Intelligent Transport Systems

Project Name: ITS National Architecture and Master Plan for Peru

Client's Name: Ministry of Transport and Communications

Country and Dates: Peru, 2014-2015

Project Description

Peru has been a late developer in terms of ITS systems. As is the case in other countries, these systems have been implemented at local level or by individual authorities and have not been integrated with other systems.

Disciplines
- ITS Systems
- Telecoms
- Consultancy services

With this in mind, the Ministry of Transport and Communications of Peru is working to improve the transport network operation by introducing advanced technologies and communication systems.

Idom has been collaborating in the development of architecture and master plan of ITS systems in Peru, a project funded by the Inter-American Development Bank (IDB).

The tasks carried out include the following:

- Study and description of ITS experiences in other countries
- Study of current situation in Peru: stakeholders and regulatory framework
- Definition of ITS National Architecture
- Draft of ITS National Master Plan defining the ITS regulatory framework, the strategic projects to be carried out and the implementation programme.

The strategic projects identified have been grouped into policy areas or development programs corresponding to: competitiveness, institutional development, systems interoperability, management and operation, and infrastructure.

Added Valued

Sharing the vision and needs of the different stakeholders involved in the development and operation of the ITS systems has laid the foundation stones to establish the vision of the ITS National Master Plan and its objectives.

Learning / Innovation

While there is no right or wrong technology, the technology that best meets the different requirements of the problem to solve has to be identified and selected, considering not just the functionality to be covered, but also the geographic area and time required for implementation.

Key Challenge

This project has established the basis and framework, at national level, for the implementation of ITS solutions in Peru, as well as defining and establishing programs and associated strategies.
This framework will allow the best use of the full benefits that ITS systems currently provide, and those that will be developed in the future.