Design a Drivetrain Validation program

UPTIME
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Background

- Validation using prototypes is very expensive
- The time for validation is limited
- Different duty cycles of drivetrain variants, have to be covered by one common validation program

Requirement

- Design a compact generic validation program
- Consideration of all customer behaviours and drivetrain variants
- Front-loading of evaluation for new drivetrains and applications

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Customer benefit

- Full coverage of reliability risks
- Optimized test efficiency and redistribution of unproductive test volumes
- Test program providing maximum reliability demonstration and reduced validation costs

Solution with Uptime LOCATE

- Identification of reliability risks
- Generation of variant-specific reference duty cycles with synergies from common parts
- Design and optimization of validation tests and test program