Ticketing Platform and PIS (Passenger Information System) Abstract for Interreg Central Europe

The candidates to the Leadership of this project are the Region of Liguria, with the technological support of the italian IT company Almaviva.

- Ticketing Platform

Ticketing Platform some requirement that the solution must cover :

- Multi-channel electronic and paper ticket sales (counter, Contact Center, WEB/App, Self-Service vending-machines, Travel Agencies)
- Multi-channel travel smart-card customization, issue & sales, renew & recharge, (White List for smart-card e-purse management)
- Reservation & Booking, Inspection Management (Black List for smart-card anti-fraud management)
- Multi-operator (intermodality: rail/light-rail, road, water) travel ticket management (time/zone/user profile-basis)
- Clearing House (intermodal operator revenue share from ticket sales)

Architecture of Ticketing Platform:
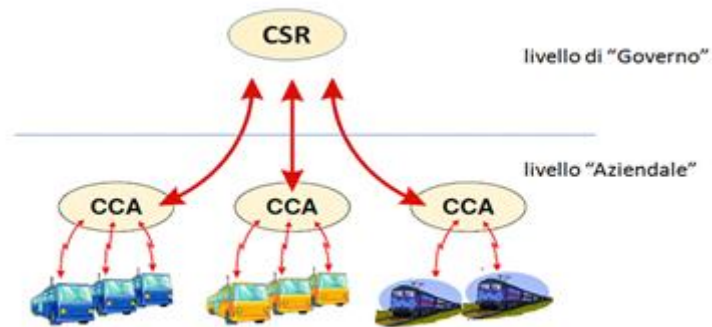
- PIS – Passenger Information System

The Passenger Information System must be a complete and modular with which the customer can inform its passengers. Using this system it is possible to deliver both institutional informations (journey plan, stops, delays, connections, etc.) and commercial informations (small movies, flyers, etc .). The macro functionalities of the system are:

- Public Announce system
- On board automatic audio information
- On board automatic video information
- Telecommunication technologies
- Remote content management
- Real time localization and tracking
- On board networking
- Remote diagnostic

Taking advantage by the constant ground-air-ground communication, all the data both on board and on the ground are always up to date, allowing the traveler to have the all the information it needs and the transport company to have an instrument of communication efficient and flexible

Some Requirement:

Real-time/scheduled train/Bus traffic information
dispatching & broadcasting:

- Station (audio/video devices, electronic/paper timetables, Self-Service machines)
- Aboard trains or Bus on wired devices (monitors) and mobile devices (On-Board Portal)
- Mobile/WEB/Contact Center-channel information

Architecture: