

Transversal competencies



SECTOR is an independent consulting and research company specialized in the area of risk management.

Main sectors of our activities are aeronautics, space and defence. For 30 years, SECTOR has been carrying out RAMS (Reliability, Availability, Maintainability, Safety), ILS (Integrated Logistics Support) and maintenance engineering studies in order to help our customers meet their performance requirements.

## COMPETENCIES & CAPABILITIES

In the space industry, SECTOR is able to perform system or component (hardware and software) engineering studies in RAMS and ILS, including :

- RAMS Methods : Hazard Analysis, FMECA, FTA...
- Reliability calculations (electronics, mechanics...);
- Safety architecture specifications;
- ILS deliverables : maintenance plan, logistic tree, maintenance manual...

# SECTOR

## PRODUCTS & SERVICES

SECTOR is offering engineering services which can take many forms:

- Fixed Price studies and Analysis,
- Project Team : Integrated or Externalized
- Technical assistance,
- Consulting & Expertise,
- Trainings : Intra-Company (Customize) / Inter-Company (On Catalogue)

## MAJOR SPACE PROJECTS & REFERENCES

Our main projects in space industry are the following :

- CNES : technical support for operational launch activities
- CNES : Bibliographic analysis and REX data collection for the principles and practices related to "High Reliability Organisation" (HRO), so as to adapt them to the context of ARIANE launchers for all operations preparatory to launch (assembly, filling, checks,...)
- CNES : Audit and analysis mission on the risk analysis process of operational procedures (analysis of incidents / anomalies, human factors, tools, etc.)
- CNES : An update of the risk analysis and Operational Safety allocations of the system's ground resources Ariane 5 ME launch
- CEGELEC : RAMS study of a system for cooling the Ariane launch pad assembly
- ECA : RAMS study on the Ariane 6 Booster assembly workshop (ESR means and Rear Skirt).
- LATESYS: RAMS studies on horizontal assembly line for ARIANE 6.
- Air Liquide : RAMS studies on tanks for ARIANE 6

## POINT OF CONTACT

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**TURNOVER :** 8 000 k€

**WORK FORCE :** 100 employees

**SPACE TURNOVER :** 100 k€

**SPACE WORK FORCE :** 15 employees