

CAR CONNECTIVITY PLATFORM

Enabling Car Connectivity, Control and
Authorization for Premium OEM

Mastery in
Software
Engineering

FORTECH.



Key Facts

-  Industry: Automotive, Internet of Things
-  Team Size: 17 People
-  Duration: 7+ Years (ongoing)
-  Technologies:
 - DevOps, Java,
 - Spring Cloud, Docker, Kubernetes,
 - Microsoft Azure
-  Services:
 - Software Development,
 - Software Testing,
 - Integration,
 - Support
-  Trends: Connected Cars

Highlights

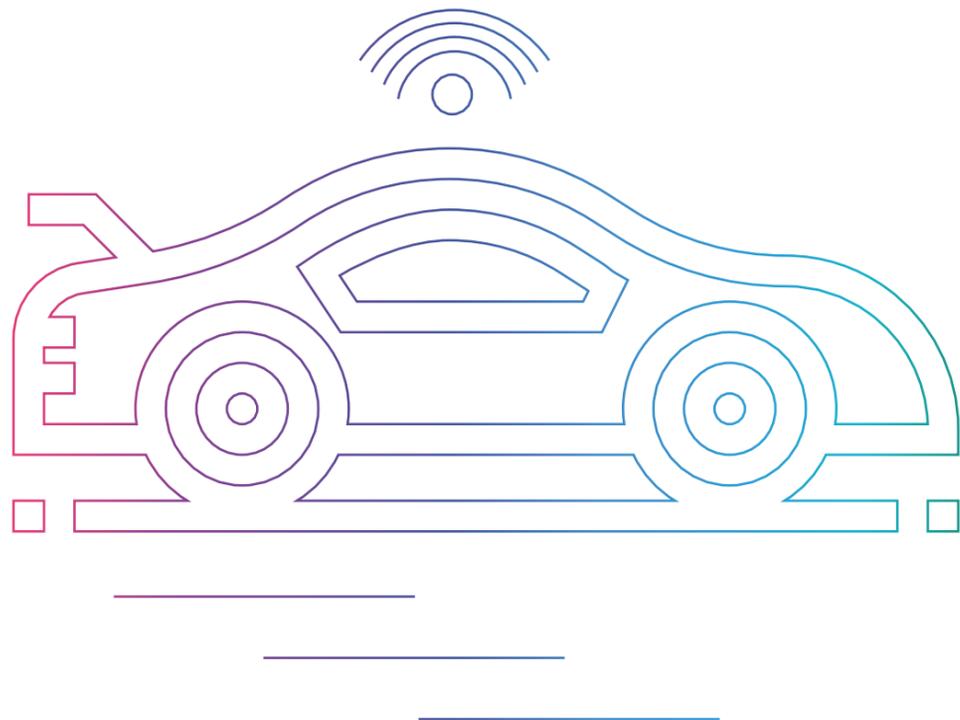
- The platform represents a core software component that runs on a popular premium car model.
- It connects in real time millions of cars with external content providers.
- From a technical standpoint, it leverages the Microservices architecture.



Solution

The solution is a customized software platform built for an OEM (Original Equipment Manufacturer) to enable car connectivity, control and authorization services.

The infrastructure connects in real time millions of cars with external content providers and enables the control of and authorization for car hardware programming (scheduling, geofencing etc.).



Collaboration

The project is delivered within a distributed Agile team, by a core of accomplished engineers, each of them with multiple years of experience in projects for the Automotive sector.

Quality and compliance are key for a product that must guarantee reliability and safety for millions of passengers daily.

The project follows the required software quality gates in the industry: continuous integration, code reviews and end-to-end testing (pre-test, test, integration, pre-production, production).

Through personnel rotation and intense knowledge transfer, Fortech ensures constant on-site presence of the nearshore team members, resulting in seamless alignment with respect to the required technology processes, quality and legal standards.

Client Benefits



QUALITY COMPLIANCE:

Quality gates alignment with industry standards.



LEGAL COMPLIANCE:

Awareness and integration of European legal requirements.



TECHNICAL ADVANCEMENTS:

WSO2 Middleware and Microservices based on the Netflix model.



ABOUT FORTECH

Fortech is a top Romanian software development company headquartered in Cluj-Napoca. With a workforce of 800 people, Fortech has been repeatedly recognized by Deloitte, EY, and Forbes for its fast-growing, entrepreneurial journey.

With expertise and a strategic focus across healthcare, financial services, automotive sectors, and more, we cover the end-to-end software lifecycle development to deliver the innovation, scalability, quality and speed our clients need.

Our approach to software engineering combines strong technology and process know-how, Agile delivery methods, and a blend of code quality practices and metrics refined in almost two decades. Since 2003, two hundred clients chose Fortech as their tech partner.

Access our expertise: www.fortech.ro

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