

L PRESS RELEASE**Safran introduces Geonyx™, a new inertial navigation system for armies****Eurosatory 2018, Paris-Nord Villepinte, June 12, 2018**

At the Eurosatory 2018 defense show, Safran Electronics & Defense is introducing its new family of inertial navigation and pointing systems for land vehicles, Geonyx™. Based on the HRG Crystal™ hemispherical resonating gyro (HRG), Geonyx™ signals a major step forward in terms of compact design, operational efficiency, integration and cost of ownership.

Geonyx™ weighs just 6 kilograms, occupies a volume of less than 5 liters, offers power consumption of 15 watts and reduced operating costs, making it the best solution now available. These record-breaking qualities are due to the HRG CrystaTMI gyro. Building on the simplicity and proven maturity of this inertial technology, Safran Electronics & Defense has developed a line of ultra-reliable inertial navigation systems, offering a wide range of performance specifications. These units are designed for both civil and military applications in all environments: air, land, sea and space. The new Geonyx™ family is more specifically suited to land platforms such as combat vehicles, target acquisition systems and artillery.

To meet the varying needs of armies, the Geonyx™ family is available in three different versions, with increasing levels of performance: Geonyx™ SP, Geonyx™ HP and Geonyx™ XP. These navigation, position-determination and pointing systems, featuring accuracy of better than 1 mil (milliradian) on artillery, ensure high performance even when global navigation satellite system (GNSS) signals are absent or being jammed. Geonyx™ is also highly robust and easy to integrate in different platforms, while ensuring precise alignment and resistance to the repeated shocks of artillery fire.

Along with the new Geonyx™ product line, Safran Electronics & Defense is providing long-term support packages.

Safran Electronics & Defense is a long-standing leader in inertial navigation, having built up its expertise in all underlying technologies over the last 70+ years. Having delivered more than 150,000 resonator gyros, Safran Electronics & Defense is the leader in Europe and No. 3 worldwide.



Safran is an international high-technology group, operating in the aircraft propulsion and equipment, space and defense markets. Safran has a global presence, with more than 58,000 employees and sales of 16.5 billion euros in 2017. Safran is listed on the Euronext Paris stock exchange, and is part of the CAC 40 and Euro Stoxx 50 indices.

Safran Electronics & Defense is a world leader in optronics, avionics, electronics and critical software for both civil and defense applications. The company's products are deployed worldwide on more than 1000 ships, 25,000 land vehicles and 10,000 aircraft.

For more information: www.safran-group.com and www.safran-electronics-defense.com /
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