hemeria

DISCOVER OUR OFFER
EURONAVAL EDITION

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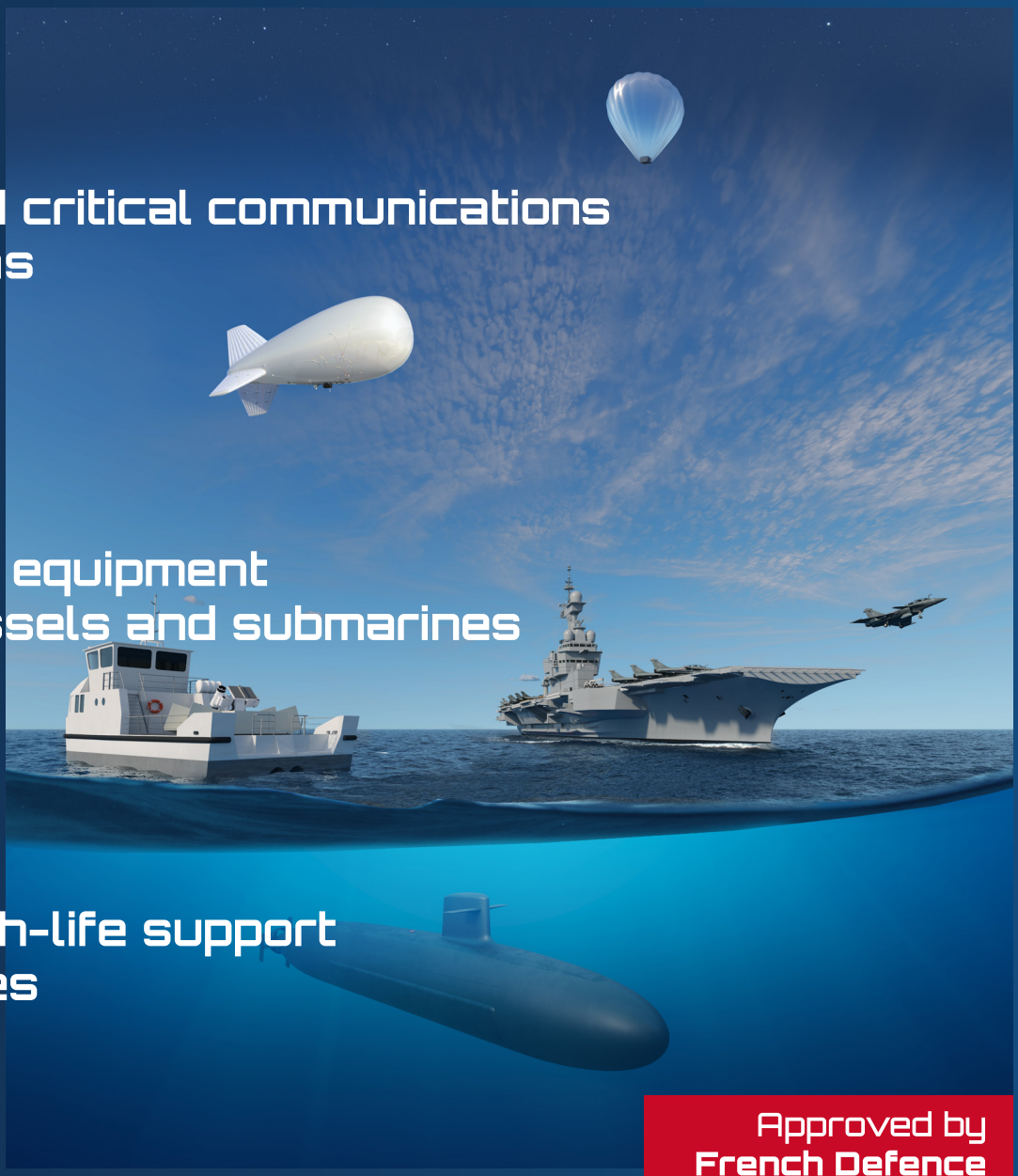


ISR and critical communications systems

Critical equipment for vessels and submarines

Through-life support services

Approved by **French Defence**

ISR and critical communications systems



Tethered aerostats

HEMERIA offers a comprehensive range of tethered aerostat systems, able to address both tactical and strategic missions. Our aerostats cover altitudes between 100 m and 1 km and carry payload between 5 kg and 250 kg.

Missions
- Coastal and maritime surveillance
- Industrial and commercial harbor surveillance
- Critical and temporary communications at sea

Main features
- 24/7 airborne persistent surveillance
- Suited to naval environment: resistant to salt and wind
- Versatile: multi-payload and multi-mission
- Set up on land or on vessel's deck



HAPS - stratospheric balloons

HEMERIA is developing BalMan, a maneuvering stratospheric balloon, able to achieve station keeping over an area of interest. BalMan operates at altitudes between 16 and 22 km and has a payload capacity of 15-20 kg.

Missions
- Maritime situational awareness
- Critical and temporary communication network

Main features
- Persistent flights lasting several months
- Coverage of a 100x100 km area
- Swarm flight capacity
- Downsized launch pad with options to launch from a ship

HYPERION Electro-Optical Tracking System

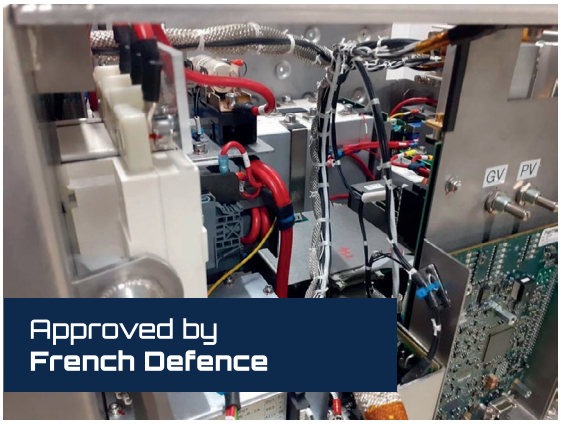
HYPERION is a multi-mission trajectory system. It aims to track swift moving targets and capture any Time Space Position Information.

Applications
- High velocity targets test campaigns
- Fire-control systems practice
- Airdrops training
- Space launches

Main features
- Multi targets tracking
- Best-in-class accuracy
- Long range
- Plug and play extensive sensors catalogue
- Easy to deploy and operate
- Set up on land - fixed or mobile - or on vessels



Critical equipment for vessels and submarines



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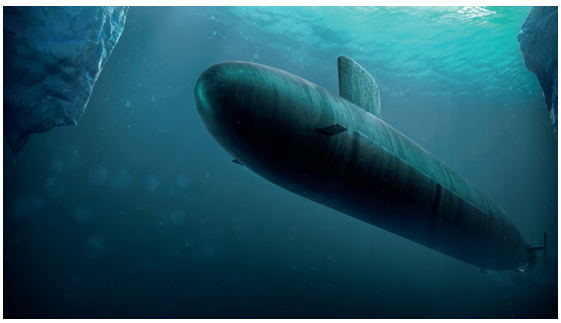

Critical power supply and conversion systems

HEMERIA designs and manufactures energy storage and conversion systems for on-board networks in vehicles, military vessels and highly critical systems requiring high power density and reliability.

Examples of applications
- High-power electrical distributions
- Main emergency power supply for safety equipment
- Control/command of rotating machineries

Our added value
- Offer dedicated to high-power, high-efficiency applications, up to 500 kVA
- Management of space-limited and harsh environments: EMC, vibrations, temperatures fluctuations, etc.
- Ensuring the availability and maintainability of your systems over more than a decade
- Offer compliant with military and nuclear standards
- Managing safety: securing programmable components and guaranteeing optimum availability





Used by several
Armed Forces

Search & Rescue equipment

HEMERIA supplies several Search & Rescue systems for submarines:

Releasable rescue buoy
- To improve the location accuracy of the submarine in alert position
- The buoy includes a copy of on-board data

Embedded acoustic beacon
- To alert, locate and guide emergency services
- The beacon broadcasts distress signal on international frequency and satellite protocols

Secure systems

HEMERIA has been a special partner of the French Ministry of the Armed Forces and the Defense industry for more than 20 years. HEMERIA is involved from design to integration, including through-life support, of the on-board secure equipment used by the land, sea and air forces, providing them with a degree of commitment equal to the stakes involved.

Among our expertise
- Electronics
- Software
- Control/command systems
- Development of test benches
- Electronic obsolescence management
- Through life support of multi-year contracts, up to more than 10 years

Through-life support services



Maintenance services

To ensure operational availability and sustained performance for your strategic assets, HEMERIA provides through-life support for your systems. HEMERIA can go to the sites housing your assets, make repairs, store your spares, conduct an obsolescence watch, and be your partner in optimizing the return of your systems to full operational capability.

Among our ongoing support programs

- Trajectory tracking radars
- Landing aid radars
- Military and civil ILS
- Calibration, repair and test bench for CBRN equipment
- Electronic warfare simulation resources
- Electromagnetic illumination, direction finding, analysis and reception system
- Calibration and collimation solutions
- Control console refurbishment
- Radar system shelterization
- French Navy training simulators

About HEMERIA

HEMERIA was founded on the idea that every nation should have access to autonomous space and defense capabilities for a safer, more sustainable, and equitable world.
HEMERIA is a recognized player in the defense and space industries, with long-standing partnerships with France's defense procurement agency, the French space agency CNES and major prime contractors. HEMERIA is also a key player in the European defense technological and industrial base and is particularly invested in the development of solutions to guarantee sovereignty at the military level.

Key figures:

65 M€ in revenues | **400** talents | **50** business skills | **20,000 sq-m** of industrial facilities

Visit our website

Let's stay in touch

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