Our industrial capabilities







Constellation production capacity

5,000 sq-m of ISO 8 and ISO 5 clean rooms

25 smallsats already in orbit

40+ balloon envelopes manufactured yearly

About HEMERIA

HEMERIA was founded with the idea that each nation should be able to access autonomous space and defense capabilities, for a safer, more sustainable and more equitable world.

HEMERIA designs and manufactures first-class aerospace products that meet the needs of corporate and scientific customers in commercial, defence and safety applications.

As leader in the small satellite and aerostat industry, HEMERIA is a trusted partner of governments, primes and innovative start-ups with our optimized and competitive solutions based on French technical expertise.

HEMERIA also commits to tackle the challenges of Space Situational Awareness and is on track to be a leading European player, with capabilities to supply data from the ground and from space.

Key figures:

70 M€ in revenues

400 talents

50 business skills

20,000 sq-m of industrial facilities

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31023 TOULOUSE CEDEX 1 - France
Tel : 33 (0)5 82 95 16 22
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Let's stay in touch

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hemeria

SMALLSAT, HAPS AND AEROSTATS MISSIONS

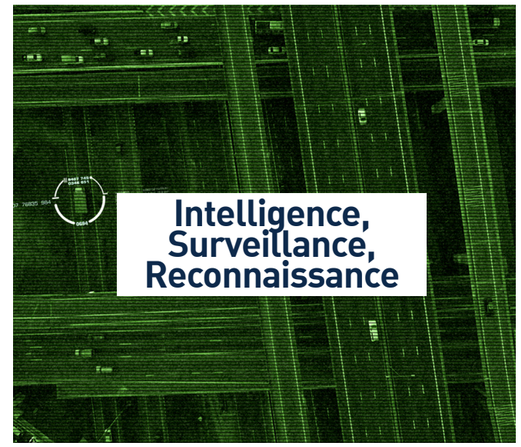
Booth A13
Paris Space Hub

55th INTERNATIONAL PARIS AIR SHOW LE BOURGET JUNE 16-22, 2025 | 55e SALON INTERNATIONAL DE L'AÉRONAUTIQUE & DE L'ESPACE PARIS • LE BOURGET 16-22, JUIN 2025





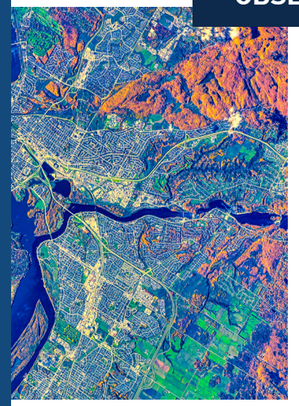




Proven airborne and space solutions

OUR MISSIONS:

OBSERVE

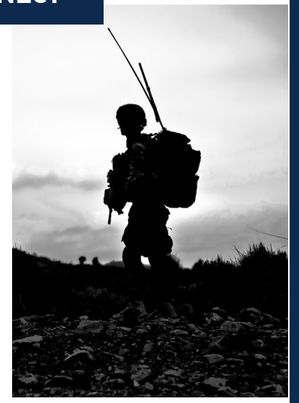


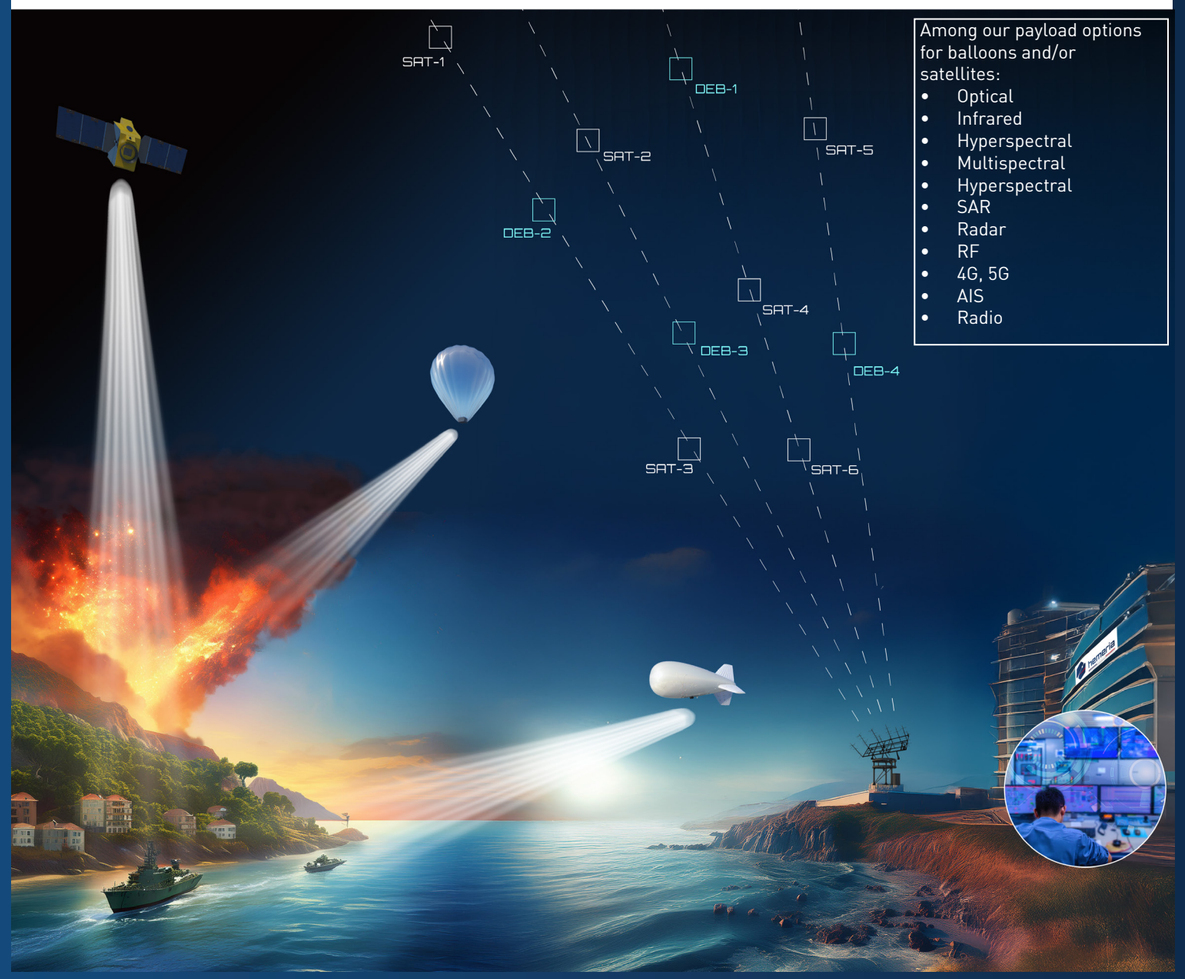
DETECT



CONNECT







Among our payload options for balloons and/or satellites:

- Optical
- Infrared
- Hyperspectral
- Multispectral
- Hyperspectral
- SAR
- Radar
- RF
- 4G, 5G
- AIS
- Radio

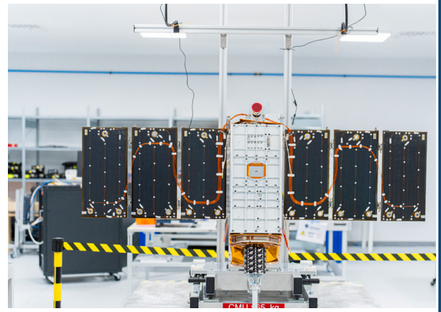
End-to-end missions

- French small **prime supplier** of small satellites, high altitude balloons and tethered aerostats
- Provider of **space situational awareness** solutions
- From **design to operations**
- Single project, **satellite constellations** or aerostat fleet
- For both **government** and **commercial** markets

SMALL SATELLITES

- 50-150 kg class small satellites
- 4 standard buses for LEO and GEO
- Customer payload integration
- Launch and LEOP services
- Automated satellite operations
- Low-latency data delivery
- Data retrieval on secure cloud-based datacenter

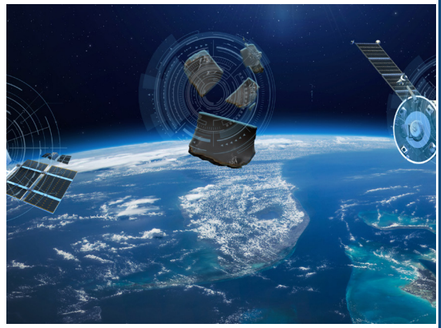
→ Small satellites with a guaranteed lifetime of 5 years, already qualified in orbit



SPACE SITUATIONAL AWARENESS

- Both ground or space-based
- 11,000 LEO objects catalogue
- 150,000 measurements per day
- Raw or processed data depending on your need: objects detection and characterization in LEO, orbit trajectory analysis, collision warning, etc.

→ Leading European commercial SSA service based on mature, operationally validated radar technology



HIGH-ALTITUDE BALLOONS

- Zero-pressure stratospheric balloons for payload up to 2 tons
- Pressurized stratospheric balloons for payload up to 50 kg
- BalMan: maneuvering stratospheric balloon for ISR and telecommunication missions with payload up to 20 kg

→ 50-year heritage in stratospheric balloon manufacturing



TETHERED AEROSTATS

- NEW! Jackdaw tethered aerostat range
- Persistent airborne missions over several weeks/months
- Up to 70 kg of payload
- Easy to use and to maintain
- Cost effective

→ Aerostat's expertise approved by several government and private customers

