WHEN IT COMES TO AEROSPACE, LAZIO IS AIMING HIGH

FARNBOROUGH INTERNATIONAL AIRSHOW
11-15 JULY 2016

regione.lazio.it
LAZIO AEROSPACE SYSTEM

Aerospace & Security in Lazio has a global competitive advantage, both in terms of industrial and research expertise and in technical-scientific competences. In 2004 DTA (Lazio Aerospace Technology District), the first Italian aerospace technology district, was established in the Framework Agreement (APQ) signed by Lazio Region, the Ministry of Economy and Finance and the Ministry of Education, University and Research.

Lazio Innova, the regional agency dedicated to innovation, finance and economic development, manages the DTA in accordance with Lazio Region Smart Specialization Strategy.

A complete value chain, from research to services:
- Advanced materials
- Air, maritime and airport traffic management world-class systems
- Aviation MRO&U Services
- Nano and Microsatellite Systems
- Satellite electro-optical instruments, flight sensors and equipment for payloads
- Satellite ground segments, terminals and applications (EO, SAT-COM, SAT-NAV)
- Space launch services
- Stratospheric platforms
- Unmanned Air Vehicle

Lazio Region renews its support to the local enterprises taking part in the 2016 edition of Farnborough International Airshow, with great conviction.

FIA remains one of the most important sectoral events worldwide, with the participation of the major players of aerospace and security. Businesses, institutions and the world of research and technology meet here every two years to exchange information, to envisage opportunities and to start collaborations.

Lazio is here in Farnborough with its distinctive excellences, that constitute a complete aerospace industrial chain, from research at the frontiers of knowledge, to a production system made of small and big enterprises, taking part in many civil and military, European and global programmes.

Aerospace and security are two of the Areas of the Smart Specialization Strategy that constitute the basis on which our action to support economic and productive development is built. They have a long-established tradition, and they are characterized by the presence of real “goldmines” of advanced technologies, and by the concentration of extraordinary skills in big, medium and small enterprises. All this makes the aerospace system of Lazio a key-driver for innovative technologies, that can find applications in other sectors and that can act as a driving force for the competitiveness of the whole regional industry.

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From health and wellness to food safety, from sustainable farming to efficient use of natural resources and raw materials, from climate and environment protection to integrated transports and security: there are some of the application areas for aerospace technologies that can contribute to the rising of quality and capacity of our entire production system.

Aerospace industry is one of the priority levers to count on for integrating Lazio in the global value chain. This is the main goal of the Regional Government led by Nicola Zingaretti, that concretely supports - with almost 300 million euros - the competitiveness repositioning of Lazio production system, with actions fostering innovation and internationalisation of businesses.

18 small, medium and big businesses are hosted in the Lazio Region space at FIA 2016. You will find all of them described in this catalogue. As further evidence of the will and the capability to combine great innovation and presence in the global arena.

Guido Fabiani
Regional Councillor for Economic Development and Production, Lazio Region
More than 5 billion euros turnover
30,000 Employees
250 Companies
10 Research Centres
5 Universities
6 Among Incubators, Accelerators and Technology Parks
4 Faculties of Engineering
12 Engineering University Departments
30 Higher Education University Programs
3,000 University Professors, Researchers and other Specialists involved in Aerospace R&D

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Our mission is to design, develop, qualify and manufacture products and supply services dedicated to ensuring the survival of defense/security forces, as well as supporting helicopter, aircraft and land vehicle operations. The Airborne Division provides survival systems, engineering and product support service for helicopter Industry (Emergency Flotation and External Liferaft Systems - Flexible, Crashworthy and Self-sealing Fuel Tanks). All Systems meet and exceed EASA, FAA and US-DOT standards.

CELAB is a testing laboratory operating in Military, Avionics and Aerospace. It’s member of RTCA and EUROCAE, working groups for DO-160 & ED-14. CELAB is specialized in: Environmental Qualifications; Mechanical Simulations; Biological Tests on customer specifications; Laboratory tests: DO160, ED44, MIL STD 810, MIL STD 461, STANAG, EMC, LVD, R&TTE/RED and many more Notified Body for the CE marking Assessment for EMC, LVD and R&TTE/RED Directives.

Cloud for Defence is your ideal partner for your cloud computing systems security. Based on an offer of integrated services, Cloud for Defence is the specialized network that assures the highest standards and know-how for any issue concerning cloud computing security. Cloud for Defence is a partner of Cloud Security Alliance Italy, part of CSA, the international organization that promotes the use of best practices for providing security assurance in cloud computing.

Manufacturing of mechanical parts for electronic systems, high precision processes for metal removal (milling, turning, grinding) using highly technological and modern CNC machines in the fields of aerospace, microwave technology and defense. Dimac mechanical parts are used in the production of integrated circuits, hybrid circuits, RF circuits and assemblies for civilian and military aircrafts, major military projects as well as spaceflight applications.
Electron Source Co is a quality system certified company, having more than 25 years experience, manufacturing high quality level of electromechanical relays, solid state relays, timers, voltage sensors, frequency sensors, current sensors, phase sequence sensor. The company has the knowledge to reproduce obsolete items with the same Fit, Form & Function of the original device by reverse engineering or new redesign.

Company operations are dedicated to help customers managing: Complex Simulation Scenarios, Satellite Remote Sensing Projects, and UAV’s Surveillance Activities, offering Products, Services, Training and know-how to develop Integrated and Customized Information Systems, and customers’ tailored applications and services. GMSPAZIO offers the following services: Support to Design, Develop, Test and Deploy; Customized ICT Satellite Remote Sensing images high level quality Processing; User Added Services for Change Detection; Worldwide, UAV Monitoring and Surveillance services, training on ICT and Remote Sensing and Synthetic, Simulation subjects.

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GMSPAZIO is leader in the field of High Technology Heat Treatments. GRTT operates in order to perform Vacuum Heat Treatments, Gasous Nitriding, Carburizing, Carbontriding, Controlled Atmosphere Hardening and Tempering, Solution treatment and Precipitation hardening. The commitment of the Company in research and development allows GRTT to work with major industries in such sectors as mechanical, automotive, aerospace, biomedical, and energy production. GRTT’s Quality and Environmental System has been fully certified under the standards UNI EN ISO 9001:2008, ISO 2000 and NADCAP accredited for special processes (heat treatment and hardness tests) for aeronautical companies. GRTT has also been qualified by Aerospace and Defence Customers such as Messner-Dowty-Bugatti.

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HTT is a lead designer and manufacturer company for Aerospace and Defence. Transformers and Inductors, Electric motors and Generators, Solar cells, Power Supply and Power Units, Microchips, and also Hybrid Custom Made for Hi-Ral and VHI-Ral critical requirements. With more than 25 years heritage, HTT also offer build to print, reverse engineering and process comply with MIL-PRF-27F, MIL-STD-981, MILPRF-20038, LPP-HREL and testing compliant with MIL-STD-202 and MIL-STD-810. HTT is a ISO9001 company with ENV900 in process. HTT is involved in most of the most important Aerospace and Defense international programs such as Eurofighter, Mirage2000, Mig27, Gripen, E.3A30, A330, EH-101, NH90, T-505, T-55, Aries, Centauro, In T, Leopard, T-60, Empor, FAD5, FREMMI, Sentinel, Gafa, Sentinel, Helo32, Eubalit, and many others in partnership with worldwide companies.
IDS is an independent engineering and systems technologies company providing research, innovation and products in the electromagnetic and air navigation fields for both civil and defense applications. Since 1980 IDS has specialized in providing consulting services for high-tech engineering projects and in developing integrated electromagnetic design solutions and measurement systems for aerospace and naval applications. IDS also produces a range of fixed and rotary wing unmanned aerial systems.

Med Technology works in Railway, Aerospace and Military sectors as representative and distributor for High Tech products. We constantly improve our standards thanks to our high skilled, dynamic and efficient Technical and Administrative Team that can assure you solid and reliable partnerships. Our long experience and our openness toward the market, allowed our Company integrating the Sales Activity to other important ones, such as Assembly creation, Design-in and realization of customized Systems. We consider the Quality as a result of passion, experience and method mixed together along with the work optimization of all our Departments: Accounting, Research and Development, Customer Service. Our Company is certified ISO 9001 and EN 9120.

The Company, established in 1958, started its activity producing precision mechanical parts and assemblies aimed mainly to the military market. To respond to the new demands of the market MES gradually expanded its activities and today with 120 employees and an Engineering department strong of 10 mechanics and electronics engineers (hardware and software) it is in the position to satisfy customers demands, always in full compliance with most stringent quality requirements, with its production and engineering capabilities that today can be divided in three main areas: Mechanics engineering and production; Electronics engineering and production; Opto – electronics engineering and production.

Microlab, established in 1981, is involved in Design/ Consultancy/Manufacturing in Electronics market, in Defence/ Aerospace, Telecommunications, ICT, ElectroMedicals and Alternative Energies sectors. We have designed hundreds of Products for our Customers, much of them being now our close partners. Services: Design, Consulting, Manufacturing, Internationalization Sectors: Aerospace/Defence, Telecommunications, ICT; Energy; Electromedicals. Areas of expertise: Smart Applications/IoT; Satellite; Applications; Imaging; Image Recognition; Microwaves; Antennas; Radar; Telecommunications and IP protocols; Embedded Applications; O.S. Porting on Embedded Systems.
MRONet.it is an Italian network made up of enterprises working in aerospace and defense sector. It can provide manufacturing and maintenance of aircraft assemblies, parts and equipment as well as certification, training and engineering services. With 14 foreign branches worldwide, it's a unique and flexible contact point for MRO providers, air operators, training centers, logistics and financial companies. We developed a new generation of ELT-S and an innovative trolley to help Technicians to carry out installations, maintenance and repair activities aboard the aircrafts in a comfortable, safe and efficient way.

OSIM is a high-tech Engineering, Aerospace and Defense company based in Frosinone 80 km south of Rome with 55 years of manufacturing and engineering experience. Today OSIM produces advanced metal components and products for prime aerospace contractors. In the defense sector the prime product is a fully engineered air transportable field kitchen, adopted by the Italian Army and offered on the international markets. OSIM is currently developing advanced additive manufacturing and MRO capabilities.

PROGETTI SPECIALI ITALIANI Srl (PSI) operates mainly in the following areas: Aerospace; Defence; Homeland Security. The industrial base turnover is about 20 MEuro with about 200 employees. At the date PSI received contracts to perform the following activities for a set of National and International customers: In Orbit Large Infrastructure configuration; Nano/Microsatellites for Dual Use application; Small GEO TLC Satellite Phase B study UAV system and application; Consultancy on the Ground Segment of Large TLC constellation; Large Space Thermal Vacuum Simulator.

SATEC is an independent and privately owned insurance underwriting agency, which operates at national and international level in specialty classes of business since 1993. We offer a full set of insurance products relating to aerospace technology: Satellite and Equipment Pre Launch; Launch and In Orbit; Life Launch Vehicle Flight and Satellite Commissioning; Aircraft Hull; War and Liabilities; Personal Accident; Loss of License Airports; Products, Manufacturers Liabilities; Drone Hull and Liab.
Space Engineering is an Italian space industry leader with more than 27 years of experience in space technologies, now part of the world leading Airbus Defence and Space, Space Systems. The Company has outstanding expertise in research, development, engineering, simulation, prototyping, integration, testing, validation, small-scale production for Space & Ground system and components, owning a significant number of international patents.

Thales Alenia Space, a joint venture between Thales (67%) and Leonardo (33%), is a key European player in space telecommunications, navigation, Earth observation, and exploration and orbital infrastructures. With Telespazio forms the two parent companies’ “Space Alliance”, which offers a complete range of services and solutions. Because of its unrivalled expertise in dual missions, constellations, flexible payloads, altimetry, meteorology and high-res optical and radar instruments, it is the natural partner to countries that want to expand their space program.