



INDONESIA IS LAUNCH CUSTOMER FOR BAYRAKTAR KIZILELMA

...CONT'D TO PG 3

Turkish aerospace pioneer Baykar and Indonesian defense firm PT Republik Aero Dirgantara, known as Republikorp, have signed a landmark framework agreement for the export of the Bayraktar Kizilelma unmanned combat aerial vehicle.



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HAVELSAN Outlines Expansion Strategy, AI Integration and Southeast Asia focus

Dr. Mehmet Akif Nacar,
President and CEO, HAVELSAN

ASFAT, Magnaghi Aerospace to Jointly Produce Sky Arrow Aircraft in Türkiye

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MKE Integrates Tolga SHORAD with Hungarian UGVs

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ASELSAN Unveils New Electronic Warfare and Counter-UAV Solutions

On the second day of the ongoing SAHA 2026, ASELSAN launched new and advanced capabilities in the electronic warfare (EW) and counter-UAV domains, strengthening the capabilities of Steel Dome.



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The deal, finalized during the SAHA 2026 International Defense, Aerospace and Space Industry Fair in Istanbul, establishes Indonesia as the first international customer for the jet-powered, low-observable platform.

Under the terms of the agreement, Baykar will deliver an initial fleet of 12 Kizilelma aircraft to Indonesia starting in 2028. The contract includes provisions for four additional fleets, potentially expanding the total order to 60 units. Beyond the procurement of hardware, the partnership focuses on the establishment of local production, maintenance, and sustainment capabilities within Indonesia, reinforcing Jakarta's ambitions to develop a self-sufficient defense ecosystem.

The signing ceremony was a centerpiece of the SAHA 2026 exhibition, which featured over 1,700 companies and served as a platform for 164 separate defense-industrial agreements.

"We have signed the first export agreement for Bayraktar Kizilelma with Indonesia," stated Baykar Chief Executive Officer Haluk Bayraktar during the signing ceremony. "Our goal is to deliver a fleet of 12 units starting from 2028. The deal also includes options for an additional four fleets, equivalent to 48 more aircraft in the future." He further characterized the agreement as a historic milestone, noting that the platform represents a shift from conventional armed drones toward unmanned fighter jet technology.

The Kizilelma, which conducted its maiden flight in 2022, features a maximum takeoff weight of 6 tonnes and a payload capacity of 1,500 kilograms. It is designed with a low radar cross-section and high maneuverability, capable



of conducting air-to-air and air-to-ground missions. The aircraft also features short-runway take-off and landing capabilities, making it compatible with future Indonesian naval platforms or expeditionary airfields.

This acquisition marks a significant shift in the balance of aerial power. As regional neighbors modernize their air arms with manned fifth-generation fighters, Indonesia's move toward jet-powered UCAVs provides a cost-effective method to project power and maintain maritime security. Republikorp Group President Norman Joesoef remarked that the company was pleased with the agreement, emphasizing that the multi-billion dollar cooperation would strengthen Indonesia's role as a primary aerospace hub in the region.

This contract follows previous Indonesian procurements of Turkish platforms, including the Bayraktar TB2 and Akinci systems. By integrating the Kizilelma, the Indonesian National

Armed Forces aim to achieve a tiered unmanned capability, ranging from medium-altitude reconnaissance to high-end stealthy strike operations.

On the opening day of the event, Baykar unveiled the K2 Kamikaze Drone, the Sivrisinek Loitering Munition, and the Mizrak Intelligent Loitering Munition. The unmanned systems focus on AI-powered autonomy, swarm capability, and operation in GPS-denied environments. The K2, which has a payload capacity of over 200 kilograms, is designed for swarm operations in dense electronic warfare environments. Mizrak has a range of more than 1,000 kilometres and a payload capacity of over 40 kilograms. Sivrisinek, the smallest of the three, combines reconnaissance and strike missions for tactical operations. Baykar has led the global UAV market for the past three years, and in 2025, generated an export volume of US\$2.2 billion. The company has generated 90% of its revenue from exports in recent years.



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The Engine That Drives Growth: TÜBİTAK Signs Cooperation Deals with Turkish Companies

TÜBİTAK signed multiple cooperation agreements with major Turkish defence companies on the second day of the ongoing SAHA 2026, underscoring the critical role it plays in Türkiye's rapidly evolving defence ecosystem.

At the signing ceremony, Minister of Industry and Technology, Mehmet Fatih Kacır, lauded the collaborative spirit that exists among stakeholders in the Turkish interaction, including defence

industry giants, SMEs, technology start-ups, research centers, institutes, and laboratories. The interaction that has helped the domestic defence industry grow at a pace rarely seen elsewhere in the world should be strengthened, he said.

Localization of critical technologies is among the primary goals of the agreements between TÜBİTAK and local industry partners. Among the 14 strategic cooperation agreements signed in line with the "National Technology Initiative," two were with ASELSAN and one with ROKETSAN.

ASELSAN and TÜBİTAK UZAY signed a contract for using gyroscope equipment developed by ASELSAN in the İMECE-3

satellite developed within the scope of the TUGEP project. TÜBİTAK SAGE and ASELSAN will work together on the GÖKSUR full-shot missile development project. ROKETSAN and TÜBİTAK UZAY will strengthen cooperation in the field of satellite and space technologies.

TÜBİTAK SAGE and EHSİM Electronic Warfare Systems will commence feasibility studies to develop operational concepts in electronic warfare (EW). As part of the agreement signed with TEI, TÜBİTAK MAM would produce the turbine blades of the TF-10000, the first original national turbofan engine developed by TEI. TÜBİTAK will also work with TEI to improve thermal barrier coating processes for turbine blades, a key component of KAAAN's engine. An agreement signed by the Ministry of National Defense and TÜBİTAK Marmara Research Center intends to modernize the protection of shelters under the Ministry of National Defense to defend against chemical, biological, radiological, and nuclear threats.



Global Debut for Kayacı Defence's CELLAT USV

Turkish defence company Kayacı Defence's new generation kamikaze unmanned surface vehicle (USV), CELLAT, is attracting attention at the ongoing SAHA 2026.

The vessel was unveiled to the public in the presence of the Deputy Chairman of the Defense Industry Presidency, Prof. Dr. İhsan Kaya. According to company officials, CELLAT offers a powerful solution to the modern unmanned naval warfare concept with its low visibility capability, high speed, long range, and operational flexibility.

Developed entirely with domestic and national resources and through university-industry collaboration, the CELLAT USV is 5 meters long, has a speed of 50 knots, a range of 450 nautical miles, and is designed to carry a payload of up to 500 kg. The vessel is expected to strengthen Türkiye's unmanned maritime capabilities when it entered service.

CELLAT is capable of operating beyond



conventional range limits through satellite communication system integration. This allows the vehicle to reach distant targets under operator control or through autonomous mission profiles. According to company Chairman Hakan Kayacı, initial short tests of the new vehicle have been completed with additional testing to follow soon. The company is confident of getting the system mission ready within a few months.

CELLAT's introduction is in line with the latest trend of militaries moving away from manned assets toward unmanned systems. Ongoing conflicts have accentuated the critical importance of

unmanned surface vessels and other unmanned systems in modern warfare. Aerial and naval kamikaze drones, which are often cost-effective, fast, and autonomous, can be used either individually or as part of swarms for high-impact tactical and strategic strikes.

Kayacı Defence had earlier developed OKHAN, a high-speed, 11.4-meter autonomous unmanned surface vessel (USV) designed for coast guard, reconnaissance, and surveillance missions. Featuring a hybrid propulsion system, OKHAN, which was unveiled at DIMDEX 2024, achieves speeds up to 27 knots and a 400-nautical-mile range.

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International Demand Grows for MPG M4K 8×8 Armored Recovery Vehicle

MPG Machinery Production Group (MPG) is currently in discussions with potential international customers for its M4K Partially Mine-Protected Recovery Vehicle.

The company is highlighting the capabilities of the vehicle at the ongoing SAHA 2026. The armored, 8x8 military recovery units are designed for high mobility and recovery in challenging conditions. The locally produced vehicles have already been delivered to the Turkish Armed Forces.

“We delivered 62 units in 2018,” said Mevlut Samet Sezek, MPG Technical Purchasing Specialist. “We signed a new contact with the Turkish army last year to deliver 77 more units by the end

of 2027. The Armed Forces use it to rescue armored vehicles. We have not yet sold the vehicle internationally, but discussions are ongoing with some potential customers, some of them in the Middle East. Ukraine has also expressed interest in the vehicle.”

The rescue vehicle, weighing 46 tons, is suitable for all kinds of terrain and weather with 8-by-8-wheel configurations. The M4K has space for four people and can reach a speed of 80 kilometers per hour. It provides high protection against mines, improvised explosive devices (IED) and kinetic energy ammunition as well as anti-ballistic protection.

The Konya-based company also



produces specialized defense-focused robotic arms, including IED detection and disposal systems designed for mounting on armored vehicles. At the ongoing event, it is highlighting its missile transport and loading crane, the counter-IED detection and disposal robotic arm system, and the mine resistant ambush protected armored recovery crane that is designed for heavy recovery operations.

“We are working on new products that are tailored to meet the demands of our armed forces, but it is too early to talk about them,” said Sezek.

Debut for Norinco’s Modular Kamikaze Drone Launchers

The China North Industries Group Corporation, known as Norinco, has significantly expanded its footprint in the loitering munition market by unveiling a Common Launching Platform for Kamikaze Drones. Displayed prominently at the SAHA EXPO 2026 in Istanbul, this modular system reflects a strategic shift towards high-volume, containerized precision fires. The platform is designed to house and deploy multiple classes of loitering munitions, effectively bridging the gap between traditional tube-launched rockets and sophisticated unmanned aerial vehicles.

Advanced Loitering Munition Capabilities

At the centre of the exhibit are the FL-60A and FL-50A loitering munitions, which serve as the primary effectors for the new launching system. The FL-60A, also referred to as the Feilong-60A, features a rectangular fuselage and folding wings designed for volumetric efficiency within standard launch pods. It utilizes



a hybrid propulsion system, combining a solid-fuel booster for initial acceleration with a quiet electric motor for the loitering phase. This allows the munition to achieve a range of approximately 100 kilometres while maintaining a low acoustic signature during its terminal search phase.

Strategic Regional Defense Integration

The Norinco systems are increasingly engineered for networked combat

architectures. The FL-50A, a lighter antitank variant with a launch mass of approximately 37 kilograms, is capable of operating autonomously or as part of a wider sensor network. This “system-of-systems” approach allows the drones to act as forward scouts for artillery units, locating targets and allocating them between individual munitions to minimize overkill. This capability is of particular interest to Asia-Pacific nations seeking cost-effective methods to saturate defended areas without risking manned assets.

Norinco has marketed these systems as part of its “Thinking Swarm” concept, emphasizing their ability to penetrate deep into enemy systems while the launcher remains shielded by terrain. By offering a common platform that can be integrated onto various vehicle chassis, Norinco is positioning itself to capture a larger share of the regional defence budget, particularly among nations looking for alternatives to more expensive Western or local counterparts.

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HAVELSAN

Turkish Aerospace and Armelsan Sign Dipping Sonar Pact

Turkish Aerospace Industries and Armelsan have signed a Memorandum of Understanding that focuses on the technical integration of the Orkun 2053 dipping sonar system into the T625 Gokbey multirole utility helicopter. The MoU was signed on the opening day of the ongoing SAHA 2026.

The development marks a significant advancement in the indigenisation of maritime warfare capabilities within the Turkish defence ecosystem. The partnership aims to enhance the anti-submarine warfare profile of the Gokbey platform, which is increasingly being positioned for diverse naval operations.

The signing ceremony involved high-level representation from both entities. Key signatories included Turkish Aerospace Chairman Omer Cihad Vardan and General Manager Mehmet Demiroglu, alongside Armelsan Chairman Yetkin Karakash and CEO Can Emre Bakim.

The Orkun 2053 system is designed to operate at depths of up to 500 metres. The manufacturer stated that "unlike traditional ship sonars, Orkun 2053 eliminates the silence and invisibility of the



deeps" through high output power and innovative signal processing algorithms. This integration is expected to provide the Turkish Armed Forces with a domestic alternative to foreign-sourced dipping sonars, which are critical for detecting modern, quiet-running submarines.

For the Asia-Pacific region, this collaboration signals a shift in the global supply chain for maritime security technology. As regional powers in Southeast Asia seek to modernise their naval aviation wings amidst rising maritime tensions, the availability of a combat-proven, non-ITAR restricted sonar system from Turkey presents a viable strategic alternative. Turkish firms have aggressively expanded their footprint in Malaysia and Indonesia, and this latest technological milestone strengthens their competitive edge against established Western and

Russian suppliers.

The Gokbey helicopter, originally developed as a twin-engine 6-tonne class aircraft for civilian and paramilitary use, is now evolving into a sophisticated military asset. Industry analysts suggest that the integration of the Orkun 2053 will likely lead to increased export interest from nations looking to bolster their littoral defence capabilities. The project represents a broader trend of "end-to-end ecosystem" development within the Turkish industrial landscape, moving away from standalone platforms toward integrated mission systems.

The Orkun 2053 integration is scheduled to undergo flight testing following the completion of initial engineering studies, further solidifying the synergy between Turkey's primary aerospace contractors and specialised mid-tier defence firms.

ASELSAN Securing Superiority in the Electromagnetic Spectrum



Controlling radar pulses, radio transmissions and satellite uplinks or denying that control to an adversary, has become one of the more consequential capabilities a military force can possess. ASELSAN's latest additions to its electronic warfare portfolio launched at SAHA 2026 Exhibition in İstanbul address this with two systems that cover different corners of the same problem. ILGAR New Generation Mobile V/UHF Electronic Attack System targets communication infrastructure. KORAL AD Land-Based Mobile Radar Electronic Warfare (EW) System goes after radars.

ILGAR New Generation Mobile V/UHF Electronic Attack System

Military radios don't stay on a single frequency. They hop across hundreds of channels per second, a technique specifically designed to defeat conventional jamming. ILGAR counters this with reactive jamming: it detects the hopping pattern in real time and follows it, disrupting, delaying, or deceiving adversary communications before operators on the other end can react.

The system doesn't only attack. Its

integrated electronic support functions let it listen and locate first, building an accurate picture of adversary communication architecture before any engagement begins. Direction finding and position fixing run continuously, so that picture stays current. Allied frequencies are identified and protected throughout.

Configured across two vehicles covering separate frequency bands, ILGAR can conduct electronic attacks while moving. In fluid tactical environments, that mobility is not a convenience as a stationary emitter can easily become a target.

KORAL AD Land-Based Mobile Radar Electronic Warfare (EW) System

Where ILGAR disrupts communications, KORAL AD goes after the radars that make adversary weapons useful. It combines electronic support and electronic attack on a single mobile platform, identifying and classifying radar emitters before applying high-power jamming or deception against them.

The detection side is built for crowded

signal environments. KORAL AD tracks emitter positions in both azimuth and elevation continuously, updating its target list as the situation changes. When it attacks, it does so with focus. Mechanical tracking and fast target acquisition direct the system's output at specific emitters rather than broadcasting indiscriminately. The result is reduced detection range, degraded tracking, and disrupted targeting, for multiple threats simultaneously, at extended ranges.

KORAL AD contributes to the electronic warfare layer of Steel Dome, where its ability to identify and suppress air defense radars directly supports Anti-Access/Area Denial missions.

Neither system operates in isolation. ILGAR degrades the coordination that makes adversary forces effective; KORAL degrades the sensing that makes their weapons accurate. Used together, they compress what an adversary can know and what it can do with that knowledge. In a contested electromagnetic environment, that compression is often the difference between a coherent operation and a failing one.



ASFAT, Magnaghi Aerospace to Jointly Produce Sky Arrow Aircraft in Türkiye

Less than a year after signing a joint venture agreement to set up a maintenance, repair, and overhaul (MRO) center in Türkiye for aircraft landing gear used by Turkish Armed Forces air platforms, Turkish state-owned defence firm ASFAT and Italian company Magnaghi Aerospace (MAGroup) have decided to further strengthen their relationship.

On the second day of the ongoing SAHA EXPO 2026, ASFAT CEO Mustafa Ilbas and Magnaghi Aerospace founder and CEO Paolo Graziano signed a Letter of Intent for the joint production of the Sky Arrow aircraft in Türkiye. Designed and manufactured by Magnaghi, the tandem two-seat, single-engine, high-wing, pusher-propeller aircraft is built for flight training, reconnaissance, and aerial work. Sky Arrow is available in both manned and unmanned (UAV)

versions.

"This is going to be a very good collaboration," said Ilbas. "We know each other for a long time; we are going to do very good work together."



MA Group has been active in Türkiye since 2017, said Graziano. The partnership with ASFAT for the MRO center and the joint production of Sky Arrow opens up possibilities to capture not just the "huge" Türkiye market but also the international market. The joint production of Sky Arrow in Türkiye would help the country provide inexpensive basic flight training to pilots, he added.

"We established a joint venture with ASFAT to be here for a long time as an independent MRO company for landing gears. This is the place to be. It is not a choice, for us, it is fundamental for us to be in Türkiye with such a great partner."

ASFAT specializes in naval platform construction, armored vehicle production, and military maintenance. Magnaghi Aerospace is one of the select global manufacturers capable of designing, producing, and certifying complete landing systems. The MRO joint venture is to be established in Ankara.



Tusas Picks Havelsan's Kovan Platform for Human Resources Digital Overhaul

Turkish Aerospace Industries (Tusas) has selected Havelsan's Kovan platform to modernize and digitize its human resources management systems under an agreement signed at SAHA 2026.

The deal was announced during the exhibition at the Istanbul Fair Center, where both companies are showcasing defense and aerospace technologies.

Kovan, developed by Havelsan, will be used to manage Tusas's human

resources processes on a single integrated platform covering recruitment, performance tracking and career management.

The system is expected to support around 16,000 personnel across the company.

Havelsan said the software is designed to digitalize institutional processes through a unified business management system developed using more than two

decades of enterprise resource planning experience.

The agreement marks another domestic deployment for Kovan, which is already in use at several Turkish public institutions and defense-related organizations.

Users of the platform include the Presidency of Defence Industries, the Coast Guard Command, BOTAŞ, the Supreme Election Council, Teknopark İstanbul and DeltaV.

The software has also been exported to Azerbaijan in one of its first international sales.

Officials at the show said the system is intended to improve speed and coordination in administrative processes while increasing data tracking and workflow management capabilities.

The agreement reflects a wider push across Türkiye's defense industry toward digital transformation and integrated management systems as major defense

companies continue expanding production and workforce capacity.

HAVELSAN Outlines Expansion Strategy, AI Integration and Southeast Asia focus

In an interview during SAHA Expo 2026, HAVELSAN President and CEO **Dr. Mehmet Akif Nacar** discussed the company's expansion priorities, its shift towards AI-enabled systems, and growing engagement in Southeast Asia, including plans to establish a presence in Indonesia.

Edited excerpts from the interview:

Yulian Ardiansyah (GBP): Tell us a little more about the direction of your expansion programme.

HAVELSAN was established in 1982, and this year marks our 44th anniversary. Over the decades, we have consistently invested in specific technologies.

Currently, we operate across three main business areas. The first is command and control, including warfare management systems. The second is simulation and training systems, including flight simulators. The third is digital transformation, particularly e-government solutions and IT support for public institutions, with a focus on security-related organisations.

These three areas are converging under one umbrella. We are increasingly integrating existing technologies and leveraging them further upstream. For example, where a command and control system does not include AI, we can add an AI layer to make it AI-enabled.

Alternatively, when building systems from scratch, we can develop them using the latest technologies. Our work is largely software-intensive.

We also develop some electronic devices, but our main focus is on software, AI, and data-driven technologies, particularly in defence and other sectors.

At SAHA Expo, we have announced our third-generation autonomous vehicle, Barkan 3. We also introduced our combat management system, ADVENT AI, which builds on the previous ADVENT system but now incorporates artificial intelligence natively. It provides decision support at tactical, operational, and strategic levels, including fleet-level operations.

This is a data-integrated, network-centric product. We also offer an Air Force information system and joint systems. Our capabilities cover not only operational use but also training, including decision support through wargaming scenarios and exercises.

These systems allow users to simulate scenarios before operations and continue training AI during live operations. The AI can then recommend new approaches, engagement strategies, and plans. We are placing strong emphasis on network- and data-centric technologies.

What is the balance between your command and control business and simulation? Recently, it appears that you have been expanding in simulation, potentially competing with other companies.

It varies by project and year, but command and control remains our leading business area. However, simulation is growing, especially with the technologies we have applied to Airbus and Boeing narrow-body simulators.

We have also been awarded projects by Türkiye's flag carrier airline. Looking ahead, we plan to invest in wide-body platforms such as the A350 and the Dreamliner.

Our experience is not limited to military simulation; we are also active in the civilian sector. Many existing simulators in the market still use technologies that are 25 to 30 years old and require upgrades.

In our simulators, AI is already integrated. For example, pilot evaluation is supported not only by instructors but also by AI systems that assess training performance in detail. Workload management is also critical, including measuring pilots' cognitive workload. These are some of the advanced features we provide.

Could you elaborate on ADVENT AI CMS? The earlier ADVENT CMS has

been adopted by several Southeast Asian navies, including Indonesia. How difficult would it be to upgrade to the AI-enabled version?

Our combat management system has been exported to 10 countries across different continents, including Indonesia, Chile, Pakistan, Nigeria, Azerbaijan, and Türkiye.

Upgrading from the existing ADVENT system is straightforward. It mainly requires hardware enhancements, such as additional GPUs, and a software upgrade. The existing systems - command and control, radars, sensors, and other components - remain in place and connected.

The key change is at the software level, where AI models enhance decision support by providing more selective and informed recommendations to commanders.

So users of earlier ADVENT systems would not need to replace their current systems entirely?

As a system integrator, we do not replace existing systems unnecessarily. We build on top of them as long as they meet customer requirements. Full replacement is possible, but it may introduce integration challenges during implementation. Once

integration is complete, the system operates seamlessly.

You mentioned plans to open an office in Jakarta. Is this related to ongoing business or future expansion?

Both. We have ongoing projects and also plans for expansion. Establishing a local entity will allow us to hire Indonesian personnel and involve them in our projects, including technology development and work-sharing arrangements.

This approach can expand our business opportunities beyond national borders and enable collaboration with Indonesian partners in other markets.

Asia is a significant region.

Yes, Indonesia will be a key hub for us in this region. It is a large market with a strong base of educated engineers and technicians, and we see significant future potential.

Regarding system integration, using the Indonesian Navy as an example, its fleet includes a mix of legacy Eastern European, Soviet, and modern Western platforms. How challenging is it to integrate these into a single system?

This is precisely where ADVENT has proven its value. We have already

handled such cases. The Turkish Navy previously operated a mix of systems from different countries, and we successfully integrated them. We have applied similar experience in Pakistan and Indonesia.

Our strength lies in our independence from specific platforms, countries, or brands. ADVENT has been integrated across various platforms, sensors, and weapon systems, and it is a combat-proven solution.

Beyond Indonesia, are there developments in other Southeast Asian countries?

We are engaged with several countries in the region, including Malaysia, Vietnam, and the Philippines. We are presenting our solutions, sharing our expertise, and participating in tenders. Our activities in the region are ongoing and expected to grow further.

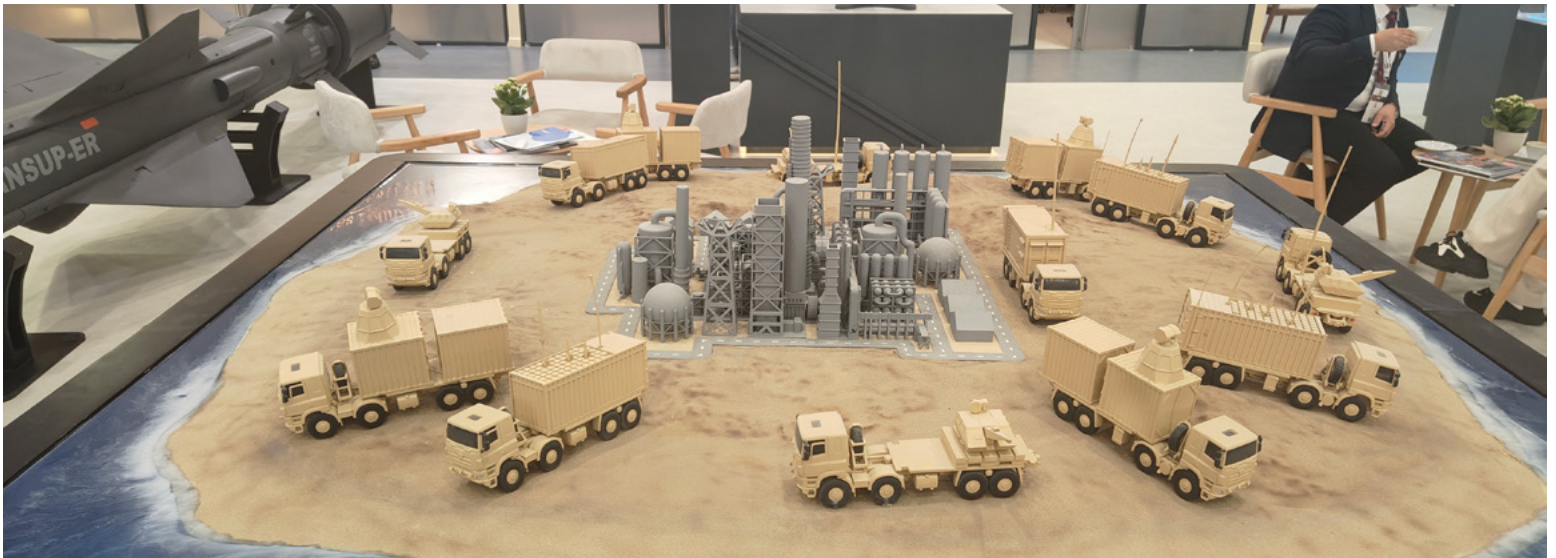
Founded in 1982, HAVELSAN is a Türkiye-based defence and information technology company operating under the Turkish Armed Forces Foundation (TSKGV). It focuses on developing systems for defence applications, as well as selected public-sector and commercial uses, particularly in areas requiring high reliability.

The company's work spans command and control systems, simulation and training technologies, autonomous platforms, and secure information systems. Its ADVENT combat management system is deployed across multiple platforms, while artificial intelligence is increasingly incorporated into both new developments and existing solutions.

HAVELSAN also produces simulation systems for air, land, and naval training, alongside efforts in unmanned and autonomous technologies across different operational domains.

Internationally, the company is active in close to 30 countries, with activities ranging from exports to collaborative programmes. Its development work is supported by ongoing research initiatives and partnerships with academic institutions.





UAE National Pavilion Buzzing with Activity

The United Arab Emirates National Pavilion has established a significant presence at the SAHA International Defence and Aerospace Exhibition (SAHA) 2026, held at the Istanbul Expo Centre. Opening its doors on 5 May 2026, the pavilion serves as a central hub for Emirati industrial capabilities, showcasing a wide range of advanced technologies to a global audience. The five-day event has already attracted thousands of industry professionals and decision-makers from over 120 countries, marking a strategic effort by the UAE to expand its footprint in the international defense market.

Supported by the UAE Ministry of Defence and the Tawazun Council, the pavilion is organized by the ADNEC Group to highlight the nation's "Made in the UAE" initiative. The exhibition space features seven prominent Emirati

entities, including EDGE Group, Calidus Group, Generation 5 Holding, and AAL Group. These companies are presenting integrated multi-domain solutions across land, air, sea, and unmanned systems, emphasizing the maturity of the Emirati defense industrial ecosystem and its ability to compete on a global scale.

The pavilion has already facilitated over 100 high-level strategic meetings on its opening day alone. These reports confirm that the delegation, led by Brigadier General Ahmed Al Zaabi, has welcomed senior military and diplomatic figures from nations including Kuwait, Oman, Iraq, Chad, and Mauritania. This diplomatic activity underscores the UAE's role as a growing defense partner for both regional neighbors and international allies seeking diversified supply chains.

The UAE delegation has been active in exploring new avenues for industrial collaboration, with a specific focus on technology transfer and joint manufacturing. A primary example of this global outreach is the deepening partnership with Brazil, particularly through the co-development of the MANSUP-ER long-range anti-ship missile system. This collaboration between EDGE Group and the Brazilian Navy represents a sophisticated integration of Emirati funding and Brazilian engineering, designed to provide a highly capable, cost-effective maritime strike solution for international export markets.

Industry analysts suggest that the success of Emirati companies in Istanbul may lead to increased partnerships with Southeast Asian aerospace firms in the coming years.

The Secretary General of the Tawazun Council, H.E. Dr. Nasser Humaid Al Nuaimi, stated during the event that the participation reflects a "strategic national direction to strengthen the global footprint of Emirati companies." He added that the council is focused on "enabling bilateral engagements with international defense companies and institutions, as well as exploring opportunities in joint manufacturing and the development of defense supply chains." These remarks highlight the UAE's intent to move beyond procurement toward becoming a global provider of defense technology.



MKE Integrates Tolga SHORAD with Hungarian UGVs



Mechanical and Chemical Industry Corporation (MKE) of Türkiye has reached a significant milestone in international defense cooperation by signing a Memorandum of Understanding (MoU) with the Hungarian-based firm HT Division. The agreement, finalized during the SAHA EXPO 2026 defense and aerospace exhibition, outlines the integration of the Turkish-developed Tolga Short-Range Air Defense (SHORAD) system and turret into unmanned ground vehicles (UGVs) developed by HT Division. This collaboration represents a strategic expansion of Turkish defense technology into the European market while enhancing the autonomous combat capabilities of Central European land

platforms.

The partnership focuses on combining MKE's proven expertise in weapon systems with the advanced robotics and autonomous chassis design of HT Division. By mounting the Tolga system onto unmanned platforms, both nations aim to address the growing demand for mobile, low-altitude air defense solutions capable of neutralizing threats such as loitering munitions and small tactical drones. This integration reflects a broader global shift toward hybrid warfare systems where unmanned platforms provide high-lethal defensive capabilities without risking human personnel in high-threat environments.

Strengthening Industry Ties

The MoU was signed under the scope of the SAHA 2026 event. The official statement from MKE noted that "With this MoU signed within the scope of SAHA 2026 the TOLGA Weapon System and Turret will be integrated into HT Division's UGV platform." This formalization follows a series of bilateral discussions aimed at strengthening defense industry ties between Ankara and Budapest, leveraging Hungary's position as a growing hub for defense manufacturing in the European Union.

Strategic analysts view this agreement as part of a wider effort by Turkish defense manufacturers to secure long-term partnerships within NATO's Eastern flank. By embedding Turkish technology into Hungarian platforms, MKE secures a foothold in the European defense ecosystem, potentially opening doors for similar collaborations in the Indo-Pacific where modular SHORAD systems are in high demand. The successful integration of the Tolga turret onto HT Division UGVs will likely serve as a technical demonstration for other nations seeking to automate their air defense layers.

T-KALIP Showcases Modular Blast-Attenuating Seats

T-KALIP, a manufacturer of the T-MAK series of mine blast-attenuating seats for land vehicles and crashworthy seats for helicopters, is showcasing its products at the ongoing SAHA 2026 exhibition.

Marking its second participation at the event, the company is highlighting the modular design of its seating systems, which are engineered to be adaptable across a range of platforms and operational requirements. According to the company, its products have now been exported to more than 36 countries, with total deliveries exceeding 50,000 units, reflecting steady demand in both domestic and international markets.

The T-MAK series is designed to enhance crew survivability in high-risk

environments, particularly in scenarios involving mine blasts or hard landings. The modular approach allows for easier integration into different vehicle types while maintaining compliance

with relevant safety and performance standards.

With an annual production capacity exceeding 10,000 units, T-KALIP also emphasises its in-house research and development capabilities. The company operates dedicated R&D facilities that support the design, testing, and validation of its products. These facilities include comprehensive testing and quality control processes, conducted in accordance with international and military standards.

T-KALIP is seeking to further expand its global footprint through its presence at SAHA 2026, while demonstrating the scalability and adaptability of its seating solutions to potential customers and partners.





China Bolsters Strategic Presence At Trade Show

The landscape of the global defense trade is witnessing a decisive pivot as Chinese industrial giants and specialized tech firms descend on Istanbul for SAHA 2026. This year's International Defence and Aerospace Exhibition, which commenced on 5 May 2026, features a record-breaking 125 Chinese companies, marking the largest Asian national contingent at the event. This surge in participation signals a strategic deepening of industrial ties between Beijing and Ankara, set against a backdrop of shifting procurement priorities across the Asia-Pacific and the Middle East.

Strategic Industrial Integration

The presence of major Chinese entities at SAHA 2026 reflects a broader effort to integrate into the burgeoning Turkish defense ecosystem, which is currently targeting an annual export volume of US\$8 billion. Among the companies leading the charge is Jiangxi Helicopter, showcasing advanced uncrewed systems and rotary-wing technologies, alongside Guizhou Hangrui Aviation, which is presenting precision-engineered components. These high-tier manufacturers are increasingly viewed as critical alternatives to Western

suppliers, particularly as regional powers seek to diversify their supply chains and acquire sovereign manufacturing capabilities.

Trade Diversification Dynamics

According to reports and official press releases from SAHA Istanbul, the 2026 edition has reached an unprecedented scale, hosting over 1,700 companies across a vastly expanded exhibition footprint. The influx of Chinese exhibitors is not limited to aerospace giants; it includes a significant number of specialized firms such as Grand Slipping, GTS Industrial Limited, and Joysun New Energy. These companies provide the foundational electronics and energetic materials essential for the next generation of autonomous platforms and missile systems currently being developed in both China and the Asia-Pacific region.

Regional Supply Chain Impacts

The heavy Chinese presence underscores a significant shift in the Asia-Pacific lens, where regional players are increasingly looking toward "interoperable digital infrastructure" and

"rapid manufacturing at scale." For Southeast Asian observers, the collaboration between Turkish and Chinese firms at SAHA 2026 provides a blueprint for how middle-tier powers can leverage Chinese industrial capacity to bolster domestic defense production. This trend is particularly relevant as nations across the South China Sea and the Indian Ocean reassess their security architectures and seek cost-effective, high-tech solutions in electronic warfare and uncrewed aerial vehicles (UAVs).

Geopolitical Market Balancing

While the United States and European nations maintain a strong presence, the 125-strong Chinese delegation represents a focused challenge to traditional Western dominance in the Mediterranean and West Asian markets. Industry analysts note that this "Master Technology, Shape the Future" approach allows Beijing to project influence through technological diplomacy. By establishing deep-rooted industrial partnerships in Türkiye, Chinese firms are effectively creating a gateway for their systems to enter wider markets that were previously the exclusive domain of NATO-standard equipment.

HAGAT Highlights Rocket and Munition Portfolio



Turkish firm HAGAT Defense Technologies is presenting a range of rocket and munition solutions spanning artillery and aerial platforms, with a focus on compatibility and modular design.

Central to the display is the company's 122 mm rocket developed for multiple launch rocket systems (MLRS) based on the widely used Grad platform. HAGAT offers the rocket in two range variants: a

standard 20 km version and an extended-range model reaching up to 40 km. Both are intended to provide operators with flexible options depending on mission requirements, while maintaining interoperability with existing launcher infrastructure.

The company is also showcasing a selection of warhead options tailored for its rocket systems, covering different operational effects. In parallel, HAGAT is

presenting its work in conventional artillery munitions, including high explosive (HE) warheads designed for 155 mm projectiles, aligning with NATO-standard calibres commonly used across allied forces.

Beyond ground-based systems, HAGAT is expanding into air-launched munitions. Its portfolio includes munitions designed for unmanned aerial vehicle (UAV) operations, reflecting a broader industry shift towards integrating precision and lightweight payloads into drone platforms. The company is also producing 2.75-inch folding fin aerial rockets (FFAR), a widely adopted calibre compatible with a variety of aircraft and helicopter rocket launchers.

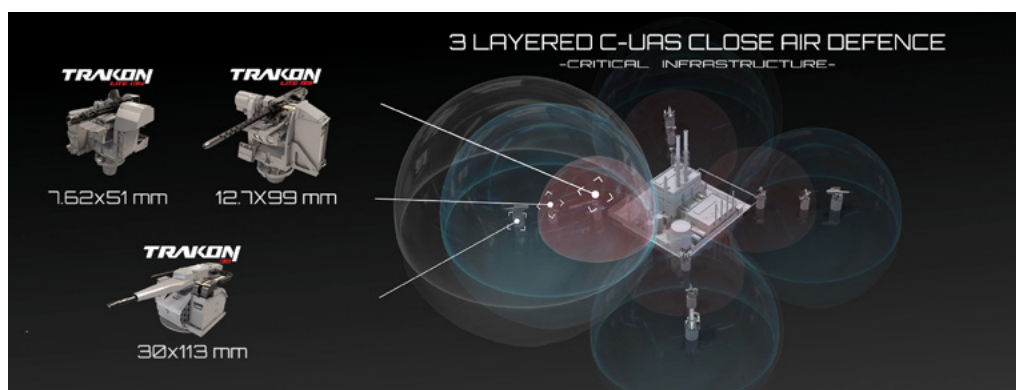
HAGAT's current approach remains centred on conventional, unguided munitions. This focus reflects existing demand and production priorities, particularly among operators seeking cost-effective and readily deployable solutions. At the same time, the firm is not ruling out future development of guided versions, suggesting that such capabilities could be introduced in line with evolving customer requirements and market conditions.

SYS Group Unveils M3 FALCON and Highlights C-UAS Architecture

Samsun Yurt Savunma (SYS Group) is presenting its latest weapon systems and integrated defence solutions, led by the public debut of the CANiK M3 FALCON heavy machine gun.

The M3 FALCON, chambered in 12.7x99 mm, has been developed with aerial platforms in mind. The system features an open-bolt design intended to mitigate overheating, alongside a high rate of fire and an architecture designed for reliability and adaptability across operational environments. It forms the centrepiece of SYS Group's showcase, reflecting the company's focus on high-performance weapon systems.

Alongside the new machine gun, group subsidiary UNIROBOTICS is emphasising its Distributed Mobile Layered Air Defence Architecture, designed to address evolving counter-unmanned aerial system (C-UAS) requirements. The concept adopts a decentralised



approach, enabling multiple independently deployed units to operate in coordination without reliance on a single command node.

The architecture integrates TRAKON remote controlled weapon stations, CANiK heavy machine guns, and the VENOM LR medium-calibre cannon, providing layered engagement across different ranges. The system is positioned as a scalable and cost-effective solution

against threats such as drone swarms and loitering munitions.

SYS Group is using the exhibition to underline its broader strategy of combining product development with international partnerships. The company is participating alongside its ecosystem firms, including CANiK, AEI Systems, and UNIROBOTICS, highlighting an integrated approach to defence solutions aimed at expanding its global footprint.



ASELSAN Unveils New Electronic Warfare and Counter-UAV Solutions

On the second day of the ongoing SAHA 2026, ASELSAN launched new and advanced capabilities in the electronic warfare (EW) and counter-UAV domains, strengthening the capabilities of Steel Dome.

The KORAL AD Air Defense Electronic Warfare System is a land-based mobile radar electronic warfare system that integrates Electronic Support (ES) and Electronic Attack (EA) on a single platform, enabling long-range detection, identification, and classification of hostile radars while applying advanced jamming and deception techniques. With its Anti-Access/Area Denial (A2/AD) capability, KORAL AD can detect, deceive, and jam enemy aircraft radars, playing a critical role in strengthening layered air defense architectures such as Steel Dome.

Complementing this radar-focused capability, ASELSAN introduced a new version of ILGAR, a new-generation mobile electronic attack system designed to target V/UHF and partially SHF communication systems. With its

high RF output power and reactive jamming capability, ILGAR Communication Electronic Warfare System can effectively disrupt, delay, or deceive enemy communications, including sophisticated frequency-hopping systems. By providing both electronic attack and electronic support capabilities on-the-move, ILGAR can target the strategic communication systems of aircraft while ensuring tactical superiority and operational resilience in dynamic battlefield environments.

ASELSAN highlighted the new version of EJDERHA high power electromagnetic counter UAV protection system. EJDERHA High-Power Microwave Weapon System neutralizes mini and micro unmanned aerial vehicles, especially those operating in swarm formations, by utilizing high-power electromagnetic wave technology. With its newly integrated radar, enhanced electro-optical systems, and improved engagement effectiveness, EJDERHA has evolved into a fully autonomous, stand-alone system.

The company also presented GÖKALP and MIĞFER interceptor solutions, specifically engineered to neutralize the rapidly evolving threat of asymmetric drone warfare. GÖKALP Autonomous Kinetic Drone Interception System is a high-speed, AI-powered interceptor drone designed to hunt and destroy FPVs and kamikaze UAVs through high-precision kinetic impact. With its smart tracking and fully automatic interception capability, GÖKALP enables true drone-against-drone engagement.

MIĞFER Self-Protection FPV Interception System is a dedicated “hard-kill” solution integrated onto a 4x4 armored vehicle. Designed to safeguard mobile platforms like tanks and armored personnel carriers, MIĞFER utilizes dual smoothbore shotguns and specialized anti-UAV ammunition to autonomously detect and neutralize microdrone threats within a 150-meter radius, ensuring localized survivability in high-intensity combat zones.

The new version of GÖKBERK – the GÖKBERK 10kW Laser Weapon System – is a directed energy air defense solution designed to provide highly effective protection against close-range aerial threats. Developed for critical facilities, land platforms, energy plants and headquarters, the system uses a high quality indigenous 10 kW laser source to physically neutralize targets with minimum power and maximum efficiency.

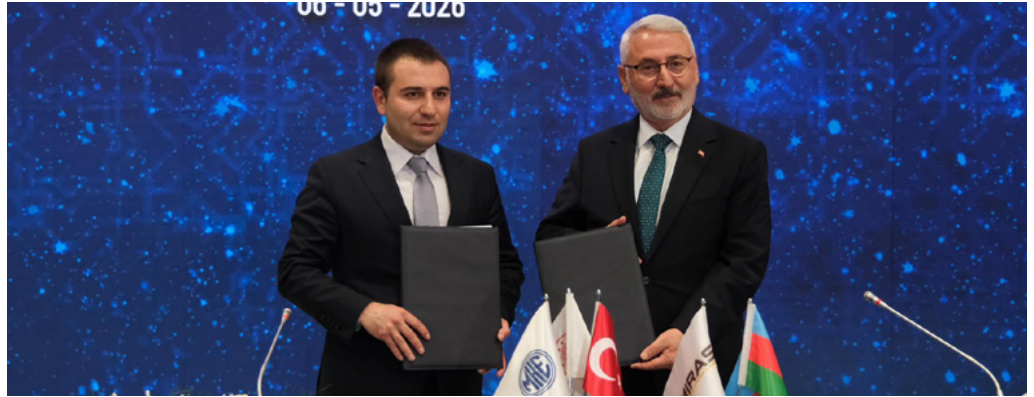
“Modern battlefields require integrated solutions across both the electromagnetic spectrum and physical domains,” said Ahmet Akyol, ASELSAN President & CEO. “At SAHA 2026, we are proud to launch new systems and products which will strengthen the capabilities of Steel Dome. KORAL jams enemy aircraft radars, ILGAR disrupts enemy communications, GÖKALP brings a unique capability by enabling automatic drone-against-drone interception with smart tracking and EJDERHA neutralizes mini and micro unmanned aerial vehicles effectively. Together with our MIĞFER and GÖKBERK 10kW anti-drone systems, these solutions will make Steel Dome stronger against evolving air and electronic threats.”

Miras And MKE Ink BMP-1 Modernisation Agreement

Azerbaijan's Miras Military Industrial Company and Türkiye's Mechanical and Chemical Industry Corporation (MKE) have signed a strategic Memorandum of Understanding (MoU) at the ongoing SAHA 2026. The agreement focuses on the modernisation of BMP-1 infantry fighting vehicles.

Miras and MKE will collaborate on enhancing the lethality and operational life of the BMP-1 platform through the integration of the TOLGA turret system. This partnership leverages the recent re-establishment of Miras in 2024 by the Government of Azerbaijan to consolidate the nation's military maintenance, repair, and overhaul (MRO) facilities. Beyond the initial upgrade phase, the agreement explicitly targets joint production initiatives.

According to the ministerial delegation led by Vugar Mustafayev, the Azerbaijani



Minister of Defence Industry, this move aligns with a broader national strategy to transition from a consumer of military hardware to a regional hub for defence technology. The integration of the Turkish-designed TOLGA turret onto Soviet-era hulls follows a precedent of deep integration between the two nations, mirroring previous aviation and ballistics protocols.

Miras currently oversees a diverse

network of specialised facilities, including the Tank Repair Plant and the Combined Military Equipment Maintenance Plant. The MoU with MKE specifically targets the modernization of the BMP-1, a platform that remains a cornerstone of armored infantry units across Eurasia. By incorporating the TOLGA turret, the joint venture aims to produce a high-performance variant that bridges the gap between legacy mobility and modern fire control.



Airbus Celebrates Four Decades Of Turkish Partnership

Airbus, a cornerstone of the European aerospace sector, is utilizing SAHA EXPO 2026 to celebrate more than 40 years of industrial and strategic presence in Türkiye. The milestone comes at a time when the Turkish aerospace ecosystem is rapidly evolving into a primary manufacturing hub, bridging the logistical and industrial requirements between European production lines and the burgeoning markets of the Asia-Pacific.

For Airbus, the ongoing show represents a victory lap following a series of high-profile successes in the region, including the official induction of Türkiye into the Eurofighter Typhoon

programme. This inclusion, which saw an initial order for 20 aircraft, underscores the deepening integration of Turkish defense capabilities into the wider European combat air ecosystem.

The relationship between the airframer and Türkiye began in earnest in 1985 when Turkish Airlines took delivery of its first Airbus A310. Since that initial transaction, the partnership has expanded into a multi-billion-dollar industrial collaboration. Today, Türkiye serves as the third-largest Airbus market in Europe, with more than 400 aircraft in service across nine operators. Airbus Defence and Space Turkey, established as a wholly-owned subsidiary in 2013,

now provides critical in-service support for the A400M Atlas fleet.

The industrial footprint of Airbus in Türkiye has grown to encompass a cumulative procurement volume targeted at US\$5 billion between 2020 and 2030. This investment has created over 3,000 jobs within the local aeronautical industry, as Turkish suppliers contribute vital components to nearly every Airbus aircraft programme. According to Simon Ward, President of Airbus Northwest Europe and Central & Eastern Europe, Türkiye is now “an integral part of the Airbus global supply chain.”

The strengthening of the Airbus-Türkiye axis is being closely monitored by Asia-Pacific defense analysts. As Türkiye enhances its MRO (Maintenance, Repair, and Overhaul) capabilities—specifically the Airbus-certified retrofit capability for the A400M managed by ASFAT—it positions itself as a competitive alternative for Asian operators of Airbus military hardware. This shift is particularly relevant as nations in Southeast Asia seek to diversify their supply chains and reduce reliance on single-source logistics.

TXT Aerospace & Defence Promotes ICARUS Platform

TXT Aerospace & Defence is presenting its ICARUS platform at the ongoing SAHA Expo 2026 in Istanbul, highlighting a modular, cloud-native system designed to support the full operational lifecycle of unmanned and autonomous systems.

ICARUS is positioned as an end-to-end environment spanning vehicle design, mission planning, real-time simulation, live and virtual operations, command and control, and post-mission analysis. The platform integrates these functions within a single architecture aimed at both commercial and defence users.

The system is organised into four primary modules. ICARUS Design enables parametric modelling of unmanned and eVTOL platforms, covering geometry, aerodynamics, propulsion, avionics and sensor payloads, supporting development from early concepts through to digital twin validation. ICARUS Plan focuses on mission preparation, allowing users to configure multi-vehicle fleets, assign roles and payloads, and define coordinated actions across complex, multi-domain scenarios.

Simulation is handled by ICARUS Fly, powered by TXT SimScene, which provides real-time, physics-based modelling with detailed aerodynamic and energy



behaviour, as well as environmental factors such as terrain, weather and traffic. Post-mission evaluation is delivered through ICARUS Insights, offering mission replay, key performance indicators and comparative analytics across different configurations and operational profiles.

An orchestration layer, TXT PRISM, underpins the platform, enabling deployment across software-as-a-service, on-premises, air-gapped or hybrid cloud environments. This flexibility is intended to accommodate both commercial applications and classified defence requirements. Interoperability with external

simulation frameworks is supported through HLA/FOM standards, allowing integration into wider Live, Virtual and Constructive (LVC) ecosystems and connection with computer-generated forces.

TXT Aerospace & Defence states that ICARUS is applicable across multiple operational domains, including intelligence, surveillance and reconnaissance missions in contested environments, operator training, multi-vehicle mission planning, urban air mobility infrastructure validation, and original equipment manufacturer (OEM) design and performance benchmarking.

Borucase Showcases Hardcase Portfolio



Borucase, a Turkish manufacturer of hard protective cases primarily designed for military applications, is presenting its product range at the ongoing SAHA 2026 exhibition. The company focuses

on developing protection solutions that have been field-tested and proven under demanding operational conditions.

Designed to safeguard critical equipment against impact, dust, water, and extreme temperatures, Borucase products are positioned as more than simple enclosures, with an emphasis on reliability in operational use. Manufacturing is carried out at the company's facility in Sivas, where injection moulding and CNC machining processes are integrated under one roof. Production is managed in accordance with ISO 9001 standards, covering all stages from raw material processing to final assembly.

Borucase states that each product line undergoes validation through

MIL-STD-810G testing for impact, vibration, and drop resistance. In addition, IP67 certification for water and dust protection is verified by independent laboratories, ensuring that products meet specified environmental protection requirements before deployment.

The company traces its origins to the establishment of Gökçeler Savunma Teknolojileri in 2002, marking over two decades of experience in the sector. According to the company, more than 350,000 units are currently in use across Türkiye and in over 12 other countries.

The product portfolio on display ranges from the compact BC 100, with an empty weight of 550 grams and a capacity of 2.11 litres, to the larger BC 1250 W, which has an empty weight of 6.82 kilograms and a capacity of 50 litres.

Desan Highlights Malaysian Milestones



The Turkish shipbuilder Desan Shipyard has officially confirmed the expansion of its engagement with the Malaysian government following high-level discussions. Speaking to SAHA 2026 Daily News, Bulent Taneri, a senior representative of Desan Shipyard, reaffirmed that the company signed the contract for the second Multi-Purpose Mission Ship (MPMS) for Malaysia during the Defence Service Asia (DSA) 2026 exhibition held earlier this year in Kuala Lumpur. This confirmation solidifies the Malaysian Maritime Enforcement Agency's (MMEA) commitment to modernising its fleet with Turkish naval architecture.

The second MPMS acquisition follows the successful progress of the lead vessel in the class. According to Taneri, the ongoing construction of the first ship has paved the way for this secondary agreement, which was formalised to meet the urgent operational requirements of the MMEA. The procurement, valued at approximately US\$83.75 million (RM331.36 million), is a core component of the Malaysian government's strategy to enhance sovereignty and law enforcement capabilities within its Exclusive Economic Zone (EEZ).

Strategic Infrastructure Development

Information provided by Desan Shipyard and official government reports from Bernama indicate that the cooperation extends beyond vessel construction. The "Enrique of Malacca Shipyard"

project in the state of Malacca is currently ongoing and remains a focal point of the bilateral maritime partnership. This joint venture, established between Desan and local Malaysian partners including the Straits of Melaka Waterfront Economic Zone (SM-WEZ) Corporation, involves the development of a 9.4-hectare facility dedicated to shipbuilding, repair, and maritime services.

The Malacca project represents a significant shift in the Southeast Asian maritime supply chain, as it facilitates the transfer of advanced Turkish naval technology to local industry. Taneri noted that the shipyard is expected to be operational by 2028, serving as a hub for both the maintenance of the MMEA's new MPMS fleet and broader

commercial maritime interests in the region. The development is situated along the Strait of Malacca, one of the most critical maritime chokepoints in the world, underscoring the strategic nature of the investment.

Advanced Unmanned Integration

A major technical highlight of the MPMS platforms is the integration of unmanned systems to extend their surveillance reach. It was confirmed during the expo that both the first and second MPMS vessels will be equipped with Vertical Take-Off and Landing (VTOL) unmanned aerial vehicles (UAVs) provided by the Turkish defence electronics firm HAVELSAN. These aerial assets are designed to operate from the ships' 11-tonne capacity helicopter decks, providing real-time intelligence, surveillance, and reconnaissance (ISR) data to the crew.

While the aerial component is finalised, the specific model for the Unmanned Surface Vessels (USVs) intended to equip both ships remains unconfirmed. Taneri indicated that while the vessels are designed to carry and deploy these autonomous platforms, the final selection of the USV model is still under deliberation. The addition of these unmanned assets is expected to provide a "force multiplier effect," allowing the 99-metre ships to monitor vast areas of the South China Sea and the Strait of Malacca more efficiently than traditional patrol methods.



Otokar Showcases Land Systems

Turkish land systems manufacturer Otokar is presenting its latest range of armoured combat vehicles at the SAHA EXPO 2026 International Defence, Aerospace and Space Industry Exhibition. The event, which is being held at the Istanbul Expo Centre from 5 to 9 May 2026, features a significant display of Otokar's combat-proven platforms and advanced turret systems. According to Otokar's Meltem Ulutürk who spoke to SAHA 2026 Daily News, the company is highlighting its modular design capabilities and integrated mission solutions, including new unmanned aerial system integrations and high-calibre weapon systems.

Advanced Drone Integration Technology

A primary highlight of the exhibition is the COBRA II tactical wheeled armoured vehicle, which has been configured with an integrated vehicle-mounted drone station. Developed in collaboration with DASAL, this system allows an unmanned aerial vehicle (UAV) to take off and land while the carrier vehicle is moving at speeds of up to 30 km/h. The station features an automated

battery replacement mechanism that can swap depleted batteries for fully charged ones in less than one minute. This capability ensures 24/7 mission availability for reconnaissance and surveillance tasks without requiring the crew to exit the vehicle's protective shell.

Amphibious Capabilities and Firepower

According to official Otokar corporate announcements released on 5 May 2026, the company is also displaying the ARMA 8x8 and ARMA 6x6 wheeled armoured vehicles. The ARMA 8x8 is being showcased in a fully amphibious configuration equipped with Otokar's own MIZRAK 30mm unmanned turret. This turret system is armed with a 30mm auto-cannon and a coaxial

machine gun, designed to provide high firepower against both ground and aerial targets. The ARMA family is noted for its modular monocoque steel hull, which provides a high level of ballistic and mine protection while maintaining significant mobility across diverse terrains.

Strategic Heavy Tracked Platforms

The TULPAR tracked armoured combat vehicle is another major feature of the Otokar stand, integrated with an Aselsan Korhan 35mm weapon system. TULPAR is designed as a multi-purpose platform capable of operating in the 28,000kg to 45,000kg weight range, allowing it to function as an infantry fighting vehicle or a light tank. "As Türkiye's global brand in land systems, we compete with the world's leading players with our R&D strength, design experience and technology transfer capabilities," stated Otokar General Manager Aykut Özünler during the event.



ARCA Defense Showcases Artillery, Mortar and Rocket Ammunition Portfolio

Turkish defense manufacturer ARCA Defense is showcasing a broad range of artillery, mortar and rocket ammunition systems at SAHA 2026, highlighting the company's expanding production capabilities in heavy ammunition and explosives.

The Ankara-based company is displaying products including 60 mm, 81 mm and 120 mm mortar ammunition, as

well as 122 mm, 152 mm and 155 mm artillery rounds at the exhibition. The company is also presenting its 122 mm multi-barrel rocket launcher ammunition portfolio during the show.

ARCA Defense, established in 2020, began production activities at the Çorum Sungurlu Organized Industrial Zone in 2022. The company initially launched a Boxer Capsule Production Facility for small arms ammunition before expanding into heavy ammunition manufacturing.

Company officials said the production line now covers a wide spectrum of ammunition systems ranging from mortar rounds to artillery ammunition for different calibers. The company has also reserved space for future expansion into additional ammunition types and

calibers.

At SAHA 2026, ARCA is highlighting its vertically integrated production approach, including plans to manufacture metal bodies for heavy ammunition at its Ankara facility.

ARCA Defense has rapidly expanded its manufacturing footprint in recent years and now operates one of Türkiye's major ammunition production facilities. The company says it aims to meet the requirements of the Turkish Armed Forces while also increasing exports to international markets.

Its products are currently supplied to customers across Europe and North America, including markets such as the United States, the United Kingdom, the Netherlands and Slovakia.



Kale Jet Engines Reveals Next-Generation Turbojet Engines

The Istanbul Expo Centre has become the focal point of regional aerospace advancement this week as Kale Jet Engines showcased its latest propulsion technologies at SAHA EXPO 2026. As a critical subsidiary of the Turkish industrial giant Kale Group, the engine manufacturer presented a refined roadmap for its KTJ series, marking a significant shift in the self-sufficiency of tactical missile systems across the Middle East and the Asia-Pacific.

The centerpiece of the display remains the KTJ-3700 turbojet engine, which serves as a higher-performance evolution of the established KTJ-3200. While the original KTJ-3200 was developed to power the SOM stand-off missiles and Atmaca anti-ship missiles, the upgraded KTJ-3700 provides increased thrust specifically for the Kara Atmaca land-attack cruise missile. This development ensures that heavy long-range munitions can maintain high subsonic speeds while carrying substantial warheads over varied terrain.

The company is also expanding into more compact architectures to meet



the rising demand for loitering munitions and small-scale tactical systems. Nagihan Boyraz, the Strategy & Business Development Assistant Manager of Kale Jet Engines, confirmed to SAHA 2026 Daily News that the KTJ-1750, a smaller variant optimized for the Çakır cruise missile family, is already operational. These indigenous powerplants have effectively replaced foreign-sourced engines, such as the French TRI-40, removing export barriers for Turkish defense platforms in the global market.

Strategic interests for the Asia-Pacific region are particularly high, as nations seeking to modernize their coastal defenses look toward the proven reliability of the KTJ series. The successful integration of these engines into platforms like the Atmaca—which rivals the range of the American Harpoon—offers

regional militaries a sovereign alternative for high-precision maritime strike capabilities. This shift is critical as defense supply chains in Southeast Asia increasingly pivot toward suppliers who offer technology transfers without restrictive end-user conditions.

Looking toward the immediate future, Kale Jet Engines is currently in the development phase for even smaller propulsion units to support the next generation of unmanned aerial vehicles (UAVs). “Our target for 2026 is to complete two of the four engine developments,” stated Osman Okyay, Kale Group Deputy CEO, in a preceding briefing regarding the company’s roadmap. These include a 400 Newton-class engine for light drones and a 1200N variant, both of which are scheduled to be ready for serial production by 2027.

Türkiye to Accelerate Drones, Cyber and Space Warfare Capabilities Amid Rising Iran-linked Tensions

Turkish Defence Minister Yaşar Güler has pledged to accelerate development of unmanned aerial vehicles, armed drones, autonomous naval and land platforms, as well as space, cyber and electronic warfare capabilities, amid rising regional tensions linked to the Iran conflict.

Güler said recent conflicts—including the war in Ukraine and tensions involving the United States, Israel and Iran—were reshaping regional and global security dynamics. “These conflicts and wars have provided very critical data for security doctrine, while also increasing our responsibilities,” he said.

He made the remarks at the presentation of Yıldırımhan, an intercontinental ballistic missile project unveiled by a Turkish defence company, described

as having a range of 6,000km and powered by nitrogen tetroxide fuel and four rocket engines.

According to Güler, Türkiye, once heavily reliant on foreign defence suppliers until the 1980s, had transformed into a country capable of designing, producing and exporting its own military systems. The shift reflects decades of investment in domestic research, manufacturing and technology aimed at strengthening strategic autonomy.

On the sidelines of the event, Güler met Somali Defence Minister Ahmed Moallim Fiqi, Lebanese Armed Forces commander Lt. Gen. Rodolphe Haykal and Iraqi Deputy Chief of Staff Lt. Gen. Harbiye.

Industry and Technology Minister Mehmet Fatih Kacır said Türkiye’s



incentive system had supported more than 1,100 defence investments worth 460 billion liras over the past 23 years, with plans to expand production through new industrial zones across Anatolia.

Defence industry chief Haluk Görgün said Türkiye exported US\$10.5 billion in defence and aerospace products to 185 countries over the past 12 months.

SAHA Istanbul chairman Haluk Bayraktar said the war in Ukraine showed how modern warfare is increasingly shaped by technology and industrial capacity, pointing to the rapid rise in drone use as evidence of a shift toward autonomous systems.

MEGABRAS Presents Electrical Testing Systems for Power Infrastructure

Brazil-based MEGABRAS, which manufactures electrical testing and measurement equipment for power systems, substations and industrial maintenance, is exhibiting at the SAHA 2026 defence and aerospace exhibition, highlighting technologies aimed at improving the safety and reliability of electrical infrastructure.

Its product range includes insulation testers (megohmmeters), micro-ohmmeters, ground resistance testers and high-potential (hipot) systems, as well as digital transformer ratiometers, kilovoltmeters and power quality analyzers.

Widely used by utilities, engineering firms and maintenance teams in power grids, substations and high-voltage laboratories, the company said their products support a range of applications, from testing transformers and cables to monitoring network performance and diagnosing faults in industrial equipment.

Among the products the company sells is the MPK215R high-current micro-ohmmeter, a portable, microprocessor-controlled device designed for use in electrical substations. It measures very low contact resistance in high-voltage circuit breakers, switches and busbars,

with test currents ranging from 5 to 200 amps, using a four-terminal method to ensure accuracy.

The unit features a built-in cooling system that allows repeated testing without triggering thermal protection, supporting up to 30 consecutive one-minute tests under standard conditions. It offers high measurement stability and precision, with readings displayed at up to 4½-digit resolution and sensitivity down to 0.1 micro-ohms.

Weighing about 11kg, the device is compact and built with impact-resistant materials, making it suitable for field use. It is also water-resistant and designed to operate in harsh environments, providing reliable performance both in laboratories and on-site.

Also in the company's portfolio is the EM4058 earth tester, a digital, microprocessor-controlled instrument used to measure earth resistance, ground resistivity and stray voltages, in line with IEC 61557-5.

Designed for substations, industrial sites and distribution networks, it also supports soil resistivity testing using the Wenner method.



EM-4058
Terrômetro digital
• Manual de uso
• Especificações técnicas

The unit operates automatically, checking test conditions before each measurement and alerting users to issues such as high interference or poor connections. It selects the appropriate range and displays results on an alphanumeric screen.

Users can choose test frequencies to simulate different conditions, from industrial fault currents to lightning-related effects. A frequency scan function measures across multiple frequencies and stores results in internal memory.

The device covers a wide measurement range from 0.01 ohms to 20 kilo-ohms, ensuring accuracy across different soil types. It includes built-in memory, a printer and USB connectivity for data transfer, as well as remote control via Android devices.

Portable and rugged, the EM4058 is designed for field use and operates in harsh conditions using a rechargeable battery.

"MEGABRAS instruments are portable, compact, lightweight and easy to use, ideal for use in field, with an accuracy comparable to the best laboratory instruments," the company said.

"The solid experience, high technical and commercial expertise of our professionals and partners were of paramount importance for the international recognition of our products that are used today in more than 40 countries on 5 continents."



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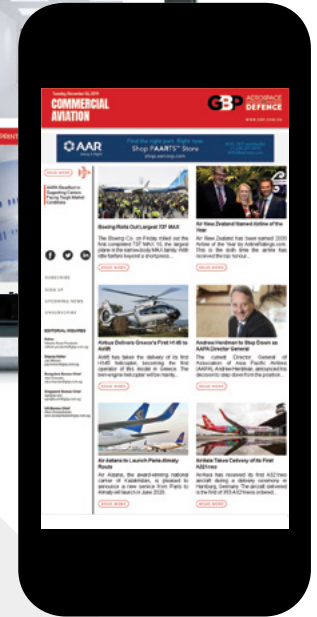
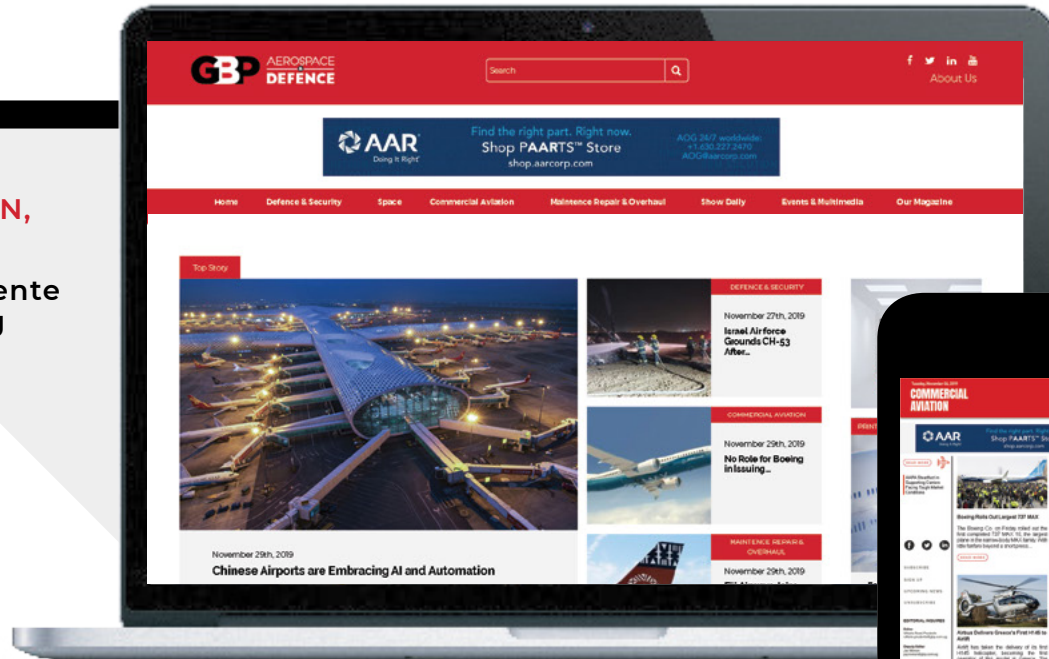
MPK215R 200 A Micro-ohmmeter

- BSG mode (Both Side Grounded)
- Up to 30 consecutive tests
- Direct reading (up to 4½ digits)
- Resolution: 0.1 $\mu\Omega$
- Resistance reading: up to 1 Ω
- U/I (4-wires) measurement
- Overheating protection
- Open Modbus protocol: Can be remote controlled through an Android app or through USB by customized software, labview and PLC



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