

ELECTRONICS & DEFENSE



SPACENAUTE

THE DISRUPTIVE INERTIAL SOLUTION

The most cost-effective Size, Weight & Power (SWaP) oriented solution

- 100% in-house technology
- A real breakthrough for launch vehicles



SPACE NAUTE

The disruptive inertial solution

Designed to be the best heart of the trajectory management, *SpaceNaute* is the most cost-effective SWaP oriented solution in the world, already selected by Ariane 6.

Thanks to the HRG Technology and Constant Accuracy Improvement, Safran Electronics & Defense works days after days to improve all customers' space missions.



HRG
core



ROBUSTNESS
to shocks, vibrations
& space radiation



UNLIMITED
service life
for satellite use

+ 10,000

HRG for space,
aeronautical, land &
naval applications

+ 1 MILLION

of HRG operating
hours in space

+ 50

years of expertise
in inertial solutions
for space launchers



Characteristics	SpaceNaute
Size	< 3 liters
Weight	< 5 kg
Power	< 15 W

SpaceNaute could address IMUs and space navigation systems with the best performances in the market:

- Performance compliant with all missions from SSO to GTO+ and space exploration
- Gyro bias: << 0.01°/h
- Accelerometer bias: << 50 µg

> ACCURACY & INTEGRITY

Guaranteed by the quality of sensors and algorithms

> ROBUSTNESS & RELIABILITY

Guaranteed during the whole life-cycle

> EASY TO INTEGRATE

Guaranteed by the optimization of the Size, Weight, Power & Cost

> EASY TO EXPORT

Guaranteed by European technologies

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