FCD TECHNOLOGY

Product

AI Vehicle-Diagnostics

Technology readiness

Development

Proof of concept

Prototype

▶ First implementation

Extensive implementation

AI Co-Pilot for Vehicle Diagnostics Based on Real-World Driving Data

FCD Technology is developing the First Car Diagnostics remote vehicle diagnostics system. The FCD Logger device records data from the control unit during actual driving and sends it to the FCD Cloud, where it is analyzed by machine learning and AI trained on a unique database of real-world faults. The result is an accurate assessment of the engine or battery's condition and a clear report—often even before the vehicle arrives at the service center. The solution is built on 30 years of expertise in diagnostic services, making it more accessible than ever before. It functions as a technician's co-pilot, identifying the causes of faults even where standard error code reading fails.

Unique Selling Points

- Diagnostics based on real-world driving data, not just error codes, which can detect even hidden and intermittent faults.
- Basic analysis of even long records remotely in a matter of seconds.
- A unique database of over 6,000 real-world diagnostic cases and expert know-how dating back to 2003.
- The AI co-pilot makes expert diagnostics accessible even to less experienced technicians.
- Compatible with most vehicles manufactured since 2010, including hybrids and EVs.

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