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Rafael presents: SPIKE tactical, electro-optical missiles



The SPIKE Family includes the following variants:

© Rafael- SPIKE NLOS on vehicle

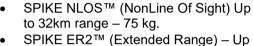
SPIKE[™] is a cutting-edge precise, multi-platform, multi-mission and multi-range electro-optical missile Family, with capabilities of fire-and-forget, as well as fire, observe and update, allowing attack of hidden targets. The SPIKE Family of 5th generation missiles has been selected by 36 nations with more than 35,000 missiles supplied and more than 45 different launch platforms integrated. It is one of the most commonly-used and mature ATGM systems on the market.

The SPIKE's electro-optical guidance is 100% passive, therefore unlikely to be detected and less susceptible to jamming and spoofing, unlike radar guided, laser guided or GPS-reliant systems.

Spike missiles and launcher cross-force commonality enables user nations to manage joint SPIKE missile stocks, create joint procurement and maintain support.

For the combat helicopter, the main advantages of the SPIKE Family are its ultra-long stand-off range & Non-Line-of Sight (NLOS) attack capabilities, which dramatically increases aircraft survivability (in comparison to laser-guided munitions which force the pilot to approach the target and gain LOS to target) as well as the passivity of the electro-optical seeker, unlike the active laser guided munitions which can be detected upon lasing on the objective.

Rafael's helicopter upgrade package includes SPIKE launchers that can carry all SPIKE Family missiles (LR2, ER2, NLOS) thus allowing tactical flexibility, reducing Integrations costs and enabling usage of existing customer SPIKE missile arsenal.



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- SPIKE LR2™ (Long Range) Up to 5.5km (ground launch range).
- SPIKE SR[™] (Short Range) Up to 2 km (shoulder-launched), 9kg.

SPIKE NLOS

Part of the SPIKE Family, consisting of missiles suited for land, air and sea platforms for multiple ranges, Spike NLOS (Non-Line-Of-Sight) is an electro-optically guided multipurpose missile for ranges of up t 32km with pinpoint accuracy and midcourse navigation. The weapon system can be launched from land, air and naval platforms. Equipped with a variety of warheads, a wireless data link to the missile, unique advantages of hitting non-line of sight (NLOS) targets and the ability to switch between targets and abort missions, Spike NLOS can be operated in both offensive and defensive scenarios. In addition to attacking hidden targets, Spike NLOS can provide real-time tactical intelligence and damage assessment. Spike NLOS is designed to be integrated into the modern battle arena and can receive target location from an embedded TAS system, external sensors, C4I center or UAVs. The SPIKE NLOS, with its significant combat record of thousands of missiles used in battle, can grant armed forces their required ground deterrence capability and tactical overmatch. The SPIKE missile is available in a number of warhead configurations, suitable for a wide variety of targets, including armored vehicles, targets in open terrain or enclosed structures, as well as for naval targets.





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SK Group and Plasan jointly acquire Greek company, ELVO – Hellenic Vehicle Industry

"SK Group is world renowned, with decades of proven experience in developing, manufacturing, and marketing solutions for the international defense market," says Dimitrios Angelopoulos, General Manager of ELVO.

SK Group - a privately held technology and innovation holding company specializing in global frontline defense, law enforcement solutions, marine infrastructure and property development, and **Plasan** - a global leader in offering safer vehicle environments and survivability solutions for defense and security forces, have announced their acquisition of ELVO a Greek company with advanced production experience and capabilities in the field of wheeled and tracked vehicles. The jointly owned company will manufacture advanced vehicles and protection solutions for various customers, in Greece and worldwide.

This acquisition is the result of a fruitful cooperation between SK Group and Plasan, with a long-term strategy of creating a strong base in Europe, headquartered in Greece. The site in Thessaloniki will be transformed into a manufacturing hub serving the global market and will create many new jobs in the region.

"Following a long and meticulous international tender process, the Greek Government selected our bid and business plan, entrusting us with the future

of one of the most accredited local companies in the EMEA region," says Orly Katsav, Chairwoman of ELVO and Deputy Chairwoman of SK Group. "We have already set our plans in motion, investing in infrastructure, technology and recruiting highlyskilled personnel for key positions. We believe that with our experience in defense industry, exports and manufacturing, we will soon affirm the Greek Government's choice, leading the company forward."

"SK Group is world renowned, with decades of proven experience in developing, manufacturing, and marketing solutions for the international

market," defense says Dimitrios Angelopoulos, General Manager of ELVO. "Together with Plasan's rich experience and technological knowhow in the field of vehicle protection, this will enable ELVO to strengthen its presence in Europe, as well as other regions. We are in pleased with the cooperation with the Greek Government after an extensive evaluation and tender for the purchase of ELVO."



"Plasan has a successful

history with ELVO, having designed and supplied armor hulls in kit form for the Hellenic Army HMMWV - the M1114GR and M1118GR HMMWVs - all of which were assembled by ELVO, and have been serving the Hellenic Armed Forces since 2004," says Dani Ziv, CEO of Plasan. "We anticipate that our cooperation with the local authorities will continue to be fruitful."

SK Group is the largest privately-held defense group in Israel, with facilities in the Israel, USA, Asia, Latin America and now in Europe at ELVO. SK is also engaged in real estate and property development. SK Group exports to more than 50 countries worldwide, and has experience in privatization, and transfer of technology, while investing in R&D and new technologies. SK Group includes IWI - a leading firearms manufacturer of small arms systems, Meprolight- a global force in electro-optic systems and laser solutions, Camero-Tech - a world leading pioneer in Sense-Through-The-Wall (STTW) solutions, Uni-Scope - with broad experience in development, production and sales of periscopes for armored vehicles, and more. SK's companies offer a powerful track record of technology, experience and excellence.

Plasan is a global leader in survivability and armor solutions for defense and security forces. With extensive battlefield experience and expertise in automotive systems and materials, the company delivers solutions to support the most complex requirements.

Plasan offers a variety of vehicle protection solutions, including advanced kitted hulls, such as the SandCat family of vehicles, the Hawkei, and other armored tactical vehicles. Its end-to-end capability includes design, development, simulation, testing, production and integration.



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Greece's defense posture: National defence policy

The Hellenic National Defence Policy should be seen in the broader context of our comprehensive National Strategy and Policy. In fulfillment of its security components Greece's National Defence Policy is based both on an active foreign policy and capable armed forces.

The geostrategic position of Greece in conjunction with the strategic unity of the mainland and the insular complex reflect its specific security requirements and results to a continuous pursuit of our defence policy aims. Furthermore, the specific geography of the country, and the new security environment led to a Strategic Defence Review, the adoption of a joint doctrine and the reorganization and modernization of the Hellenic Armed Forces. The National Defence of Greece is planned, determined, and implemented in the framework of a broad institutional, political and military concept, which consists of the following:

The Permanent Committee of National Defence and Foreign Affairs of the Parliament, which is responsible for the processing, examination and voting of the bills of law and law suggestions, concerning the Ministry of Defence.

The Governmental Council on Foreign Policy and National Defence (KYSEA), of which president is the Prime Minister, is the main decisionmaking body concerning National Defence issues, such as the Policy of National Defence, structure and leadership of the Armed Forces, major procurement and production programs of defence means and equipment, the Crisis Management System and the development of the Armed Forces in order to cover the needs of the country.

The Ministry of Defence (MOD). It is the governmental institution through which the organizational framework of the Armed Forces' administration is being reflected. The main organs of MOD, which contribute to the formation and



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implementation of the National Military Strategy and control the Armed Forces, are the following:

- The Minister of Defence.
- The Deputy Minister or Ministers of National Defence.
- The General Secretary of Ministry of National Defence.
- The Council of Defence.
- The Joint Chiefs of General Staffs Council.
- The Chief/ Hellenic National Defence General Staff.
- The Higher Councils of the Services of the Armed Forces (Higher Naval Council-Higher Air Council- Higher Military Council).
- The Chiefs of General Staffs of the three Services.
- The Armed Forces of the country (Army, Navy, Air Force)
- The Staff of the Minister of Defence.
- The General Secretariat for Financial Planning and Defence Investments.

The Defence Council is the highest consultative organ of the Minister of Defence in issues, such as the force structure, armament and research programs, budget and program of public investments and evaluation of circumstances that may affect the security or the relations of the Country with other states. It consists of the Minister of Defence, the Deputy Ministers of Defence, the Chiefs of the Army, Navy and Air Force National Defence General Staffs and other persons, which might be called in by the Minister of Defence.

The Joint Chiefs of General Staffs Council is composed of the Chiefs of Army, Navy and Air Force General Staffs of National Defence. Its duty is to submit proposals and pronouncements to the Minister of Defence, concerning issues like the national military strategy, the military evaluation of the situation, directions of defense planning, force structure of the Armed Forces, the general defence plan of the country, interservice Armed Forces action plans and shaping of the interservice operational doctrines and military agreements.

HELLENIC NATIONAL DEFENCE GENERAL STAFF

The Chief/ Hellenic National Defence General Staff conducts the HNDGS (Hellenic National Defence General Staff) and is the main adviser to the Governmental Council on Foreign Policy and National Defence and to the Minister of Defence on military issues. Through the Chiefs of General



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ΝΕΑ ΦΡΕΓΑΤΑ «ΨΗΦΙΑΚΗΣ ΕΠΟΧΗΣ»

Η Naval Group, ηγέτιδα ευρωπαϊκή δύναμη στα ναυτικά συστήματα άμυνας, Η Νάναι Group, ηγετιοά ευρωπαϊκή ουναμή στα ναυτικά συστηματά αμύνας, με κληρονομιά που μετρά 400 χρόνια περίπου. Περισσότερες από 500 δεξιότητες συνεργάζονται για την ανάπτυξη φιλόδοξων και σύνθετων συστημάτων άμυνας. Οι καινοτόμες λύσεις, που σχεδιάζει, προστατεύουν τα συμφέροντα εθνικής ασφάλειας των συμμάχων της Γαλλίας.

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Staffs, he carries out the operational commanding of the Joint Headquarters and the units that come under them, as well as the rest forces, when it comes to the issues of operation plans implementation and the Crises management System implementation, conduction of operations outside the national territory and participation of the Armed Forces in the confrontation of special situations during peace time.

HNDGS constructs the National Military Strategy after taking into consideration the suggestions of the General Staffs of the Armed Forces Services and according to the directions of the Ministry of Defence he manages and proposes the priority of the armament programs and suggests the general policy directions and priorities on every operational objective.

As the current doctrine and concepts focuses on deterrence, the Chief of Defence (CHOD) is to provide the necessary military means and strategic options to reach our National Strategy goals. The state of high readiness of our forces during peacetime along with their effective response capability to any provocation, are the fundamental operational aspects shaping the Hellenic National Defence General Staff (HNGDS') role. Accordingly, within the overall framework of the Hellenic Defence Policy, the HNDGS has a vital role in supporting its objectives which besides others include, securing the national territorial integrity, preserving and defending the national sovereignty and the legitimate rights of our country on land, at sea and in the air, optimize our participation in Alliances and International Organizations, contributing to the regional and international security and protecting the security of Greek citizens in case of disasters and civil emergencies.

The Higher Councils of the Branches of the Armed Forces (Higher Military Council, Higher Naval Council and Higher Air Force Council) decide or opine about issues that concern their Branch such as organizational, operational, armament, administrative, financial issues etc.

The Chiefs of General Staffs (of the Army, Navy, Air Force), (Chief/ Hellenic Army General Staff, Chief/ Hellenic Navy General Staff, Chief/ Hellenic Air Force General Staff) are responsible for the perfect organization, manning, armament, training, evaluation and preparation for war, readiness and utilization of their Branches, as their directors, according to the general directions and orders of the





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Minister of National Defence and the Chief of the Hellenic National Defence General Staff.

The Chiefs of the Staffs administrate in whole the Forces of their Services, except for those who belong to the Joint Headquarters and propose the promotion of the legislative and regulative decrees, which concern to them.Greece emphasizes the need for international cooperation remaining committed in supporting NATO, EU and UN operations, assuming its share of responsibilities to all endeavors.

As far as the international operations in Western Balkans are concerned, the importance Greece attaches to the security and prosperity of the region is reflected in our continuous support and participation in all of the missions and operations conducted.

Concerning the Hellenic contribution in international maritime operations, as a nation with a long naval tradition and commercial presence at seas around the world, Greece actively participates in all NATO Maritime Operations and in specifics in EU's Counter Piracy Operations since their initiation and will continue to support NATO maritime operations through her permanent contribution in the Standing Maritime Groups, "Operation ACTIVE ENDEAVOUR" and EU operation "ATALANTA".

Furthermore, we participate in a number of UN operations, with our more significant contribution in UNIFIL operation in Lebanon which we support since its initiation with one vessel and staff officers.

In addition, Greek officers are and have been deployed in various other peacekeeping operations around the world.

According to the National Defense Planning procedures, the implementation of our Joint Midterm Armaments Program for the period 2020-2030 aims to improve the rapid reaction capability, deployability, flexibility, mobility, interoperability of our Forces and to fulfill the country's obligations towards international organizations. Political and Military Leadership of the Hellenic Armed Forces focus on the acquisition of modern main weapon systems and means, force multipliers, in conjunction with the reduction of the operational cost.

CHOD's operational requirements and priorities on main armaments programs are mainly focused on the areas of improvement of existing capabilities, including, but not limited to, Air/Mar/Land Superiority, training, use of mil space applications, surveillance, SAR, etc.

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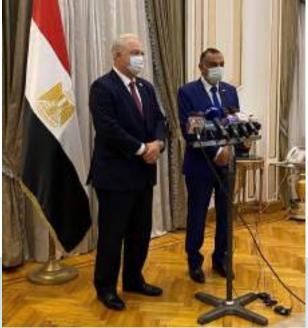


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General Signs Memorandum of Understanding with Egyptian Ministry of Military Production to Establish a Strategic Automotive Partnership



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On 22 June 2021, AM General, global military-grade tactical vehicle and mobility systems provider signed a memorandum of understanding with the Egyptian Ministry of Military Production (MoMP) to facilitate Egypt's development of its domestic military automobile industry. The long-term partnership would establish a phased approach to investigate ways in which AM General can collaborate with the MoMP to develop and build tactical vehicles in-country.

"Today's signing ceremony further solidifies our long-standing relationship with the government of Egypt," said Andy Hove, AM General President and CEO. "We look forward to applying our manufacturing and design expertise to help grow the Egyptian automotive industry."

This collaboration will help facilitate the development of a domestic military automobile industry in Egypt. Together with the MoMP, the company will study the feasibility of developing an

in-country assembly and manufacturing capability which will enable the MoMP to replace and/or supplement its existing HUMVEE fleet. The study will result in the development of a detailed plan to move forward with partnership agreement.

AM General designs, engineers, manufactures, supplies and supports specialized vehicles for military and commercial customers worldwide. Through its military business, the company is widely recognized as the world leader in design, engineering, manufacturing and logistics support of military grade tactical vehicles, having produced and sustained more than 300,000 vehicles in over 70 countries. AM General has extensive experience meeting the changing needs of the defense and automotive industries, supported by its employees at major facilities in Indiana, Michigan, and Ohio, and a strong supplier base that stretches across 43 states.

The Egyptian Ministry of Military Production is responsible for managing the development and operation of military factories in the Arab Republicof Egypt. Minister of Military Production Mohamed Ahmed Morsi recently stated to Daily News Egypt that the Ministry is looking to deepen the country's industry. It is also looking to develop a strategy for boosting the electric car industry in Egypt, which Prime Minister Mostafa Madbouly is set to announce within weeks.Consultations are also ongoing with an Italian company into manufacturing dual fuel or natural gas cars, as well as electrical bikes for military colleges and a number of companies. Offers have been made to the Ministries of Youth and Sports, and Higher Education and Scientific Research, and production lines will be established after agreement with one of the authorities.

© AM General's armoured vehicle HUMVEE (Photo's courtesy of US embassy in Cairo)

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Pearson Engineering has completed the company's first virtual Factory Acceptance

Pearson Engineering is a world-leading provider of counter-mine, counter-improvised explosive device (IED), counter-obstacle and bridging products for armoured fighting vehicles.

Pearson Engineering provides proven battlefield mobility solutions to enhance the tactical capabilities of Armoured Vehicles. Products are provided as vehicle attachments which are optimised for specific combat engineering roles and can be configured to support the most challenging operational demands.

A common interface' system acts as the connection between the vehicles and our attachments. Front-End Equipment (FEE) can be quickly attached, released, interchanged, or jettisoned in an emergency. Attachments are vehicle agnostic and are optimised for the host vehicle.

When enduring the ongoing threats of landmines, IEDs cluster munitions and other challenges to mobility, Pearson Engineering range of products provides Commanders with freedom of manoeuvre. Products meet military requirements for survivability and mobility; they are battle proven and have undergone extensive field tests to meet the needs of the mission.

Undeterred by the current restrictions on global travel, Pearson Engineering has completed the company's first virtual Factory Acceptance Test (FAT) for mw370, as part of a U.S Government Foreign Military Sales contract to provide mine clearance vehicles to a Middle Eastern customer. The milestone was achieved using a combination of technologies to allow Government contract officers the same access as would be achieved in person whilst on different continents.

The 27-hour FAT took place over nine sessions in a two-week period hosted by Principal Project Manager, Steve Fenton, and supported by key project engineers within the company. It was successful in demonstrating static and dynamic tests, operations and inspections leading to progress in the vehicle acceptance process.

The new approach marks a broadening of the services that can be offered to customers and opens up opportunities for more environmentally sustainable practices where contracts allow.

Steve Fenton said "Pearson Engineering has always been known for doing all it can to meet and exceed customer expectations. It has been shown in our response to urgent operational requirements, product development and field support. Presented with the challenges associated with Covid-19, we knew we had to work to meet the high standards expected of us and quickly adapted our plan to include a virtual Factory Acceptance Test. We now look ahead to delivering operator and maintainer training."

The mine clearance machines delivered against this contract are MW370 vehicles with tillers. The systems are designed for large area clearance of ERW (Explosive Remnants of War) and can cover 30,000m2 clearance per day. The 367hp engine can power tillers, flails, and other tools to achieve clearance in a variety of ground conditions. The news follows Pearson Engineering's successful and safe presence at IDEX in Abu Dhabi, despite the challenges posed by Covid-19.

Head of Strategic Marketing and Communications, Nicola Irving said "It is important to us that we continue to find ways to serve our customers, partners and end-users in the Middle East to support their peacekeeping and security efforts in the region. Our 'hybrid' presence at IDEX was made possible through collaboration with an Emirati partner and the use of technology to facilitate live conversations with our team in the UK. Our recent work across the Middle Eastern Region has been really positive and we've learnt a lot about new ways to get capability into the hands of end-users more quickly."



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NATO AIR CONTROL SPECIALISTS COOPERATE WITH HELLENIC AIR FORCE TO TEST DEPLOYABLE SYSTEMS

NATO's Deployable Air Command and Control Centre (DACCC) has deployed DARS* package to Larissa Air Base, and the team is setting up the deployed camp for exercise Ramstein Dust II-21.

"At the beginning of exercise Ramstein Dust II 21, which is the first after two years due to COVID-19 restrictions, the DACCC team of approx. 50 air surveillance and control experts are ready to showcase the special capability we offer to NATO," said DACCC Deputy Commander, Brigadier General Christoph Pliet.

The goal is to operate our core tactical functionalities within allocated areas to train crisis and conflict procedures of NATO air operations Having arrived at the port of Igoumenitsa, Greece, on board the Hellenic Navy Ship Rodos on March 25, the DACCC convoy continued the road movement to the deployed sites at Larissa and Chortiatis.

Hellenic Air Force Staff assisted the NATO Combat Service Support team in unloading the trucks and preparing the build-up.With the build-up of the site facilities complete and all systems connected, the Communication and Information System specialists and NATO Communication and Information Agency experts initiated first equipment tests and verified the live-radar feed from Hellenic Air Force sources. As a final step, the team has run tests on the Air and Control System Command (ACCS) functionalities and connections to ensure the DARS is ready to conduct the mission.

"During our ten-day execution phase in mid-April, we will integrate our systems with Hellenic Air Force air surveillance and control systems and control Hellenic fighter training activities," added General Pliet. "The goal is to operate our core tactical functionalities within allocated areas to train crisis and conflict procedures of NATO operations. The deployed Ground-Air-Ground radar coverage will feed a partial Recognised Air Picture into the DARS, which will in turn provide consolidated input to the NATO Air Surveillance and Control network via the Hellenic Control and Reporting Centre," he concluded.



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IAI and ESG Will Deliver Tactical Radars to German Land Forces in Deal Worth EUR 36 million

Israel Aerospace Industries (IAI), through its Group and Subsidiary ELTA SYSTEMS LTD and ESG Elektroniksystem - und Logistik-GmbH, agreed to manufacture and deliver 69 tactical mobile radar systems to the German Land Forces. The agreement was signed between ESG and The Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBw). The deal is valued at EUR 36 million.

The first radar systems are to be delivered at the beginning of 2022 and the final deliveries will take place in 2024. Included in the contract, the company will provide training courses and resources and initial spare parts in order to effectively share best practices.

The WatchGuard Radar is a fifth generation of movement-detection tactical Ground Surveillance Radar (GSR), employing both staring and electronic-steering search techniques. Featuring a high update rate, the radar enables very high probability of target detection and tracking to support complex missions. Combination of staring and scanning allows to adapt and optimize the radar operation for any scenario.

The new BARÜ (ground-based reconnaissance and area monitoring system), radar system is intended to replace and provide a consolidated alternative to the aging legacy systems: PARA (tank reconnaissance radar), ABRA (artillery observation radar), LEGAR 1 (light battlefield reconnaissance radar), and BOR-A 550 (ground surveillance radar unit 550), in the Bundeswehr.

BARÜ is intended to supply comprehensive information acquisition, on-demand, for all levels of command to determine threat potential, operational conditions as well as conditions in potential crisis areas. The system has all-weather day/night capability and is capable of ongoing long-term reconnaissance and surveillance of large areas while occupying a small force footprint. Further, it enables "Force Shared Tactical Fire Support" (STF), in addition to providing target tracking of previously identified enemy forces and contributing to fire correction and effects intelligence.

Zvi Yarom IAI-ELTA Land Systems Division, VP & GM: "IAI is a pioneer in the development of persistent radar technology offering veriaty of products with sales worldwide. Throughout the years, our customers have provided us with real-time operational feedback and combat experiences that have been integrated into all of our products. We are proud to cooperate with ESG to deliver our advanced solutions to the German Land Forces".

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Hellenic Army in 2021



The Hellenic Army mission should be seen in the broader context of Hellenic Armed Forces, and its Comprehensive National Strategy and Policy. In

fulfillment of its security components Greece's National Defence Policy is based both on an active foreign policy and capable armed forces. The state of high readiness of the Hellenic Army's units during peacetime along with their effective response capability to any provocation, are the fundamental operational aspects shaping the Hellenic Army General Staff role.

Accordingly, within the overall framework of the Hellenic Defence Policy, the Hellenic Army has a vital role in supporting its objectives which besides others include, securing the national territorial integrity, preserving and defending the national sovereignty and the legitimate rights of our country on land, optimize its participation in Alliances and International Organizations, contributing to the regional and international security and protecting the security of Greek citizens in case of disasters and civil emergencies.

The 21st century introduced significant changes to the global and European affairs, which necessarily brought new orientations to the Armed Forces' activities, such as peace keeping operations, humanitarian – social relief, countering asymmetric threats and terrorism, etc. The time factor, expressed in the term "rapid reaction", constitutes a



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OEM DS offers tailored support solutions leveraging the synergies and efficiencies between its shareholders and other partners. OEM DS provides integrated industrial support solutions to meet the specific needs of national armed forces, while striving to be cost-effective as possible to the customers.



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standard based on which all planning and execution mechanisms of Hellenic Army activities are now assessed. By including all the above in the framework set by the National Defence Policy and the National Military Strategy, Greece envisages a modern, powerful, flexible, mobile Army at a state ofhigh operational readiness that constitutes a reliable deterrence and rapid reaction force.

An Army adapted to the current and future national security and defence requirements, capable of responding to the country's international obligations in the best way possible, but mainly an Army whose personnel is characterised by high morale, professionalism and is mission oriented. Drastic and innovative interventions have already been made to its structure and operation for the next 15 years, focused on specific axes, which are the increase of operational readiness, realistic training, joint exercises, exploitation of emerging technologies, procurement of modern weapon systems and assets that will act as force multipliers, calculation of weapon systems' and assets' Life Cycle Cost, personnel-equipment-installations security, quality assurance, focus on personnel and balanced development of Arms and Branches, so that the planned operational capabilities of each of these are gradually harmonised with the whole Armv's respective capabilities in order to avoid "technology gaps". The Hellenic Army, except for the above, also participates in international initiatives, multilateral and bilateral organisations (NATO, NRF, EU, FINABEL, etc.), always with the promotion of national interests and the contribution to the protection of International Law in mind. A significant part of the Army's activities regards its presence and contribution to areas such as: environmental protection, humanitarian relief, and assistance to the population in case of disasters.

The defence planning is based on the National Defence Policy and aims at changing political will in terms of forces and equipment. The main threat remains the same for decades now, however, this is not the case with its aspects and its potential expressions in the operational/strategic environment, the most dangerous of which would be a complex provocation/crisis. In any case, the goal is to plan within the framework of the national defence policy to counter the "improbable" and the "unexpected".

The main objective of our operational planning is the rapid reaction capability, as well as the increase army capability to conduct operations for an extensive time period without a reduction in performance rates.

Furthermore, which are related to the Hellenic Army's main mission, i the protection of the country's territorial integrity, the Hellenic Army is highly active in NATO and EU affairs.

The Hellenic Army's most important activity is training, which covers the greatest part of peacetime activities. Training, particularly on simulation systems, constitutes a factor of major importance for the Hellenic Army, being an integral part of its armaments programmes. The reasons are well known and obvious: resource saving, increase of the operational equipment's survivability, training on scenarios not permitted by the conditions on the training field, etc.

Greece has spent decades buying vast amounts of military equipment to defend itself against Turkey, but the economic crisis means sharp cutbacks are inevitable. Since the start of the crisis in 2009, Greece has reduced defense expenditures by 54 percent.

Over the last three decades, the Hellenic Army has acquired 170 German Leopard 2A6 HEL tanks. It also received approximately 500 older second-hand Leopard 1 tanks of various configurations, sometimes as offsets associated with other deals. At the same time, the army has expanded its artillery and anti-air capabilities such as the purchase of ASRAD mobile surface-to-air (SAM) missile systems and the purchase of PzH-2000 selfpropelled howitzers.

A total of 70-Armed Reconnaissance helicopters were bought from the US Army's reserves at the insignificant cost \$44,15, which can prove crucial for the rapid reaction and first attack against hostile force that will threaten the Aegean Sea islands. Six of them came ready to fly. Along with the 70 OH-58Ds came the last so far of the 10 CH-47SD Chinook helicopters that the Hellenic Army bought from the US Army.

As a first step, 36 helicopters were capable of taking up every mission as they came complete in terms of communications, carrying three different types of secure radio stations. This does not mean that the remaining 24 carrying only two types of secure radio



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stations cannot carry out a combat mission. It's just that their crew will operate with some minimal restrictions. The remaining 10 airframes are to be used for spares.

Boeing has been given the go ahead to sell 10 CH-47 Chinook heavy lift helicopters to Greece, the US Defense Security Cooperation Agency (DSCA) announced on 11 December 2014. Greece requested, and the US State Department approved the sale of up to 10 D-model Chinooks and supporting equipment for a total cost of \$150 million. Rather than a foreign military sale by Boeing to Greece, the deal has no principal contractor. The aircraft will come from US Army stock, DSCA said.

Greece already operates a fleet of 15 CH-47Ds, meaning it "will have no difficulty absorbing these helicopters into its armed forces". the announcement says. The deal will requireassignment of US government or Boeing personnel to Greece at some point. The D-model Chinook has been supplanted in the US Army by the CH-47F, which sports an upgraded Honeywell T55-714A engine, a Rockwell Collins common avionics architecture system (CAAS) cockpit and BAE Systems' digital advanced flight control system.

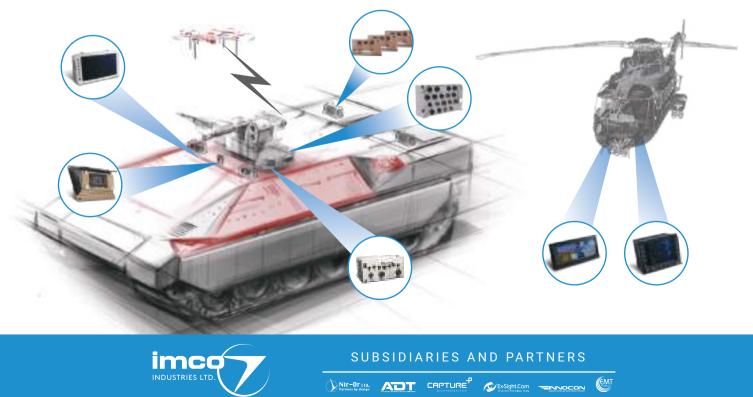
On 7 February 2017, The General Directorate for Defense Investments and Armaments (GDDIA) awarded a contract to the Russian state-owned company ROSOBORONEXPORT regarding the follow-on support (FOS) of the Hellenic Army's air defence weapon systems OSA- AKM and TOR-M1.





13-15 JULY 2021 STAND A23

FIRST TO IDENTIFY – FIRST TO ACT



DAY 1

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The program has been approved by the Supreme Council on Foreign Affairs and Defence (KYSEA) on 11 November 2013. Estimated budget is in the area of $16.600.000 \in$.

Hellenic Army will acquire slightly used 4x4 M1117 Guardian Armored Security Vehicles (ASV). On 21 December 2020, the Minister of National Defence, Mr. Nikolaos Panagiotopoulos, briefed the members of the Special Standing Committee on Armament Programs & Contracts of the Hellenic Parliament.

U.S. Congress has approved the sale of 1,200 ASVs which had been used by U.S. Army military police units and were offered to Greece for around 70,000 euros. However, the sale price to the Greek military didn't include the platform's armaments, so Greek Army will have to supply its own machine guns and grenade launchers. Yet, even in used condition and without armaments the M1117 could be just what the Greek military needs—an affordable platform with plenty of spare parts to ensure that the Guardians will remain operational for years to come.

The 4x4 wheeled armored vehicle platform was developed by Textron Marine & Land Systems' (TMYL) Cadillac Gage in the late 1990s for theUnited States Military Police Corps, and the first prototypes were delivered in 1997. The M1117 entered serial production in late 1999 and was ready for deployment just as the United States became involved in the conflicts in Afghanistan and Iraq. The Guardian was widely deployed in the early stages of Operation Enduring Freedom and Operation Iraqi Freedom, where it was involved as mission essential equipment, and provided operational capability in both missions.



The vehicles provided protection to military from small arms fire and mines but also offered quick insertion capability and maneuverability in urban areas. The M1117 was developed with worldwide deployment in mind and was made to be compatible with the C-130 transport / cargo plane.

Additionally, Hellenic Army General Staff plans the replacement of 10,000 Mercedes and Steyr vehicles, trucks and the jeeps. Estimated budget that is in the area of 550 million euros, mobilizes all major military vehicle manufacturers. Main candidates are considered, the French companies Nexter and Arquus, the US company Oshkosh Corporation, the Italian Iveco, the German MAN Group, The Polish Tatra and the Israeli Plasan.

On Thursday, April 8, 2021, the Sixth (6th) Amendment of the Contract No.: 034A/03 was signed, which concerns the "Supply of sixteen (16) Transport Helicopters NH 90 – four (4) Special Operation Helicopters NH 90 and four (4) Medical Evacuation Sets" between the Hellenic Ministry of National Defence, which was represented by GDDIA's General Director, Lieutenant General (Rtd) Theodoros Lagios (HAF) and the NH Industries Company, which was represented by Head of Export Variants of NH Industries, Mr. Ernst Heckert, and the NH90 Program Manager for Greece at Airbus Helicopters, Mrs. Isabel Humby.



SHOW DAILY FOCUS ON DEFEA 2021

Aeronautics Group - a leading provider of integrated turnkey solutions based on unmanned system platforms, payloads and communications for defense and HLS applications will present at the show the following systems and solutions:

Orbiter 3 STUAS - The Orbiter 3 provides extended operational coverage and a radically reduced logistical footprint. Designed to operate with, and support, the tactical echelon, it provides intelligence, surveillance, target acquisition, and reconnaissance (ISTAR) missions with long endurance. This system can carry payloads up to 5 kg in weight, including multi-sensor stabilized EO payloads carrying laser target-designation systems. The latest variant of the Orbiter 3 STUAS is fitted with digital encrypted datalink, extended endurance of 7 hours and an operational radius of 150 km.

Orbiter 4 STUAS - Orbiter 4 delivers higher capabilities than other tactical platforms in operation today, with exclusive abilities include endurance of over 24 hours, serviceability, operational flexibility and cost-effectiveness. An advanced tactical UAS, multi-mission platform with versatile pavloads. optional BLOS operation and extraordinary endurance for all weather conditions, it retains the legacy capabilities of the combat-proven Orbiter UAS family. Suitable for both land and maritime operations, the system can simultaneously carry multiple payloads simultaneously, extending its ISTAR capabilities. Easy to use, with a low logistical footprint and a small crew, the runway-free Orbiter 4 STUAS aircraft suits all operational needs.

Orbiter 1K Loitering Munition UAS - Designed for loitering attacking missions, the Orbiter 1K has advanced guidance capabilities that ensure high precision, lethality and low collateral effects. Based on the mature, combat-proven Orbiter 2 Mini UAS, Orbiter 1K delivers outstanding performance in terms of endurance and mission range and is the perfect solution for the 'Sensor to Shooter' operation concept. Once launched, the Orbiter 1K loiters and searches for targets; when one is found, it attacks it precisely, causing little collateral damage. © Aeronautics 2021- Orbiter 4

© Aeronautics 2021 - Orbiter 3

© Aeronautics 2021 - Orbiter 1K

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Naval Group has submitted as part of the French Team with MBDA and Thales an offer for the modernisation of the surfacefleet of the Hellenic Navy.

The French Team's offer is a comprehensive and robust package designed to ensure Greece has the best capabilities in the shortest timeframe with optimised costs.

The first FDI HN will be in service with the Hellenic Navy as soon as 2025 and three of the four frigates will be built in Greece thanks to a robust Hellenic Industry Participation (HIP) plan.

Beyond reinforcing the strong ties between France and Greece, the French offer addresses all the current and future needs of the Hellenic Navy with a comprehensive package based on the FDI HN, the best frigate of her category but also the first modern one already available.

With this global package of modern frigates equipped with the most advanced Sea Fire radar and missiles systems respectively provided by Thales and MBDA, the solution for the MEKO modernisation and the Gap Filler, the French Team will ensure that HN capabilities are enhanced to meet immediate and future needs while creating and sustaining jobs and economic benefits for the country over decades to come.

The FDI HN, the best response to the needs of the Hellenic Navy

The FDI HN is the only frigate offered to the Hellenic Navy capable of protecting efficiently high value units or areas at sea, shore facilities, cities and Greek islands

The FDI HN will be a power and sovereignty asset for Greece. Fitted with up to 32 ASTER missiles or with a combination of ASTER and MICA NG missiles, 21 RAM, 8 Exocet MM 40 B 3, MU 90 lightweight torpedoes and 76 mm gun, she offers unrivalled capabilities for the permanent control of



air and sea space and autonomy of action, in support of the political and military objectives set. Like all Naval Group frigates, the FDI HN will be fully interoperable with NATO and EU Navies' fleets. She will be capable of assuming all multimission roles within any kind of allied fleet and within the HN fleet.

The FDI HN is a compendium of the best technologies from the European defence industries Thales, MBDA and Naval Group. The Aster missiles onboard can be engaged very quickly in all directions and ensure an unmatched hit-to-kill capability, making it possible to defeat saturating attacks.

The physical and digital infrastructures of the FDI guarantee an evolutionary potential that will ensure that the Hellenic Navy will be able to deal with emerging and future threats over the life of the ship (UAVs, Cyber, anti-ship ballistic missiles, hypersonic missiles, stealth threats underwater or above water, etc.).

The first FDI HN will be delivered in 2025 meaning that the needs of the HN will be addressed very quickly and Naval Group offers a risk-free solution for the construction of the 3 other FDI HN in Greece,

DAY 1



SHOW DAILY FOCUS ON DEFEA 2021

by Greek shipyards, on time, and with the same quality and performances as the first of class.

Naval Group has a long track record of successful transfers of technology across the world. The frigates will be co-produced in Greece, with significant involvement of the French team. Construction of the 1st frigate in France will ensure operation by Greece in the shortest timeframe and secure the transfer of technology to allow construction of 3 frigates in Greece. This will ensure long-term autonomy for HN and significant economic benefits for the Hellenic naval and defence industries and hundreds of long-term jobs in Greece.

A robust Hellenic Industry Participation plan

As part of the development of Greece's sovereignty, the involvement of the Hellenic industry will enhance the country's excellence in the naval domain and create long term economic benefits and jobs as well as ensuring the warships will be maintained in autonomy in Greece by the Greek industry.

Over the past few months, Naval Group has deployed a permanent task force of experts in Greece to boost the survey of the Hellenic industry. Their mission is very clear: identify all local companies willing to participate in the local construction of the FDI HN frigates, the modernisation of the Meko 200HN, their future in-

service support but also beyond the Greek frigates program to other international naval programs with Naval Group.

This Hellenic Industry Participation plan will develop new capacities in the Greek industry, sustaining thousands of highly qualified jobs and generating long-term economic spin-offs in Greece.

FDI HN "made in Greece, by the Hellenic Industry, for the Hellenic Navy"

Over the last decades, Naval Group has developped a robust expertise and conducted successful programs with extensive tranfers of production of surface ships or submarines within its

international partners' facilities, such as in Singapore, India, Brasil or Egypt. Based on this unmatched and risk-free Transfer of Technology approach, Naval Group offers a secure coproduction of three (3) FDI HN frigates in Greece, by a major Greek shipyard and with a large involvement of the Hellenic Industrial ecosystem.

Naval Group's Hellenic Industrial Participation plan is shaped to provide "made in Greece" warships with same quality and performances as the FDI frigates under construction in France for the French Navy, perfectly adapted to the Hellenic Navy's operational needs and fully interoperable with French and NATO navies.

This Hellenic Industry Participation plan will contribute to the revitalisation of a strong Greek defence shipbuilding industry, key for the the country's industrial and operational autonomy in the naval domain by:

• Transfering in Greece all the necessary technology and knowledge to ensure 3 FDI HN frigates are built in Greece, on time, and with the same quality and performances as the first of class to be built in France and delivered in 2025

• Maximizing the participation of the Greek Industry for the In-Service Support of the FDI HN frigates over the next 40 years



• Increasing the country's autonomy and selfreliance for construction and service support of warships through transfers of technology and knowledge to Greek partners

• Participating to the development of a profitable and innovative Greek naval defence ecosystem that will generate long-term highly qualified jobs for Greek citizens, not only shipyards but also in electronics, IT, etc and benefit for the country's economy.

Building long-term partnerships with the Hellenic Industry

As a maritime country with a strong shipbuilding tradition, Greece has both shipyards and a large number of defence companies. Naval Group's experts have been working in coordination with the two main defense industry associations, SEKPY and HASDIG, but also with the maritime industry association HEMEXPO, and is receiving or visiting all Major, Small and Medium-sized Hellenic companies identified or interested in contributing to the FDI HN program in various domains of activities such as platform equipment, platform construction and integration, combat system equipment and integration, engineering, tests and trials management, support services, R&D projects...

More than 100 companies based in Athens and Thessaloniki areas have been identified among which 10 companies are already pre-qualified and 70 have been met and/or visited for a preliminary evaluation of their industrial capabilities. The process will continue within the next weeks as Naval Group is fully committed to achieve the most extensive Hellenic industry participation.

Bevond the participation to the FDI HN and MEKO 200HN programs, all qualified Greek companies will integrate the French industrial team's supply chains and have the possibility to participate to other future international competitions, thus increasing their capabilities as well as their potential economic benefit and visibility on the worldwide naval market. Naval Group's Hellenic Industrial Participation plan will contribute to the construction of the FDI HN but also to the creation of a robust naval industrial ecosystem able to participate in the future to other national and international complex projects, directly or in partnership with Naval Group, sustaining thousands of highly qualified jobs and generating long-term economic spin-offs in Greece for decades to come.

Making Greece a centre for naval innovation

Naval Group also expresses a strong interest in developing collaborative R&D projects with Hellenic companies, universities and research institute in cutting edge technologies such as additive manufacturing, predictive maintenance, drones or naval mission systems. Naval Group aims at developing a network of technological and research projects so as to build the Hellenic future naval warfare capabilities.

Naval Group is already working on cyber security applied to the naval and maritime domains with Greek partners in the frame of different European programs such as CYBERMAR as well as the PESCO Pandora and H2020 projects.

Finally, France and Greece share a common need for maritime surveillance. Naval Group proposes to create, together with Greek partners, an industrial and commercial activity that would address the European market from Greece. Naval Group has begun discussions with Hellenic companies in order to position itself on European research programs and to carry out joint projects.



SHOW DAILY FOCUS ON DEFEA 2021

DEFEA: Nir-Or will present an advanced tactical dominance solution integrating 360 vision situational awareness systems, UAVs, electro-optic sensors, and modular multi-axial sensor positioners



Nir-Or's Situational Awareness Video System (SAVS) offers continuous 360° situational awareness powered with Al capabilities for land and marine vehicles

Nir-Or will present an advanced tactical dominance solution integrating 360 vision situational awareness systems at the DEFEA Defence exhibition in Athens, Greece.

Nir-Or, a subsidiary of IMCO Industries Ltd. (Tel Aviv Stock Exchange TASE: IMCO), designs, develops, manufactures, and integrates innovative electronic systems and products for a vast range of military applications that maximize force lethality and survivability at land, air, and sea.

Nir-Or's Situational Awareness Video System 360° (SAVS) offers continuous situational awareness with ATR (automatic target recognition) capabilities for land and marine vehicles, uniquely offering a 'first to identify, first to act' ability in lineof-sight and beyond, to achieve lethality and survivability. Additionally, Nir-Or's SAVS can integrate different hardware and software solutions. offering each customer a unique tailor-made tactical dominance solution for use on the ground, air, or sea.

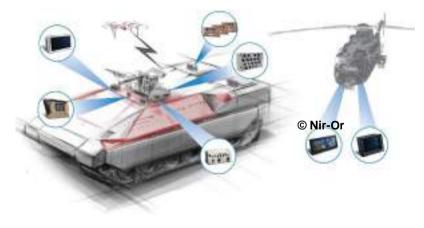
Visit us at our stand A23

As a prime system integrator, Nir-Or offers its customers complete and advanced tactical dominance solutions which include UAVs, electro optic systems and advanced situational awareness video system embedded with AI that supports decision-making solutions on the battlefield.

Nir-Or's CEO, BG. (Ret.) Roy Riftin: "We are proud to participate at the DEFEA exhibition and present our cutting-edge technology for the next generation operational challenges and combat arena. Nir-Or is a trusted defense solutions provider of the IDF, with our systems being used in the new Israeli "Namer" and "Eitan" armored personnel carriers (APC).

Providing our customers complete turn-key systems that rely on advanced technology to exploit AI capabilities on the battlefield, we will lead them another step forward towards semi-autonomous warfare capabilities."

Nir-Or, IMCO Industries subsidiary, is leading the participation of IMCO Group, its subsidiaries and partners, at the DEFEA exhibition. Nir-Or's stand will include complimentary systems and technologies of IMCO Group's partner companies: Innocon Ltd. will present its MicroFalcon - a lightweight UAV for overthe-hill ISR missions, Capture systems will present its ATID Anti-Threat Intelligent Detector, and Ex-Sight will present its newest electro-optical solutions.





SHOW DAILY FOCUS ON DEFEA 2021

Capability Enhancements for Wheeled Armored Vehicles by INTRACOM DEFENSE - IDE

In the context of strengthening the deterrent capability of Greece, through the purchase of new platforms and the upgrade of existing ones, INTRACOM DEFENSE (IDE) responds to the national defense challenges with advanced systems and integrated solutions, which are locally developed and of high national added value.

IDE, with its significant experience in major programs execution and technological capabilities, can augment the effectiveness of the Hellenic Armed Forces by:

- Upgrading their operational capabilities in multiple domains.
- Enhancing their survivability in an emerging multi-threat environment.
- Reducing the Operational Expenses and Life-Cycle Costs (LCC) of the main systems.
- Ensuring "Follow-on-Support" and "Security of Supply".

These points are considered especially important for platforms that are deployed as front-line assets in large numbers, providing a rapid reaction force with high maneuverability, firepower and networkcentric capabilities, such as modern Wheeled Armored Vehicles.



To address these, IDE has developed customizable integrated solutions for Wheeled Armored Vehicles, adapting its successful GENAIRCON and WiSPR systems to the requirements of these platforms and the multitude of operational roles that will be faced with.

GENAIRCON – Silent Auxiliary Power System (SAPS)

Based on the established GENAIRCON architecture, IDE has developed a platform customizable Silent Auxiliary Power System (SAPS) for Wheeled Armored Vehicles. SAPS serves as an integrated and autonomous system providing hybrid auxiliary electric power to the platform via an innovative design, which allows the system to be fully integrated to the platform, structurally and electrically.

The above is accomplished through sophisticated algorithms for intelligent management of energy supply and distribution. To match the instantaneous power load requirements, the optimized selection of the energy supply mix, among the available power sources, is completely automated, requiring no user intervention.

SAPS provides the capability of autonomous, scheduled and hierarchical support of all electrical, electronic and weapon systems of the platform, through the exclusive use of silent power from IDE's advanced Energy Storage Modules, eliminating the operation of the platform's internal combustion engine. Thus, the platform is fully operational without any thermal or aural traces - a unique tactical advantage to enhance mission effectiveness in a multi-threat environment.



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© IDE- M1151 GTLB fitted with GENAIRCON system

The optional Pulse Energy Storage Modules can provide vehicle engine start over the complete range of environmental conditions, even after a prolonged stationary period, drastically enhancing the operational readiness and availability of Wheeled Armored Vehicles. In addition, they are ideally suited to energize weapon systems with demanding peak power requirements.

The SAPS can be expanded with additional GENAIRCON modules, such as Hybrid Auxiliary Power & Air-Conditioning Unit to provide a comprehensive and integrated solution for power sustainment and environmental control to Wheeled Armored Vehicles.

WiSPRevo – Communication and Information System

The ever-increasing operational challenges and requirements of the modern battlefield require the use of new generation systems in order to improve mission effectiveness and situation awareness levels, as well as the coordination of military units and decision-making process.

In the field of integrated tactical communications and information management systems, IDE innovates with the WiSPRevo system, which is designed to meet both current and future needs of an evolving, complex and multi-dimensional battlefield domain. WiSPRevo is the new, evolved version of the existing WiSPR system, which is in use by NATO countries including Hellenic Armed Forces.

WiSPRevo is fully compatible with IP (Internet Protocol) technology and designed based on modern open, modular and scalable architectures

that ensure interoperability with existing and future subsystems, Tactical Radios, and vehicle's sensors.

The WiSPRevo system provides the necessary networking infrastructure, interfaces and functions required in a complete C4I system, while providing intercom services and high-speed secure communications through the integrated wideband radio based on SDR (Software Defined Radios) technology. In addition, WiSPR incorporates a Processing Unit, compatible with existing Tactical Applications and Battle Management Systems, such as Iniochos used by the Hellenic Army.

Another unique feature of WiSPRevo system is its advanced Dynamic Noise Reduction (DNR) technology that is embedded in each Tactical User Terminal and is specially designed for operation in extreme environmental conditions and extremely high noise levels. With the DNR technology, WiSPRevo ensures staggering sound quality, clarity and high speech intelligibility among the vehicle crew as well as communications over Tactical Radios. The effectiveness of DNR is crucial since it reduces the levels of mental fatigue of crews and improves their situational awareness and effectiveness in decision making.

Finally, WiSPRevo supports voice, video and tactical information communications among vehicles, dismounted units/soldiers and forward observers in order to maintain interoperability between units and sub-groups operating on the battlefield.



SHOW DAILY FOCUS ON DEFEA 2021

FIRST FIRING OF MMP FROM A JAGUAR ARMOURED VEHICLE

On 14 April, MBDA and Nexter participated in the first lock-on firing of an MMP medium-range missile from a Jaguar armoured reconnaissance and combat vehicle (EBRC). The French defence procurement agency (DGA) carried out the firing at their Land Techniques Test Centre as part of the JAGUAR qualification. Launched from the retractable pod on the Jaguar's turret in two-missile configuration, the MMP successfully hit its target.

The integration of MMP onto JAGUAR is being carried out in stages during qualification. This firing is the first stage, successfully demonstrating hitting a fixed target. The system will offer the capability to destroy fixed or mobile hardened land targets, including up to the latest generation of tanks. Targeting will be direct or beyond-line-of-sight (BLOS). It will also be precise and with minimal collateral damage, qualities that characterise the MMP.

MMP's capabilities – integrated into the Jaguar's turret by Nexter, alongside the remote-controlled weapon station developed by Arquus, the Scorpion common vetronics solution developed by Thales and the 40mm cannon developed by CTAI – gives the Jaguar a key role in collaborative combat. During this demonstration, the Optrolead PASEO battlefield surveillance sight interfaced with the missile system, offering real-time optronic acquisition by day and by night. This gives the Jaguar excellent long-range observation and identification capabilities.

Frédéric Michaud, Head of Battlefield Sector for Sales & Business Development at MBDA, said: "This firing marks an important first step of the work conducted with Nexter to develop the Jaguar turret and integrate the MMP into a weapon system built on the latest technological solutions. This twomissile turret configuration considerably expands the vehicle's firepower."

David Marquette, Jaguar project manager at Nexter, hailed the exceptional work of the programme team on this critically important system integration project: "This marks a major milestone, demonstrating the technical skills of our teams in designing and developing an operational capability unlike any other in the world."

MMP is the latest (fifth) generation land combat missile system designed for dismounted infantry as well as for integration on combat vehicles. The weapons effectiveness has also been proven on small naval craft as well. Featuring both fire-andforget and man-in-the-loop operation, networkenabled MMP also receives third party target designation for indirect firing scenarios. MMP has a multi-purpose warhead with the selectable choice of anti-armor of anti-infrastructure modes.

MMP's design includes the growth potential necessary for a future family of missiles for modern land combat. MMP will replace the Milan and Javelin anti-tank missiles in service with the French Army and special forces from 2017. Taking into account the battle experience gained from recent conflicts in which the French Army has been engaged, MMP is a response to the demands that have been expressed in terms of required capabilities such as: firing from confined spaces, "fire-and-forget", and self-guidance with a "man-in-the-loop" facility.

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CHARACTERISTICS

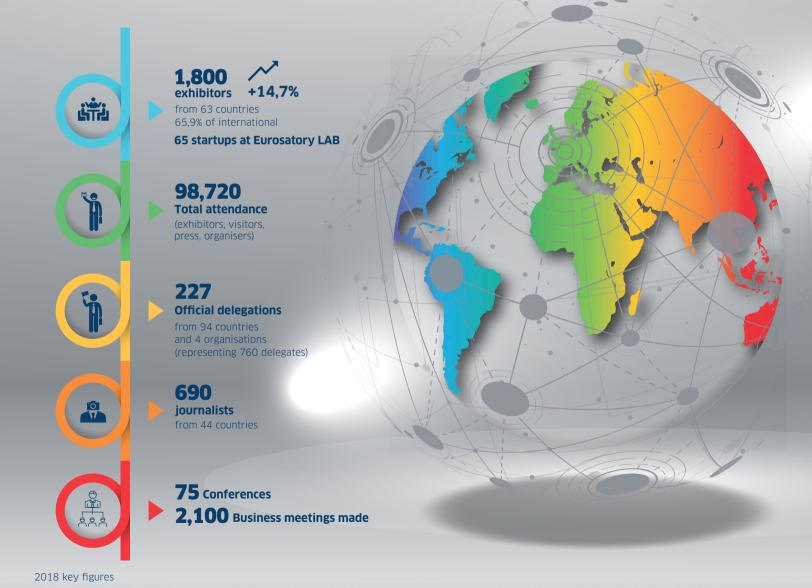
- Weight (incl. Tube): 15 kg
- Length: 1.3 m in tactical canister
- Diameter: 140 mm
- Range: >4.000 m

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PLATH hands over last MoGeFA COMINT vehicles to Bundeswehr and successfully completes project

The series is complete: PLATH GmbH & Co. KG has handed over all 12 mobile, protected COMINT systems (MoGeFA) to the customer on schedule. MoGeFA is a series of modern reconnaissance systems of the Bundeswehr; they are mounted on mobile all-terrain, armoured, multipurpose platforms of the Yak type and can thus be deployed on a mobile basis.

In 2016, the authority of the German Bundeswehr (BAAINBw) awarded the contract for a total of 12 vehicles to PLATH as general contractor through the military organisational division Cyber and Information Space (CIR). The vehicles of the last batch of this series have now been handed over to the BAAINBw as planned.

The business division PLATH S&I as part of PLATH GmbH & Co. KG was mainly responsible for coordinating the entire project and the suppliers.

These include major industry players such as Rheinmetall Landsysteme GmbH or ELETTRONICA GmbH as well as INNOSYSTEC GmbH and PROCITEC GmbH, as independent companies within the PLATH Group. The transport vehicles of the Yak type provided by the Bundeswehr were each equipped with a fully integrated COMINT system, including all the necessary hardware and software systems by the participating companies under the management of PLATH S&I. PLATH S&I took over the integration of all components into a powerful overall system. The mobile protected COMINT systems make an important reconnaissance contribution to the situational picture and directly support operational command in the field. With MoGeFA, the Bundeswehr now has a highly mobile and powerful system with all the necessary capabilities for COMINT.

'At the time it was awarded, MoGeFA was the Bundeswehr's largest project ever awarded to a medium-sized company,' emphasises Dr Michaelsen, CEO of PLATH GmbH & Co. KG. 'It was also the first Bundeswehr project in which a specialised company from the reconnaissance industry, PLATH, assumed the general contractor role for the entire platform. We are proud to have now completed this important major project within the agreed time frame and budget, thus assisting the Bundeswehr in fulfilling its security mission.'





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INTRACOM DEFENSE (IDE) is a highly acclaimed Defense Systems Company in Greece, with an outstanding record of participation in domestic programs and exports to quality-driven international customers.

IDE utilizes high-end technologies in the design and development of advanced products in the areas of Missile Electronics, Tactical IP Communications, Integrated C4I Systems, Surveillance, Hybrid Electric Power Systems, and Unmanned Systems. The Company retains its international recognition through the long standing participation in European and NATO new technology development programs. Utilizing advanced production capabilities and large-scale project management know-how, IDE is a key player in the high technology sector of the Hellenic Defense Industry.



www.intracomdefense.com