

# Simpro – your production partner for high reliability electronics and electro-mechanics for harsh environments

With over 25 years of experience, Simpro is one of the leading Electro Manufacturing Services (EMS) suppliers in Norway. 110 employees located 2 modern and efficient production facilities with a total area of 4 500 m<sup>2</sup> generates a turnover of EUR 22 million.

With core competence within **wireless**, **subsea**, **ESS** and **ATEX**, Simpro offer the complete range from prototypes to volume production of advanced **high reliability electronics and electro-mechanics** for the **Defence**, **Offshore**, **MedTec** and **Industry** segments.

Simpro provide everything from single services to the **complete value chain** from design and development, via industrialization to manufacturing, electromechanical assembly and testing; together with sourcing and logistics.



## Development & Industrialisation

Run in parallel to reduce time to market. BOM Life Cycle Analysis - LCA. RoHS, REACH and Conflict Minerals analysis. Our manufacturing experience is an asset offered for industrialisation and production optimisation.



## PCBA production

Extensive experience with surface mount components. 4 SMT lines. IPC Class 3 production, ATEX, 0201(inch)/0603(metric) component size, SPI, AOI. Reflow, selective and wave soldering with nitrogen.



## Electromechanical Assembly

Flexible, manual assembly lines for rational assembly of components and modules, production of cables, test and inspection, service and repair, final assembly and packaging. Automated conformal coating, potting and gluing.



## Test Development & Testing

Separate test department with extensive experience and expertise on Bachelor and Master level. RF<11 GHz, LabView, TestStand, WATS test database, 3D X-Ray. Test development of automated tests to be done in the production line during production.



## ESS – Environmental Stress Screening

ESS according to ISO 13628-6, other standard upon request. ESS can be done during ongoing production, or in connection with the testing and qualification of new products Duplicated ESS capacity including 350 kg shaker and 1 300 litres temperature chamber.



## Logistics

Standard components are kept in stock, as well as a wide range of other components. Warehousing of critical components, modules and complete products. Box-Build services with warehousing and direct shipping to end customer.



## Quality Management

ISO 9001 and ISO 13485 certified. AQAP 2110 compliant. Traceability and documentation secured through all production stages. Experienced IPC certified operators ensure a competent environment for complex manual and electromechanical assembly.

Simpro have reference customers in all our segments, with products installed from the ocean floor to outer space. Our customers ranges from local businesses, via national companies to multinational enterprises. The common denominator is that they all are significant players in their respective field of business.