

AL Safety Design

Reliability Engineering

AL Safety Design Ltd

is an independent consulting firm, which was founded and started its operation in 1991.

The services include:

- Reliability,
- Safety,
- Product Assurance and
- Conformance Engineering

Our main office is in Helsinki (Espoo), Finland. The company is privately owned by its employees.

Our international customers include major companies in energy technology, chemical industry, aerospace and electro-technical industry.

The assignments are carried out according to the latest Reliability, Safety and Quality standards.

Reliability, Safety and Product Assurance Services

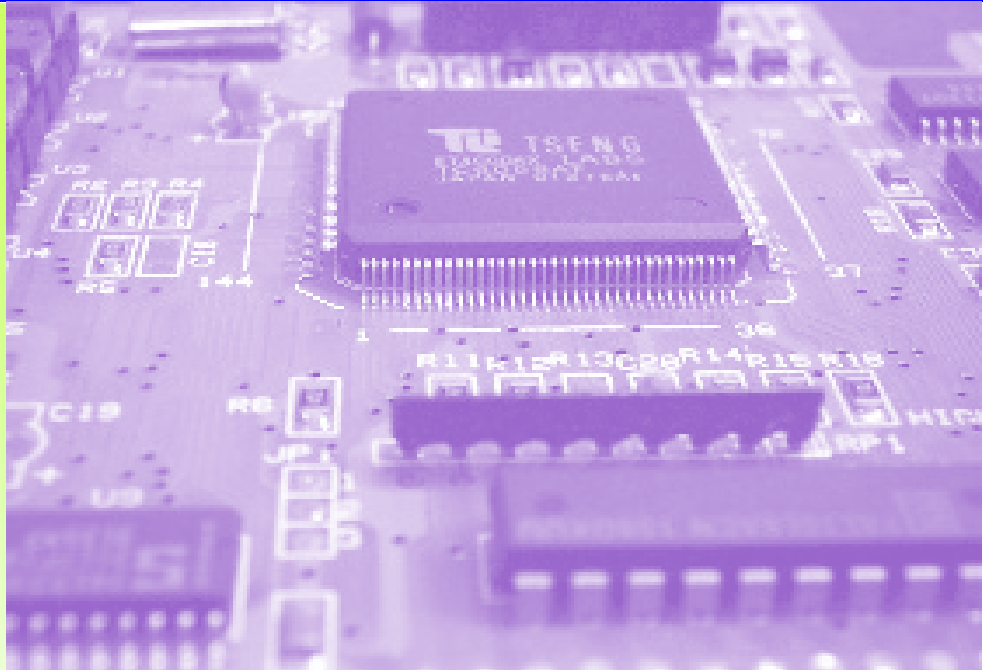
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AL Safety Design will help you to develop reliable and safe products, with optimum system design and economical components. Reliability Engineering activities are conducted in your product development projects as required by the international standards.

This includes a **Reliability and Safety Management Plans**, as well as various Reliability and Safety analyses with **Reports and Documentation**.

Our consulting services include:

- Reliability documentation
- Reliability Management and procedures in design projects
- Risk analysis, product Safety and Reliability in design and procurement
- RAM-modeling, Reliability and Maintainability analyses
- FMECA analysis, MTBF/failure rate calculations
- Functional Safety, SIL as in EN 61508
- RAM data: analysis, reporting systems and databases

Company specific training courses are also available, based on many years experience of in various industries. See www.reliabilityacademy.fi.

AL Safety Design's reliability analysis references: ABB, Sandvik Mining and Construction, Kone Elevators Corp, Vacon, Espotel, Orion Diagnostica, Elektrobit, etc.

