

Defined engineering packages for critical automotive systems

Functional Safety - SOTIF - Automotive Cybersecurity - ADAS - Electrification

What Alfafusa delivers

Alfafusa supports startups and engineering teams developing ADAS, autonomous-driving, and electrification systems. Work is organized as fixed-scope packages with agreed inputs, deliverables, acceptance criteria, and review cycles before kickoff.

Safety Scope & Gap Review

For a team approaching a design, customer, or safety review. Includes a scope and assumptions record, prioritized gap register, work-product roadmap, walkthrough, and consolidated revision.

Feature Safety Concept Package

For one defined feature or subsystem. Includes Item Definition, HARA, Functional Safety Concept, traceability, decision log, walkthrough, and two consolidated review cycles.

ADAS Architecture & Evidence Review

For one feature and release baseline. Includes architecture and interface review, assumptions register, claim-to-evidence map, milestone-readiness memo, and technical walkthrough.

Technical focus

- ISO 26262 lifecycle work products and safety management
- ISO 21448 SOTIF concepts and analyses
- ISO/SAE 21434 cybersecurity work packages
- ADAS safety architecture, interfaces, degradation, and monitoring
- Requirements, traceability, safety case contributions, and review evidence

Engagement model

1. Define the feature, boundary, baseline, and milestone.
2. Confirm required inputs and responsible technical owner.
3. Agree deliverables, acceptance criteria, schedule, and revisions.
4. Quote a fixed fee for the frozen scope.
5. Deliver editable work products, review records, and a walkthrough.

Led by El Hadji FALL

Founder and independent consultant with experience across ADAS and autonomous-driving safety, electric propulsion, automotive sensors, and software-defined vehicle programs. Remote delivery is standard; on-site support is available by arrangement. Client and project information is handled under the applicable confidentiality terms.

Discuss a work package

Message ALFAFUSA L.L.C on LinkedIn with your product, development stage, next milestone, and required deliverables.

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