## Transversal competencies



Exxelia is a designer and manufacturer of ruggedized passive components and subsystems focusing on highly reliability markets, including Space.

With 50+ years' experience in Space, Exxelia components are onboard numerous satellites, exploration, programs such as Iridium, Galileo, Perseverance Rover, InSight, OneWeb.

### **COMPETENCIES & CAPABILITIES**

- 200m2 clean room (class Iso8)
- Quality Multi-Steps Process Inspection
- In-house testing equipment for LAT testing
- Different screening levels available for new space
- Strong custom design capabilities : design & engineering support
- No obsolescence
- Use of low outgassing materials only



# **EXXELIA**

#### **PRODUCTS & SERVICES**

- Exxelia product portfolio includes wide ranges of
  - Capacitors: ceramic, film, tantalum, electrolytic, adjustable
  - o **Resistors**: high voltage, high resistance
  - o **EMI-filters**: C, L, Pi and T types
  - Inductors & transformers
  - Dielectric and coaxial resonators
  - Tuning elements,
  - Position sensors
  - Slip rings.
- More than 50 ESCC QPL product series and manufacturing processes related to capacitors (ceramic, film, tantalum), magnetics (RF inductors, self/transformer processes), EMI-filters
- Sole QPL manufacturer for EMI-filters

#### **MAJOR SPACE PROJECTS & REFERENCES**

From Space exploration missions to New Space constellations, from launchers to military satellites, Exxelia is present on numerous space programs such as Iridium, Galileo, OneWeb, Meteosat, ATV, Rosetta, Perseverance Rover, InSight probe, Solar Orbiter, Juice, Exomars, Ariane 5 & 6

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