IoT_|_ToI

17 February 2012

Internet of Things: road-Traffic over Internet

*Applicant:***Magneti Marelli**

*Project Duration:***24 months**

Project Partners:

- **C System**

- **Capetti Elettronica S.r.l.**

- **Hicare Research**

- **Ivrea Sistemi**

- **Politecnico di Torino**

- **ISMB - Istituto Superiore Mario Boella**

This project tackles the problems affecting the management of road traffic and urban pollution.

The solution is achieved through the gathering and processing of data distributed from vehicles and infrastructure, both essential parts of the same network according to the Internet of Things paradigm, to set up a decision-making process that can take action to correct traffic problems.

The 'Internet of Things road - Traffic over Internet (IoT_|_ToI)' project proposal tackles the problems of traffic and pollution in a unified way through the collection and processing of distributed data.

In this case, we believe that the vehicles themselves – and certain strategic fixed nodes of infrastructure – can act as IoT nodes for the collection of monitoring data and to trigger the decision-making process, designed to take action to correct traffic problems.

The 5T - Tecnologie Telematiche Trasporti Traffico Torino organisation is also taking part in the project to control traffic lights and public transport in the city of Turin, while Mizar Automazione is participating by supporting project partners in recovering traffic data from the test area, located near the Politecnico di Torino.

http://iottoi.ismb.it/index.php/index.php