

L PRESS RELEASE

Eurosatory 2018 : a solid partner in today's defense programs

From June 11 to 15, 2018, Safran Electronics & Defense presents its most innovative solutions for land, airland and soldier applications at the Eurosatory trade show and exhibition. The company designs and develops smart, versatile and reliable systems and equipment in the areas of intelligence, decision support, protection and support, mobility and precision strikes. Designed to keep-up with the challenges of modern-day warfare, these solutions have a common goal: connecting forces!

CONNECTING FORCES: SOLUTIONS FOR WARFIGHTERS

NEOFELIS : THE NEW GENERATION OF INTEGRATED AND DIGITAL SYSTEMS FOR DISMOUNTED WARFIGHTERS

Featuring a modular, open and multi-mission architecture, NeoFelis combines kits offering key dismounted infantry functions for front-line combat: command, observation, self-defense and engagement, all integrated in the field jacket. The system is available in several different versions, depending on combat intensity and the theater of operations, and is the lightest of its kind on the market. It capitalizes on Safran Electronics & Defense's extensive experience in developing and building smart infantry soldier systems, such as FELIN, already in service for more than ten years.

JOINT FIRES SUPPORT SYSTEM : GUARANTEED SUCCESS FOR TACTICAL OPERATIONS

The Joint Fire Support System was designed for forward observers and controllers carrying out reconnaissance, target acquisition and designation missions. It enables the digital transmission of precise target coordinates. The system itself comprises optronic binoculars, the ultra-light Sterna North seeker, and an optional laser target designator. Connected to a tactical radio and geographic information system used by forces in the field, it ensures heightened connectivity on the battlefield, coupled with greater interoperability and a faster response by the command chain.

CONNECTING FORCES: LAND SOLUTIONS

PASEO HD : MODULAR SIGHT

PASEO HD is a latest-generation very-long-range observation and attack sight, intended for infantry vehicles and main battle tanks. Designed to meet the full range of combat requirements, PASEO features true versatility and impressive characteristics: panoramic 360° coverage and real-time digitization, networking, shorter detection times and greater firing effectiveness under all conditions, day or night, whether vehicles are moving or stationary.

PST FURIOUS : COLLABORATIVE COMBAT AND AUTONOMOUS ROBOTICS

In December 2017, French defense procurement agency DGA (Direction Générale de l'Armement) announced a contract award to Safran Electronics & Defense and partner Effidence for FURIOUS, a major science & technology project concerning the development of land robotics capabilities over the next five years. Part of the SCORPION Stage 2 modernization program, the FURIOUS project will pave the way for the gradual introduction of robotics within armed forces. The concrete aim is to develop three robot demonstrators, with different sizes and missions – eRider, Vicking and Jaguar – along with a drone demonstrator, all to be deployed in an infantry platoon. The end goal is to conduct a full-scale evaluation of the operational benefits of this type of system, by examining a multitude of scenarios and configurations. Safran Electronics & Defense has put together a "Team France" for this project, comprising the top French robotics labs (Mines Paristech, INRIA, Institut Pascal, CREC de Saint-Cyr Coëtquidan, Paris Dauphine, LAAS) and a group of agile and complementary partners from industry (Effidence, Technical Studio, Squadrone, Kompaï robotics, Sominex, 4D virtualiz, Valéo). The eRider is one of the three robotic systems to be developed through FURIOUS. This drivable tactical vehicle offers partial or total autonomy and is fully configurable. In autonomous mode, it provides support for a range of missions: logistics, convoys, perimeter protection, intelligence, and reconnaissance in urban zones.

CONNECTING FORCES: AIR-LAND SOLUTIONS

PATROLLER™ : THE NEW-GENERATION LONG-ENDURANCE, MULTI-MISSION AND MULTI-SENSOR TACTICAL DRONE

Developed and produced in France by Safran Electronics & Defense, the Patroller™ is a long-endurance, multi-sensor drone system, designed to carry out surveillance or intelligence missions on foreign deployments and for homeland security, effectively and discreetly. Offering 20-hour-class endurance, the Patroller can carry a payload of up to 250 kg, with an operating ceiling of 6,000 meters and at a speed of 100 to 200 km/h. Its communications range of 200 km can be extended to 1,000 km with a satcom data link. The Patroller won a hotly contested competition to be chosen by France as its new tactical drone, and will be deployed by the French army starting in 2019.

**Système de Drones Tactiques*

THE TRAILBLAZER VISION SYSTEM : GUARANTEED MISSION SUCCESS AND A SAFE FLIGHT EVEN UNDER EXTREME CONDITIONS

Safran Electronics & Defense has developed and produced state-of-the-art electro-optical systems for more than 35 years, and they have been proven in operations around the world. Today, by calling on the complementary qualities of the Euroflir™ 410 and Eurofl'Eye™ systems, the Trailblazer vision system helps helicopters (military or civil) carry out the most demanding missions, by day and night, even under the worst possible conditions of visibility.

New generation Euroflir™ 410 is a very-long-range electro-optical system featuring multispectral detection and a laser designator to carry out surveillance, marking and target designation functions.

Eurofl'Eye™ is a panoramic, multispectral 3D pilot-aid sensor. Used in conjunction with helmet-mounted sight and display such as Thales' TopOwl®,

it gives pilots an independent 200° view.

SKYNAUTE : HYBRID NAVIGATION SYSTEM FOR AIRCRAFT

SkyNaute is a new-generation inertial navigation system designed by Safran Electronics & Defense for civil and military airplanes, helicopters and drones. Featuring hybrid capability with satellite navigation systems, it can also operate autonomously while ensuring very high performance, as required by aviation regulations. Its inertial core, comprising three HRG CrystalTM* units and three accelerometers, makes it the most compact and reliable inertial system on the market.

**The HRG CrystalTM is based on a disruptive yet proven technology, the hemispherical resonating gyro. Highly versatile and extremely robust, it features exceptional reliability and service life.*

Click on the picture to learn more:



Contact(s)