Fleet Management

Software add-on that streamlines the operation of driverless fleets

Fleet Management is an optional add-on for GTC™ Pro providing advanced tools for managing large driverless fleets with greater efficiency, flexibility, and oversight during complex test programmes.

Fleet Management streamlines the control of large fleets (20+) and allows users to simultaneously manage all vehicles in a fleet, or selected vehicles, rather than using manual controls. This centralised control of the entire fleet maximises uptime and efficiency on the track.

Additionally, to improve traceability and simplify reporting, the vehicle history panel continuously collects and delivers high-level statistics on mileage accumulated and events completed.

Fleet Management has been developed specifically for the management of large-scale durability, misuse, and mileage accumulation testing.

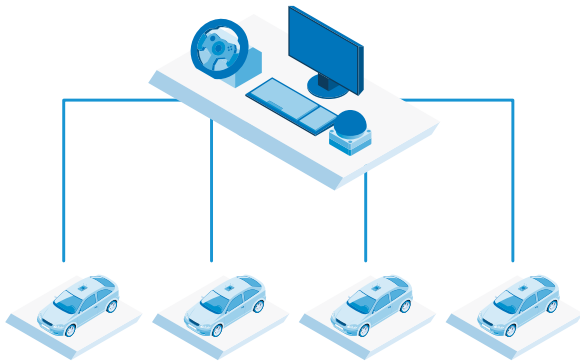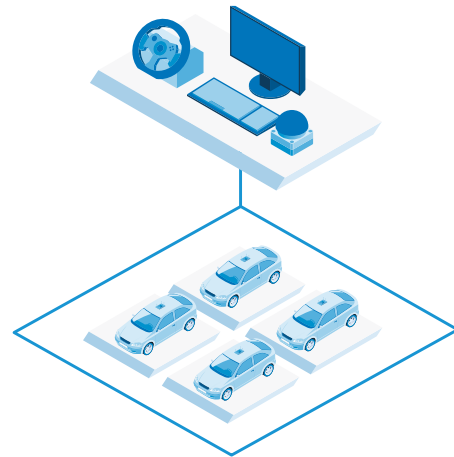|	
Select and deploy tests directly from GTC	Fleet event history panel provides tracking of test events by vehicle
Ready, start and resume all vehicles simultaneously	High level statistics with granular filters to isolate key metrics
Centralised test storage simplifies version control and ensures consistency	Ideal for automated EPA drive cycle testing
Drag-and-drop interface for simple vehicle reassignment across tests	Ideal for automated misuse and durability testing

Smarter test and vehicle management

/ **Deploy, start, and resume tests across all vehicles simultaneously**
/ **Save time with fast entry and exit process for multiple driverless vehicles**
/ **Seamlessly resume tests with automatic rejoin behaviour**

GTC without Fleet Management

Test selection and entering driverless by
connecting to each vehicle separately
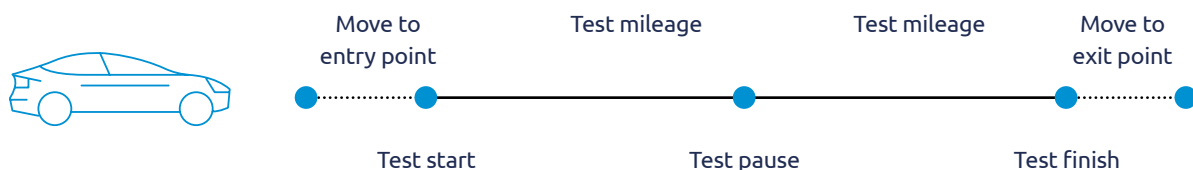
GTC with Fleet Management

Central management from GTC

Fleet event history

Fleet Management automatically logs every vehicle's activity, eliminating manual data recording and reducing the risk of errors. By combining vehicle CAN data with test activity data, it provides a complete picture of vehicle activity for the entire fleet – enabling precise monitoring of progress during testing and verification upon completion.

For durability and mileage accumulation programmes, Fleet Management distinguishes between mileage accrued during active test cycles and mileage outside those cycles, ensuring accurate reporting and compliance with test requirements.

The result? Streamlined traceability, simplified reporting, and actionable insights that help optimise test efficiency, reduce downtime, and improve overall programme oversight.

Move to entry point | Test mileage | Test mileage | Move to exit point

Test start | Test pause | Test finish

About AB Dynamics

AB Dynamics is a leading global provider of automotive test and verification solutions that facilitate the development of vehicles that are safer, more efficient and sustainable. As part of the AB Dynamics Group of companies we enable customers to develop and test in virtual environments, validate on the track and then evaluate vehicles on public roads.