

Intelligent Transportation System (ITS)

ITS is the integration of information and communications technology with transport infrastructure, vehicles and users. By sharing vital information, ITS allows people to get more from transport networks, in greater safety and with less impact on the environment.



DESCRIPTION

ITS-INTELVIA

INTELVIA is a system of control, signaling and communication to intelligently manage road traffic through ITS systems

The system was developed based on OSGI platform with the following features:

- Receive traffic signal information from the infrastructure and special warning information from the traffic control centre
- A vehicle HMI to combine the traffic warnings and vehicle telltales and display them to the end user

ITS-AVAL

Implementation of ITS-platform designed to improve operation and safety of urban and highway transportation

The objective of the project is to enable dynamic exchange of information between vehicles (V2V) and between vehicles and infrastructure (V2I).

Applications:



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- Forecast of collisions at any stage
- Electronic tolling
- Electronic signaling
- Electronic surveillance of violations

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