

Satellites  
Transversal competencies



HEMERIA is a young company drawing on a 30-year heritage of Defence and Space expertise, that conceives and manufactures high-dependability, high- tech equipment and systems for the very exacting requirements of the Space industry and France's nuclear deterrence force.

A renowned major player in the space industry, HEMERIA designs, supplies, integrates, and enables state-of-the-art space systems and products that meet the needs of its commercial, for the major European and international programmes.

## COMPETENCIES & CAPABILITIES

HEMERIA develops integrated sub-assemblies, systems and equipment, including composites, multi-layer insulation (MLI), harnesses, flight circuit boards, machined parts, embedded electronics, complete satellite or optical instrument structures, satellite batteries, antennas, power management equipment and mechanisms.

HEMERIA operates in the fields of telecommunications, Earth-observation, science and navigation satellites, and have built up an impressive record in constellations (such as IRIDIUM NEXT); supplying also harnesses for launchers and satellite dispensers, as well as serving nuclear and military applications.

- HEMERIA is the European leader in the design, sizing, production, testing and integration of embedded harnesses for satellites and launchers.
- HEMERIA also develops its own range of nano-satellites, giving to non-experienced professionals, fast, competitive and effective access to space.



# HEMERIA

## PRODUCTS & SERVICES

HEMERIA's offer primarily comprises 5 complementary product lines:

- Power/control-command flight harnesses and RF harnesses,
- Aluminum or carbon composite structures (sandwich panels or monolithic parts),
- Active and passive thermal control subsystem,
- Assembly, Integration and Testing of whole or complex subsystems and embedded equipment.
- Nano-satellites platforms.

## MAJOR SPACE PROJECTS & REFERENCES

- **SMALL SATS HEMERIA@:** A range of small highly reliable platforms (from 3U to personalization), from 10kg to 50kg. They are accessible to non-experienced professionals who are eager to take advantage of fast access to space that is both highly competitive and efficient.
- **IRIDIUM NEXT:** In 2012, after a tough worldwide competition, HEMERIA was awarded production of the harnesses and composite panels for all 81 IRIDIUM-NEXT satellites. Offering proposals with particularly innovative solutions, HEMERIA knew how to win customer over in its final decision.
- **METOP SG:** HEMERIA won METOP SG SAT-A and SAT B platform harnesses under a build to spec approach. This activity includes design, manufacturing, tests, and integration of 6 flight models from 2017 to 2023 for Airbus Defence and Space.
- **GEO-NG:** According to HEMERIA heritage on 4 satellites AS1000 structures and harnesses between 2015-2016, HEMERIA won 4 complete satellites structures flight harnesses, instrument MLI, and AIT on GEO-NG project for Airbus Defense and Space.
- **ARIANE 5:** Since beginning of 90's HEMERIA manufactures and tests Vehicle Equipment Bay (VEB) harnesses on Ariane 5 launcher.

## POINT OF CONTACT

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**TURNOVER** > €25m

**WORK FORCE** 200

**SPACE TURNOVER** €15m

**SPACE WORK FORCE** 110