

*SPANISH PAVILION*

**ESPAÑA**

# 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 Eurosatory 2022 brings together 20 exhibitors who show their latest technological developments and most innovative products.

The Spanish industry attends Eurosatory 2022 showing the competitiveness of its companies, the effort they make to maintain their technological leadership in important areas of the production chain and their consolidation as strategic partners in the most relevant international programs.

The Spanish Pavilion is located in Hall 6, stand J427, of the Paris-Nord Villepinte Exhibition Center.

The Spanish Association of Defence, Security, Aeronautics and Space Technology Companies (TEDAE) brings together more than 85 companies that cover the chain of design, development and production of aerospace, security and defence systems, for their marketing and maintenance. These include main contractors and system suppliers, along with small, highly specialized companies.

TEDAE coordinates the Spanish Pavilion at Eurosatory for another year, developing one of its priorities: the internationalization of the Spanish defence industry and the promotion of its companies and products.

Spanish Defence, Security, Aeronautics and Space companies contributed 1.47% of the national GDP and generated nearly 50,000 direct jobs with high technical qualifications. Its turnover exceeded 11,400 million euros, of which 9% was allocated to R&D&I activities and 50% corresponded to exports (2020 data).

TEDAE represents and promotes its members nationally and internationally, especially in Europe, through the ASD (Aerospace and Defence 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 Defence sectors in Spain.

ARQUIMEA is a Spanish multi-sector technology company that operates globally in highly demanding sectors. Founded in 2004, today it boasts more than 15 years of experience. ARQUIMEA cooperates with the Ministry of Defence, NATO Armed Forces and with the leading companies in the defence sector, to address the current and future operational requirements of the Armed Forces. The objective is to equip them with new capabilities and technologies in order to make their missions safer and more effective.

The company has engineering, manufacturing, integration and testing facilities, including a clean room, vacuum chamber, electronics labs, machining centres for quality control tests and trials, with top-of-the-range machinery and the latest CAD and CAM tools.

Its product portfolio includes electronic and information devices and systems to enhance the capabilities of mortars; the development of Remotely Piloted Aircraft Systems (RPAS) and, in close collaboration with VIASAT, the development OF a dual on-board satellite terminal, capable of operating in both X and Ka bands.

ARQUIMEA boasts extensive experience in aeronautical maintenance of turbines, avionics, critical components and aerodynamic instrumentation, equipment and tooling for the leading companies in the aeronautical sector in projects such as MRTT, A400M, Eurofighter and F18.



**Manuel Martín Flórez**  
Managing Director in ARQUIMEA Aerospace and Defence

*"Eurosatory exhibition is a great opportunity to showcase our new technologies and solutions for the Armed Forces. For the first time at this fair, we are going to show our innovations in electronic devices for mortars, in multipurpose drones and our capabilities in manufacturing and telecommunications, with the aim of improving the capabilities of the armies and the navy. With this fair we reinforce our global presence as a technology company in the defense sector and seek to establish new synergies and opportunities to continue growing".*

We design, develop and market airborne systems in the fields of Emergency, Security, Defense and Aerospace. We provide technological solutions that maximize the efficiency in operations such as maritime surveillance, emergency communications, and border control. Our products have been subjected to technical evaluations by end-users from Spanish and international Emergency, Security and Defense institutions; and some are already being operated by important international organizations.

- Likeseeker is the airborne system that detects and locates mobile phones. It can be integrated on manned and unmanned vehicles.
- easyCATCHER detects and locates mobile phones from UAVs. For Security and Defence missions.
- The LTE Communications Cell allows to create a private cellular network for the terminals connected to it. Services such as encoding can be added, guaranteeing a safe communication channel.



**Javier Chamorro**  
CEO

*"CENTUM is a company specialized in the development of Sensors and Payload Systems in the fields of communications and signal intelligence. With more than 15 years of experience in the Defence, Security and Emergency sectors.*

*Our participation in an event with such tradition and renown as Eurosatory gives us the opportunity to show our new products and capabilities: COMINT sensors (special emitters) and on-board communications systems. With the aim of promoting business opportunities among our international customers, as well as establishing new business ties with potential markets.*

*Eurosatory also represents an important meeting point to strengthen our relations with the industry for future programmes in the field of Defence and Security".*

EINSA is a Spanish company with more than 40 years of experience which designs, develops, and manufactures advanced ground support equipment as well as all-terrain logistic and tactical light vehicles.

It is considered as a benchmark in the international Aviation GSE Industry. This is due to its policy of continuous improvement which in turn is established in its engineering capacity, its commitment to excellence and the development of high expertise in numerous technological areas such mechanics, hydraulics, electronics, protection systems to enable the equipment to operate in potentially explosive environments, electromagnetic protection, et al. The strategy of company growth through development, complemented with a continuous commitment to investment in R&D&I, have allowed EINSA to develop a range of equipment to such an extent that today it has the capability to offer a turnkey project for the start-up from scratch, of any given military base or civil airport.

For this EUROSATORY edition, EINSA is exhibiting its Special Forces Light Vehicle (NETON) recently supplied to the Spanish Special Forces to meet the most stringent requirements.

**David Ayala Galán**  
CEO



*"EINSA is a privately owned Spanish company, HQ in Alcala de Henares (Madrid) who has been providing World Class Ground Support Equipment for Military and Commercial Customers since 1979. It also has two subsidiary companies namely EINSA UK and EINSA USA, based in Peterborough and Miami respectively. Our equipment are operating in more than 60 countries and we offer a portfolio of over 500 different equipment and ancillaries. For this new edition of Eurosatory we are exhibiting our NETON vehicle, of which 24 units have recently been supplied to the Spanish Special Forces. It is a vehicle specially designed by EINSA to meet the demanding requirements of the Special Forces. The NETON is a vehicle whose main feature is its speed, being able to reach 160 km/h in off-road conditions with a load capacity of up to 1 ton. It has a capacity for 4 soldiers plus a shooter standing in the position of the upper central ring of the vehicle where different types of weapons can be attached".*



Escritano Mechanical and Engineering, SL is a world-renowned Spanish company in the defense and aerospace sector, with over 30 years of experience. Founded in 1987 it is still 100% family owned.

EM&E designs, develops and manufactures their own systems, having a full capability of production, quality control, and validation of nearly 90% of their products. With capabilities in electronical, mechanical and optical manufacturing, EM&E offers a wide range of systems, including but not limited to:

- Remotely Controlled Weapon Stations (RWS) for land, naval and air use.
- Electro-Optical Systems for advanced observation, tracking and vigilance.
- Guided Ammunition Kits for different types of munitions, guided by GPS and semi active laser.
- Simulation software for training purposes.

EM&E is based in Madrid and in 2022 has over 500 employees and 45.000m2 facilities, in addition to their own, 80 hectares Research and Testing center, El Viso Valley.

### Ángel Escritano CEO



*"After a long wait, the greatest showcase of land and air-land defense is once again a reality. In a context of conflict in Ukraine and of health crisis, the importance of having solid and competitive national and European defense capabilities that are capable of responding to the needs of the European Armed Forces has been demonstrated. A period of changes, of new challenges, of new technologies is approaching, in which Escritano M&E will be present contributing with its know-how and new developments. Now more than ever, the creation of consortia and cooperation has become the backbone of the development of European defense capabilities, and the projects of the European Defense Fund are a good example of this. For all these reasons, Escritano M&E will exhibit at Eurosatory 2022 its best technologies in the field of Remote Weapon Stations, Ammunition and Rocket Guidance Systems and Electro-optical Systems. We look forward to seeing you at our booth located in the Spanish Pavilion (booth J-427 Hall 6)".*



EXPAL Systems develops, manufactures, integrates and maintains a complete range of high-performance products, systems and services to meet the current and future needs of Air, Land and Sea Armed Forces. We are a trusted ally in over 60 countries adding safety, precision and advanced systems to any mission.

EXPAL has carried out an evolution of the on-board mortar system Dual EIMOS 81mm platform under the UTEX Experimental Tactical Unit program with the SDGPLATIN. A highly mobile system with deep wading capacity, automatic fire control and integrated with TALOS command and control system, following the Navy's landing operations Requirements and at the same time seeking the greatest versatility also for Land applications.

**José Manuel Fernández Bosch**  
CEO



*"EXPAL posee una completa integración vertical y excelentes capacidades industriales. EXPAL diseña, fabrica y valida íntegramente todos los componentes clave de la munición como son espoletas, vainas, estopines y cargas de proyección, lo que garantiza la máxima calidad, seguridad y efectividad logística. La compañía ha integrado en su core business, tanto industrial como tecnológico, los tres elementos críticos en la munición de nuestro portafolio: Propulsantes y Material Energético, Espoletas, Metalurgia, una de las ofertas destacadas en Europa con estas capacidades bajo los más altos estándares de la NATO. La sólida experiencia en municiones, fuertes capacidades de integración de tecnología y presencia global, permite una facilidad de adaptación a necesidades específicas, tanto en los productos suministrados a las Fuerzas Armadas, como en apertura a alianzas con terceros".*

GMV is a privately owned technology business group founded in 1984 and trading on a worldwide scale in the following sectors: Aerospace, Defense and Security, Cybersecurity, Intelligent Transportation Systems, Automotive, Healthcare, Telecommunications and IT for government authorities and major corporations. In 2020, it had revenues of nearly 260 million euros. Working with a staff of over 2,300, the company now runs subsidiaries in Spain, USA, Germany, France, Poland, Portugal, Romania, UK, The Netherlands, Malaysia and Colombia. Seventy five percent of its turnover comes from international projects on all five continents. The company's growth strategy is based on continuous innovation and it plows back 10% of its turnover into inhouse R&D. GMV's activities in Defense and Security include command and control systems, intelligence, surveillance and reconnaissance (ISR) systems, navigation, foot soldier systems, cyber defense, and simulation and training. It is also specialized in the development and commercialization of new generation Defense unmanned systems - UAS - and is a leader in the development of avionics systems (A400M, ATLANTE, etc.).

**Manuel Pérez**  
**General Manager of Defense and Security sector**



*"Eurosatory is a major event on the European defense scene, and participation in this type of international trade fair is an extremely valuable tool for companies. A company may well be a leader in the development of services and solutions, but in order to display its knowledge and experience, it needs some kind of showcase. As in previous years, Eurosatory is expected to bring together the entire sector, offering an opportunity to build and strengthen ties with new and long-standing clients. Likewise, the range of participants in events as important as Eurosatory is so wide that it is possible to establish other types of commercial agreements. There is no doubt that this type of event can provide companies with magnificent business opportunities. GMV will be there to showcase the knowledge and technological capabilities it has achieved in the areas of aeronautics, defense, and security over more than 35 years through its participation in top European programs".*

Company with 20 years of experience in the Defence, Security and Civil Emergencies Sectors in the supply of Field Camp Equipment, Tactical Shelters, Logistics and CBRN Defence. Our clients belong to the military and civil emergency fields and we have references mainly in NSPA / NATO countries.

Our core business comprises the design and manufacture, sale and maintenance of quick-set-up outdoor structured, polyvalent and modular, tents, field logistics accessories, Hangar tents and CBRN Protective products. All this, for applications as diverse as camps, command posts, field hospitals, accommodation, decontamination stations, COLPRO systems and CBRN individual protection. Our participation in EUROSATORY is due, on the one hand and mainly, to having a production center in France, and on the other, to the fact that the EU/NATO Market is our main area of activity, as well as to the fact that it is the largest Defense Exhibit in the World.

We understand that our policy of 100% European products must set a new trend in the defense industry.

### **Laurent Seryes** **Director**

*"i-4S, a company with production centers in France and Spain, has been offering 100% European quality products for two decades. Our tents are based on a versatile and modular metal exterior structure, which has been proven over the years to be a reliable solution for our customers, with a quick assembly system, that requires little maintenance and has an easy-simple-fast and practical repair system, which brings a benefit above all, on the ground.*

*Since our inception, our main customer portfolio has come from NATO/EU member estates, highlighting countries such as Spain, France and the United Kingdom.*

*Eurosatory is the world's reference Defense Fair, which will be attended by our main Western clients, in addition to those markets in which our presence is less.*

*This edition is an opportunity to claim the importance of an independent and self-sufficient European Defense Industry; give visibility to our technology and innovation, as well as confirm the benefits of our systems compared to other existing ones; show our solvency after having survived since our foundation, a global crisis in every decade and; present the latest developments even in accessory materials.*

*We look forward to welcoming you at our stand C170 – pavilion PE6b".*



Indra is a leading global technology engineering company for the aerospace, defence and mobility sectors. It is its clients' principal technology partner for digitization and key operations worldwide. Its team of experts and its in-depth knowledge of those businesses and the latest technology, and its leadership in major European innovation programs and projects to design the next generation of technological solutions, give it a differential offering and enable Indra to lead unique, highly innovative projects that will transform the future of these sectors on a global scale in the coming years. Indra (www.indracompany.com) is one of the leading global technology and consulting companies and the technological partner for core business operations of its customers world-wide. It is a world-leader in providing proprietary solutions in specific segments in Transport and Defense markets, and a leading firm in digital transformation and Information Technologies in Spain and Latin America through its affiliate Minsait. Its business model is based on a comprehensive range of proprietary products, with a high-value focus and with a high innovation component. In the 2021 financial year, Indra achieved revenue of €3.39 billion, more than 52,000 employees, a local presence in 46 countries and business operations in over 140 countries.

**Manuel Escalante**  
**Director of Defense and Security**



*"For some time now, Indra has led the development of the disruptive technologies that are speeding up the digitization of the world's most advanced armies. We strive to reinforce Europe's security and technological sovereignty, advocating pioneering solutions that stem from our commitment to innovation and the ongoing cooperation with an ecosystem of companies, universities and research centers across the continent that enables us to efficiently and quickly innovate. Indra has always played a key role in major international defense programs and has supplied cutting-edge systems to countries in every corner of the globe. We are currently the Spanish industrial coordinator of the NGWS/FCAS, the largest and most advanced European defense program. We work at strategic command and control centers and in cyberdefense management to facilitate the performance of multi-domain missions. Our anti-drone defense systems protect the armies of several countries and our state-of-the-art transportable radars enhance our clients' security and deployment capacity. We also excel as a pioneering company in electronic defense systems, which are currently essential for operations in any environment. We have also developed mission and battlefield management systems that multiply the capabilities of armored and wheeled combat vehicles. These are some of the developments that place us at the forefront of global technology and make us the best possible partner in meeting the challenges facing the world of defense as posed by the digital transformation".*

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 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-tools, aerospace, medical care, lifting equipment, cranes, and all 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. These 50 years give us a special reason to celebrate this year."*

*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."*





MADES provides industrialisation services, manufacturing, testing, integration and support of critical electronic systems in leading defence, aerospace, new space and naval programmes in Europe and the United States.

These services are backed up by ISO9001, EN9100, PECAL AQAP2110 and Nadcap 7120 certificates, and are subject to constant improvement thanks to the MADES Six Sigma and lean management methodology, implemented as part of our industry 4.0 business culture. All these factors have allowed MADES to consolidate its position as an industry leader.

Particularly worthy of note is the company's involvement in programmes for Airbus A400M and C295, Eurofighter, Tiger helicopter, General Atomics Predator B, armoured vehicles, naval communication systems, European and North American missiles and satellite constellations in Low Earth Orbit (LEO).

MADES keeps expanding its boundaries and services portfolio. In the recent years MADES has entered the new space sector, is providing repair and lifetime support services, has forged alliances with EU companies, has opened office in the US and has been recently acquired by the Latécoère group. All, to better serve our customers.

### **Cristóbal Subires** CEO

*"MADES has 30 years of experience managing critical applications in aeronautics and defense; bringing its high-reliability manufacturing expertise to complex proyectos, MADES provides mission critical built-to-print electronic systems to the aerospace and defense markets. Multiple customers awards endorse MADES excellent performance and service."*

*In this Eurosatory edition we are pleased to announce that recently MADES has become part of Latécoère group. Latécoère is a "Tier 1" international partner of the world's major aircraft manufacturers (Airbus, Boeing, Bombardier, Dassault, Embraer and Mitsubishi Aircraft), and serves aerospace with innovative solutions for a sustainable world. The Group is active in all segments of the aeronautics industry (commercial, regional, business and military aircraft), in two areas of activity of Aerostructures (fuselage sections and doors), and Interconnection Systems (wiring, electrical furniture and airborne systems).*



*As of December 31, 2021, the Group employed 4,764 people in 14 countries. MADES will contribute to Latécoère's position in the EU and US Defense market segment and will create significant synergies within Group's Interconnection Systems division as well as reinforcing the Company's #1 position for avionic racks.*

*Latécoère will strengthen MADES' long term position and will help us serving our customers better".*



nammo.com

Nammo Palencia manufactures small and medium caliber combat and training ammunition for the Spanish AAFF and their allies.

Since its foundation more than 75 years ago, the Fábrica de Armas de Palencia (Nammo Palencia since 2013) has been at the service of the Spanish AAFF and their allies supplying their products: 5.56 and 7.62mm, 12.7mm light cartridges ammunition or medium calibers mainly for 20mm, 25mm, 30mm, 35mm guns or high speed 40mm grenade launchers. Our products are qualified and certified according to the main standards such as NATO and MINISDEF qualifications. The high level of quality and reliability of our products is recognized with the confidence of the main AAFF and NATO. As an example, Nammo Palencia is a member of the expert group "NATO Team of Experts" on 30x173mm ammunition.

#### **Antonio Llamas** CEO

*"At events like Eurosatory exhibition is where we take the chance to present the wide range of small and medium caliber ammunition produced at Nammo Palencia. This is a great frame to have face-to-face meetings with our customers and suppliers, contacts even more valued after last couple of years restrictions due to Covid.*



*At Nammo Palencia we manufacture products to the highest performance and quality, covering the requirements of the Spanish Armed Forces as well as many other countries, among which are included most of NATO members. Ammunition, for training as well as for combat, produced by over 200 employees highly skilled, are qualified and certified by the highest standards. Range of products covers from 5,56mm, 7,62mm and 12,7mm for small caliber ammunition and 20mm, 25mm, 30mm, 35mm y 40mm for medium caliber ammunition. All of them ready in different configurations according to the different needs of each situation.*

*As part of the Aerospace and Defense group Nammo, the "Fábrica de Armas de Palencia" (Palencia Ammunition Factory), Nammo Palencia since 2013, we want to extend our over 80 years of history supporting our Armed Forces as well the ones from all allied countries".*

Spanish state-owned company leader and reference in the development of new technologies applied to the defense and security sector. Navantia is an international company offering global solutions to clients and partners around the world, from design to lifecycle support.

Our wide range of services and our complex systems integration experience enables collaboration with our customers to find the best solution to meet their needs. Applying 4.0 technologies to our production plants and smart products is key to being a leading defence company and collaborating with other companies.

At its booth Navantia will present "Surveillance Exploration Reconnaissance Targeting system" (SERT) in a SHELTER and will be delighted to carry out demonstrations and explain its functionalities and applicability to any tracked or wheeled vehicle. The SERT is a versatile system that can perform exploration, surveillance and ground reconnaissance functions, allowing the detection, identification and acquisition of targets in both daytime and nighttime conditions, or with reduced visibility.

**Alfonso Cardona**  
**Commercial Director at Navantia Sistemas**



*"Eurosatory is an indispensable exhibition to showcase Navantia's products and new developments in the Defence sector in Europe. We have participated in EUROSATORY for more than 15 years showcasing our Surveillance Exploration Reconnaissance and Targeting "SERT" system which is installed in various army vehicles. This year we will have it on display in our booth in a shelter equipped with the mast and sensor suite destined for the new Spanish Army 8x8 Dragon program, and we will be delighted to show how it works to the many visitors which we hope will visit the Spanish Pavillion in Hall 6. In addition to the SERT system, we will be delighted to present our other Army and Security products, including our Battlefield Management System, Air Defence System, Coastal Surveillance System, Port Security System, and Unmanned Vehicles with their associated Command and Control Systems".*

Born in the Motorsport world over 30 years ago, Piedrafita has been participating in major national and international defence projects for over 20 years. The company's multidisciplinary and highly qualified team enable it to offer extremely innovative solutions which can be found in many of the most important current tracked platforms.

#### Piedrafita Systems: Kinetics

Be it new vehicles, retrofits or upgrade programmes, Piedrafita's hydraulic rotary dampers offer the best characteristics in the market.

#### Piedrafita DefPower: Power Distribution

DefPower provides a wide range of innovative solutions, mounted on various modern state-of-the-art military vehicles. PDUs are now replacing traditional fuse-relay systems, providing important advantages.

#### Piedrafita Prognostics: Testing & Prognostics

At Piedrafita we believe in vehicle instrumentation throughout the vehicle's entire lifetime, from the development initial stages with vehicle testing to its entry into service enabling vehicular prognostics.

Piedrafita offers a wide range of ad-hoc services:

- Command and control ballistic software integration.
- Built-to-spec product development tailored to the client's needs and requests.
- Lightweight development: weight reduction and optimisation of products.



**Luis Corral Diez-Hochleitner**  
CEO

*"For us at Piedrafita, 2022 will be our first year with a stand of our own. After the cancellation of Eurosatory 2020 due to the Pandemic, Eurosatory 2022 will offer a wonderful opportunity to reconnect with our clients and spark our growth in the defence sector. We are extremely proud to be represented in this world renowned fair where we can exhibit our most innovative products in all our business lines: from our iconic hydraulic rotary dampers to our latest HUMS developments, passing through our solid-state power distribution solutions. We hope that this edition will give us the opportunity to establish strong relations with the defence industry and we are confident that it will be every bit as successful as past editions".*

Santa Bárbara Sistemas is part of the General Dynamics European Land Systems (GDELS) group, managed by the General Dynamics Corporation. It is one of the leading companies in Armored Vehicles and Artillery Systems in Europe and employs around 1,000 highly qualified workers at its centers in Spain (Trubia, Seville, and Madrid). Designs, manufactures, and maintains armored vehicles on tracked (PIZARRO / ASCOD) and wheels (PIRAÑA 8x8), as well as artillery systems (SIAC 155/52 Howitzer).

The SAPA Group is a leader in technologies for the mobility of heavy vehicles in the field of Defense and has facilities in Andoain (Gipuzkoa) and Detroit (Michigan). It is one of the most recognized companies in transmissions for both wheeled and tracked heavy vehicles as well as in energy generation, storage and distribution systems for those. SAPA is a company with a long tradition and relationship with the Defense industrial sector, mainly in Spain, which has participated with its own technology in the vehicle programs that the Ministry of Defense has launched in recent years.

**Nicola Buoninconti**  
Commercial Director



*"SAPA is a world leader in mobility and power generation technology for land, air, and naval platforms. The company's 450-year history and technological leadership guarantee our dominance in the defense industry. This year we are particularly excited about our participation in the prestigious Eurosatory 2022 International Defense and Security exhibition, after the forced cancellation of the 2020 edition, since we exhibit at our stand the main products developed for our customers: high-efficiency transmissions - the ACT family for tracked vehicles and SW transmissions for wheeled vehicles -, 700 V power generation systems, high power and low noise Auxiliary Power Units and, especially, our flagship, the powerpack for the new armored vehicle VCR 8x8 Dragon of the Spanish army.*

*Technology, innovation, and commitment to continuous improvement are our main pillars".*

Tecnobit – Grupo Oesía is the Grupo Oesía Company specialized in the design, development, manufacture and maintenance of cutting-edge technology products in avionics equipment and systems, electro-optical sensors, Data Link tactical communications systems and personal encryptors with SCIP protocol. In addition to simulation centers that are a clear example of technology transfer.

Grupo Oesía is a Spanish multinational dedicated to technological and digital engineering, which develops and implements projects in 23 countries. It has more than 3,200 professionals in 15 corporate headquarters spread across Spain and Latin America, generating quality employment and helping people grow in technical careers. Throughout its 45-year history, it has innovated products and services that benefit more than 2 billion people around the world in the fields of health, defense and security, telecommunications, finance, logistics and the food industry.

The Group also has the company specializing in guidance, navigation and control systems for unmanned aerial vehicles UAV Navigation – Grupo Oesía. Its systems are characterized by their robustness and reliability and are used in a wide range of UAVs/UAS/RPAS from Tier1 aerospace manufacturers.

**Luis Fumells**  
CEO

*“TECNOBIT-Grupo Oesía is a reference company in the Defense and Security sector, and we are attending this new edition of Eurosatory, to consolidate our leadership in the sector, showing the international market our wide range of solutions, products and services.*

*Thanks to our great capacity for innovation, we have positioned ourselves internationally as a reliable partner for the development of highly competitive products, which is why our clients recognize us as a loyal, reliable supplier committed to the strong vocation of always being at the service of the client.*

*Actually we are participating in the most technologically cutting-edge European projects such as: the VCR 8x8 Dragon, Leopard 2E Tank, the F-110 frigate and submarine S80, NGWS/FCAS, Eurofighter, MRTT and A400M, Galileo system, and also, in the SpainSAT NG satellite and other New Space projects We will be present at this great international meeting of the industry to reinforce our commitment to create a future in which technological innovation responds to the challenges of our planet and its inhabitants, improving people's lives and optimizing the use of resources for present and future generations and contributing to the national sovereignty of our country with strategic technology”.*





tsdinternational.com



With more than 30 years of experience, TSD has become a world leader in the design and manufacture of special vehicles and bespoke projects.

We are specialists in providing solutions to the needs of organizations, companies and individuals around the world, by integrating the most advanced knowledge in materials and technology, and always involving the end user in the whole process.

Our products focused on the defense sector include, in addition to our IBERO vehicle, which, in its different versions, is a vehicle suitable for covering all types of missions; specialized military bodyworks, command posts, border control and surveillance vehicles, shelters and customized armoured vehicles, among others.

Currently, we are present in more than 80 countries around the world, accompanying the customer at every stage of the product's life cycle, from project conception to after-sales service.

**Antonio Ramírez**  
CEO

*"For TSD it is a pleasure to be present in one more edition of Eurosatory, which is for us the opportunity for the presentation of our products in the field of Defense and Security.*



*On this occasion, in addition to participating as exhibitors in the Spanish Pavilion, you will have the opportunity to see one of the versions of our IBERO vehicle in the "Live Demonstrations" that are organized in the outdoor area.*

*IBERO is a tactical vehicle, manufactured to manage a wide variety of scenarios around the world, highlighting its great ergonomics and habitability, as well as its versatility and modularity, allowing the composition of its rear area can be adapted to the operational needs of the user, which together with its high off-road performance, ensures mobility in the most demanding situations, passenger comfort and operating skills.*

*We look forward to greeting you personally during the exhibition and sharing our interests about the Sector and the Industry".*



URO, Vehículos Especiales, S.A. (UROVESA) es una empresa que diseña, fabrica y comercializa vehículos especiales todo terreno para uso militar y/o industrial. Con una gama completa desde vehículos ligeros a vehículos tácticos de alta movilidad, camiones todo terreno y vehículos blindados.

UROVESA es proveedora del Ministerio de Defensa de España (Ejércitos de Tierra, Mar y Aire) ininterrumpidamente desde 1984.

En la actualidad, UROVESA comercializa sus productos en más de 26 países en Europa, África, Medio Oriente, Asia y Latinoamérica tanto para aplicaciones militares como policiales e industriales.



**Justo Sierra**  
**CEO**

*"UROVESA has been present at Eurosatory uninterruptedly since 1996, and we continue to consider this fair as a great showroom in the defense sector and especially of land platforms internationally. Most important for us is that, from the very first time, every two years we have had the opportunity to present brand new vehicles as well as their new versions, giving relevant visibility to these developments before a global professional audience. Therefore, Eurosatory has been and continues to be a very relevant impulse for our export activity, and we can say that this fair has strongly supported our international expansion".*

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## General information about Eurosatory 2022

EUROSATORY is an event that brings together national and foreign companies, in order to be able to show cutting-edge technology through a physical and virtual exhibition of products and services. It benefits the Armed Forces and Police in the modernization processes in terms of defence technology. As a technological exhibition, it promotes negotiation alternatives between national and foreign companies.

The organization of the Exhibition is the responsibility of GICAT (Association of French Terrestrial Defense Companies) and COGES (General Commissioner for Exhibitions and Exhibitions of GICAT), with the support of its Ministry of Defence, through the DGA (General Delegation for Armament) and the French Army.

It is an event of international reference within the calendar of the defense industrial sector, with more than 1,800 exhibitors, 50% of them international, from more than 60 countries.

### LOCATION

Parc des Expositions Paris Nord Villepinte  
ZAC Paris Nord 2  
93420 Villepinte (France)  
LOCALIZACIÓN