

Company Profile

Safety-Critical Software — Development, Verification & Certification

- Avionics — DO-178C (software), DO-331 (model-based), DO-330 (tools)
- Railway — EN 50128 (software), EN 50129 (safety cases)
- Industrial — IEC 61508 (SIL 1-4)
- Military — MIL-STD-498 (software development & documentation)

What We Do

- Development — requirements, architecture, model-based and classical integration
- Verification & Validation — unit/integration/HW-SW/system tests, structural reviews, traceability
- Certification Consulting — plans, standards, checklists, gap analysis, audit interface
- Process Enablement — templates, toolchains, CI, metrics and dashboard
- Independent Audits — readiness reviews and supplier assessments

Standards & Domains

- Avionics: DO-178C, DO-331, DO-330 — DAL A-D lifecycles, tool qualification
- Railway: EN 50128, EN 50129, EN 50126 — RAMS, safety cases and assessment
- Industrial: IEC 61508 (SIL 1-4) — functional safety lifecycle for E/E/PE systems
- Military: MIL-STD-498 — software development and documentation tailored to military programs

Contacts

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