

Reliable Trains

Background

- RfQs for new trains frequently include take-over of their maintenance.
- The operation risk is partly transferred to the OEM
- Risk mitigation is crucial for the successful execution of such projects

Customer Benefit

- Joint validation by the system integrator and his suppliers, on all integration levels, parallel and coordinated
- Fast amortization via reduced failure rates from the very start of the fleet.
- Solid preparation for a CBM/PDM driven reliability growth process

Requirements

- Systematic mitigation of reliability risks entailing the product development
- Usage of all test-facilities from component to the complete vehicle
- Implementation of a methodology for sustainable improvement of the product validation

The Solution with Uptime LOCATE

- Comprehensive risk analysis for a focused mitigation program
- Role and responsibility of system suppliers:
 - Testing for demonstration of module maturity
 - Quality for reliability
- Derivation of the requirements for instrumentation and fleet analytics

