



SPANISH PAVILION

WORLD DEFENSE SHOW RIYADH

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SAUDI ARABIA



PRESS KIT

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Spanish Pavilion

Coordinated by the Spanish Association of Defence, Security, Aeronautics and Space Technology Companies (TEDAE), the Spanish Pavilion at World Defense Show brings together 10 exhibitors showcasing their latest technological developments and most innovative products.

The Spanish Industry is attending World Defense Show 2024 to showcase the competitiveness of its companies, the efforts they are making to maintain their technological leadership in important areas of the production chain and their consolidation as strategic partners in the most important international programmes.

The Spanish Pavilion is located in Hall 1, stand F13.1.



tedae.org



The Spanish Association of Defense, Security, Aeronautics and Space Technology Companies (TEDAE) brings together 90 companies covering the design, development and production chain of Aerospace, Security and Defense systems, for their commercialization and maintenance. These include prime contractors and system suppliers, as well as small, highly specialized companies.

TEDAE is once again coordinating the Spanish Pavilion at the World Defense Show, developing one of its priorities: the internationalization of the Spanish aeronautical industry and the promotion of its companies and products.

Spanish Defense, Security, Aeronautics and Space companies contributed to 1.31% of the national GDP and generated more than 53,500 direct jobs with high technical qualifications. Their turnover exceeded 12,130 million euros, of which 9.6% went to R&D&I activities and 50.47% corresponded to exports (data from 2021).

TEDAE represents and promotes its associates nationally and internationally, especially at European level, through the ASD (Aerospace, Security and Defense Industries Association of Europe), recognized by the European Union as the main interlocutor and representative of the industry.

TEDAE is the gateway to the Aerospace, Security and Defense sectors in Spain.

AERTEC is highly specialised in aeronautical technologies for defence and has solid experience in the design, development, and implementation of technological capabilities in the field of unmanned aerial systems (UAS) and guidance, navigation, and control (GNC) systems.

In recent years, the use of guided munitions launched from unmanned platforms, thereby guaranteeing a substantial improvement in precision and reducing collateral damage, has taken on a particularly relevant role. As part of its technological strategy, AERTEC's Aerospace & Defence Systems department has developed an integrated armed remotely piloted aircraft system (RPAS) solution called TARSIS-W, which is equipped with micro-missiles guided by semi-active laser (SAL) to guarantee high-precision guidance and navigation.

Pedro Becerra
Director | Aerospace & Defence

"Attending this prestigious technological and commercial forum is a great opportunity for AERTEC to reinforce its range of high-added-value technologies for defence. This not only includes A-FOX guided micro-missiles, but also a more ambitious operational concept that involves integrating them into light tactical UAS such as the TARSIS-W, which was also developed entirely with in-house technology.



In this new context where UAS have a greater role in the theatre of operations, an increase in the capabilities of these systems is extremely relevant. In recent years, the opportunity emerged to equip them with arming and threat designation capabilities for today's conflict scenarios. In this line, AERTEC offers a comprehensive solution consisting of the UAS platform, SAL-guided micro-missiles and a weapons management system that is integrated with the GCS to greatly simplify system operation and interoperability".

EM&E is a family-owned company, a world reference in the Defence and Security sectors, with consolidated industrial capacity and an advanced technological base. It offers comprehensive engineering solutions, high-precision machining and the manufacture of complex integrated optronic systems, as well as electronics, stabilisation and control systems.

Its products include stabilised platforms for land, naval and airborne applications; thermal cameras and sensors for border surveillance; and ammunition guidance kits.

The company carries out the integral development of all its products and their adaptation to the needs of its customers in its own facilities in Alcalá de Henares.

Ángel Escribano Ruiz
CEO

“We are proud to present our company, which reflects our work, our efforts, our commitment to our professionals and to our society. All our work has been translated into results and a perspective for the future that reflects the evolution of our company since it was founded more than 30 years ago.



The events of recent years have shown how important it is for a sector as strategic as defence to have a solid, capable and committed defence industry. As a company committed to the state, we work to develop technological and productive capabilities for our armed and security forces, as well as for our society. At EM&E, we pride ourselves on our ability to respond to needs and to be technologically prepared for new challenges. y I will not hide the fact that when I travel to other countries to sign contracts or exhibit our products, it is a source of pride for me to see how Spanish technology is increasingly recognized and appreciated throughout the world”.

hisdesat.es



Hisdesat is the Spanish government satellite operator. It carries out its activity in three main areas:

- Secure satellite communications. Hisdesat leads the SpainSat NG programme. The SpainSat NG I & II satellites will replace the current SpainSat and XTAR-EUR satellites in 2024 and 2025, respectively. They will be able to provide secure satellite communications with maximum protection against interference or other threats, including a high-altitude nuclear event, with maximum flexibility thanks to their real-time software-defined payload. SpainSat NG will be essential for the resilience of the communications of the European Union, NATO and the rest of our allies.
- Earth Observation System. Hisdesat is the operator of the PAZ satellite, with a very high-resolution synthetic aperture radar (SAR), which has been providing since 2018 accurate information for multiple applications. PAZ has capacity to take more than 100 daily images of up to 25 centimetres of resolution, both day and night, and regardless of weather conditions.
- AIS Satellite System. The satellite information system for maritime traffic (AIS) is managed through the agreement between Hisdesat and Spire. It allows possible to know the situation of world maritime traffic in real time, offering details about the identity of the vessel, its situation, route, speed, navigation status, destination, cargo, manoeuvres, draft, length, flag, waves, rocky areas, energy consumption, etc.

Miguel Ángel García Primo
CEO



“It is a pleasure for Hisdesat to participate for the first time as an exhibitor at the World Defence Show (WDS), one of the main international fairs for the defence sector.

Saudi Arabia is one of the main countries of reference worldwide for the defence and security market, including the space sector. And it is in this country where Spain, as a defence industrial player, has a major presence.

Therefore, WDS provides us with an excellent opportunity to build new relationships with potential users and strengthen ties with our existing customers in the area.

Without a doubt, the fair is the ideal showcase to publicise the services, solutions and applications offered by our satellites.

We will also be presenting our SPAINSAT NG Programme, the most advanced secure communications and defence system in Europe, the first satellite of which will be launched in the last quarter of this year”.

Indra is one of the leading global technology and consulting companies, world leader in engineering technology for aerospace, defense and mobility business, and that heads digital transformation consultancy and information technologies in Spain and Latin America through its affiliate Minsait. It has almost 57,000 employees, a local presence in 46 countries and business operations in over 140 countries.

The company is the national industrial coordinator in Spain of the FCAS, the largest and most advanced defense program in Europe. It also participates in a large number of European and international projects, such as Eurofighter and the A400M. The company exports its radars to five continents and is the principal supplier to NATO.

Indra is an expert in radar, electronic defense, command and control and communication technologies, Indra incorporates artificial intelligence, big data, virtual reality and combat clouds in its cutting-edge critical systems and has the latest technology solutions for Land, Sea and Air, Space and Cyberspace and maintains extensive collaboration to continue working on projects that strengthen security in Middle Eastern countries.



José María de la Fuente
Responsible for Defence in the region and based in Riyadh

“Indra is one of the world's largest defence companies, with a presence in some of the most ambitious technological programs currently underway. We maintain close collaboration with our clients and strive to provide them with the most advanced technologies they demand to enhance the security of their countries, thanks to our strong commitment to innovation”.



instalaza.com

Instalaza

INSTALAZA, S.A., founded in 1943, is a leading company that applies the highest technology to design, develop and manufacture its equipment, with the aim of offering the Infantry the most efficient solutions. Instalaza's experience is very well known as Spanish (and other countries around the world) Armed Forces supplier. Its products have always been tested according to the most stringent quality controls in order to offer full service and support at any time, even in the hardest conditions. Moreover, Instalaza's products and equipment are being used by different armed forces all over the world, reaching the maximum level of operational reliability and effectiveness.

iraundi.com



IRAUNDI is a global leader in highly engineered special bearings for many sectors of industry. We have been providing innovative bearing solutions to manufacturers since 1972 and extended our production range with slewing bearings, slew drives, cross-roller bearings & wire race bearings.

Our bearings are designed and customized for every application. That means every bearing can be designed according to the customer's structure and specification. We produce up to 3,2 meters slewing bearings, in a different kind of configuration, like internal or external gear, balls or rollers...

Iraundi bearings are used in defense sector, machine-tool,s aerospace, medical care, lifting equipment, cranes, and al types of heavy machinery.

More specifically for the defense sector, we are specialized in equipping our turret bearings for azimuthal and/or elevation rotation, both for land vehicles and for the naval sector. They are also used in antennas, satellites, radars...

Aitor Azkarate
CEO

"Iraundi is a family business founded in 1972, located in Bergara. Since then, the company has grown from a one-person business to become the market leader for special bearings in Europe, with more than 100 employees.

From the very beginning, we have been engaged in the manufacturing of special bearings. Our main products are special bearings and slewing bearings made of different alloys of steel and aluminum which find a wide variety of applications.



Our aim is to expand our activities in the defense sector, to which we contribute with our slewing systems manufactured entirely in Spain. We see the defense sector as an opportunity to grow and learn.

Behind each new project there is a work of design, calculation, manufacturing, and testing of each turning unit. All in all, we can say that we are specialized in providing the perfect "rotation" to a component, in an application.

We are currently involved in several projects, such as the VCR 8x8 program, as well as several other projects that we cannot name for confidentiality reasons".

navantia.es



Navantia is the Spanish state-owned company and one of the world leaders in the design, construction and integration of state-of-the-art naval vessels, as well as ship repairs & modernizations.

Navantia also focus in the design and manufacture of Command Management Systems, Fire Control Systems, Navigation Systems, Integrated Communications Systems, Integrated Platform Management Systems, Propulsion Plants, Through Life Support and Training services, for all its products. Even though its main line of activity is in the naval field, Navantia also designs and manufactures systems for the Land Forces.

After signing in 2018 a contract for the construction of five Corvettes Avante 2200 for the Royal Saudi Naval Forces, Navantia's commitment as strategical partner of the Plan 'VISION 2030' of the Kingdom of Saudi Arabia has been boosted to a level never before achieved by a foreign company in the Kingdom, with the creation of SAMINavantia, the first joint venture of SAMI, supporting the Kingdom's sovereignty with the development of HAZEM, the first Saudi Naval Combat System.



Ricardo Domínguez
Presidente

“Navantia has been on an excellent position to support the Kingdom in the development of the Saudi defence industry and the achievement of the objectives in the Plan Vision 2030, creating a new era of sophisticated and efficient naval capabilities to meet the challenges of today and tomorrow, while increasing the strength of the Saudi military industry. Spain and Navantia will continue to be a reliable partner of the Kingdom”.

electronica-submarina.es



SAES is a Spanish company specialised in underwater acoustics and electronics, which provides technology and solutions for underwater security and defence in the military and civil fields.

With more than 30 years of experience in the naval sector, SAES develops smart naval mines, limpet mines, ASW systems, multi-influence range stations, sonar systems and underwater protection for critical infrastructures.

SAES technology is in service for several navies and naval forces around the world. We provide high-tech solutions for all kind of platforms involved in naval warfare such as minehunters, frigates, submarines, MPA aircrafts, ASW helicopters and UxV.

SAES has a strong presence in the Spanish defence programmes (along with Navantia company, the Spanish army and the Spanish Air Force), such as the S-80 submarine, F-110 frigate and C295 military transport aircraft.

The most significant SAES products are MINEA, special operations limpet mines, SPAS, MIRS and DDS-03.

Joaquín López Pagán
Presidente y CEO

“The new direction of SAES is focused on innovation and development. We are working on strategic projects for Spanish national defence, such as the S-80 class submarine and the F-110 frigates, which are being excellently led by Navantia. In the S-80 submarine series, we participate directly with our capabilities in submarine electronics, acoustics as well as engineering.



In addition, we have recently signed a contract with the Spanish Ministry of Defence to equip the S-80 class submarines with SAES's latest generation smart mines. This contract represents another technological leap in this type of weaponry that will be incorporated into the S-80 class submarines, demonstrating that at SAES we continue to be at the forefront in the development of smart naval mines, competing internationally and once again putting our capabilities in hydroacoustics and multi-influence at the service of the Spanish Navy.

On the other hand, we also seek to expand our presence in the maritime security market. I want to highlight the collaboration of SAES with Navantia and a startup called Perseo in the development of small unmanned vehicles for defence and the protection of critical infrastructures”.

grupooesia.com



Tecnobit - Grupo Oesía is a 100% Spanish private company specialize in the designs, produces and maintenance of the systems for the present and the future, with dual-use solutions, which it exports them to countries all over the world.

Tecnobit - Grupo Oesía has stood out as driving force of technological innovation in the defence sectors, being an international benchmark in fields as complex as simulation, tactical and secure communications, cybersecurity, intelligent situational awareness and on-board electronic systems. Also operates with three other advanced engineering brands, Cipherbit, UAV Navigation and Inster, which offer high-quality solutions and products in secure communications, guidance, navigation and control solutions for UAVs.

In addition, Tecnobit-Grupo Oesía covers all stages of the life cycle of its high-tech products and systems, from design, development, manufacturing and certification to maintenance, allowing it to offer cutting-edge systems that can be easily adapted to specific customer needs.

Luis Furnells
Presidente Ejecutivo

“The World Defense Show is one of the premier exhibitions designed to showcase the growth and internationalization of the defense industry in Spain within a globalized and highly competitive market. It serves as a key event to highlight Spain's maturity, reliability, capacity for innovation, and competitiveness. In recent years, Spain, propelled by companies like Grupo Oesía, has secured its position as the ninth-largest exporter of defense technologies worldwide.



At Grupo Oesía, we contribute significantly to the global growth of the Spanish defense industry through a strong commitment to Research and Development and Innovation (R&D&I). Our dedication to developing new capabilities has made us a key player in shaping the future of Digital Military Power and participating in Multidomain Operations. Our focus on hyperspecialization and cutting-edge technologies, including Quantum Key Distribution (QKD), photonics, Artificial Intelligence, and advanced tactical and satellite communications, has positioned us as an international leader in complex fields such as simulation, secure communications, quantum encryption, cybersecurity, intelligent situational awareness, and on-board electronic systems”.

As an integrated technology group, the listed company Rheinmetall AG, headquartered in Düsseldorf, stands for a company that is as strong in substance as it is successful internationally, and that is active in various markets with an innovative range of products and services. Rheinmetall is a leading international systems supplier in the defense industry and at the same time a driver of forward-looking technological and industrial innovations in the civilian markets. Taking responsibility in a changing World.



José Manuel Fernández Bosch
CEO

“WDS 2024 is an excellent showcase to show the technologies of companies, especially large and medium-sized companies, which make up the majority of the sector and have to enter the region and the consortia in the area. We must take advantage of the boost that is being given to the defense industry due to the geopolitical moment we are currently experiencing”.

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General information about World Defense Show 2024

Founded by Saudi Arabia's General Authority for Military Industries, World Defense Show 2024 will showcase the future of defense through technological developments from around the globe. Be part of the second edition and experience a wealth of unique networking, world-class show features and dynamic demonstrations.

Under the esteemed leadership of HRH Crown Prince Mohammad bin Salman, Prime Minister, and Chairman of the Board of Directors of the General Authority for Military Industries (GAMI), World Defense Show will host its second edition in 2024.

Taking place from 4-8 February, World Defense Show 2024 is dedicated to creating the ultimate B2B event for the defense industry, which also supports its relevant ministries and authorities and reinforces the national commitment to the growth and success of the show.

LOCATION

The WDS venue is located approximately 70km from central Riyadh and takes approximately 45 minutes travel time by car via one main highway.

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