

Leonardo at Eurosatory 2018: technologies and solutions on the path of the European common Defence

- **Interoperability, efficiency and cost-effectiveness are the key elements of Leonardo solutions for the Armed Forces**
- **A focus will be on the FOB – Forward Operating Base protection solution, a highly modular and flexible system to secure Armed Forces and critical infrastructure**
- **An insight also on proprietary technologies to equip the latest generation of wheeled and tracked armored vehicles and retrofit /upgrade packages for in service vehicles**

Rome, 8 June 2018 – Leonardo will attend Eurosatory 2018 (Paris, June, 11-15), the biggest international exhibition dedicated to the land and air land Defence and Security domain, showcasing its latest land technologies on its stand C300/B301 - Hall6.

In the current worldwide theatre, where conventional threats combine with new asymmetric ones, Leonardo is an even more reliable partner of choice for the Armed Forces. Leonardo is able to offer all the enabling expertise and technologies to assure an unmatched information superiority, situational awareness, command and control capability, weapon system management, interoperability and network communications.

To address the security requirements of deployed Armed Forces, Leonardo is presenting its FOB (Forward Operating Base) protection system architecture, a solution that, thanks to its high flexibility and modularity, is able to provide superior surveillance and threat detection capabilities for military bases, airports, peacekeeping camps and other critical infrastructure. Furthermore, on display will be some of the members of the SWave SDR product family which includes handheld, man pack and vehicular tactical radio systems. As an expert in the latest SDR (Software Defined Radio) technology, Leonardo has taken an important role in support of the interoperability of European Land Forces in joint mission within the ESSOR consortium in developing a shared EU radio architecture and a common European waveform, the ESSOR HDR WF (High Data Rate Waveform). The company is also involved in the Generic Open Soldier System Reference Architecture (namely "GOSSRA"), a project aimed at producing an open architecture to be standardised among European nations, defining a future modernised soldier system that achieves effectiveness and cost-efficiency.

At Leonardo's stand virtual immersive simulation technology will enable visitors to experience a "highly realistic" operational battlefield environment at dismounted soldier level, fully integrated with the Command and Control chain. As a further demonstration of Leonardo's integration and interoperability capabilities for the digital battlefield, a complete C4I (Command, control, Communications, Computers and Intelligence) infrastructure will be on show.

Among the systems on display there will be the counter-RCIED Guardian system, already selected by several Countries worldwide, the Drivers Night Vision System (DNVS) 4, the NERIO-ULR electro-optical system and, for the first time, the latest Infra-Red (IR) camera SLX-SuperHawk.

Leonardo fully addresses the latest requirements of the market in terms of medium armoured fighting vehicles, presenting its new technologies on board of the wheeled 8x8 Centauro II, of the Light Multirole Vehicle (LMV) 2 and its retrofit/upgrade of existing armoured vehicles, as the M60 tank. In this domain, a mission effective system is the HITFACT II large calibre family of turrets, presented on the wheeled Centauro II and also on the tracked ASCOD on the GDELS - General Dynamics European Land Systems – booth, to demonstrate how the gun can be integrated on different platforms according to specific requirements.

One of the most innovative products worldwide is the Vulcano, a family of guided ammunitions that exceed the performance of all currently precision-guided projectiles. The Vulcano has attracted the interest of the US Navy and is at the heart of a strategic collaboration with BAE Systems US; collaboration that is poised to open up favourable market prospects.

On the occasion of Eurosatory, Leonardo will also host on its stand the handover ceremony of ELDIG (European Land Defence Industry Group) chairmanship which is moving from Leonardo to Rheinmetall. ELDIG is the European land industries forum which is part of ASD (AeroSpace and Defence Industries Association of Europe), that represents more than 3,000 companies from 19 Countries.