Cutting-Edge Automotive Software Solutions

Acsia Technologies is a global provider of automotive software powering Digital Cockpits & Displays, e-Mobility and Telematics. We use our expertise across AUTOSAR, Android Automotive, Automotive Linux, QNX, HMI, Embedded Systems, AI/ML, Vision Systems, Model-Based Development, CI/CD/CT, Ambient Lighting, System Engineering, Test & Test Automation, Cybersecurity, Functional Safety, and Performance Optimisation, to develop solutions that simplify complex problems and create safer, sustainable, and more compelling driver and passenger experiences. With a presence across the United States, Germany, Japan, and India, we collaborate with top automobile manufacturers and Tier-1 suppliers.

11	600+	05	40	20	15
years of transforming mobility	engineers at work	million vehicles run on Acsia code	live production programs	OEM engagements	Tier-I engagements

Solutions

Digital Cockpit & Display

Software for Instrument Clusters, Head-Up Displays, In-Vehicle Infotainment, Rear-Seat Entertainment, and Control Centres that use Android, Linux or QNX-based SoC and AUTOSAR/Non-AUTOSAR RTOS-based MCUs.

e-Mobility

AUTOSAR-compliant software for e-Mobility Electronic Control Units (ECU) such as power conversion units, battery management units, and on-board chargers.

Telematics

Software for telematics ECUs and telematics cloud applications to manage data securely and efficiently.

LiLA

Agentic AI Platform enabling intelligent management of requirements, defects and testing, and delivering significant gains in efficiency, productivity, and cost savings.

Capabilities

- AUTOSAR
- Android Automotive
- Automotive Linux
- QNX
- HMI, MW & Platform Development
- Vision Systems
- AI/ML
- Model-Based Development
- CI/CD/CT
- Ambient Lighting
- System Engineering
- Test & Test Automation
- Performance Optimisation
- Cybersecurity & Functional Safety

Uncompromising quality & security standards

ISO 9001   ISO 27001   ISO 21434

ISO 26262   TiSAX®   AUTOMOTIVE SPICE®

Solution Accelerators

SABATON

An automotive-grade Linux software platform based on the Rust programming language for secure, high-performance ECUs (electronic control units) and TCUs (telematics control units).

TITAN

A highly customizable and extensible CI/CD/CT pipeline developed and deployed in-house using Robot, Jenkins, and Python.

SHARP

A System Health Tracer and Profiler capable of profiling CPU load, interrupt load memory and stack consumption, and NVM (Node version manager) usage for embedded systems. SHARP plugs seamlessly into any CI/CD pipeline.

MAYAAVI

A virtualized development platform for Linux and Android completely deployable on AWS.

XACT

A Telematics cloud backend platform for OTA (over-the-air) and charging stations.