

LAZIO AEROSPACE AT FIA 2022

HALL 1 ITALIAN PAVILION
STAND NR. 1448



REGIONE
LAZIO

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This is a time of great opportunities for Italian Space. In fact, there are many, and highly ambitious, international activities, both within the current ESA programme (and hopefully in the next three-year plan 2023-25, soon to be defined) and in the form of bilateral cooperation with other countries that see Italian space playing a leading role.

To these must be added the equally important national plans, which have found even greater impetus thanks to the PNRR funds earmarked for space and the resources of the European Commission's new space programme envisaged in the multiannual financial framework 2021-27. This is the playing field of a fundamental game for the competitiveness and technological autonomy of Italian and European industry.

Lazio is home to the heart of the national space industry: it is the only region where industrial and research skills are present that are capable of operating along all stages of the supply chain. We are therefore pleased to present the 14 Lazio companies, who are present on the Lazio Region stand at the 2022 edition of the Farnborough Air Show, where we are pleased to return after the stop due to the pandemic.

As a Region, we are betting decisively on our aerospace industry, which represents an extraordinary vector of innovation and economic and territorial development. We therefore intend to continue to do our part to ensure that our region's companies and start-ups are able to consolidate a leading role at national and European level.

Thanks to the funds of the new 2021-27 programming period, which have almost doubled compared to the previous seven-year period, we will support the research and innovation activities of enterprises, technology transfer from research to enterprise, and the development of innovative startups and research spinoffs in the areas of our Smart Specialisation Strategy (RIS3), among which Aerospace has been a priority sector since the last programming period.

The competitiveness of an area today rests on the presence of cohesive, integrated innovation ecosystems capable of collaborating on the major technological and social challenges that the digital and ecological transitions impose on us. Aerospace in Lazio is already all of this and represents an important benchmark around which to build the Lazio of the future.

Paolo Orneli
Regional Councillor for Economic Development, Commerce and Crafts,
Universities, Research, Start-ups, and Innovation of Lazio

LAZIO COMPANIES



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ARS ELECTRONICS manufactures highly reliable **RELAYS, TIMERS & SENSORS**. Our main capabilities are to replace **OBSOLETE** devices with alternatives that are 100% equivalent in **FIT, FORM & FUNCTION** and to develop & manufacture any kind of product according to customers' specifications. Assembly and test are carried out in our Italian factory. **ARS ELECTRONICS** is proud to offer an extensive line of products which comply with **MIL-STD-810G & DO160**.



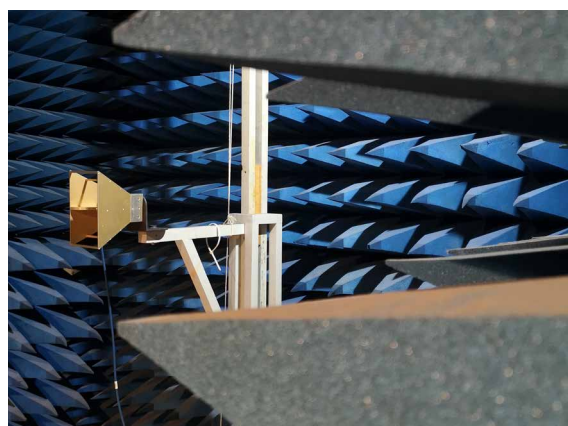
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CELAB operates in testing and certification fields in Italy and around the world. It is specialized in providing the following services: CE Marking, Assessments as Notified Body, Certification of Conformity, Voluntary Certification for Import-Export, Testing Laboratory for CE Marking (Electromagnetic Compatibility EMC, Electric Safety LVD and Radio Equipment RED); Testing Laboratory for Environmental Qualifications and Mechanical Simulations; Pre-shipment Inspections, Second Party Audits, Attestations.





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Deep Blue is an R&D company operating on a European scale for 21 years. We are the first Italian SME for European projects won and completed, and the fourth in Europe. Our research activity focuses on the role of the human in Safety Critical and high-tech systems. We are an international team specialized in Human Factors, UX/UR, Safety and Security, Data Management, Communication and Dissemination in complex scenarios.



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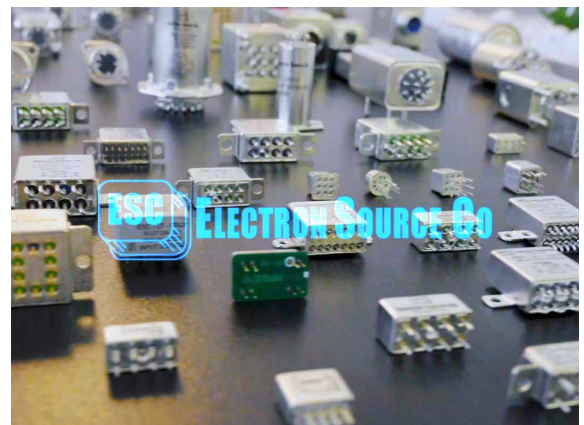
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Electron Source Co has accrued 30 years' experience manufacturing high performance electromechanical relays, solid state relays, timers and various electronic sensors like voltage sensors, frequency sensors, current sensors, phase sequence sensors for the Aerospace and Defense industries.

The Company has the knowledge and a strong experience in reproducing obsolete items with the same Fit, Form & Function of the original device by new design or reverse engineering.

An MRO smart solution!





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EuroLink Systems is a 27 y/o Italian company specialized in distribution, support and added-value services for hardware, software and data management products in the embedded electronics segment. In 2009 EuroLink Systems approached robotics.

These technologies serve as a baseline to support the Beluga UAV drone. Beluga is a multi-mission platform for Industrial, Military, Transportation and Scientific Research markets.



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EuroUSC Italia S.r.l. provides consultancy on regulation and safety in the drone sector. Involved in the major regulatory and standardisation bodies, we help our customers with knowledge and methods that are always the state-of-the-art.

We provide support to anyone wishing to produce or operate drones and we deliver training courses about aeronautical regulation and safety.

We developed SAMWISE (www.online-sora.com), a tool to carry out risk assessments according to the SORA methodology.

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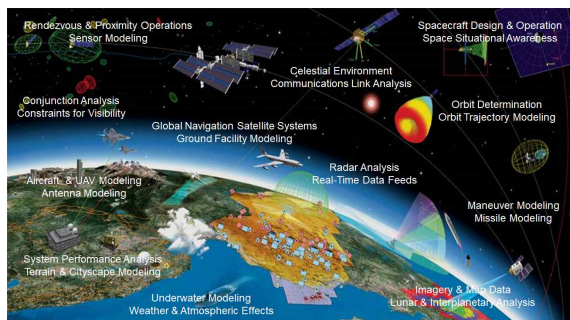
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GM SPAZIO is active since 2005 in Aerospace, Defense, Homeland Security and ICT Markets, offering high level technologies focused on 4Ds (Space + Time) Synthetic Scenarios Management, helping customers to manage: Space Surveillance & Tracking and Space Situational Awareness, Border Patrol Control, Missile Defense Network Modeling, Satellite Remote Sensing Projects, Complex Simulation Scenarios, and UAVs Surveillance. Products, Services, and Training for Integrated and Customized Information Systems, and customized software applications and services.



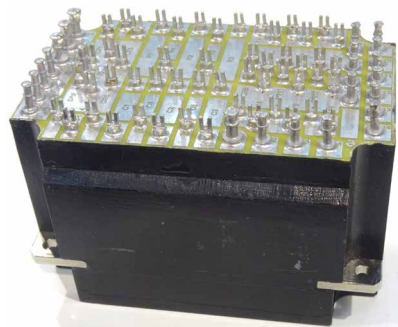
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HTT is a SME focused on design, manufacture and value-added services for HiRel and VHiRel Custom MAGNETIC DEVICES and POWER ELECTRONIC EQUIPMENTS for Aerospace and Defense. With over 30 years of extensive hardware/software design and manufacturing experience, our team is able to offer t-key solutions and problem solving in collaboration with main research institutes and universities for the industry players across Europe. HTT supports customers and partners from the very first design stages with a 360° cooperative approach, long term heritage in design and manufacture projects, innovative products and solutions.





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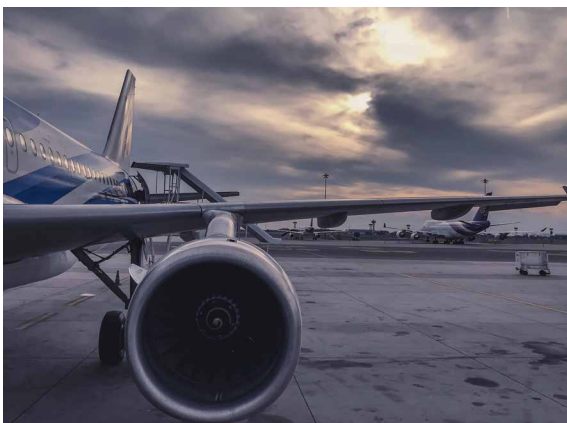
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Med Technology operates in the Aeronautical, Railway, Space, Military and Naval sectors as distributor and Service Provider in particular of Chemicals and Raw Materials of high technology products.

The Management has over 30 years of experience and the same passion of the first day, and the Company implements its work standards thanks to a professional, dynamic and efficient technical and administrative staff, guaranteeing solid and reliable partnerships.



Progetti Speciali Italiani srl

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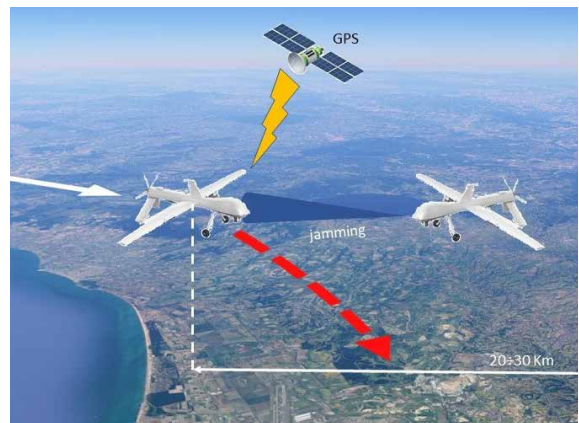
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Progetti Speciali Italiani Srl (PSI) is an Italian SME, 100% owned by Italian shareholders specialized in the development of High Performances Cubesat, Microsatellites and UAV with their relevant payloads for Dual Use Application for EO, SAR, ELINT and METEO.

PSI with his SME partner forming PSI Group, has a total turnover of about 20 Million euro and involves 200 people.





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Interconsulting Engineering (ICE) is part of the RINA group since 2021. It is a System Engineering Company providing added value solutions and services for Aerospace market. Since 2001, ICE has been involved in several projects with the major Italian Aeronautics and Avionic System Integrator Companies, mainly belonging to Leonardo Company. ICE has developed safety critical certifiable HW and SW components for Ground and Onboard modular platforms, to be installed on manned and unmanned aircrafts.



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Innovative SME focused on research and experimentation of products and services using TLC, Earth Observation and Navigation satellites. The main products:

EMMA - Digital Multipurpose Platform to service mobile systems operating in extreme environment

GABBIANO APP to support flight navigation of Ultralight, General Aviation aircrafts and UAV by weather forecasts and real-time meteo-data observations via satellite connection.

MULTITRACK APP to trace mobile users (terrestrial, marine and aeronautical) via GSM and SAT connection.





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Since 1998 Superelectric focused its activities on the development of multispectral georeferenced EO Sensors. SUPERELECTRIC designs and develops multispectral and Hyperspectral imaging systems for aircrafts, drones and turret-based observation devices.

SUPERELECTRIC is present at FIA 2022 with:

- systemONE M4T AI based Imaging Spectrometer
- T360 Thermal Radar Antidrone with AI Tracking
- DCS High resolution Thermal Visible dual camera system
- OCULUS: CUBESAT VIS-NIR Hyperspectral sensor



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Tecnologie Avanzate S.r.l. is an Italian Company with twenty-year reputation in the production of composite parts for aerospace market.

The processing of composite materials, such as carbon fiber, glass fiber and others, is the core of T.A.'s capabilities, which transforms them into structural components and more, which are then assembled by its customers, on many models of aircraft.

T.A, thanks to its competitiveness, technologies and to the very high quality of products, has among its customers some of the world's leading companies in the aerospace market.



LAZIO STARTUPS

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Delta Space Leonis S.r.l. is an Italian innovative start-up, founded in 2021, to make the access to space cheaper and closer to people. We design and build nano and pico satellites for in-orbit demonstration, components validation and scientific experiments, with applications in: Agriculture, IoT, automotive and telecommunications. We aim to offer the technologies and potential needed for space exploration on a small scale by strategically lowering prices to reach a greater catchment area.



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Omica was founded in 2014 by the convergence of experience and skills of a talented team of professionals who have always been involved in the design and implementation of complex systems in the Space & Defense and ICT sector.

Omica has also developed a missile tracking system (UVCTRUCK-1020170000351 01) that works using multispectral imaging techniques for informational detection, thus significantly increasing the ability to influence the threat itself.



BIG PLAYERS





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In 2022 Italy, with the city of Colleferro, Rome and the aerospace company Avio S.p.A., are the presidency of the CVA Community of Ariane Cities and the first European Capital of the Space from Italy. The Capital will not only resolve itself in a celebratory event. Training, Technology, Culture and Industry are the main categories of an extra district program, which will see its own culmination, in the creation of the new SPAZIO Colleferro Museum with Colleferro Innovation HUB project.



Cofinanziato
dall'Unione europea



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