



PRECILEC

Core Business

Precilec designs and manufactures:

- Seat actuators for commercial aircrafts
- Linear and rotary technical actuators
- Electromechanical components

PRECILEC products are:

- Specific
- Fitted for hostile environment
- For the aeronautical, military, industrial, nuclear and space markets
- Small and medium size (from few watts to several thousands tens of KW – for motors)
- Produced in small and medium quantities (from some units to several thousands units per year)

The electromechanical components include several products families:

- Drive and servo motors (DC, Synchronous, auto-synchronous, asynchronous, hysteresis, stepper, variable reluctance, limited angle)
- Electro-magnets (solenoids)
- Alternators and generators,
- Angular and linear inductive position sensors (resolver, synchros, LVDT's, RVDT's)
- Optical encoders
- Tacho generators

These components can be offered in kit version (pan-cake or frameless), housed, associated with gear reducers, brakes, slip clutches, clamps, electronic control units.

All products are adapted to the customers' technical and environmental constraints, high temperature up to 300oC...) and can be certified in accordance with all kind of standards (aeronautic, military, industrial...).

Expertise

Over the past half century, PRECILEC has acquired the expertise needed to design and manufacture electromechanical components and electrical actuators:

- Electrical engineering
- Mechanical engineering
- Analogical, digital and power electronics
- Software

The strengthened technical potential, the implementation of outside partnerships (universities, engineering school, state organizations, manufacturers) and the ongoing research work allow PRECILEC to be constantly up to date with he technological developments in its field.

PRECILEC acquisition of software dedicated to different core technical businesses (mechanical design, electrical engineering, electronics and simulation of activation systems) conducted an major effort,

A program management was created in order to offer costumers tough follow up through all products development phases (PDR, CDR, Certifications, FAI...).

