

SYSTEM AND METHOD FOR ASSISTING THE TEST OF A VEHICLE

Software



Intelligent Networking Bugzer Target Test Moment
Vehicle Testing Acquiring Vehicle Test Data
Testing Device Information Labeling Module Tester
Event Prompt Signal Partition Timestamp Signal Map

Innovations/advantages

Integrated system that automatically synchronizes video streams from multiple cameras with datalogger information, overcoming the limitations of systems based on nonaligned local clocks.

Instant generation of unified temporal bookmarks through a simple driver-triggered command, eliminating manual data searches and drastically reducing posttest analysis time.

Precise and automated correlation of ADAS, infotainment, and vehicle parameter anomalies thanks to the simultaneous timestamping of videos and logs.

Improved reliability in issue diagnosis through synchronized reconstruction of the full context (external environment, instrument cluster, infotainment system, and vehicle parameters).

Faster error analysis, enabled by automatic extraction of only the relevant data segments, System scalability across different vehicle architectures, with the option to integrate additional features such as time-aligned voice notes, interval-based bookmarking, and multisensor management.

Application field

OEMs;
Vehicle testing,
Automotive engineering

Product insight

This innovation transforms the vehicle testing process through an intelligent system that unifies video feeds from multiple onboard cameras with data logger information into one perfectly synchronized timeline. During road tests, the driver can flag any anomaly with a simple action, triggering an instant bookmark shared across all data sources. This eliminates complex manual searches and dramatically accelerates issue identification. Engineers can immediately focus on the most relevant footage and parameters, unlocking faster, more accurate rootcause analysis. The result is a more efficient and insight-driven validation process that enhances ADAS and infotainment quality, reduces engineering workload, and accelerates the product's time-to-improvement.



PATENT INFORMATION

PRIORITY DATE – 09 MAY 2025

Application Number - n.a.

Publication Number - n.a.

IPR DOSSIER N. A36

NATIONAL PATENT APPLICATIONS



BUGZER®

AVAILABLE FROM MARCH 31st, 2026

PATENT FILED FOR LESS THAN 18 MONTHS, STILL SUBJECT TO SECRECY PROVISIONS

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