



Sagem, Valeo and ULIS selected for AWARE project (All Weather All Roads Enhanced vision)

Eurosatory, Paris-Nord Villepinte, June 19, 2014.

Sagem (Safran), Valeo and Ulis, a subsidiary of Sofradir, were selected as part of the 17th call for projects to be financed by the French competitiveness, industry and services directorate (DGCIS). Supported by the Mov'eo, ViaMéca and Astech competitiveness clusters, the AWARE (All Weather All Roads Enhanced vision) project also includes the CEA, Oktal, Oktal SE, Nexyad, Ifsttar, Cerema and IAC.

Joint R&D work by Sagem and Valeo for this project will exploit technologies designed for dual (civil/military) applications. The project aims to develop a low-cost, all-weather camera that will allow the safe automated driving of automobiles, combat vehicles, robots and drones. These sensors not only ensure safe driving, at night and in bad weather, but will also enhance the autonomy of tomorrow's civil and military vehicles.

This latest contract falls within the scope of the partnership signed by Valeo and Safran in July 2013 to develop innovative and competitive solutions that meet new requirements in the defense, security and automotive sectors.

One of the main challenges in the military sector is to ensure the mobility, under all conditions, of both manned and autonomous platforms, along with a vision of the platform's immediate surroundings to grasp the tactical situation and help protect the vehicle and its crew. The basic technology developed through this project will also be applicable to airborne platforms such as drones ("see & avoid" sensors), helicopters (for enhanced flight safety), and even civil aviation.

Sagem, as the European leader in optronics (electro-optical) systems, draws on its proven expertise and differentiating technologies to bolster its position in these areas. The company's solid technological base enables it to offer cost-competitive components, subassemblies and systems for land, sea and air applications, such as FELIN, Scorpion, the Tiger and Caracal helicopters, and the new medium-range, land-based missile MMP.

At Eurosatory (June 16 – 20, 2014), Sagem is in Hall 6, Stand F80 and ULIS is in Hall 6 - Stand F139.



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Sagem, a high-tech company of Safran, holds world or European leadership positions in optronics, avionics, electronics and safety-critical software for both civil and military markets. Sagem is the No. 1 company in Europe and No. 3 worldwide for inertial navigation systems (INS) used in air, land and naval applications. It is also the world leader in helicopter flight controls and the European leader in optronics and tactical UAV systems. Operating across the globe through the Safran group, Sagem and its subsidiaries employ 7,500 people in Europe, Southeast Asia and North America. Sagem is the commercial name of the company Sagem Défense Sécurité. **For more information:** www.sagem.com

Valeo is an automotive supplier, partner to all automakers worldwide. As a technology company, Valeo proposes innovative products and systems that contribute to the reduction of CO₂ emissions and to the development of intuitive driving.

In 2013, the Group generated sales of €12.1 billion euros and invested over 10% of its original equipment sales in research and development. Valeo has 124 production sites, 16 Research centers, 35 Development centers and 12 distribution platforms, and employs 74,800 people in 29 countries throughout the world.

Ulis, a subsidiary of Sofradir and GE Equity, specializes in the design and manufacture of high quality thermal image sensors for commercial and military applications. It enables makers of consumer electronics and infrared equipment to produce low weight, low power consumption and cost-effective thermal cameras for deployment in everyday use.

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