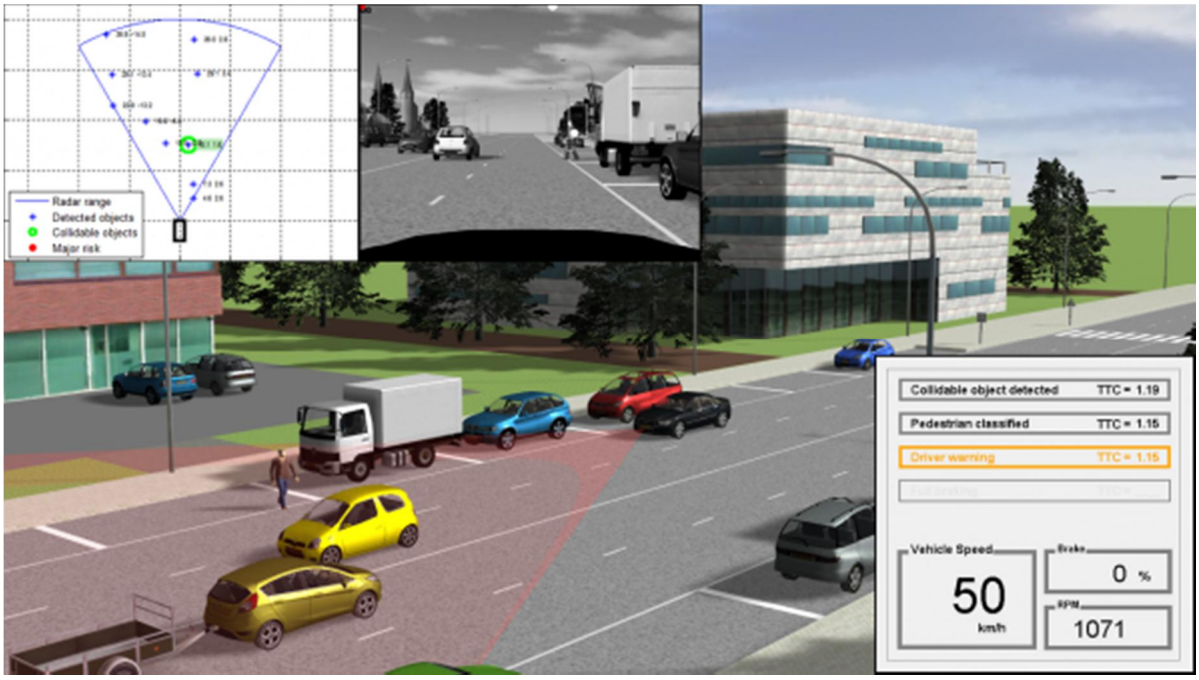


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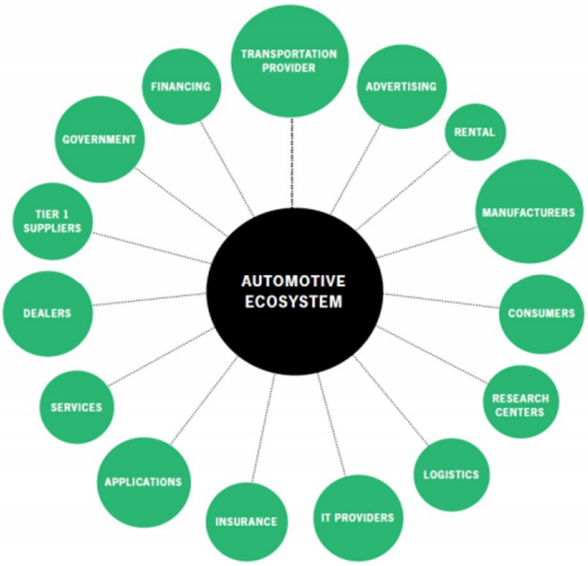


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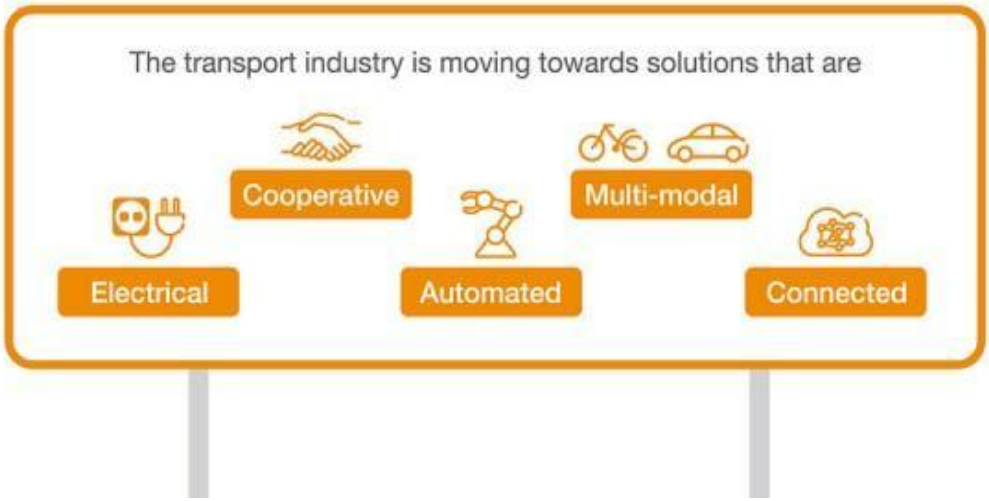


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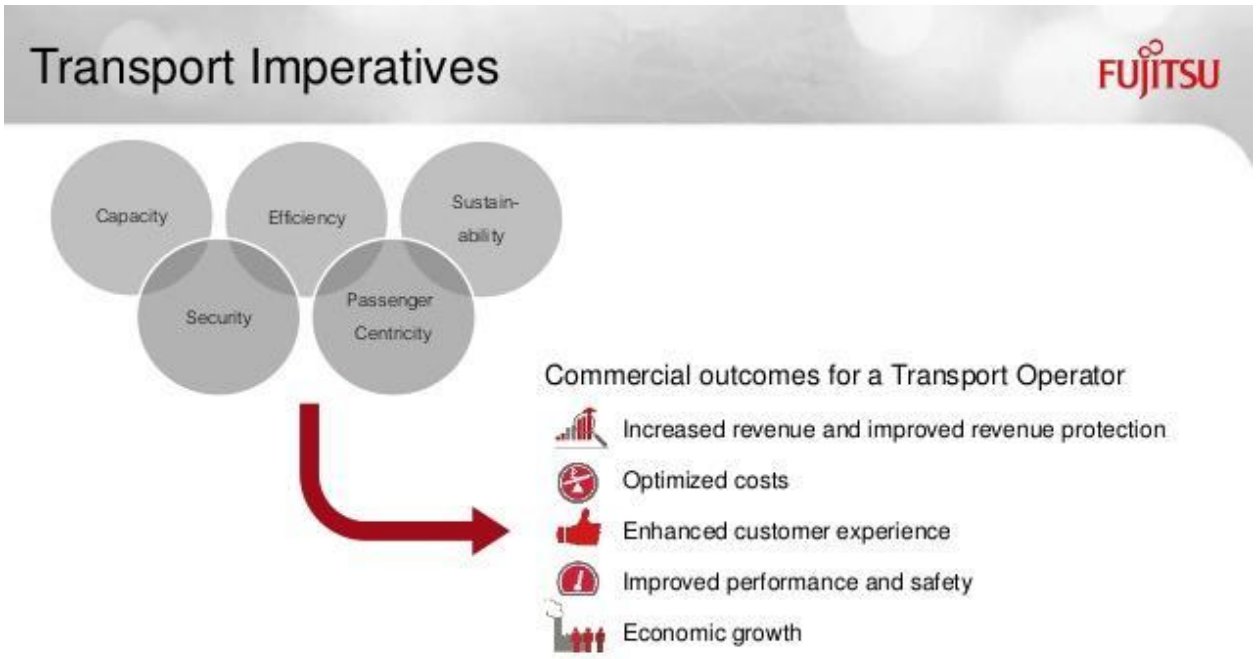


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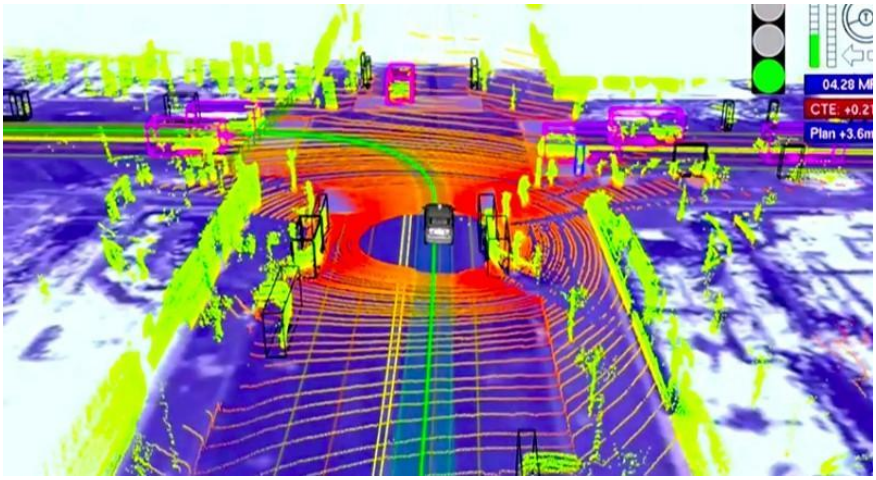

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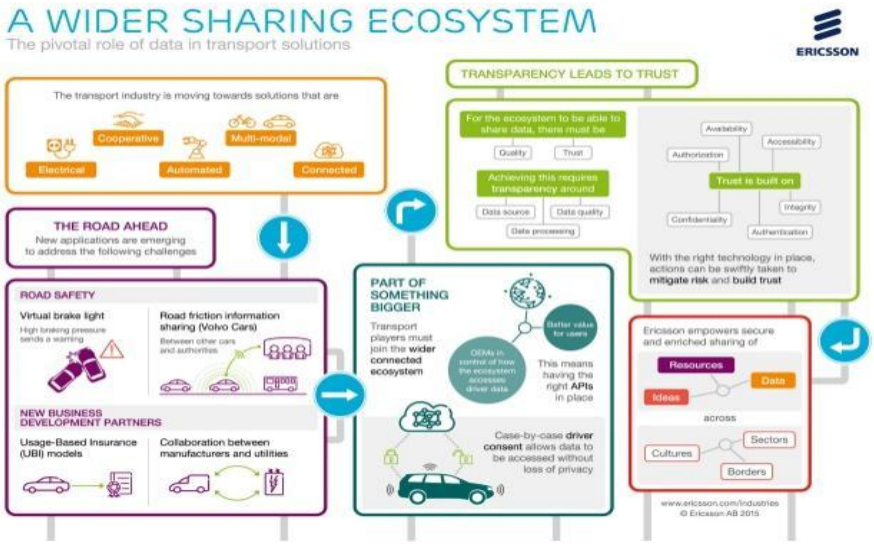


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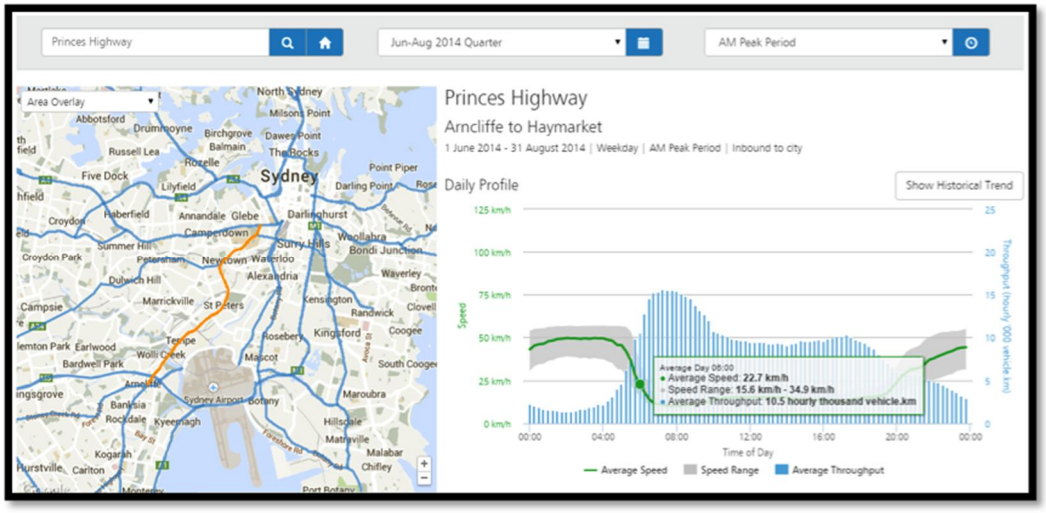
## Data61 is building a transport analytics platform for the states

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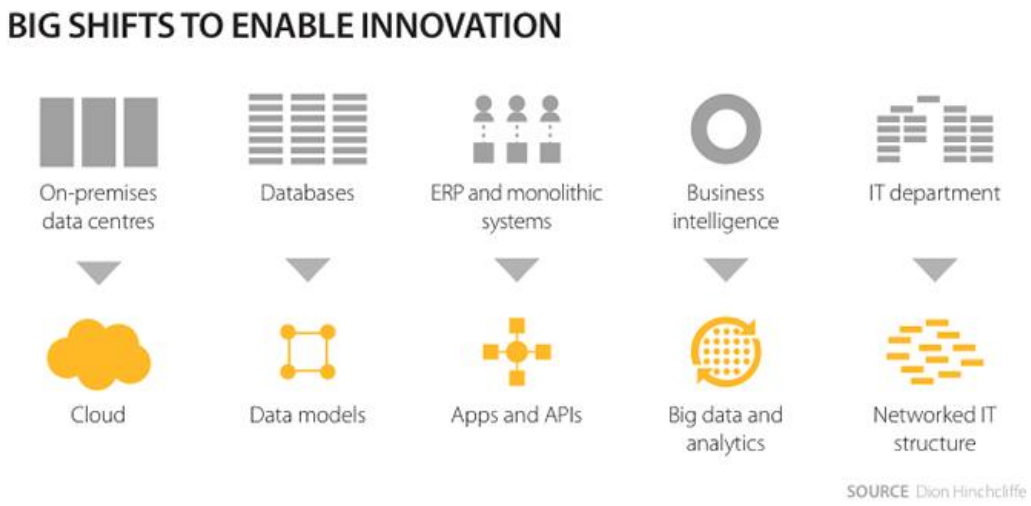


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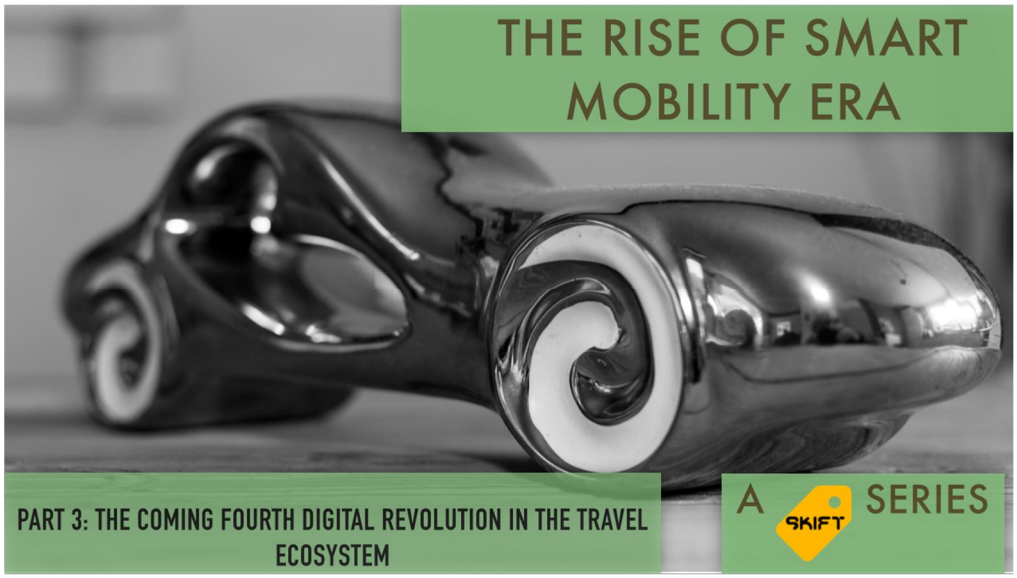


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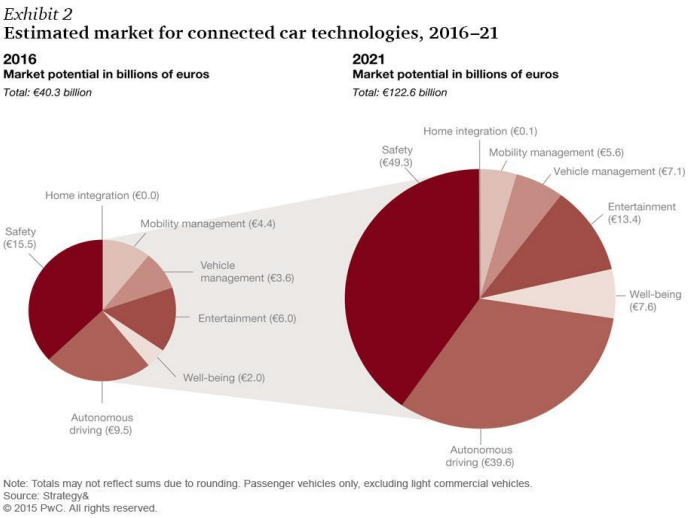


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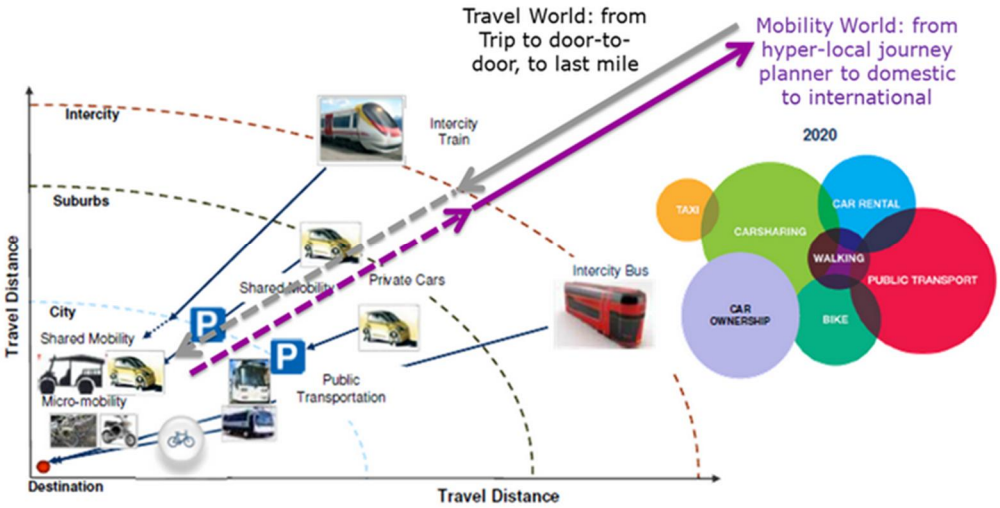


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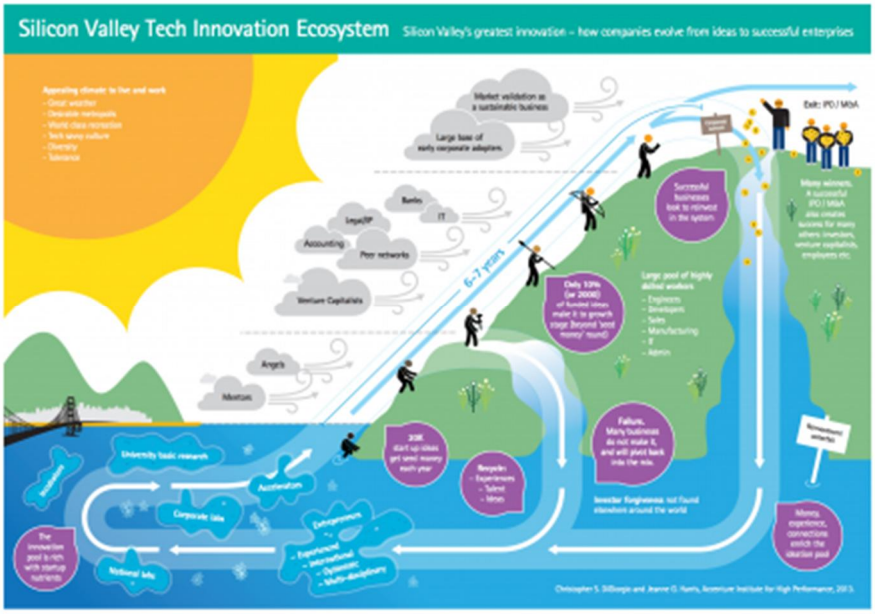


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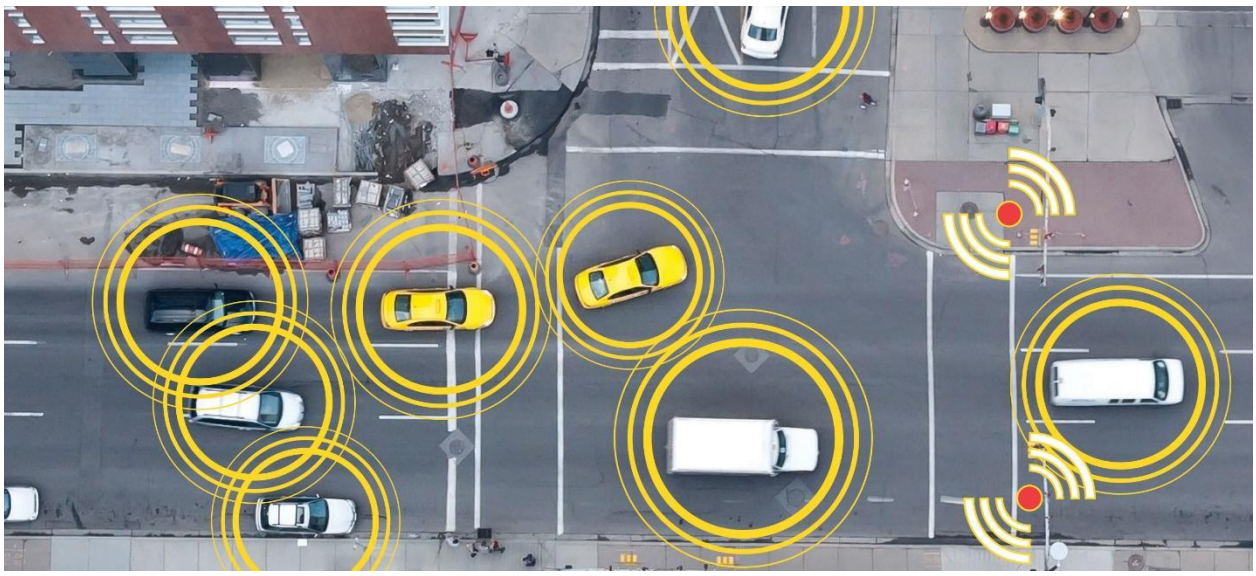

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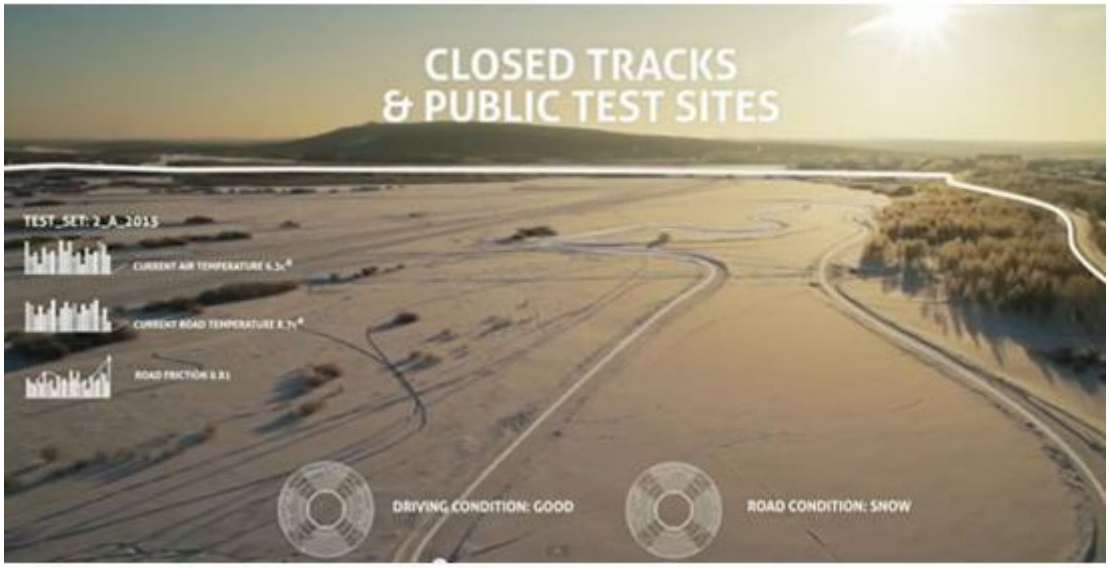


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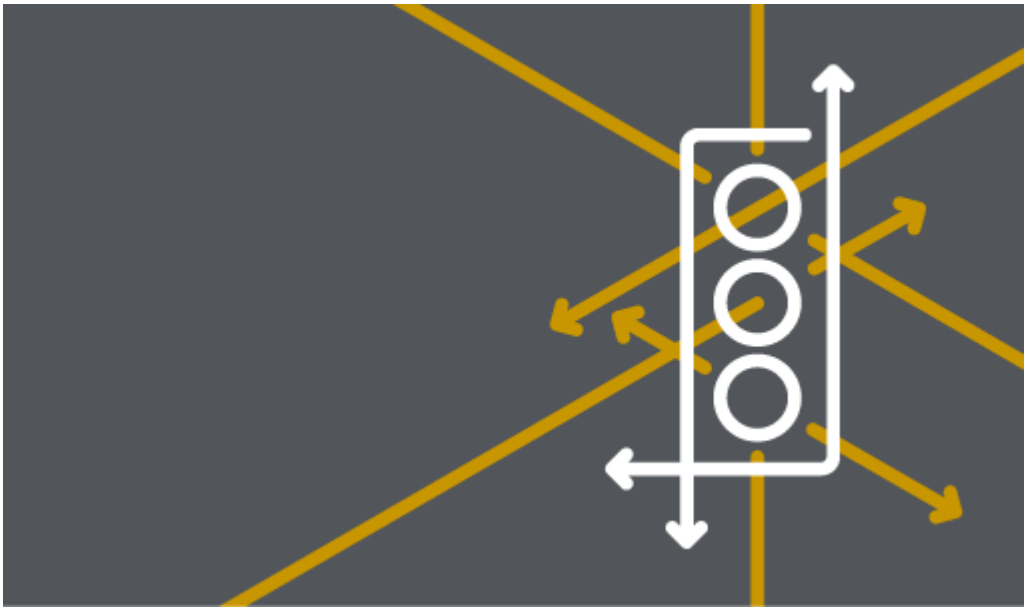

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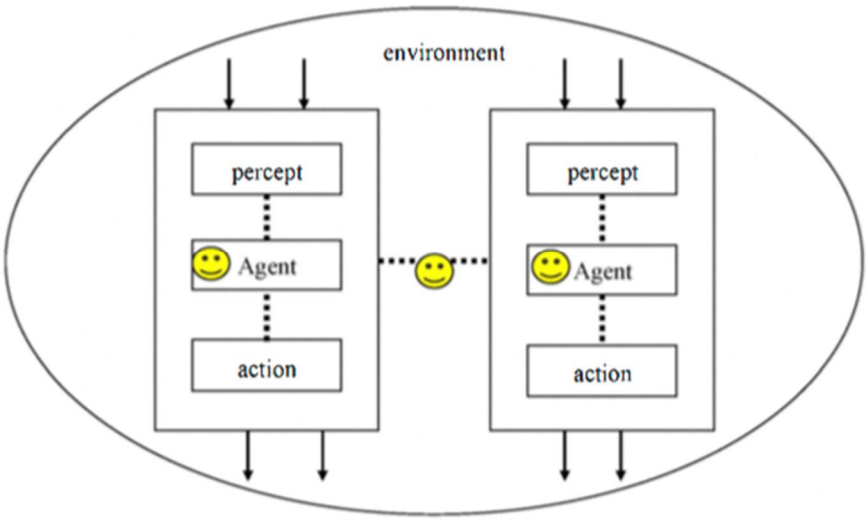


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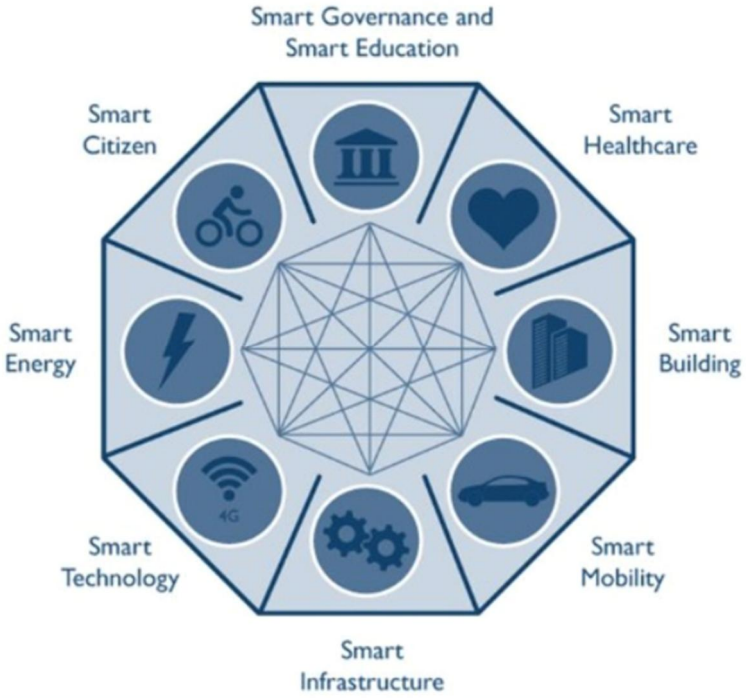


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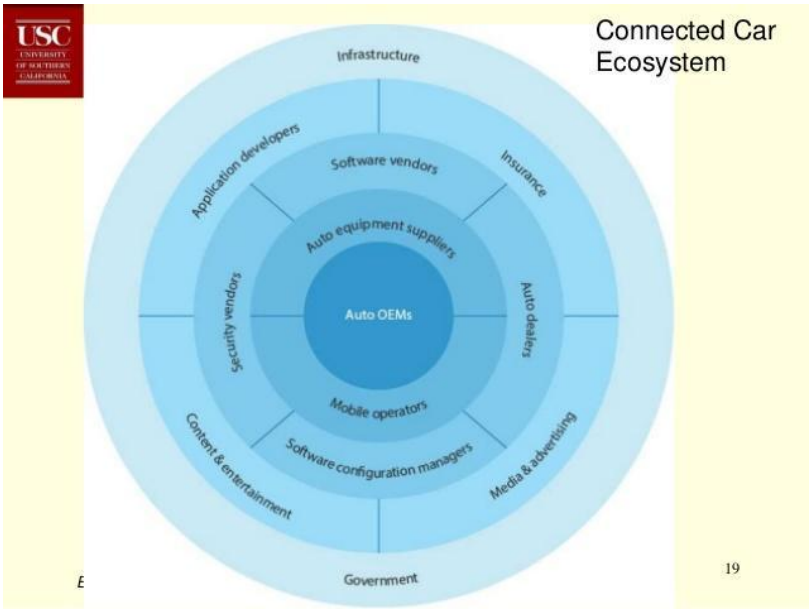


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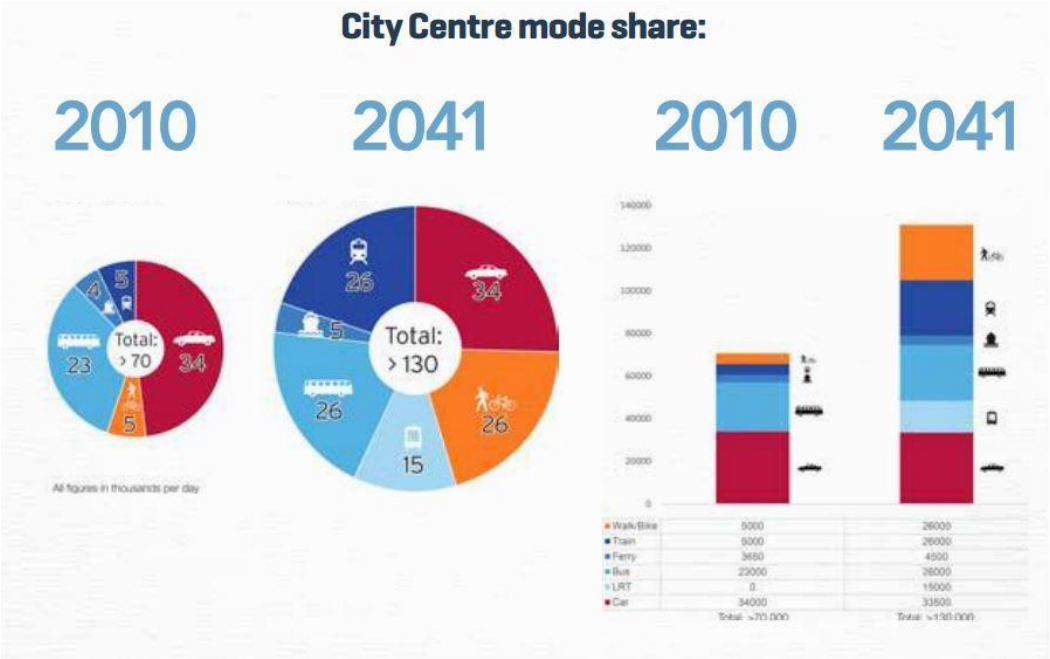


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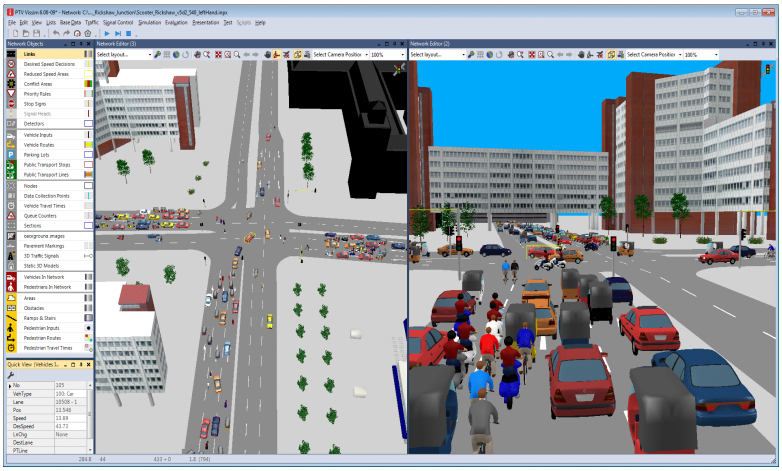
## Microscopic dynamic simulation model for pedestrian-vehicle mixed traffic



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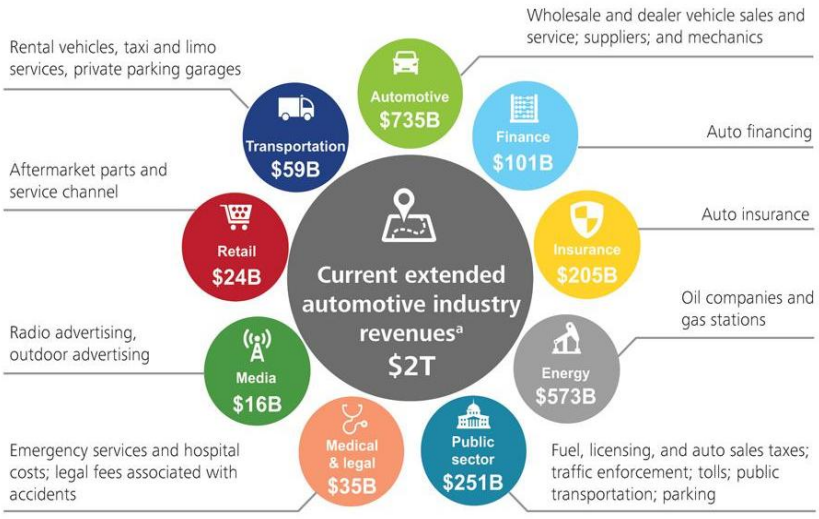
## Digital Technology, Mobility And Convenience Services: What Are The Challenges When Building The Collaborative City Of The Future?




Source: Deloitte analysis based on IBISWorld Industry Reports, IHS, DOT, US Census, EIA, Auto News, TechCrunch. Current revenue represents 2014 figures (or earlier if 2014 data not available) in the United States.
[a]Total revenue is $1.99T.

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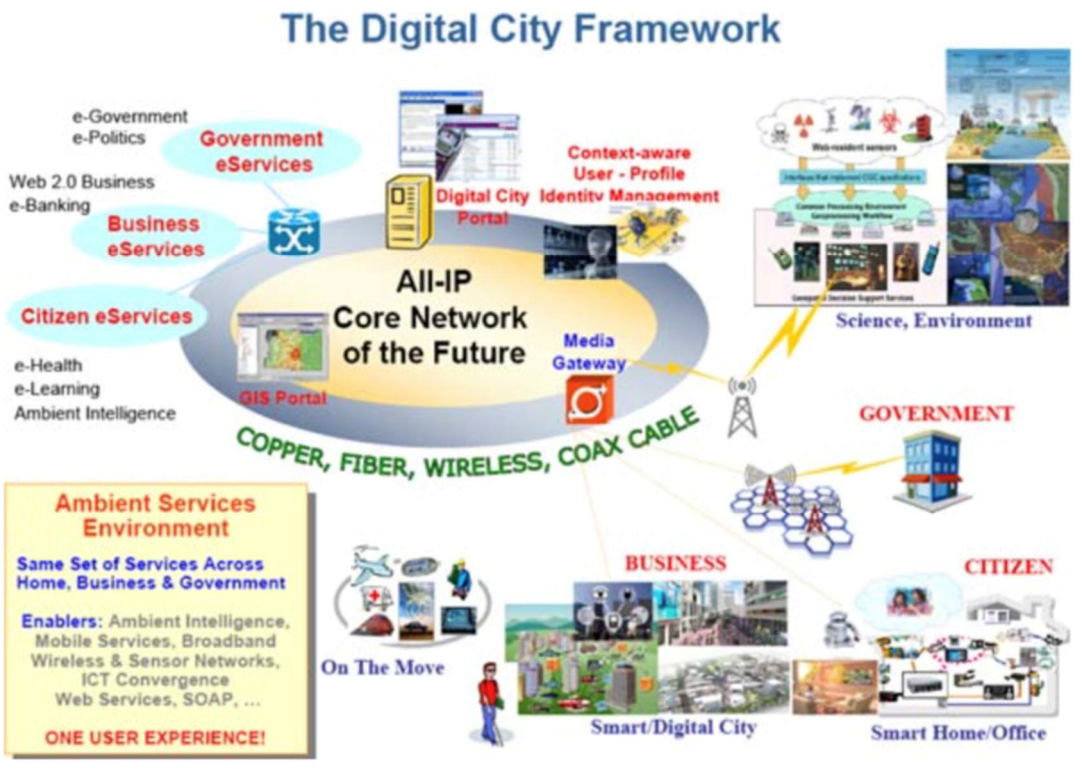


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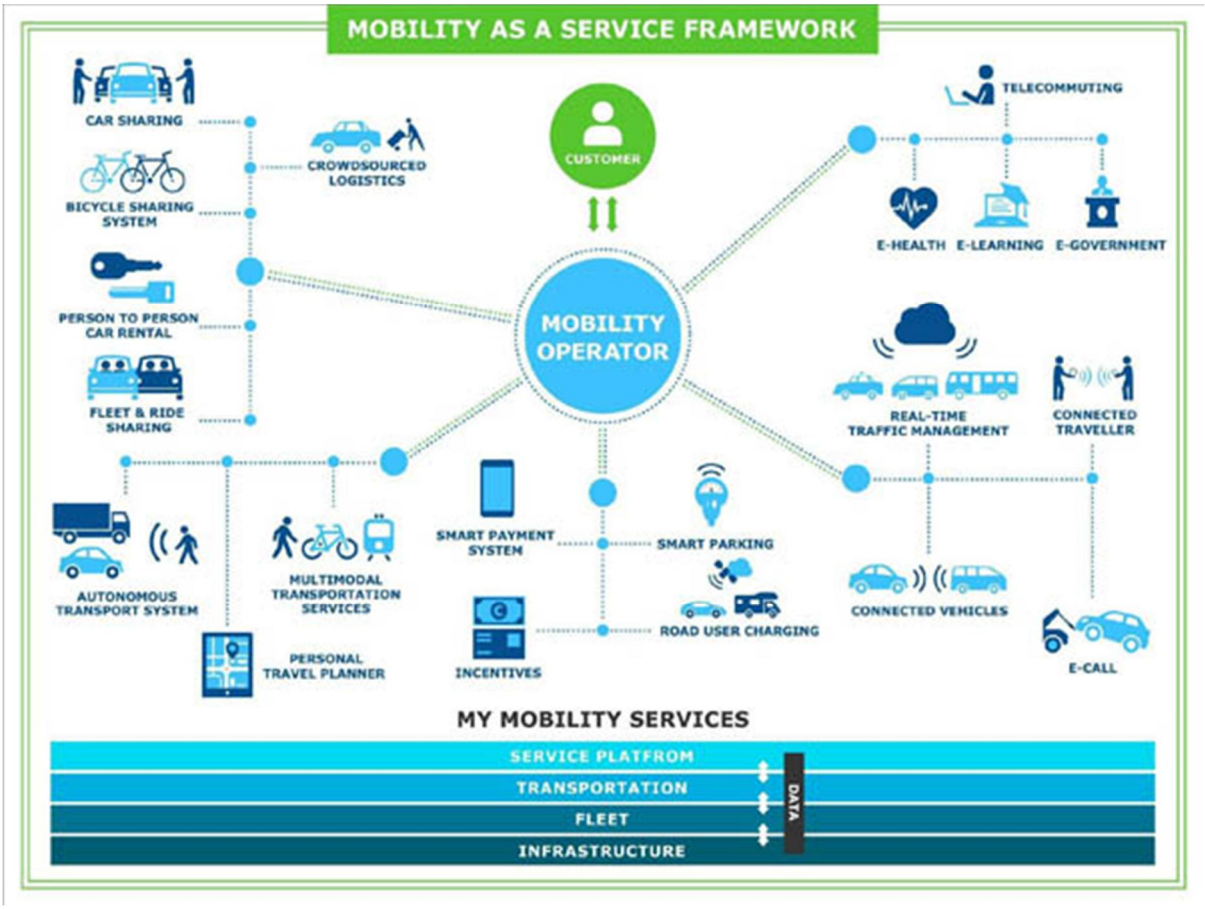


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