Digitalisation and processes automation













Project by:





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Rail freight

Digitalisation and processes automation





Solution description

This solution explores and evaluates the implementation of **autonomous technologies in rail shunting operations** within an inland intermodal terminal (MIS terminal).

The goal is to **optimize operational flows in a complex and evolving layout** and assess the adaptability of automation.

Shunting operations are crucial for assembling, disassembling, and positioning trains for intermodal transport.

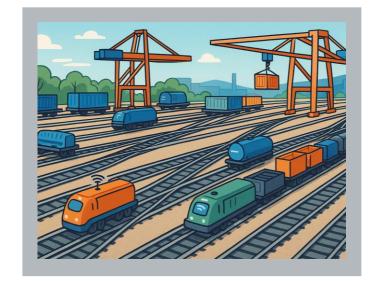


Benefits

- Increased efficiency and reliability in shunting operations.
- Reduced time for coupling and uncoupling wagons.
- Optimization of locomotive management.
- Improvement of safety.
- Support for the shift towards multimodal logistics.

Main beneficiaries:

Inland Intermodal Terminal Operators, Rail Freight Operators



Technology readiness level: 4
Implementation stage: Concept







AUTONOMOUS RAIL SHUNTING IN INTERMODAL TERMINALS

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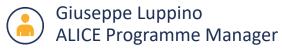


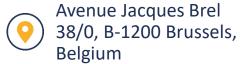






Would you like to know more? Take contact:





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