



COMPLEX SOLUTION

oltis group

Infrastructure Manager



INFORMATION SYSTEMS FOR TRANSPORT, FORWARDING AND LOGISTICS



Infrastructure Manager

OLTIS Group information systems for infrastructure managers constitute complex IT support solutions for ensuring railway operation during the entire life cycle of a train. The advantages include highly

interconnected data, consolidated and comprehensive solutions, including data communication with ISs of railway undertakings as per TAF TSI.

Overview of Topics Addressed

Registers and maps	Dynamic network statement with a map interface. Infrastructure register. Register of series and individual vehicles – traction and non-traction. Register of companies and sidings in operation.
Planning and publishing closures and restrictions	SW support of planning and organising closures. Database of infrastructure restrictions.
Publishing IM's information	Complex web portal for publishing information to railway undertakings. Dynamically generated outputs, integration with other web applications of the IM.
Ordering and allocation capacity	Complex support of railway capacity allocation and TT compilation. Data communication between railway undertakings in line with TAF TSI. Web client for railway undertakings without their own IS. Compilation and publishing timetable sheets in print and digitally, including data communication to a traction vehicle.
Transport of exceptional consignments	Complex support of negotiating exceptional consignment transports. Record of obstacles; Loading gauge assessment.
Train preparation before departure	Receiving information from railway undertakings about train analyses and train readiness to departure. Monitoring of driver licences on traction vehicles, checklists.
Operation/dispatch management	Complex IS for continuous planning of train paths; Monitoring of train running for operation management. Data communication with ISs of railway undertakings and nearby infrastructure managers, RNE TIS, etc.
Train run information	Visual representation of the position of trains for passengers and railway undertaking dispatching centres without their own information support.
Supporting of station master's work	Logging electronic transport documentation, including data communication with central IS. Management and setting up train running order.
Organization of human resources management	IS for complex planning and monitoring of employees' attendance for all kinds of rosters. Subsequent personnel performance evaluation and producing documents for salaries.
Access fee calculation	Complex system for calculation of fees for using train paths with high level of automation, which uses full implementation of unique TAF TSI identification.
Data marketplace	Integration of data to operation information systems of an infrastructure manager. Analysis of data encompassing all activities of railway operation with use of visual map interface.