



EUROPEAN RAIL TRAFFIC MANAGEMENT SYSTEM

How to be in Control and to be Accountable

The Dutch government has decided to implement the European ERTMS standard for train safety ETCS Level 2 in the Netherlands as of 2016 to improve safety. Although ETCS is deployed on some tracks already, the nationwide application brings the whole Dutch railway network to a new level of safety, compared to the current ATB system. The government also considers the issue of a traffic management system, the TM of ERTMS with regard to optimal use of the infrastructure because it is doubtful whether ETCS Level 2 alone will bring capacity gains.

Many challenges come with the implementation of such a system. Which role should stakeholders have, how can the ministry be in control, what procurement strategy should be followed, which baseline will be standard, what about the interfaces with the already existing ETCS-lines and with our neighboring countries, how to keep costs in control, which migration strategy would be best, how to get a smooth integration between trackside and rolling

stock on the one hand and different suppliers on the other? These and many other questions have to be dealt with while past experience with implementation in the EU is not always reassuring.



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"The complexity of implementing ERTMS requires specific attention to be in control and to be accountable. ADSE can help to deliver."

ADSE can assist you to be in control and be accountable. From policy planning to maintenance, ADSE has ample experience with a number of issues that require your attention.

Added Value ADSE		Life Cycle							
		Policy definition	Planning & Migration	Design	Contracting	Build	Change	Maintenance	Decommissioning
Organizational Services	Implementation Scenario's								
	Technical Management								
	Risk Management								
	Tender Documents								
	Asset Management (RAMS)								
Technical Services	Requirements Management								
	Validation & Verification								
	System Integration								
	Concept Development								
	Value Management								
	Safety Case								
	Configuration Management								

Services

- Requirements management
- Implementation scenario's
- Organization
- Risk management
- Verification and validation
- System integration
- Concept development
- Tender documents
- Value management
- Safety case
- Asset management, LCC

Track Record Selection

- Safety Case HSL (High Speed Line)
- System engineering HSL
- System integration HSL
- Test management
- Development subsidizing instrument railway Undertakings Betuweroute
- Market study

ADSE is an independent consulting and engineering company active in the market areas of Aerospace, Defence, Infrastructure and Rail Transport. We are a versatile and committed service provider and you will appreciate our systematic approach and technical knowledge as crucial to achieve process improvement, product development and efficiency.

We structure, develop and use a hands-on approach to project planning, execution and improvement. From advice through to delivery we find solutions in collaboration with our customers.

Our added value is based on a high level of experience, and our capabilities such as specification, integration and certification of technical solutions together with technical project management.

ADSE, an EASA approved DOA and recognized as EASA Qualified Entity, is located in the Schiphol Amsterdam area, in Hoofddorp, the Netherlands and works closely together with ADSE A.G. in the Basel area, in Reinach BL Switzerland.

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