

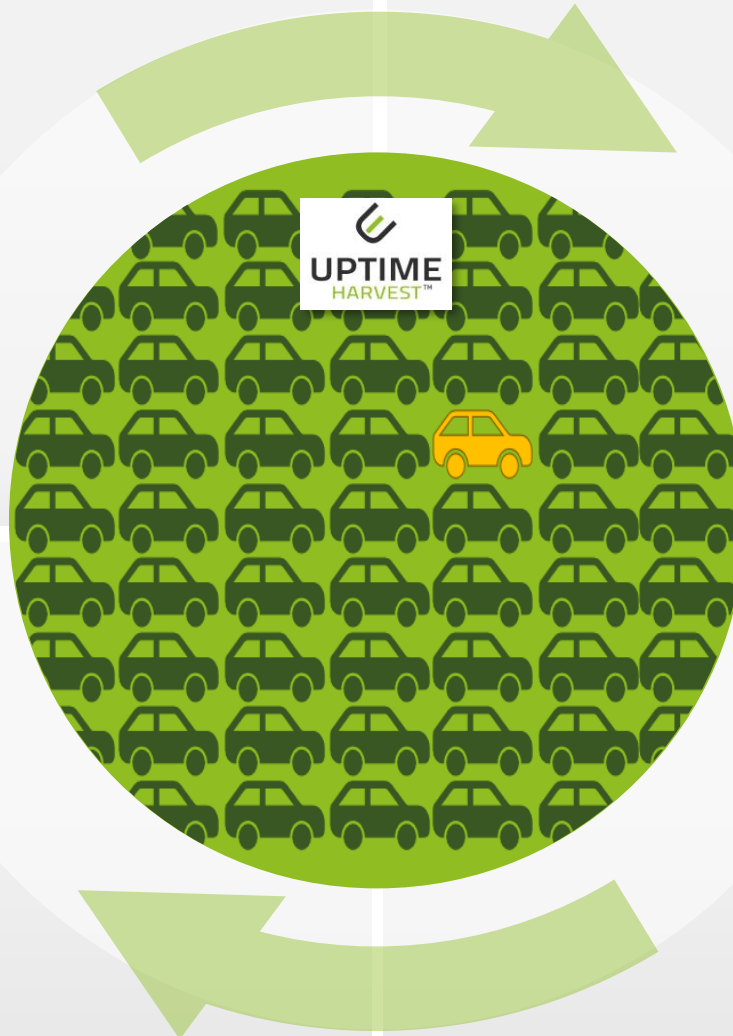
Analyse a Durability Fleet

Background

- Demonstration of vehicle durability for different operation modes requires fleet testing
- Validation of a vehicle fleet is challenging due to complex structure of system elements
- Overwhelming monitoring data without evident benefit

Customer benefit

- Common data base for Durability Fleet vehicles
- Transparency on Durability Fleet operation conditions
- Elimination of unnecessary activities
- Damage model calibration: degradation as a function of operation conditions
- Reduction of warranty costs



Requirement

- Enhance the benefit of running a large and expensive vehicle durability fleet
- Identification of impacts of actual usage conditions
- Validation of all vehicle variants against known and unknown malfunctions and reliability risks

Solution: Uptime HARVEST™

- Implementation of a process for permanent data acquisition from multiple data sources
- Indication of system deviation by analytic models
- Root Cause Analysis including preventive inspection