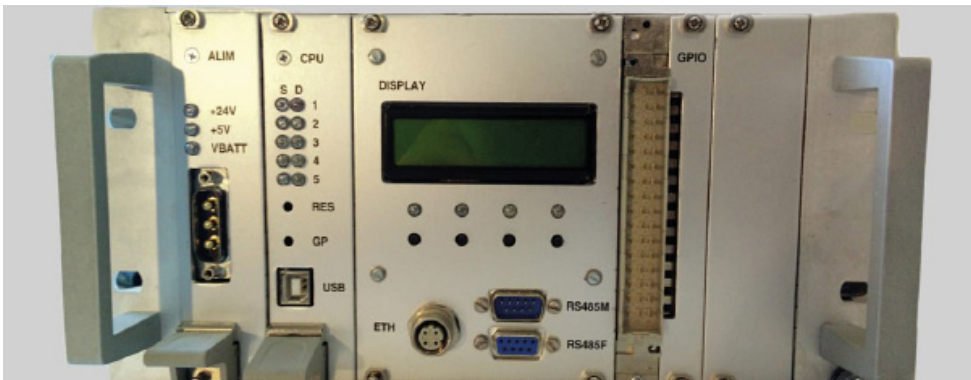


Validation & verification



We support our customers in verification and validation processes for both software and hardware in line with the latest railway application standards and safety standards (EN 50126, EN 50128, EN 50129, EN ISO 13849, IEC 61508 and associated standards). Our professionals can either become an integral part of the customer's own process and team - and perform selected tasks or assume responsibility for the entire verification and validation process, deliver complete end-to-end solutions and in this way free up critical customer resources. We can perform activities related to hardware and software either in our own laboratory or at the customer's site.



- Verification and validation plans
- Verification and review of design documents
- Software test and source code inspection
- Functional validation & simulator development
- Fault-injection test

Contact us

Verification and validation plans

PROSE can develop complete verification and validation plans for non-safety-related and safety-related systems up to SIL4 in line with CENELEC standards.

Verification and review of design documents

Within a CENELEC process or as independent verification engineers, PROSE experts can check the design documents at the system, software and hardware levels to guarantee the highest level of quality, reliability, safety and compliance for your design.

Software test and source code inspection

PROSE supports you in every phase of software development, from high-level software validation to static analysis of source code and component testing.

Functional validation & simulator development

We can assist you during system validation by developing the validation specifications and all the needed simulators and by then running the tests.

Fault-injection test

We design and execute a fault-injection test campaign in compliance with EN 50129.