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Ministry of Foreign Affairs
and International Cooperation



ITALIAN PARTICIPATION AT INDEX ASIA 2025

06 - 08 MAY 2025
CHANGI EXHIBITION
CENTRE, BOOTH M25

ITALIAN MINISTRY OF DEFENCE



**ITALIAN TRADE AGENCY**

ITA - Italian Trade Agency is the Governmental agency that supports the business development of our companies abroad and promotes the attraction of foreign investment in Italy.

With motivated and modern organisation and a widespread network of overseas offices, ITA provides information, assistance, consulting, promotion, and training to Italian small and medium-sized businesses. Using the most modern multi-channel promotion and communication tools, it acts to assert the excellence of Made in Italy in the world.

The network. Through its headquarters in Rome, an office in Milan, a global network of 69 offices and 18 correspondence points in 74 countries linked to Italian embassies and consulates, the Italian Trade Agency provides information, assistance, promotion, training and co-operation in the industrial, consumer goods and services sectors. The Italian Trade Agency collaborates with Italian regions, Chambers of Commerce, Industry and Trade Associations and other public and private organisations.

Every year, ITA worldwide offices carry out hundreds of promotional projects and provide personalised services and assistance to thousands of Italian companies. The Italian Trade Agency also assists and supports foreign companies that want to establish or expand business and trade relations with Italian companies or to invest in Italy.

The main services offered to Italian companies by the Italian Trade Agency to increase the flow of exports and investments between Italy and the rest of the world are:

- information and assistance
- identification of commercial partners
- visits to international trade shows and industrial districts
- support for investments abroad

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 Italian Trade Agency

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D-Orbit is a market leader in space logistics and transportation services with a track record of space-proven technologies and missions.

Founded in 2011, D-Orbit is the first company to address the logistics needs of the space market. The company manufactures and

operates ION Satellite Carrier, its proprietary OTV, and aims to become a key player in the in-orbit servicing market.

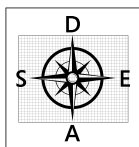
D-Orbit has offices in Italy, Portugal, the UK, and a US team focused on bus design, manufacturing, and commercialization.

Products

ION Satellite Carrier is a space vehicle that can transport satellites in orbit and release them individually into distinct orbital slots, accommodating multiple third-party payloads requiring in-orbit testing. ION can also be rented for edge computing applications and space cloud services, providing satellite operators with storage capacity and advanced computing capabilities in orbit. D-Orbit is also developing GEA,

a modular spacecraft designed for in-orbit servicing missions, particularly in geostationary orbit. Additionally, the company is developing NOX, a Synthetic Aperture Radar (SAR) satellite equipped with MetaSensing's StarSAR-X system, offering high-resolution imaging to support applications ranging from environmental monitoring to national security.





DEAS
DIFESA E ANALISI SISTEMI

DEAS - DIFESA E ANALISI SISTEMI S.P.A.

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DEAS – “Difesa E Analisi Sistemi” - is an Italian company mainly voted to the provision of high added-value cybersecurity services. The company was thought and built to operate in partnership with

Institutions and Defense. Since its establishment in 2018, the company has experienced continuous growth in production value and workforce.

Products

Leading provider of high-added value cybersecurity services.



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Founded in Florence (ITALY) in 1993, **ELDES** is market leader for Radar Solutions in the Defence and Meteorology sectors.

Through almost 30 years in the Radar Systems market, ELDES has invested every year a significant share of the revenue in R&D developing its expertise and its products, starting from basic components to end up with complete solutions under its own Brand.

Always market and customer oriented, ELDES develops and manufactures excellent solutions designed to be agile, innovative, and usable in the most varied markets and operational contexts.

ELDES is the world leader for "HWIL Programmable Radar Simulators" and Software Defined Radar (SDR) solutions, opening new perspectives for the validation of Radar and Electronic Warfare Systems.

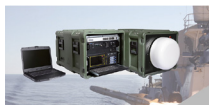
Products

To make the most of the strategic advantage deriving from the dominance of the electromagnetic spectrum, Electronic Warfare systems and related libraries need tests to determine the real effectiveness of the EW techniques applicable against potential threats.

ELDES has redefined the concept of validation by allowing an accurate simulation of the radar threats, simulating not only the transmitted pulses, but also the receiver, signal processing and logics, included the ECCM. The simulation of specific "Threat Radar" can be performed in both Laboratory and open range.

ELDES, has thus applied its know-how to create innovative Programmable and Hardware-in-the-Loop (HWIL) Simulation Solutions for the Assessment of EW and RADAR systems.

- E-PRS: Hardware-in-the-Loop Programmable Radar Simulator for ESM/ECM assessment.
- E-PSS Poseidon – Ground Version: Hardware-in-the-Loop Programmable Seeker Simulator for ESM/ECM assessment against Anti-Ship Missiles (AShM)
- E-PSS Poseidon – Avionic Version: POD mounted Hardware-in-the-Loop Programmable Seeker Simulator for ESM/ECM assessment against Anti-Ship Missiles (AShM)
- E-RES: Hardware-in-the-Loop Programmable Radar Environment Simulator for Radar/Seeker ECCM assessment





EXPLORER CASES BY GT LINE

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GT LINE was established in Bologna, Italy since 1970 and specialized in the production of technical cases. With its EXPLORER CASES product range

is the most innovative company on the market, reaffirming its leadership position in Europe.

Products


Waterproof cases for extreme applications in medical, navy, aerospace, military fields. Ideal to protect and transport sensitive equipment, they are exceptionally resistant to impacts, corrosion, water, dust and atmospheric agents. Certifications: Def Stan 81-41 and Stanag 4280 and are rated as

waterproof and dustproof to IP67 specification levels. Made in Italy.





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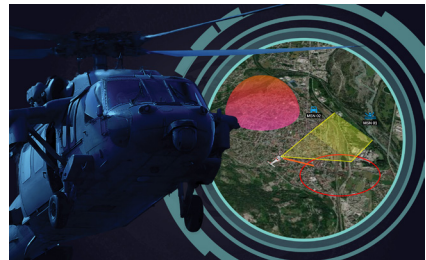
FlySight, a controlled company of the Flyby Group, is a leading provider of cutting-edge software solutions for enhanced real-time situational awareness, mission planning, and debriefing in the Defence & Security sector.

The company flagship product is OPENSIGHT, an informative geographical system which offers processing capabilities, Augmented Reality visualization and information dissemination.

Products

OPENSIGHT - It is a versatile, multi-domain, multi-platform and modular solution with an open-code architecture. It is a cost-effective system that excels in both on-board and on-ground applications. It exploits real-world information within a synthetic environment, creating a Common Operating Picture (COP) for various scenarios, seamlessly managing georeferenced data, and offering

innovative geospatial information management solutions. **OPENSIGHT Mission Console** - It is the key solution designed for Airborne Platform, leveraging onboard equipment data within an Enhanced Reality setting to optimize Situational Awareness on tactical Display. Moving map and ar capabilities tailored for avionic payload operators.





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INTERMARINE is a subsidiary of the IMMSI industrial Group (IMS.MI) which also includes brands such as VESPA, PIAGGIO, APRILIA, MOTO GUZZI and is world leader in design and construction of **Minehunters** in FRP (Fiber Reinforced Plastic), able to operate inside the minefield and to resist to the underwater explosion. After the acquisition of Rodriquez Cantieri Navali, specialist in aluminum shipbuilding, the company expanded its range of production in Defence and Civilian market, and continued investing heavily in technological researches devoted to the best development and exploitation of the construction materials, FRP and aluminum, for Minehunters, Fast Patrol Boat and Search and Rescue ship. Intermarine, in July 2024, signed a new contract to supply the **New Generation Minehunters** to the

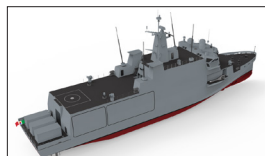
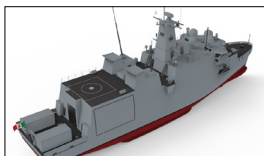
Italian Navy in order to completely renew the mine warfare fleet. The new project is a concentrated of technology where flexibility, modularity and safety are key elements of the success. The **New Minehunters will be able to perform traditional mine warfare operations, while using unmanned vehicles as gap fillers and force multipliers**. Thanks to these potentials, the New Generation Minehunter overcome the mine warfare by covering all aspects of underwater operations being effective in the **seabed surveillance to protect underwater critical facilities** (oil & gas pipeline, offshore, communication underwaters cable, etc...). Furthermore, Intermarine is particularly concerned about customer needs in designing and developing the best solution for both construction and support during the operational life of the ship.

Products

Intermarine shipyard designs and manufactures military and civilian vessels. The main focus is represented by the Minehunter made of composite material, globally recognised as a prestigious unit able to operate inside the minefield. Indeed, USA, Australia, Finland, Algeria, Malaysia, Thailand and Nigeria have chosen the Intermarine minehunter for their mine warfare fleet. With the New Generation Minehunter, new project to renovate

the Italian mine warfare fleet, Intermarine made a huge leap forward in technology, providing a new platform with a strong integration soul in order to meet all client's operational requirements.

Moreover, Intermarine built Survey Ships and Fast Patrol Boats in composite material or in aluminum, suitable for law enforcement and SAR (Search and Rescue) missions.





BLADDER FUEL TANKS

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Since 1994 **M.E.RIN** team designs, manufactures and tests customized flexible, crashworthy and self-sealing fuel tanks in house to maintain total control of the quality and safety of each product prior to delivery. At M.E.RIN it is our mission to produce

high quality customized fuel safety systems built on the back of a true spirit of partnership with our clients. This forms the basis of our culture of innovation. Merin's Quality System complies with ISO 9001 and AS/EN 9100 certifications.

Products

Flexible fuel tanks for aircrafts, drones, rotorcrafts, missiles, armored tanks.



TRACKED ARMORED VEHICLES
SAFETY FUEL TANKS

BLADDER FUEL TANK


AERONAUTICAL
FUEL TANKS
&
DROP DRUM
OIL LAMPERS (FUEL LAMPERS)

WHEELED ARMORED
VEHICLES
550 P GAL. FUEL TANKS

GROUP CODE	550 P	1100 P	1650 P	2200 P
Drop Drum	1.00	1.00	1.00	1.00
Oil Lampers	1.00	1.00	1.00	1.00
Drop Drum + Oil Lampers	2.00	2.00	2.00	2.00



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MetaSensing has specialized in Synthetic Aperture Radar hardware and applications since 2008. With products across multiple frequency bands (P to Ka) and global projects, it is a key player in SAR for ground, airborne, and space applications in both commercial and defence markets.

MetaSensing provides airborne acquisitions for future satellite missions and develops advanced, high-performance SAR payloads with full polarimetry, electronic beam steering, and scalable design.

Products

STARSAR-X

The StarSAR-X is MetaSensing's high-performance X-band radar system, featuring advanced radar technology. Weighing 152 kg, it includes a fully phased array with digital multichannel electronic steering in both azimuth and elevation. The system measures 1868 mm when closed and extends to 3200 mm when deployed. Its state-of-the-art design supports all SAR imaging modes: Stripmap, Spotlight, ScanSAR, and TopSAR, offering exceptional versatility for diverse applications.

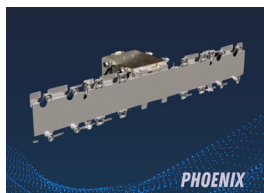
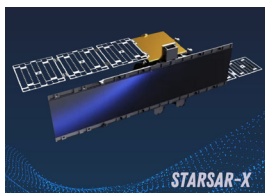
PHOENIX

Phoenix is a spaceborne payload designed for the strict weight limitations of microsatellites, starting at just 50–60 kg. Despite its light weight, it delivers high performance through a modular X-band Synthetic Aperture Radar (SAR) system. Its advanced architecture features a compact setup

of high-power amplifiers for efficient energy use and a slotted waveguide antenna that reduces energy loss, ensuring optimal performance.

GUARDIAN

The Guardian is a cutting-edge, lightweight Synthetic Aperture Radar (SAR) operating in the X-band, designed to resist jamming. Tailored for Intelligence, Surveillance, and Reconnaissance (ISR) over both land and sea, it features a hybrid scanning system that combines mechanical antenna movement with electronic beam steering. This enables real-time, wide-area monitoring—from long-range detection to identifying small targets. With its advanced Moving Target Indication (MTI) mode powered by Space Time Adaptive Processing (STAP), the Guardian can detect, track, and geolocate moving targets, from fast vehicles to walking individuals.





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