

TwinTrain - Single Car

Faster testing through
simulation of vehicle parts

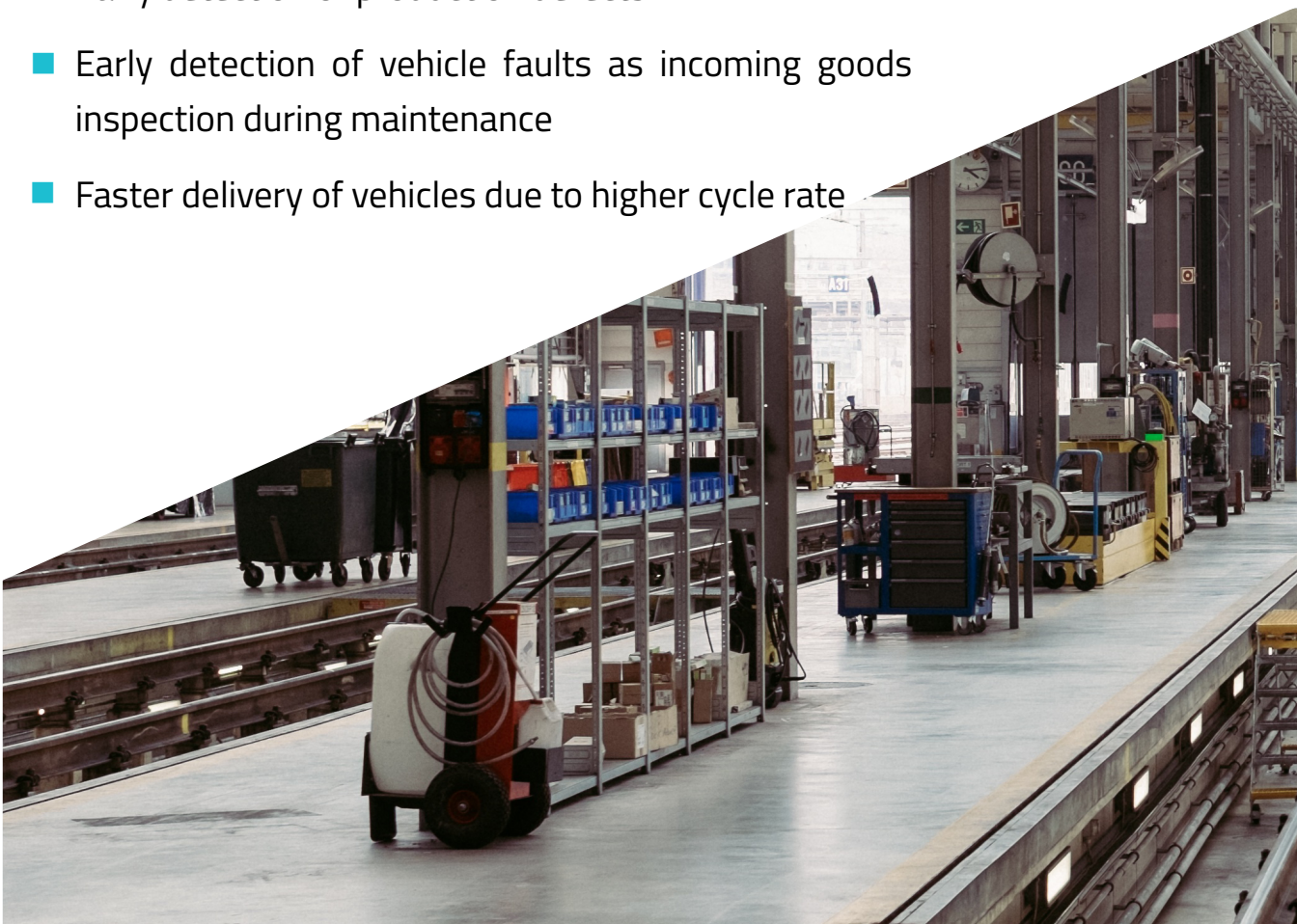
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The TwinTrain Single Car from SPHEREA simulates all further single car parts and thus enables early commissioning of the individual cars.

Before commissioning multiple units, the individual carriages are produced sequentially. Delays in the production process result in the individual wagons occupying unused floor space in the factory. As soon as the complete multiple unit is assembled, testing can take place. Errors from production are only detected late and therefore lead to delays. In order to make optimum use of the time after production, SPHEREA has developed the TwinTrain-Single Car. This simulates all further single car parts and thus enables early testing of the individual cars. The simulation of the individual cars can be carried out from discrete signals to bus systems such as MVB/IP Bus.

Advantages

- Shortening of testing
- Early detection of production defects
- Early detection of vehicle faults as incoming goods inspection during maintenance
- Faster delivery of vehicles due to higher cycle rate



Technische Highlights

Digital commissioning - central overview of the vehicle status and all commissioning steps



Test procedures - defined test procedures in UTMS.neXt ensure uniform and transparent commissioning.



Data utilisation - Errors in the production process can be detected at an early stage through data analysis in UTMS.pivot.

Field of Application

- Production
- Testing
- Maintenance

Our solutions for your mission in safety and mobility!



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