

- Orbital systems
- Launchers
- Satellites
- Ground segments
- Balloons
- Transversal competencies



AVANTIS Group is specialized in the engineering development, manufacturing and assembly of flight platform, mechanical sub-system and MGSEs in the area of Space, Aerospace, Defense, Nuclear and transport.

- 11 sites and 1 R&D center in France
- 5.500 m² of manufacturing and assembly plant for flight parts and MGSEs
- 400 employees including 60% engineers

COMPETENCIES & CAPABILITIES

AVANTIS Group offers a global solution to take over projects from the specification until the integration:

- MGSEs (Mechanical Ground Support Equipments)
- Specific equipments, tools and machines for AIT centers
- Flight platform structures
- Flight sub-systems and mechanisms
- Flight Harness with our partner
- MLI, passive and active thermal control with our partner
- Capacity to perform assembly in ISO 8 or ISO 5 clean rooms with our partner



AVANTIS

PRODUCTS & SERVICES

Scope of activities:

- Customer requirements expertise
- Project management
- Research & Development
- Studies and definition
- Mechanical dimensioning and justification
- Documentation dedicated to space activities
- Industrialization
- Manufacturing and assembly
- 3D control
- Tests & qualifications
- Packaging
- National and International shipping
- Construction Yards
- On-site installation
- Preventive & curative maintenance operations

MAJOR SPACE PROJECTS & REFERENCES

Flight platform and sub-systems :

- The SWOT *platform for Thales Alenia Space and CNES*
- *Global Star 2 / O3B antennas and yokes for Thales Alenia Space*
- *Telescope demonstrator.*

MGSEs : More 380 MGSEs and tools delivered since 2005 for scientific and telecommunication satellites (multipurpose trolleys, assembly tools for AIT, optic tools, vibration frames, thermal and CATR test supports) for ESA, CNES, Thales, Airbus, OHB, MDA and Orbital.

Assembly tools and testing machines for launchers (Ariane Group)

POINT OF CONTACT

ADDRESS AVANTIS GROUP, 12 route de St Matthieu, 06130 Grasse France

WEBSITE www.avantis-group.com

PHONE +33 (0)4 97 01 09 90

POINT-OF-CONTACT : Alexandre ALATI, Design Office Manager
alexandre.alati@avantis-group.com, +33 (0)4 97 01 09 90

TURNOVER 31 M€

WORK FORCE 400

SPACE TURNOVER 8.5 M€

SPACE WORK FORCE 120