

AL Safety Design

PA/QA Management

AL Safety Design Ltd

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

The services include:

- Risk Management
- Reliability Engineering
- 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.

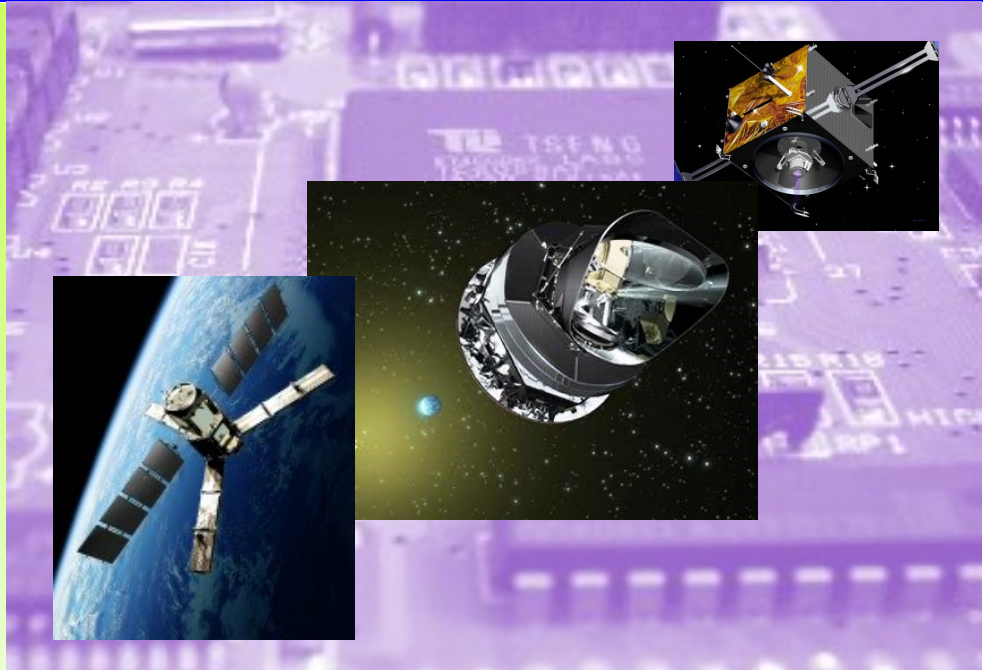
We enable our customers to develop superb technology products

AL Safety Design Ltd
Address:
POB 75,
FI-02701 KAUNIAINEN
Finland

tel : +358-9-884 3066

Email: info @ alsafety.com

WWW.ALSAFETY.COM



AL Safety Design Ltd offers:

- **Product Assurance (PA) Management and Documentation**
- **Reliability and Risk Analysis in design projects**
- **Training courses in PA, Reliability Engineering and Risk Analysis**

Product Assurance (PA) is conducted as described in a Product Assurance Plan. It includes Quality Assurance, Reliability and Risk/Safety Management. In space technology projects the requirements for the PA activities are described in the ECSS Standards by ESA. Our services include:

- PA/QA Management and documentation in a project
- Risk analysis, product safety assurance
- Reliability engineering in product development
- Component procurement services (e.g. space quality components)
- Manufacturing and Test supervision and QA procedures
- FMECA, Reliability analyses, MTBF-calculations, modeling
- SW failure analysis, Hardware-software interactions analysis
- Reliability test plans for equipment and components

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

AL Safety Design Ltd's PA Management References for space instruments:
Flying: SMOS, Rosetta Lander. Mission completed: Planck LFI, Phoenix Lander, Smart-1, Cassini-Huygens etc.

AL Safety Design

