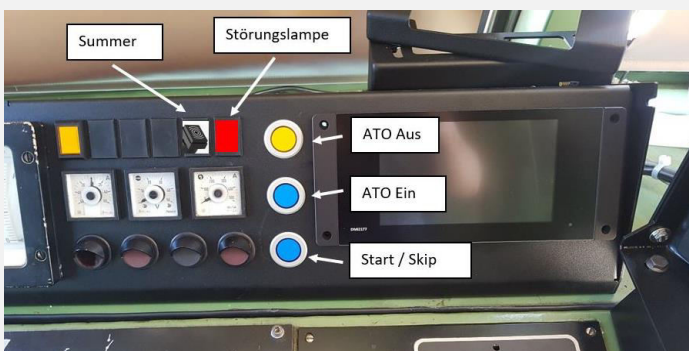


Anywhere in the world

ATO GoA2 for Mainline Operations

Design, Implementation, Testing and Approval



- Automatic Train Operation GoA2
- Remote Operations
- Automatic Stabling
- Automatic Shunting

- ATO Onboard Unit
- ATO Trackside Server

- Optimise Running Profile
- Driver Advisory Mode
- ATO DMI

Automatic Train Operations for Mainline

Our ATO experience in Switzerland



Functional Testing of Rail Systems Engineering's ATO system for Mainline Trains has been successfully completed on Switzerland's SOB railway. The system is fully ERTMS-compliant (GoA2 over ETCS L1) and it is designed to run on any conventionally signalled railway.

Our ATO system:

- Modular setup enables easy integration to existing control systems
- Works with all generations of rolling stock
- Works with ERTMS and other ATP systems

Your Benefits:



Our complete ATO solution

RSE-OBU-1

- Onboard Unit – GoA2 for Mainline
- Control train runs from Start to Stop
- Optimise running profile
- Driver advisory mode available

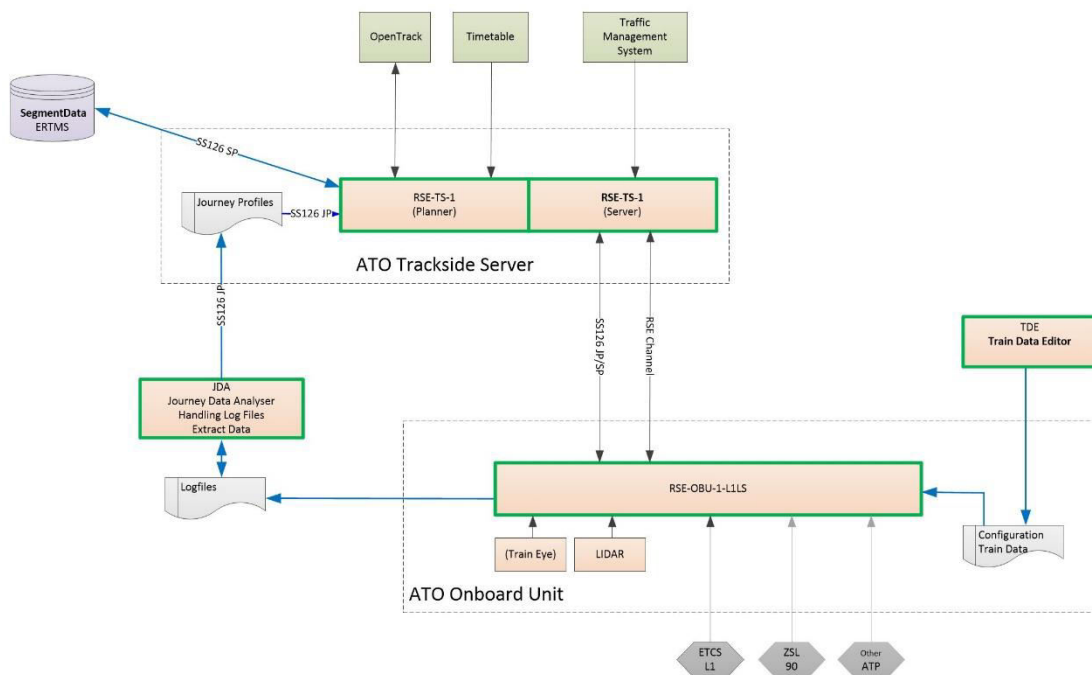
RSE-ATO-Trackside

- ATO Trackside Server
- For small to medium sized networks
- Standalone or linked to existing TMS


Remote Control

- Remote Control Operation (REMOOT)
- Automatic Stabling
- Automatic Shunting

ATO Onboard and ATO Trackside



Commercial Test Run

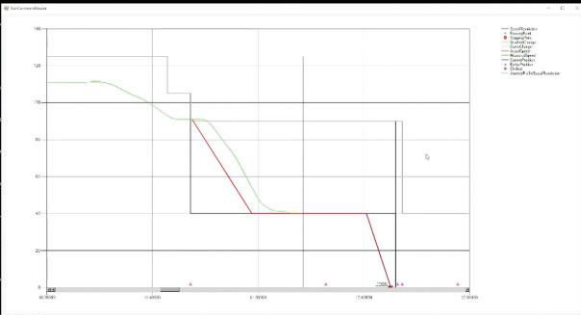



ATO Testdrive

RBD_e


14:01:33
15.6.2022

Speedprofile





Front View



BRN **00:19** **01:21**

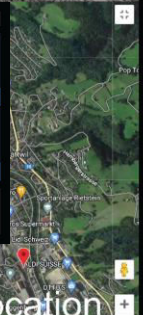
Station Haltestelle Abfahrt

08m

Verbleibende Strecke

HALTZEIT ABFAHRTZEIT TÖREN FREI SIGNAL HALT HALTEN

Driver Display



Location

Rail Systems Engineering SB – Malaysia

The company was founded in 2008; we are located and registered in Kuala Lumpur, Malaysia.

The company's main focused services are Mainline ATO, Operations Concepts, Simulation & Timetable Planning. We cover East Asia (all ASEAN countries), Korea, Taiwan, Sri Lanka, Bangladesh & Saudi Arabia.

Rail Systems Engineering AG – Switzerland

In 2017 Rail Systems Engineering AG in Switzerland was opened, with focus on Train Protection, ATP & ETCS.

Rail Systems Software GmbH – Switzerland

The company joins the group of companies in 2021. It is providing services with regards to Railway Infrastructure Data and Software Development for data management and handling.



www.railsystemsengineering.com

The group

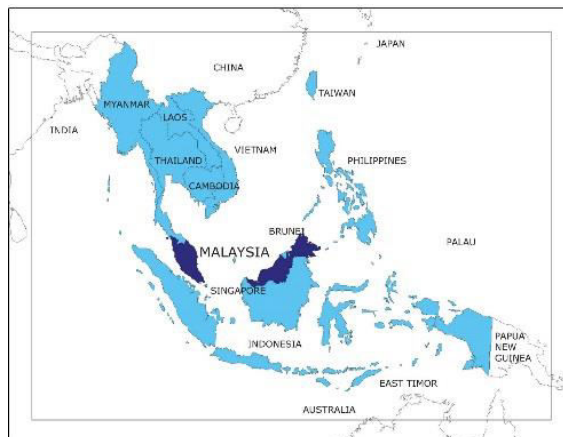
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