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It is with immense pride that we introduce Aeromag - Joint Forces, a new platform born out of the need to reflect a rapidly transforming and interconnected global defence landscape.

In an era where operations are increasingly joint, networked, and technology-driven, the boundaries between domains are fading. Air, land, sea, space, and cyber capabilities now function as an integrated whole, and it is this convergence that Joint Forces seeks to capture.

Drawing on Aeromag's long-standing legacy in aviation and defence journalism, this new initiative expands our scope to cover the entire defence ecosystem. From frontline platforms to emerging technologies, from policy perspectives to operational insights, Joint Forces aims to bring together the voices that matter in an increasingly interconnected world.

As a monthly publication with a global outlook, Aeromag - Joint Forces will serve as a strategic platform for industry leaders, policymakers, and innovators to share insights, showcase capabilities, and engage with an international audience. Our focus is clear, to deliver high-quality content that reflects the scale, complexity, and rapid transformation of today's defence landscape. Our presence will extend beyond print, with Show Dailies at major international exhibitions and a weekly newsletter ensuring continuous engagement with our readers.

Joint Forces is more than a publication - it is a platform for collaboration, visibility, and influence. We invite organizations, industry leaders, and experts to leverage this platform to present their innovations, share their perspectives, and engage with a worldwide defence community.

As we launch this new chapter, we remain committed to excellence, credibility, and global reach. I look forward to your continued support in making Aeromag - Joint Forces a definitive voice in the international defence arena.

Sunny Jerome
Managing Editor

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AI, Autonomy and the New Battlespace

Unmanned Aerial Vehicles (UAVs), once primarily used for aerial surveillance, are now central to a wide spectrum of battlefield operations, including target acquisition, artillery correction, logistics support and electronic warfare. This evolution reflects changing tactical realities rather than mere technological advancement. In increasingly complex and contested environments, drones provide a critical advantage by enabling force projection while reducing risk to personnel.

The Changing Face of Warfare

A defining feature of modern conflict is the growing demand for real-time situational awareness across high-risk and denied environments. Lightweight, high-endurance drones equipped with multi-sensor payloads can deliver actionable intelligence within seconds of deployment. This capability significantly shortens the sensor-to-shooter loop and enhances decision-making at the command level, allowing forces to respond with greater speed and precision.

From Recon Tools to Combat Enablers

Advances in autonomy, artificial intelligence and endurance have transformed drones from simple reconnaissance assets into force multipliers. Today's systems range from man-portable platforms supporting platoon-level missions to larger vertical take-off and landing (VTOL) systems capable of providing persistent overwatch.

Their versatility allows them to undertake multiple roles, from surveillance and targeting to logistics and electronic warfare, effectively bridging gaps left by legacy systems. By reducing the need for human presence in high-risk zones, unmanned systems enhance both operational effectiveness and personnel safety.

Why Drones Dominate the Modern Battlespace

The rapid rise of drones is driven by their distinct technological advantages. These platforms offer extended endurance, with some tethered systems capable of monitoring specific areas for up to 50 hours, making them highly effective for border security and search-and-rescue operations.





Drones are also highly adaptable, able to be retasked quickly in response to evolving mission requirements. Their scalable range enables operations across both wide and confined environments. Equipped with advanced sensors and AI, they can detect and identify targets more quickly and at greater distances. Many systems are designed for stealth, operating with low noise and minimal radar signatures, enhancing their survivability in contested environments.

Lessons from the Frontlines

Recent conflicts have demonstrated the transformative impact of drone technology. The 2020 Nagorno-Karabakh war highlighted the effectiveness of loitering munitions and kamikaze drones in degrading air defence systems and influencing battlefield outcomes.

The war in Ukraine has further accelerated innovation, with rapid cycles of adaptation and counter-adaptation shaping modern drone warfare. It has also underscored the importance of scalable production and deployment. Meanwhile, the use of low-cost, 3D-printed drones in Myanmar has shown how such

technologies can offset conventional military advantages and alter tactical dynamics.

The Rise of Counter-Drone Warfare

As drones proliferate, countermeasures are evolving in parallel. Nations are developing layered counter-UAS architectures that integrate detection, tracking and neutralisation capabilities. However, these systems face challenges as drone technologies continue to advance.

To evade defences, drones increasingly employ advanced navigation, AI-driven adaptability and techniques such as frequency hopping to counter jamming and spoofing. Low-altitude flight paths and electronic warfare capabilities further enhance survivability. Simpler innovations, such as fibre-optic tethering for guidance, have also proven effective.

India's indigenous counter-UAV systems, incorporating both soft- and hard-kill measures, have demonstrated the importance of a layered defence approach in countering aerial threats during





recent hostilities.

Rethinking Military Operations

The expanding role of drones is reshaping military doctrine, procurement strategies and operational planning. Armed forces are increasingly integrating unmanned systems into combined arms operations, emphasising modularity, portability and rapid deployment.

At the same time, the widespread adoption of drones is influencing training, maintenance, airspace management and logistics. These shifts require a comprehensive re-evaluation of traditional operational frameworks to fully harness the potential of unmanned systems.

What Lies Ahead

Drones have evolved from niche assets into strategic enablers of modern warfare. The future will see deeper integration of autonomy, AI-driven decision support and resilient communication systems, expanding their role across mission sets

and enhancing coordination with manned platforms.

As innovation continues, the interplay between capability development and countermeasures will intensify. In this rapidly evolving battlespace, adaptability, interoperability and speed of technological advancement will be critical in maintaining a decisive edge. ■





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Electronic Warfare: Winning the Invisible Battle



In tomorrow's battlespace, victory may be determined long before the first shot is fired, through control of the electromagnetic spectrum (EMS). As modern warfare becomes increasingly networked and data-driven, dominance in this invisible domain has emerged as a decisive factor in military success. From communications and radar to cyber systems and sensors, the EMS underpins every aspect of contemporary operations.

The Foundation of Modern Combat

Electronic Warfare (EW) is the use of electromagnetic energy to disrupt, degrade, or destroy an adversary's ability to operate

within the spectrum. Spanning radio waves, microwaves, infrared, and visible light, the EMS is both a critical enabler and a contested battlefield.

Today's armed forces must not only ensure seamless communication and coordination, especially in coalition operations, but also prevent adversaries from exploiting the same spectrum. This challenge is further intensified by the convergence of EW with cyber operations, making resilience and protection of critical infrastructure more important than ever.

The Three Pillars of Electronic Warfare

Electronic Warfare is broadly divided into three core areas:

L3Harris Demonstrates Autonomous EW Capability in U.S. Army Test



L3Harris Technologies successfully demonstrated an advanced autonomous electronic warfare (EW) capability during a recent U.S. Army experiment, showcasing its ability to detect, locate and neutralize threats in real time.

The demonstration featured the compact, software-defined Deceptor™ EW payload deployed on multiple unmanned aerial systems. Operating within the Distributed Spectrum Collaboration and Operations (DISCO™) ecosystem, the Deceptor system enabled coordinated, AI-enabled sensing and

effects across the battlespace. The integrated system also detected and geolocated radio frequency (RF) threats, fused data from multiple sensors in real time, and executed RF jamming to neutralize those threats.

"Electronic warfare is uniquely suited for autonomy, where speed and scale in the RF spectrum are decisive," said Lauren Barnes, President, Spectrum Superiority, Communications & Spectrum Dominance, L3Harris. "Our work is focused on delivering autonomous EW capabilities that reduce operator burden while increasing operational advantage."

Deceptor leverages commercial off-the-shelf hardware to enable rapid integration across unmanned air, ground and maritime platforms through a modular, open-system design. The small form factor design meets the size, weight, power and cost requirements of modern distributed systems, which enables deployment at scale across thousands of unmanned platforms to deliver distributed EW effects.

L3Harris continues to build on more than a decade of investment in compact EW technologies. Upcoming demonstrations will further integrate Deceptor with other EW solutions to deliver coordinated effects across multiple domains and platforms.

Arexis: Saab's Next-Generation Electronic Warfare System



Modern air combat demands far more than reactive electronic warfare. In today's dense and contested electromagnetic environment, survivability depends on anticipating threats before they materialise. This is where Arexis, Saab's next-generation electronic warfare (EW) suite, delivers a decisive edge, combining advanced self-protection with powerful electronic attack capabilities to ensure fighters remain ahead of evolving threats.

At its core, Arexis is designed to provide proactive dominance. By detecting, identifying, and countering threats in real time, it allows pilots to focus on mission execution rather than system management. The system integrates data from multiple sensors, processing and presenting it in a clear, actionable format that enhances situational awareness and decision-making in high-pressure environments.

- Electronic Attack (EA): Disrupting, denying, degrading, destroying, or deceiving enemy systems.
- Electronic Protection (EP): Safeguarding friendly systems from jamming or deception.
- Electronic Support (ES): Detecting and analyzing signals within the spectrum to build situational awareness.

Together, these functions enable forces to sense, decide, and act faster than their adversaries.

Integrated Warfare in a Multi-Domain Environment

Modern conflicts demand the integration of EW with

Proven in operational settings, Arexis has been selected for the Saab JAS 39 Gripen E/F, underscoring its effectiveness and maturity. Its modular architecture, compact footprint, and software-driven design simplify integration across platforms, addressing one of the most complex challenges in modern fighter upgrades. This flexibility also enables cost-efficient upgrades and reduced lifecycle costs, supported by a growing global user base.

A key strength of Arexis lies in its radar warning and electronic support capabilities, which deliver a comprehensive picture of the battlespace, not only to the pilot but across networked forces. This shared awareness can determine whether a mission proceeds or aborts, providing the tactical clarity required in contested airspace.

Beyond protection, Arexis brings offensive capability through advanced escort jamming and deception techniques. By disrupting and misleading adversary sensors, it creates critical windows of opportunity for mission success. AI-enabled automation further reduces pilot workload, while systems like air-launched decoys extend protection to high-value assets by detecting and suppressing threats at range.

In an era of rapidly evolving air defence systems, Arexis transforms electronic warfare from a defensive necessity into a force multiplier, ensuring fighters remain survivable, effective, and mission-ready.

intelligence, surveillance, and reconnaissance (ISR), cyber operations, and information operations (IO). This convergence supports Joint All-Domain Operations (JADO), where coordinated effects are delivered across air, land, sea, space, and cyber domains.

By combining these capabilities, militaries can disrupt adversary systems before and during engagements, creating a decisive operational advantage. AI-powered tools further enhance this capability by filtering through the complexity of the spectrum and enabling faster, more accurate decision-making.





Radar and the Contested Spectrum

Radar systems are central to EMS operations, enabling detection, tracking, and classification of targets. However, they operate in a highly contested environment. Adversaries employ electronic countermeasures such as jamming and deception techniques, including Digital Radio Frequency Memory (DRFM), to create false targets and disrupt radar performance.

To counter these threats, modern radar systems are evolving with features such as frequency agility, advanced signal processing, and machine learning algorithms. This constant evolution reflects a “cat-and-mouse” dynamic between offensive and defensive capabilities in the electromagnetic domain.

The Role of AI and Future Trends

The integration of artificial intelligence (AI) and machine learning (ML) is transforming electronic warfare. These technologies enable real-time analysis of vast amounts of spectral data, allowing systems to identify threats, adapt to changing conditions, and deploy countermeasures autonomously.

This not only enhances platform survivability but also reduces the cognitive burden on operators, enabling quicker and more informed decisions in high-intensity environments.

Why Electronic Warfare Matters

Adversaries rely heavily on the EMS to plan and execute operations. Disrupting this reliance can neutralize threats before kinetic engagement begins. Through the convergence of EW, cyber, ISR, and information operations, modern militaries are shifting toward a model where control of the spectrum equates to control of the battlefield.

In this evolving landscape, electronic warfare is no longer a supporting function, it is a frontline capability. Mastery of the electromagnetic spectrum will define the outcomes of future conflicts, making EW a cornerstone of modern military strategy.

Looking Ahead

As warfare continues to evolve into a highly networked, multi-domain construct, control of the electromagnetic spectrum is emerging as a decisive factor in determining mission success. Electronic Warfare is no longer confined to support roles, it is a central pillar of modern combat, enabling forces to disrupt adversaries, protect critical systems, and gain superior situational

Indra to Supply EW and Radar Systems for Germany-Norway Submarines



Indra has signed a new contract with Kongsberg Defence & Aerospace (KDA) for the supply of electronic warfare and radar systems for the six additional submarines of the Type 212CD programme to be incorporated by Germany and Norway into their fleets.

This new agreement continues the programme already under way, under which Indra is supplying the same capabilities for another six submarines, also destined for these two countries.

The company will equip the submarines with its electronic warfare system, based on full digital technology, and its advanced radar.

Indra’s systems will provide critical capabilities for protection, surveillance and superior situational awareness, helping to ensure maximum operational effectiveness in highly demanding environments.

Ana Belén Buendía, Indra’s Head of Naval Business Unit, said that “with the signing of this new contract, Indra consolidates its role as a key technology partner in one of the most advanced naval programmes in Europe, which is of strategic importance for Germany, Norway and the European defence industry as a whole”.

The Type 212CD is a next-generation conventional submarine featuring air-independent propulsion (AIP), with a common design for both countries. It has been conceived to reinforce the protection of North Atlantic waters and to ensure the highest level of interoperability with NATO.

With this milestone, Indra continues to advance its commitment to delivering cutting-edge technologies for next-generation naval platforms and to further strengthening European technological sovereignty in the defence domain. The company is one of Europe’s leading suppliers of naval systems for submarines operated by navies around the world.

awareness.

The growing convergence of EW with cyber, ISR, and AI-driven technologies is reshaping how militaries operate, shifting the focus from reactive defence to proactive dominance. In this dynamic and contested environment, the ability to sense, adapt, and act faster than the adversary will define operational superiority.

Ultimately, in the battlespace of the future, those who command the spectrum will command the fight. ■

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Geopolitical Faultlines Shake Global Supply Chains

From blocked ports to volatile energy markets, supply chains face mounting uncertainty

The Russia-Ukraine war, coupled with tensions between the U.S., Israel, and Iran, is exerting significant pressure on global supply chains, disrupting trade routes, inflating costs, and revealing underlying weaknesses across industries. These challenges come on top of existing strains from earlier disruptions such as the pandemic and global trade frictions. As a result, the movement of goods, energy, and critical resources is being reshaped, prompting governments and businesses to reconsider established supply chain strategies.

Ukraine War: A Prolonged Disruption to Global Trade

The Russia-Ukraine war has had far-reaching consequences for global supply chains, particularly in the movement of essential commodities and industrial goods. The conflict has led to sanctions on Russia, disruptions in logistics, and the blocking of key Ukrainian ports, all of which have hampered the smooth functioning of global trade routes.

One of the most severe impacts has been on food supply. Russia and Ukraine together account for a substantial share of global agricultural production, including around one-third of the world's wheat, a quarter of barley, and approximately 75% of sunflower oil. With Ukrainian farmland disrupted and export routes constrained, the availability of these essential commodities has been significantly affected. This has raised serious concerns about food security, particularly in low-income countries that rely heavily on imports from the region.

The consequences extend beyond agriculture. The war has also disrupted the flow of raw materials, electronic components, and industrial inputs, many of which are critical for manufacturing sectors worldwide. As a result, companies have been compelled to recalibrate their supply chains, diversify sourcing strategies,

and in some cases, reconsider their entire production ecosystems.

These disruptions have created ripple effects across industries, contributing to rising costs, supply shortages, and increased uncertainty. What began as a regional conflict has thus evolved into a global supply chain challenge with long-term implications.

From congested ports to volatile energy markets, the world's supply chains are under unprecedented pressure. As conflicts in Ukraine and the Middle East intensify, the flow of goods, fuel, and critical materials is being reshaped in real time, revealing just how fragile and interconnected global trade has become.

Iran Conflict: Energy Markets at the Core of Disruption

Parallel to the Ukraine war, the U.S.-Israel-Iran conflict has introduced a new layer of instability, particularly in global energy markets. The situation has been exacerbated by attacks on critical energy infrastructure and the effective closure of the Strait of Hormuz, one of the world's most important maritime chokepoints.

The Strait of Hormuz is a vital artery for global energy trade, with a significant portion of the world's crude oil and liquefied natural gas passing through it. Any disruption in this route has immediate and far-reaching consequences. Military escalation in the region has already led to interruptions in oil and gas shipments, triggering sharp increases in energy prices.

The scale of the disruption has been considerable. Multiple energy assets, including refineries and gas fields, have been targeted, with a substantial portion of global LNG capacity



affected. Damage to major facilities is expected to take years to repair, which could lead to prolonged instability in energy markets and a sustained recalibration of global energy supply chains.

This situation has also created shifts in global energy dynamics. Increased demand for alternative suppliers and changes in trade flows are likely to redefine energy partnerships and supply routes in the coming years.

Rising Energy Costs and Their Cascading Effects

Energy is a fundamental component of global supply chains, influencing transportation, manufacturing, and logistics. As oil and gas prices rise due to geopolitical instability, the effects ripple across the entire economic system.

Higher fuel costs directly translate into increased transportation expenses, making the movement of goods more expensive. Manufacturing processes, which rely heavily on energy inputs, also become costlier, reducing profit margins for businesses. These increased costs are ultimately passed on to consumers, contributing to inflationary pressures.

Industries such as shipping, aviation, and logistics are particularly vulnerable, as they depend heavily on stable fuel supplies. The current environment has therefore created significant challenges for supply chain professionals, who must navigate fluctuating costs and uncertain delivery timelines.

Shipping Disruptions and Logistical Bottlenecks

The conflicts have also disrupted global shipping routes, further complicating supply chain operations. Heightened security risks in regions such as the Persian Gulf have forced shipping companies to alter their operations.

Many vessels have been rerouted to avoid high-risk areas, often taking longer routes around Africa. While this ensures safety, it results in increased transit times, higher fuel consumption, and delays in delivery schedules. These changes have contributed to congestion at ports and created bottlenecks in global logistics networks.

In addition, rising insurance premiums due to war-related risks have further increased shipping costs. Maritime insurers have either raised rates or withdrawn coverage for certain routes, adding another layer of financial pressure on shipping companies. These costs eventually cascade through the supply chain, affecting businesses and consumers alike.

Raw Material Shortages and Industrial Impact

The Iran conflict has also disrupted the supply of critical raw materials, particularly those linked to energy and petrochemical industries. The region is a key exporter of products such as fertilisers, petrochemicals, and industrial feedstocks used in agriculture and manufacturing.

Disruptions in the transportation of materials like urea, sulphur, and petrochemical inputs have led to supply constraints, increasing production costs and affecting output levels. In agriculture, these disruptions contribute to higher input costs, which in turn lead to reduced yields and rising food prices.

This interconnectedness highlights how geopolitical events can have cascading effects across multiple sectors, from energy and logistics to agriculture and manufacturing.

A Shift Towards Resilient Supply Chains

The prolonged nature of these conflicts is prompting businesses to rethink their approach to supply chain management. Traditional models that prioritised efficiency and cost minimisation are increasingly being replaced by strategies focused on resilience and adaptability.

Companies are exploring diversification of supplier bases to reduce dependence on single regions. Increasing inventory buffers, nearshoring or reshoring production, and strengthening risk management frameworks are becoming common approaches to mitigate disruptions.

These changes reflect a broader shift in the global supply chain landscape, where resilience and flexibility are becoming as important as efficiency.

The Russia-Ukraine war and the U.S.-Israel-Iran conflict together represent a critical juncture for global supply chains. By disrupting key trade routes, destabilising energy markets, and creating shortages of essential commodities, these conflicts have exposed the fragility of interconnected global systems.

As the world navigates these challenges, the emphasis is increasingly shifting towards building more resilient and diversified supply chains. While the immediate impacts are being felt in the form of rising costs and delays, the long-term consequences are likely to reshape global trade patterns and industrial strategies.

In this evolving landscape, the ability to adapt to geopolitical uncertainty will be crucial for businesses and governments alike, as they work to ensure continuity, stability, and sustainability in global supply networks.

Artemis-II: A New Dawn in Humanity's Return to the Moon



The successful return of astronauts from the Artemis-II mission marks more than a technological milestone, it signals a fundamental shift in humanity's approach to lunar exploration. No longer driven by Cold War rivalries, this new era is defined by sustainability, scientific discovery, and long-term presence in deep space.

A Mission Beyond Legacy

Unlike the Apollo missions of the 20th century, Artemis-II represents the beginning of a sustained lunar campaign. As the first crewed test flight of NASA's Orion spacecraft and Space Launch System (SLS), the mission validated critical systems required for deep-space exploration. From life-support and navigation to communication systems, Artemis-II demonstrated that human missions beyond Earth orbit are once again viable and scalable.

The mission also reflects the increasingly global nature of space exploration. Technologies developed by Leonardo and its joint ventures, alongside contributions from European Space Agency partners such as Thales Alenia Space and Telespazio, are playing a critical role in enabling the mission.

At the heart of Orion is the European Service Module (ESM),

which provides propulsion, power, thermal control, and life-support essentials such as air and water, underscoring the collaborative framework that now defines deep-space missions.

One of the mission's defining features was its use of a free-return trajectory, allowing the spacecraft to loop around the Moon and safely return to Earth even in the event of propulsion failure, a key demonstration of reliability and mission safety.

Engineering Precision Under Extreme Conditions

The Artemis-II crew conducted a far-side lunar flyby, enduring communication blackouts while continuing scientific observations, proving the resilience of both human crews and onboard systems.

Re-entry remained the most critical phase. Following concerns raised during Artemis-I regarding heat shield performance, NASA modified the re-entry trajectory to reduce thermal stress. The spacecraft successfully withstood temperatures exceeding 2700°C, validating these improvements and reinforcing confidence in future missions.

The Road to a Permanent Lunar Presence

Artemis-II is only the beginning. The programme's roadmap outlines increasingly complex missions aimed at establishing a

sustained human presence on and around the Moon.

Artemis-III, scheduled for 2028, will mark humanity's return to the lunar surface for the first time since 1972, targeting the resource-rich South Pole. Beyond that, NASA plans annual missions supported by the Lunar Gateway and the eventual establishment of a permanent lunar base.

A defining feature of this new space era is the integration of private industry. Partnerships with companies such as SpaceX and Blue Origin highlight a shift toward collaborative, cost-efficient exploration models.

A New Global Space Paradigm

The modern space race is no longer a binary contest but a multi-polar, collaborative effort. Initiatives like the Artemis Accords emphasise transparency, interoperability, and the peaceful use of space, reflecting a broader transition from geopolitical competition to shared scientific and economic ambition.

As Roberto Cingolani, CEO of Leonardo, noted, space is increasingly becoming a strategic domain, not just for exploration, but as an enabling infrastructure generating critical data and capabilities for Earth. Developing a sustained presence on the Moon, he emphasised, will strengthen technological advancement, security, and industrial competitiveness.

Beyond Exploration: The Lunar Economy

Lunar exploration today spans scientific, economic, technological, and policy dimensions. From studying water ice at the lunar poles to unlocking resources such as Helium-3, the Moon is emerging as a gateway to future industries, including space logistics and tourism.

The Way Forward

The success of Artemis-II signals that humanity is moving beyond symbolic exploration toward building enduring infrastructure in space. It represents a shift from "flags and footprints" to long-term habitation and utilisation.



Ultimately, Artemis-II is not just a mission, it is a declaration that humanity is ready to build a sustained presence beyond Earth, laying the foundation for a new space economy and a future among the stars. ■



The Rise of Integrated Land Systems in Next-Gen Combat



As global security requirements become more complex, land defence is undergoing a significant transformation, accelerated by the digitalisation of operations and decision-making. The modern battlefield now demands integrated capabilities, enhanced speed, seamless interoperability, and systems capable of responding to multifaceted operational challenges.

The acquisition of Iveco Group's Defence business (IDV and ASTRA) marks a significant milestone in Leonardo's growth path as a leading player in the European land defence sector, a market with strong future growth prospects. In practical terms, Leonardo moves from providing integrated technologies to being able to offer complete platforms, combining vehicle components and electronic systems into a single solution within advanced, interconnected digital architectures.

From electronics to integrated platforms

Historically a benchmark in the development of electronic defence systems such as sensors and command-and-control systems, Leonardo now integrates these capabilities with IDV's expertise in the design and production of military vehicles. This creates a comprehensive industrial capability able to deliver "turnkey" solutions: from the vehicle itself to the electronic systems that form its operational brain, based on advanced software, real-time data processing, and modular digital

architectures.

This model strengthens Leonardo's role as an integrated industrial manufacturer (OEM – Original Equipment Manufacturer), with a portfolio covering tracked and wheeled platforms and high-performance operational solutions. The technological backbone consists of natively digital and secure electronic systems, capable of connecting sensors, defence systems, and command-and-control systems into a single integrated multi-domain ecosystem.

An example is the HITFACT (Highly Integrated Technology Firing Against Combat Tank) MkII turret mounted on the Centauro II armored vehicle which, thanks to full digitalization and state-of-the-art electronics, constitutes a "connected" system that continuously communicates with drones, sensors, and other units in the field. This enables it to gain a more situational awareness and to leverage information from other deployed systems. In a multi-domain context, it thus becomes part of an intelligent network that makes operations faster, more coordinated, and more effective.

Industrial synergies and technological development

The operation brings together complementary capabilities: on one hand, Iveco Defence's strengths in mobility, hull design, and vehicle integration; on the other, Leonardo's expertise in electronics, defence systems, secure digital technologies, and platform integration. This evolution enhances operational



efficiency, accelerates shared technological development, and expands commercial presence in high-potential markets, contributing to strengthening the global reach of the combined offering.

A key element is the industrial continuity with the Iveco-OTO Melara Consortium (CIO), owned 50% by IDV and 50% by OTO Melara (now Leonardo). This partnership, active for over forty years, has produced landmark programs for the Italian Army and beyond, such as the Centauro II armored vehicle, the Freccia Medium Armored Vehicles (VBM), and the Ariete vehicle upgrade program. With this acquisition, Leonardo consolidates control over the entire industrial value chain, further strengthening national development and production capabilities.

An integrated ecosystem for global security

The consolidation of land defence activities is part of a broader strategy aimed at integrating capabilities and platforms into a multi-domain offering. This vision is concretely embodied in Michelangelo Dome, an advanced integrated defence system that leverages proprietary capabilities, assets, and technologies across the air, land, sea, space, and cyber domains, relying on artificial intelligence, high-performance computing, cloud, and data fusion. Digital technologies act as a key enabler, allowing real-time data integration and the generation of advanced situational awareness across domains. In continuity with other strategic initiatives, such as the joint venture with Rheinmetall for the development of land defence systems, this contributes to building a competitive and integrated European industrial ecosystem.

Through these synergies with major international players – one of the cornerstones of the 2026-2030 Industrial Plan – Leonardo strengthens its role as a key player in the development of a comprehensive range of solutions: armored, amphibious, and tactical-logistics vehicles for defence, security, and civil protection; as well as Unmanned Ground Vehicles (UGVs), which are becoming increasingly central in modern operational scenarios. The integration of platforms and digital technologies also enables expanded applications in dual-use domains, both civilian and military, from security to emergency management.

Beyond reinforcing Leonardo's role as a global security player, the acquisition promotes technological innovation, skills growth, and the enhancement of human capital, key elements for sustaining long-term competitiveness and ensuring stability, strategic autonomy, and the protection of communities. ■



GA-EMS Clears Pre-Ship Review, Advances EO/IR Weather Satellite Mission

General Atomics Electromagnetic Systems (GA-EMS) completed the pre-ship review (PSR) for its advanced electro-optical/infrared (EO/IR) payload supporting the U.S. Space Force Space Systems Command's EO/IR Weather System (EWS) program, clearing the payload for spacecraft integration and positioning the company as a prime contractor delivering end-to-end space mission capabilities. The payload closes the two highest-priority Space-based Environmental Monitoring capability gaps identified by the Joint Requirements Oversight Council: cloud characterization and theater weather imagery.

The EWS mission replaces the EO/IR capability of the aging Defense Meteorological Satellite Program (DMSP) and supports Department of War efforts to modernize legacy weather space architectures for cost efficiency. The system will deliver real-time weather imagery and advanced environmental intelligence to support mission planning, optimize flight operations, and enable joint force execution for theater of operations.

"Completing the pre-ship review demonstrates our advanced EO/IR payload's readiness for spacecraft integration and marks a major step forward for the EWS mission. This U.S.-designed and U.S.-built capability will deliver the real-time terrestrial environmental intelligence the joint force depends on for mission execution," Scott Forney, president of GA-EMS said.

The EO/IR payload provides 16 spectral bands, including a



high-resolution ultra-low-light day/night sensor, a significant improvement over the two main spectral bands provided by the DMSP satellites. This expanded spectral coverage delivers unprecedented atmospheric and surface observations, enabling more accurate weather forecasting, improved threat detection, and enhanced mission planning across all domains. The payload integrates advanced optical performance with a compact, modular architecture designed for affordability and scalable production, delivering legacy capability in a significantly smaller and lower-cost form factor, a critical advantage for the Space Force's disaggregated constellation strategy.

"This achievement showcases our ability to deliver innovative, agile solutions that adapt to evolving military requirements. GA-EMS creates the environmental intelligence layer that underpins modern joint operations and delivers expertise across the full spectrum of space mission execution, from payload design and spacecraft integration to on-orbit operations and data delivery," Klaus Etzel, vice president of GA-EMS Remote Space Sensing Systems said. ■

TKMS and Navantia Sign MoU to Boost Naval Cooperation

TKMS AG & Co. KGaA (TKMS), one of the world's leading providers of maritime defense solutions including conventional submarines, naval ships and innovative electronics solutions, and Spanish company Navantia S.A., SME (Navantia), one of Europe's market leaders in the design, construction and through life support of naval ships and submarines as well as combat systems integrator, have signed a Memorandum of Understanding to explore strategic cooperation on naval projects in Europe, NATO and worldwide. The agreement foresees potential production of TKMS designs, particularly submarines, at Navantia's shipyards in Spain.

Geopolitical developments in recent years have significantly increased demand for modern naval products. At the same time, there are considerable bottlenecks in shipyard capacity and technological resources across Europe. Against this backdrop, TKMS and Navantia intend to explore how closer industrial cooperation can help implement projects more efficiently, quickly, and cost-effectively. The parties have agreed to initiate management-level discussions based on mutual trust and in full compliance with all competition and export control regulations.

Oliver Burkhard, CEO of TKMS, says: "The signing of this Memorandum of Understanding is an important signal for European maritime defense. At a time when our customers' security requirements are growing and manufacturing capacity



is limited, it is crucial that European industrial companies collaborate more closely. TKMS and Navantia jointly have the expertise, infrastructure, and experience to overcome these shared challenges and strengthen the ability to deliver to our partner nations' armed forces."

Volkmar Dinstuhl, Chairman of the Supervisory Board of TKMS adds: "TKMS has been a global market leader in non-nuclear submarines for decades. We share Navantia's commitment to the highest quality standards and the clear goal of delivering quickly and reliably to our customers. This Memorandum of Understanding enables us to leverage synergies between our shipyard capacities and to act together as strong European partners." ■

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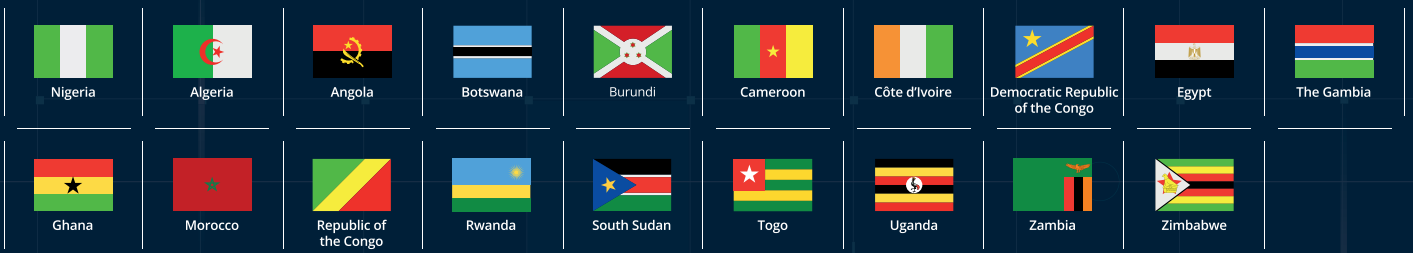
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French Navy Orders Five Additional CAMCOPTER S-100 UAV Systems



The French Navy, through the French Government defence procurement and technology agency (Direction Générale de l'Armement, DGA) and Naval Group, has ordered five additional CAMCOPTER® S-100 systems under the Navy's unmanned aviation programme. Naval Group, as prime contractor and lead system integrator, will deploy and integrate the systems on the *Frégates Européennes Multi-Mission (FREMM)* including mission management through the *Steeris® MS* system.

Each system consists of two CAMCOPTER® S-100 Unmanned Air Vehicles (UAV), increasing the French Navy's total fleet to eight S-100 systems, once deliveries are completed. The systems

will be delivered progressively, starting 2026.

The French Navy has operated and deployed the CAMCOPTER® S-100 globally at sea since 2012, when the system was first fully integrated aboard the Gowind-class *L'Adroit* Offshore Patrol Vessel (OPV). In 2019, it was integrated on the *Mistral*-class amphibious helicopter carrier *Dixmude*, marking the first operational integration of a rotary-wing Unmanned Air System (UAS) into a European naval Combat Management System (CMS). In 2020, the French Navy expanded its capability with the acquisition of two additional S-100 systems, deployed aboard the *Mistral* and *Tonnerre*.

The CAMCOPTER® S-100 provides maritime Intelligence, Surveillance and Reconnaissance (ISR) capabilities and is operated from naval vessels without the need for launch or recovery equipment. Its compact footprint and proven shipborne performance enable flexible deployment across a wide range of missions, and different classes of ships.

"The French Navy was among the first European naval forces to operationally integrate the CAMCOPTER® S-100 into its shipborne operations. This follow-on order reflects the system's capabilities, as well as maturity and the confidence placed in its performance at sea. We are proud to continue supporting the French Navy with a proven and operationally deployed VTOL UAS," said Lubos Sramek, Director of Schiebel Aéronaval SAS in Toulon. ■

HAVELSAN Completes FAT for Boeing 737 MAX Simulator for Turkish Airlines



Flight simulator manufacturer HAVELSAN has successfully completed the Factory Acceptance Test (FAT) for a Boeing 737 MAX full flight simulator (FFS) destined for Turkish Airlines, marking continued progress in its production pipeline for the national flag carrier.

The milestone represents the third Boeing 737 MAX full flight simulator manufactured by HAVELSAN for Turkish Airlines and it will join the six existing devices in operation which are all certified to EASA Level D standards.

Beyond device supply, the collaboration between HAVELSAN and Turkish Airlines extends to the joint operation of a Boeing type focussed flight training center in Ankara, which has been in operation since 2023.

"This milestone reflects the strength and continuity of our partnership with Turkish Airlines. Delivering our third Boeing 737 MAX full flight simulator demonstrates our shared commitment to building advanced, reliable pilot training infrastructure that supports the airline's ongoing growth. We are proud to contribute to Turkish Airlines' training capabilities through both our technology and our long-term collaboration," stated Mehmet Akif Nacar, Ph.D., CEO of HAVELSAN.

HAVELSAN has invested significantly in the development of Boeing-specific training devices, particularly for the Boeing 737 MAX platform, as airlines increasingly enhancing fuel-efficient aircraft types in their fleet strategies.

The latest FAT milestone also comes as HAVELSAN expands its production capabilities. In March 2026, the company broke ground on a new 17,000-square-meter Simulator Production and Integration Facility in Ankara. Scheduled to enter service in 2027, the facility will enable HAVELSAN to produce more than 30 simulators annually while supporting the simultaneous development of up to 16 devices.

As Turkish Airlines continues its growth trajectory and fleet expansion, HAVELSAN's role in supporting the airline's training infrastructure reinforces the strategic importance of domestic simulator manufacturing capabilities within Türkiye's aviation ecosystem. ■

HENSOLDT UK Secures Radar Contracts for Coastal Surveillance Systems

Sensor solutions provider HENSOLDT UK has secured two contracts with SRT Marine System Solutions Ltd (SRT), a UK-based civil-defence maritime surveillance systems company, to supply a total of 50 radar systems for deployment within integrated national coastal surveillance systems.

The systems will be delivered by SRT, with all deliveries scheduled for 2026. The radars will support enhanced monitoring and situational awareness across coastal environments, enabling authorities to detect, track and manage maritime activity effectively.

The systems are based on HENSOLDT UK's advanced Coherent Shore-Based Sensor solution, developed specifically for coastal surveillance. Designed to meet the demanding operational requirements of maritime security and government agencies, the solution delivers reliable performance in complex and dynamic coastal conditions.

At the core of the system is HENSOLDT's SharpEye transceiver technology, delivering high-performance surveillance capability. Its integrated upmast solid-state design ensures consistent performance, high reliability and reduced installation and maintenance requirements.

Adrian Pilbeam, Managing Director of HENSOLDT UK, said: "These contracts with SRT reflect the strength of our coastal surveillance offering and the confidence placed in our technology. We are focused on delivering dependable radar systems that provide operators with the clarity and reliability they need to



manage maritime activity safely and effectively."

Simon Tucker, CEO of SRT, said: "SRT integrated MDA system deployments are rapidly expanding and accelerating worldwide as sovereigns seek to establish and build up independent next-generation maritime surveillance capabilities. We are constantly seeking the best ISR systems from reliable providers for our systems, and this order demonstrates our confidence in HENSOLDT and its radars, which will both deliver excellent performance. We look forward to further developing this relationship in the years ahead."

The contracts reinforce HENSOLDT UK's position as a trusted provider of shore-based radar solutions, supporting maritime safety, security and environmental monitoring. ■

Raytheon Secures \$627M Patriot Deal with Netherlands

Raytheon, an RTX (NYSE: RTX) business, was awarded a \$627 million contract to supply the Netherlands with Patriot® air and missile defense system equipment.

The direct commercial sales contract includes radars, launchers, and command and control stations.

"Raytheon continues to partner with the Dutch government to modernize its integrated air and missile defense capabilities to deter aggression," said Pete Bata, senior vice president of Global Patriot at Raytheon. "Raytheon is accelerating production to deliver these critical systems quickly."

Backed by a world-class command-and-control system, Patriot is the only combat-proven ground-based air and missile defense capability that can defend against advanced long-range cruise missiles, tactical ballistic missiles, and the full spectrum of air-breathing threats. Patriot is the foundation of air defense for 19 countries, including nine European nations, and the system continues to demonstrate its effectiveness against advanced aerial threats and massive complex raid attacks.

Raytheon, an RTX business, is a leading provider of defense solutions to help the U.S. government, our allies and partners defend their national sovereignty and ensure their security. For more than 100 years, Raytheon has developed new technologies and enhanced existing capabilities in integrated air and missile



defense, smart weapons, missiles, advanced sensors and radars, interceptors, space-based systems, hypersonics and missile defense across land, air, sea and space.

With more than 180,000 global employees, we push the limits of technology and science to redefine how we connect and protect our world. With industry-leading capabilities, we advance aviation, engineer integrated defense systems for operational success, and develop next-generation technology solutions and manufacturing to help global customers address their most critical challenges. The company, with 2025 sales of more than \$88 billion, is headquartered in Arlington, Virginia. ■

Lockheed Martin Secures \$4.7B PAC-3 MSE Production Contract



The U.S. government awarded Lockheed Martin (NYSE: LMT) a multibillion-dollar contract to continue critical accelerated production of PAC-3 Missile Segment Enhancement (MSE). The \$4.7 billion undefinitized contract action (UCA) enables Lockheed Martin to advance production acceleration and deliver record numbers of combat-proven interceptors for American and allied forces this year.

The contract follows the landmark framework agreement

signed with the Department of War (DoW) on Jan. 6 to ramp up PAC-3 MSE production as part of the administration's Acquisition Transformation Strategy, and a decisive step that gives our warfighters an unmatched defensive shield.

PAC-3 MSE is the world's undisputed advanced air defense missile, providing a critical shield against a wide range of threats. Its performance has been proven in operations including Operation Epic Fury, where it continues to successfully defend forces and infrastructure. Today's announcement adds government funding to what industry has already invested to maintain strong munitions stockpiles, ensuring America and its allies continue to keep adversaries at bay.

"We are answering the nation's call with urgency and partnering with the DoW to accelerate PAC-3 MSE production faster than ever before," said Tim Cahill, president, Lockheed Martin Missiles and Fire Control. "Our investments in our facilities, workforce and supply chain ensure we can deliver at scale and with speed. With the right tools, proven processes and skilled employees in place, we are positioned to deliver a record number of munitions in support of the warfighter and our allies." ■

BAE Systems Secures \$146M Contract for M777 Cannons



BAE Systems has been awarded a \$146 million undefinitized contract to begin manufacturing M776 cannons for the U.S. Army's M777 Towed 155mm Howitzer.

This contract supports the Army's robust artillery capability needs and for the first time ensures a second source producer of M776 cannons—the main armament for the M777 system used in critical operations across the globe today.

Establishing U.S.-based second source production of the M776 cannon allows the Army to acquire necessary firepower at a much faster pace, further contributing to Soldier readiness and the resilience of America's defense industrial base.

"Our team is laser-focused on delivering top-tier capability

to equip the brave men and women who defend our nation," said Jason Casciotti, vice president of BAE Systems' Weapon Systems product line. "By partnering with the Army to expand manufacturing capacity of M776 cannons in the U.S., we're not just supporting their operational needs, we're strengthening America's industrial backbone and ensuring Soldiers always have the best tools for the mission."

The company continues to seek growth opportunities and make investments that fuel the defense industrial base. For this effort, the company's Louisville, Kentucky facility will play a key role in producing the cannons and their essential components. BAE Systems has a long-standing legacy of excellence in the region, having invested over \$60 million in the facility and its workforce in recent years to expand manufacturing capabilities.

These investments include:

- Advanced machining centers
- Upgraded heavy-lift cranes
- Increased test and assembly capabilities
- Enhanced weld equipment
- Welder training and onsite school facilities

The site has also been the trusted producer of several U.S. Navy programs, including the Mk 45 (127mm) and Advanced Gun System (155mm) barrels for decades. By leveraging this extensive expertise in producing critical and complex systems, the company is well-positioned to deliver on its commitment to the Army while minimizing risk and driving seamless production of M776 cannons. ■

Hanwha Aerospace Hosts NATO Envoys for Strategic Defence Dialogue

Hanwha Aerospace hosted permanent representatives from 30 NATO member states for the inaugural 'Hanwha-NATO PermReps Strategic Dialogue', presenting its next-generation defense vision spanning unmanned systems, manned-unmanned teaming, and satellite capabilities.

During the visit, the company briefed the delegation on its proven defense platforms, including the K9 self-propelled howitzer and the Chunmoo Multiple Rocket Launcher System.

Hanwha Aerospace supplies the K9 to six NATO member states, Poland, Finland, Estonia, Norway, Romania, and Türkiye, and holds the top global market share in self-propelled howitzers. The Chunmoo system has also been exported to Poland, Estonia, and Norway, further expanding the company's strategic cooperation with NATO.

The company also presented its localization strategy, which contributes not only to European defense capabilities but also to local economies and industrial ecosystems. Hanwha Aerospace has broken ground on H-ACE Europe, a production facility in Romania, and established a joint venture with Poland's WB Electronics for local production of Chunmoo guided missiles, deepening its integration into Europe's defense industrial base.

Jae-il Son, President & CEO of Hanwha Aerospace, said, "This visit reaffirmed the strong partnership between Hanwha



Aerospace and NATO allies. We will continue strengthening European security through local production, sustainment, and tailored defense solutions. Our goal is to become NATO's most trusted partner."

Hanwha Aerospace is a leading provider of advanced defense, aerospace, and industrial solutions with a global footprint across Asia, Europe, the Middle East, and the Americas. Its portfolio covers land, sea, air, and space domains, including artillery systems, armored vehicles, precision-guided munitions, aircraft engines, satellites, and space launch technologies. As a core affiliate of Hanwha Group, Hanwha Aerospace is dedicated to strengthening global partnerships through localization, co production, and technology transfer.

Elbit Systems Wins \$750 Mn Artillery Deal with Greece

At a ceremony at the Hellenic Ministry of National Defense in Athens, Israel's and Greece's defense ministries signed a landmark defense export agreement for the supply of PULS (Precise & Universal Launching System) rocket artillery systems to the Hellenic Armed Forces, valued at approximately \$750 million (approximately €650 million).

The ceremony was attended by Brig. Gen. (Res.) Yair Kulas, Director of SIBAT (International Defense Cooperation Directorate) at the Israel Ministry of Defense (IMOD); Maj. Gen. Ioannis Bouras, Director of the General Directorate for Defense Investments and Armaments (GDDIA) of the Hellenic Ministry of National Defense; Yehuda Udi Vardi, Executive Vice President and General Manager of Elbit Systems Land; and senior officials from both nations.

The agreement reflects the growing defense cooperation between Israel and Greece. It is part of the Ministry's ongoing strategy, led by Defense Minister Israel Katz and IMOD Director General Maj. Gen. (Res.) Amir Baram, to expand Israeli defense exports as a key tool for ensuring IDF force buildup and strengthening, advancing policy, and bolstering the defense industries and the economy.

The PULS is a versatile multipurpose weapons system designed to launch rockets over various ranges. The system will provide Greece with precise and operationally proven strike capabilities. Elbit Systems will serve as the prime contractor and will supply PULS launchers along with a comprehensive munitions package



that includes training rockets, precision-guided rockets for various ranges, and loitering munitions. The contract will be implemented over four years, followed by an additional ten-year period of sustainment and support. In line with both the IMOD's strategy and the Greek government's policy direction, the agreement will include industrial cooperation between the two countries and the production of system components by Greek defense industries.

VTT Expands Arctic Drone Test Centre with 150 km BVLOS Corridor



VTT Technical Research Centre operates a uniquely versatile Drone Test Centre in Northern Finland, defined by its extensive flight area, varied terrain, and diverse climate conditions. Together with VTT's experts, the site, over twice the size of Greater London, offers the possibility to test and develop the functionalities, performance, and Arctic capabilities of drones and drone swarms beyond visual line of sight – on land, water, and in the air. The vast flight zone enables safe testing, accelerates the development of new technologies, and advances new business opportunities.

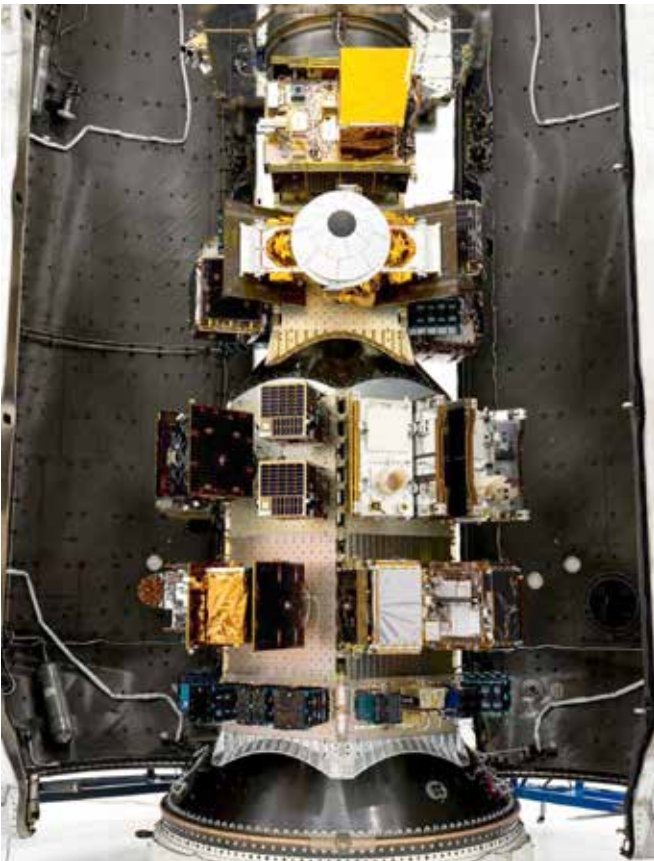
The commercial use of drones is on the rise, with use cases in the industrial sector, agriculture and precision farming, construction, healthcare, logistics, and rescue and surveillance operations. Located within the vicinity of the city of Oulu in Northern

Finland, VTT Technical Research Centre's test site provides access to more than 3,500 km² of designated Nordic test airspace over diverse terrain ranging from forests and fields to bodies of water and swamps – challenging the drones being tested there with the full breadth of Arctic operating conditions.

The diverse environment and the varying, and potentially extreme, weather conditions of the four seasons enable testing of drones designed to operate on land, underwater, and in the air, supporting the development of new technologies and real-world use cases in both the civilian and defence sectors. Companies can utilise the possibilities the area offers in collaboration with VTT.

"Drone services are on the rise as unmanned aircraft are ideal for improving the efficiency of, for example, logistics, surveying, and monitoring operations. The industry is developing quickly, intensifying the need for diverse test sites where drone functionality, sensors, safety, and airspace management solutions can be tested in real-world conditions. Test sites are crucial for the development and deployment of this new technology, ensuring its reliability and enabling new drone businesses. We support the product development of our customers with versatile technology expertise from sensors to power sources and material choices," says Timo Lind, Principal Scientist and Chief Drone Pilot at VTT.

ASELSAN Launches LUNA-2 IoT Satellite via SpaceX



ASELSAN, which resolutely carries its high-tech accumulation in the defense industry to the space domain, successfully launched its second satellite in the Space-Based Internet of Things (IoT) solution series, LUNA-2, into space via SpaceX from the state of California, USA on March 30, 2026.

In the global transformation process shaped by the New Space Age, ASELSAN continues to offer high added value to Türkiye's space ecosystem with its national engineering power and original system solutions. Studies carried out in a wide range, from satellite communication systems to mission payloads, from ground control infrastructures to platform solutions, further strengthen ASELSAN's strategic position in this field every day.

Despite its small size (Nano Satellite), LUNA-2 will provide secure sensor data even in the most remote corners of the world. The satellite will cover very large areas with very low energy consumption thanks to its special communication system (LoRa).

Solution Based on National Capabilities

The design, development, production, integration, and testing activities of LUNA-2 were entirely carried out by ASELSAN. The flight software, ground control software, LoRa transceiver card used as a payload, and data transmission device were developed with internal resources by ASELSAN engineers, creating a solution based on national capabilities.

The successful launch of LUNA-2 reinforces ASELSAN's competence in the space-based IoT field and provides a significant contribution to Türkiye's vision of independent, competitive, and sustainable space technologies.



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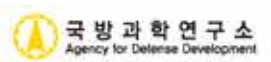
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Navantia, TGM Formalise Support Agreement for TCG Anadolu



Navantia and the Turkish Naval Shipyards General Directorate (TGM) formalized on 8 April, at TGM's facilities in Ankara, the signing of a framework maintenance agreement for the amphibious ship TCG Anadolu, built in Turkey from a Navantia design based on the LHD Juan Carlos I and on the ALHDs for Australia.

The agreement was signed by Alfonso Valea González, Navantia's Commercial Director for Europe and Turkey, on behalf of Navantia, and by Emre Dinçer, TGM's Director General, on behalf of the Turkish institution.

Under this agreement, Navantia will provide maintenance and repair services, technical support both on-site and remotely,

updates to technical documentation, and specialized training. It establishes a flexible contractual framework, allowing the Turkish Navy to request these services periodically or according to specific needs through requests for quotation, to ensure the optimal operational readiness of the ship's systems, devices and equipment. The agreement has a three-year term, renewable for a further three years.

TCG Anadolu, whose contract was signed in 2015, was built at SEDEF shipyards in Istanbul, with engineering support and technology transfer from Navantia. The contract also included the supply of five diesel generator sets, manufactured by Navantia's Engine Factory, and a platform control system (IPMS) developed by Navantia Sistemas.

During the signing, appreciation was expressed for the involvement and effort of all colleagues who have taken part in this process, and the commitment to continue collaborating in the future was reaffirmed. The spare parts supply contract for TCG ANADOLU has remained in force since 2023, further consolidating a successful and ongoing relationship between Navantia and TGM.

Indra Wins Deal to Equip Additional Type 212CD Submarines



- The company strengthens its long-standing relationship with Kongsberg Defence & Aerospace in one of Europe's most significant submarine programmes, which is of strategic importance to Germany and Norway
- This is the second series of submarines to be equipped by Indra with its latest-generation fully digital electronic warfare systems and state-of-the-art navigation radar, bringing the total number of platforms fitted with these capabilities to twelve

Indra has signed a new contract with Kongsberg Defence & Aerospace (KDA) for the supply of electronic warfare and radar systems for the six additional submarines of the Type 212CD programme to be incorporated by Germany and Norway into their fleets.

This new agreement continues the programme already under way, under which Indra is supplying the same capabilities for another six submarines, also destined for these two countries.

The company will equip the submarines with its electronic warfare system, based on full digital technology, and its advanced radar.

Indra's systems will provide critical capabilities for protection, surveillance and superior situational awareness, helping to ensure maximum operational effectiveness in highly demanding environments.

Ana Belén Buendía, Indra's Head of Naval Business Unit, said that "with the signing of this new contract, Indra consolidates its role as a key technology partner in one of the most advanced naval programmes in Europe, which is of strategic importance for Germany, Norway and the European defence industry as a whole".

The Type 212CD is a next-generation conventional submarine featuring air-independent propulsion (AIP), with a common design for both countries. It has been conceived to reinforce the protection of North Atlantic waters and to ensure the highest level of interoperability with NATO.

With this milestone, Indra continues to advance its commitment to delivering cutting-edge technologies for next-generation naval platforms and to further strengthening European technological sovereignty in the defence domain. The company is one of Europe's leading suppliers of naval systems for submarines operated by navies around the world.

Anschütz Expands Singapore Operations with New Bulim Square Facility

Singapore has long been a gateway to the world's oceans: a global shipping hub where people, cargo and innovation converge. For Anschütz, this strategic location has been a cornerstone of our global service network.

In response to rising demand in Asia and growing ambitions in both the civil and military sectors, Anschuetz Singapore is now taking its next major step by relocating to significantly larger and more efficient premises at Bulim Square.

Since its establishment in 2009, Anschuetz Singapore has grown into a team of around 40 specialists, recognised for technical expertise, responsiveness and a consistently high first-time fix rate.

From Singapore, we coordinate service operations throughout the South East Asian region, provide technical support and on-board service, and operate one of the largest spare parts hubs within the global Anschütz Group. Customers rely on Anschuetz Singapore for strong availability, fast deliveries and the confidence that their operations will resume quickly and reliably.

Training has also become a key pillar of the company's work. Crews, technicians and partners, including colleagues from across the Anschütz Group, come to Singapore to build skills, gain hands-on experience and prepare for safe, efficient operations.

In recent years, the site has taken on an expanded role in Integrated Bridge System (IBS) projects, including turnkey design, assembly, integration and testing. The naval sector also offers significant potential, with opportunities to further strengthen local capabilities, particularly in in-service support, while



deepening technical collaboration.

To support this growing scope, additional space was essential. The new premises at 3 Bulim Square provide modern office units, expanded training areas and a dedicated warehouse, increasing capacity for spare parts, staging and logistics.

More space means more possibilities: new hiring, greater inventory depth, faster project execution and improved delivery reliability, ultimately unlocking further growth and revenue potential. With excellent access to Singapore's major ports and a future-ready setup, Anschuetz Singapore is now stronger than ever in its mission to support customers across the region and beyond. ■

Elbit Systems Secures \$750M PULS Rocket System Deal with Greece

Elbit Systems announced, further to its announcement from December 16, 2025, that as part of an agreement between the Israeli Ministry of Defense and the Hellenic Ministry of National Defense, it was awarded a contract worth approximately \$750 million (€650 million) to supply Precise & Universal Launching System (PULS) artillery rocket systems to the Hellenic Armed Forces. The contract will be performed over a period of 4 years and will include an additional ten-year period of follow-on support.

As part of the contract, Elbit Systems will supply PULS launchers and a comprehensive munition package which includes training rockets, operational precision guided rockets for various ranges and loitering munitions. The PULS artillery system provides a comprehensive and cost-effective solution capable of launching unguided rockets, precision-guided munitions, and missiles with various ranges. The launcher is fully adaptable to existing wheeled and tracked platforms, enabling significant reductions in maintenance and training costs.

In accordance with the policy of the Greek government, Elbit Systems will collaborate with local Greek industries for the production of the system, including technology transfer and sharing of know how.



Bez halel (Butzi) Machlis, President and CEO of Elbit Systems: "Elbit Systems has a longstanding and successful cooperation with the Hellenic Ministry of National Defense, and this project further strengthens that relationship. Greece joins additional NATO countries that have selected the PULS system, underscoring its growing reputation as a highly effective and versatile solution for modern artillery requirements in Europe and beyond, and we are honored by the continued confidence shown in our advanced systems." ■

Liebherr Aerospace Secures MRO Contract with Envoy Air



Michigan (USA) and Envoy Air Inc., based in Irving, Texas (USA) have reached a definitive agreement for landing gear overhaul and systems maintenance on Envoy Air's Embraer 175-E1 fleet. Program overhauls will undergo complete "restoration" in accordance with Embraer's

requirements for continuing intervals of 30,000 flight cycles or 12 calendar years.

From the entry into service in 2004, the Embraer 170/175-E1 family aircraft have proven highly successful with 1,000 orders and current production backlog of 208 aircraft. Will Dew, Managing Director Commercial at Liebherr Aerospace Saline,

Inc. commented: "We are very pleased to welcome Envoy Air into our Liebherr network landing gear overhaul full support portfolio. We look forward to supporting Envoy Air's operations and contributing to the continued success of their E175 fleet."

In preparation for the extensive E175 overhaul campaign in the Americas region, Liebherr-Aerospace has invested significant resources over the past three years to structurally transform its landing gear MRO activities. The company continues to implement lean processes to enhance repair chain efficiency, increase first pass yield, and strengthen supply chain resilience, all while maintaining the highest quality standards.

The complete landing gear system for the Embraer E1 generation of E-Jets was developed and is manufactured by Liebherr-Aerospace Lindenberg GmbH (Germany), Liebherr's center of competence for flight control and landing gear systems. ■

EDGE, Indra Sign MoU to Develop Radar Systems in Brazil



EDGE, one of the world's leading defence and advanced technology groups, and Indra Group have signed a Memorandum of Understanding (MoU) to jointly explore the development and production of next-generation radar

systems in Brazil. The signing took place at LAAD Security 2026, being held from 14 to 16 April in São Paulo.

The agreement lays the groundwork for a tripartite strategic collaboration, combining Indra's recognised expertise

in radar technologies and systems integration, SIATT's industrial and technological capabilities, and EDGE's global reach in the defence market, together with its advanced manufacturing competencies.

The initiative paves the way for the creation of a new radar production ecosystem in Brazil, fostering the development of sovereign capabilities, technology transfer, and the creation of highly skilled jobs within the national defence industry.

This agreement is the latest chapter in a deepening strategic relationship between EDGE and Indra that has expanded steadily since 2023, encompassing joint ventures in Abu Dhabi for radar development and electronic warfare, and most recently agreeing to establish a new manufacturing facility in Spain for loitering munitions and smart weapons. The MoU signed today in São Paulo brings that growing partnership to Latin America. ■

GA-ATS, SVP Aerospace Partner on Do228 NXT Mission Data Solutions



General Atomics AeroTec Systems GmbH (GA-ATS) joins a strategic partnership with SVP Aerospace to provide comprehensive mission equipment solutions for reliable data transmission between the Do228 NXT special mission aircraft and various ground targets, including ships, vehicles, ground stations and other aircraft.

Flexible data transmission solutions for critical missions

With this partnership SVP Aerospace's proven technology, capable of transmitting up to four HD videos or one UHD stream with low latency and high stability, becomes available for the Do228 NXT aircraft and its ever-growing list of equipment options. The Spanish provider offers versatile data transmission equipment for defense, security and emergency operators worldwide.

The new mission equipment allows Do228 NXT operators to transmit a wide

variety of data, such as metadata, photos, videos, coordinates, live videos or infrared photos. The specific data and transmission paths can be selected individually.

Three advanced transmission pathways

The partnership delivers three distinct data link solutions that can be installed on the aircraft: IP Satellite DataLink, IP Cellular DataLink and AVS RF Antenna (Line of Sight). These can be installed individually or combined to offer the operator maximum operational flexibility.

IP Satellite DataLink provides global coverage for data transmission through satellite communication for operations in remote areas and extended ranges. The second option, IP Cellular DataLink, leverages standard cellular networks and SIM card technology, offering seamless 5G access. This option is particularly advantageous for the Do228 NXT, which

operates effectively at low altitudes where cellular coverage remains strong. Furthermore, the AVS RF Antenna enables direct line of sight communication with a range of up to 160 kilometers, providing a cost-effective and reliable option for operations within visual range.

Versatile platform for diverse missions

The Do228 NXT as a highly versatile platform, is capable of addressing a wide range of operational requirements. The aircraft's proven design and flight characteristics, combined with the advanced data transmission systems of SVP Aerospace provides full connectivity and real-time data transmission capabilities. This enables operators to conduct complex missions including surveillance and reconnaissance, maritime patrol, emergency response coordination, environmental monitoring, and search and rescue operations.

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GA-ASI Wins Contract to Boost Gray Eagle's ELINT Capabilities



The U.S. Army is upgrading its MQ-1C Gray Eagle® Extended Range (ER) with enhanced electronic intelligence capabilities via a contract awarded to General Atomics Aeronautical Systems, Inc. (GA-ASI). ELINT supports long-range sensing for the Integrated Air Defense System (IADS), providing critical information to ground commanders. This capability allows Gray Eagles to operate outside threat ranges while looking deeply into the battlespace and enables advanced manned-unmanned teaming to increase survivability for crewed Army aircraft.

"Combining long-range detection with the range and persistence of the Gray Eagle platforms ensures that commanders always know when an adversary IADS is operating," said GA-ASI President David R. Alexander. "Gray Eagle's open systems architecture makes this a simple but impactful upgrade."

The ELINT sensor identifies and geo-locates critical threats vital to Joint Force Operations. To further enhance the Gray

Eagle ERs electronic support capabilities, GA-ASI, along with Capability Program Executive Intelligence and Spectrum Warfare, will partner with SNC to integrate advanced radar detection and signal collection technology.

In addition to ELINT, the Gray Eagle ER has also been configured with modernized Communications Intelligence (COMINT), Synthetic Aperture Radar/Moving Target Indicator (SAR/MTI), and Mobile Ad Hoc Network (MANET) radios in multiple Army demonstrations, highlighting the platform's C5ISR Modular Open Suite of Standards (CMOSS) architecture. The aircraft also supports the integration of best-of-breed sensors, payloads, and weapons to rapidly adapt to threats or specific missions.

Gray Eagle ER was featured in the U.S. Army's Project Convergence Capstone-5 (PCC-5) last year. The multi-mission, multi-sensor Gray Eagle ER performed persistent Detect, Identify, Locate, and Report (DILR) missions in an electronically contested environment, simultaneously providing mesh network aerial tier support to maneuver units and connecting the soldiers and launched effects that might otherwise be obstructed by terrain or be out of range.

PCC-5 demonstrated Gray Eagle ER's ability to transform contact, fight, and survive capabilities, automating operator input with easy-to-use human-machine interfaces. Resilient to jamming while integrating and cross-cuing ELINT, COMINT, SAR, and Aerial Tier Network Expansion (ATNE), Gray Eagle ER enhanced the survivability of the maneuver forces while supporting the Combined Joint Task Force (CJTF).

Embraer Recognises Best Suppliers of 2025 at ESC 2026



Embraer recognized its best suppliers of the year in 10 award categories during the 2026 Embraer Suppliers Conference (ESC), honouring partners whose consistent execution and collaboration have been central to operational efficiency and strong performance in 2025 across its global supply chain.

"Embraer is navigating a period of strong market demand, consistent results and high ambition, within a global environment that calls for absolute synchronization," says Roberto Chaves, Executive Vice President of Global Procurement and Supply at Embraer. "In this context, the Embraer Suppliers Conference plays

a critical role in recognizing supplier performance and reinforcing alignment with partners who are essential to our operational efficiency and sustained performance."

Under the theme "Moving Forward as One", the 2026 Embraer Suppliers Conference highlighted the company's commitment to operating as a single, integrated value chain, reinforcing supplier relationships built on trust and consistent execution. "The strong results delivered by Embraer in 2025 reflect our ability to raise the bar on safety, quality and efficiency, together with our suppliers, to deliver strong performance and exceed customer expectations," Roberto points out.

The awarded suppliers also become part of the Supplier Advisory Council (ESAC), a strategic committee in which suppliers and Embraer's top leadership collaboratively discuss market trends and business opportunities, strengthening partnerships to drive mutual growth.

With a global supply chain spanning more than 60 countries, Embraer holds the annual awards to recognize supplier performance and reinforce long-term partnerships across its value chain.

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