SELF-HEALING SOFTWARE
FOR CONNECTED CARS

Aurora Labs' Self-Healing Software™ enables car manufacturers to proactively respond to future vehicle software architectures, processes and services. By giving the car manufacturers the power to seamlessly detect potential software issues, fix and update them – we're making the world of connected cars more predictable.

AURORALABS
SELF-HEALING SOFTWARE

FUTURE-PROOFING CONNECTED VEHICLES

The automotive world is on the cusp of a revolution, with software and connectivity becoming an integral part of conducting business. The management of in-vehicle software development has become increasingly important due to its size and complexity and increasing pressures for ever-shorter development cycles. Comprehensive software management is essential for automakers who want to capitalize on the full business potential of connected cars by enhancing the driver experience, enabling post-production revenue, cutting costs through improved efficiency, decreasing risk and reducing recalls. Our technology fills a crucial role, enabling innovation and continuous development without compromising on safety in the increasingly software-reliant automotive industry.

WE ADDRESS ALL THREE STAGES OF VEHICLE SOFTWARE HEALTH

Continuous user-centric development processes create a plethora of opportunities and risks for OEMs that never existed before. Our revolutionary software health solution detects line-of-code faults to predict downtime events, fixes errors on-the-go and enables post-production rollout of new software features with secure, OTA and cost-effective hot updates.

ENABLING CONTINUOUS USER-CENTRIC AUTOMOTIVE SOFTWARE ROLLOUTS

PROACTIVE CAR DIAGNOSTICS & ANALYTICS

Proactively analyses SW health, detects and identifies software vulnerabilities and collects data regarding lines of code behavior for diagnostics departments

SEAMLESS CAR UPTIME

Seamlessly guarantees product functionality even in the event of a software failure

FUTURE PROOF CAR FEATURES

Guarantees that all car software will be updated anytime in the future, including software fixes, new functionality and security updates

COMPANY SNAPSHOT

Seed **$3M, Q1 2017**

A Round **$8.5M, June 2018**

HQ:
Tel Aviv, Israel

Offices:
Munich, Skopje and Detroit

Investors:
FMC, MizMaa Ventures, Maniv Mobility, Trucks, Expansion Venture Capital

LINE-OF-CODE MAINTENANCE™ TECHNOLOGY

In an era where software platforms are driving growth and line-of-code errors are causing major recalls and downtime to vehicles, Aurora Labs' researchers have developed a machine learning based technology for embedded software, a Line-of-Code Maintenance™ technology which introduces three products to the market:

AUTO DETECT

Proactively analyses the health and performance of lines-of-code deployed on Automotive ECUs

AUTO FIX

Rolls back software to the last known secure and functional line-of-code safe point without requiring dual memory

AUTO UPDATE

OTA Update software to close the loop with a clientless hot update solution for zero downtime

THE KEY TO CONNECTED CAR
PREDICTABILITY AND PROFITABILITY

AURORALABS