PRESS RELEASE

THE ITALIAN A.ST.I.M.'S SECURITY SOLUTIONS
WILL FLY TO THE MIDDLE EAST'S AIRPORTS

The Italian company A.ST.I.M. is also competing to supply Airport's security systems commissioned by the Sultanate of Oman. The Made in Italy technology and excellence in respect of the highest international standards.

Ravenna September 19th, 2017 – To keep up with the times, in Middle East it has been accustomed for a long time to carefully guard sensitive sites and civilian infrastructure, recently, they have opted to increase further the level of airport security.

It is on this occasion that the participation of **A.ST.I.M.** take place in this tender, the **Italian company** designs and develops for ten years a very high-tech solutions, for **the supply and commissioning of a support system for the airport emergency management** "Driver's enhanced navigation and information system", issued by the Oman government **for a civilian international airport of the Sultanate**.

At the center of the attention is the A.ST.I.M.'s solution: **THERMONAV® DEVS MK3 ARFF** Airport Rescue and Fire Fighting. This solution meets the FAA and ICAO requirements and is in full compliance with the international safety standards in the civil aviation. The important feature of the product is to be modular, through **5 different sub-systems** that correspond to the same number of activity: **Enhanced Vision module** (in case of bad weather conditions, such as darkness, smoke, fog...); **Cartographic Navigation module** which uses an accurate satellite positioning system and a high-resolution mapping system to drive the vehicle in quick and safe way to the wanted point, thanks to advanced navigation algorithms and space representation (in both mode: absolute coordinates and grid map coordinating); **Collaboration module**, is the module used to exchange digitized information (through data link) between tower, vehicles and operating rooms, it's able also to manage the alerts management functions; **Recording module**, for video, photo, position, paths and other important information record; **Slaving module** to introduce other elements of support for the operations (eg radar, light projectors, transponders...).

The solution can be installed onboard (road or naval) vehicles that intervene in the airport area and it can operate as a **stand-alone solution** or it can **be inserted in a complex system already implemented**.

THERMONAV® DEVS MK3 ARFF is a collaborative system that connects in real-time all vehicles where it is installed: thanks to an advanced vision method, efficacious in any climatic and visibility condition, it let you record videos and photos of the analyzed areas (using sophisticated algorithms, for the georeferencing and encryption of data and images); by using a fast and secure data link, it also allows the video and information sharing through a text and vocal messaging functions as well. The, under evaluation, system is already present in **the 12 most importants Italian airports**, which just last year were adapted to the international requirement on civil aviation safety.

Precisely because it is able to collect and share information from different and sophisticated sensors and systems, THERMONAV® DEVS MK3 ARFF is one of the latest step of the technological innovation applied to the security, because it operates in a **fully digital mode**, to guarantee **quick and reliable response time**, **increasing and improving in this way the operational capacity** of the forces team involved in the intervention for a positive resolution of the critical emergency.

The proposed supply in Oman represents the last state-of-the-art control system created in 2012. Today this system can handle and support any type of **indoor and outdoor operation** thanks to his **RTLS Real Time Location System** to track each security operator and share crucial operational information in real-time even in closed rooms such as terminal, luggage handling area, technical and service areas. This evolution is a result of a continuous development of solutions able to follow the international security needs, which are in continued evolution. With this important opportunity in Oman, where other A.ST.I.M.'s solutions are already present on board government naval units, the company confirms its progressive affirmation in the Middle East market (and in particular way in the Gulf Countries), taking part of important international tenders and defense and security events as well as alliances or partnerships with local partners as in this case.

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A.ST.I.M. Ltd. operates in the design and development of high-tech systems. Active mainly in the aerospace and defense sectors, its solutions are also appreciated in other areas such as security, strategic infrastructure and naval. The different product lines are now used in helicopters, civil and military naval units and emergency vehicles, as well as in defense of many strategical sites. The feather in company's cap is the THERMONAV® product family that, thanks to a wide range of sensors and technologies able to cover the entire electromagnetic spectrum, can operate in air, sea and land, I mean wherever high performance and operational capabilities are required. A.ST.I.M has always been linked to its origins and the industrial field in which it was developed. It also provides automation and management systems to some market leaders in the industry sectors for their production lines.

Maurizio Minghelli, CEO and founding partner of the company, in addition to defining the A.ST.I.M business strategies is also the head of the R&D division, currently engaged in the development of new solutions for Special Forces operations and other new products for markets that, in the future, may be with strategic importance.

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