



Ansaldo STS

BACKGROUND

Ansaldo STS is a leading company in the sector of advanced technology for railway and urban transport. The company specializes in the design, implementation and management of systems and services for signalling and supervision. In addition to this, they take up the role as lead contractor in projects for railway and urban transfer. In its worldwide operation as lead contractor, they act as the system integration and turnkey supplier in several important projects of mass transportation.

THE NEED FOR A RELIABLE AND SCALABLE PLATFORM

Reliability and scalability requirements are key elements in such mission critical environments. PLAT.ONE has been supporting Ansaldo STS in developing solutions based on stringent requirements for quality and security. Such stringent needs in the domain of signalling and integrated transport systems for passenger traffic and freight operations have been fulfilled by PLAT.ONE for many years. PLAT.ONE has a skilled team of highly qualified professionals in software development and project management. They carry out the implementation utilizing the latest tools which allow secure and rapid acquisition of data from distributed sensor networks.

INTELLIGENT TRANSPORTATION SYSTEM AS THE ANSWER

The Intelligent Transportation System (ITS) powered by PLAT.ONE encompasses a broad range of technologies and offers a wide scope for integration. ITS represents a real-world example of a System of Systems. Such a paradigm is implemented by a collection of task-oriented or dedicated systems that pool their resources and capabilities together to create a new and more complex system. Which in effect, offers more functionalities and performance than simply the sum of the constituents. Only through such fully integrated systems the ITS solution can achieve its full potential. ITS supports all the required and advance features of the domain:

- Device Management
- Alarm Management
- Data Acquisition (data collection & reporting)
- Rule Engine Service
- Customizable and Extendable Data Model

