

LEAD TECH GROUP

.....your engineering partner



LEAD TECH GROUP

Mission

Lead Tech is an **Engineering Company** skilled in providing Technical Support for the **Design and Development of Technical Publications, Management Software, Industrial Automation Systems and Mechanical Design** for both the Military and Civil fields in the Aerospace, Railway, Naval, and Industrial sectors.

Our services fall within the **Integrated Logistic Support** and include the study, design and planning of activities as necessary to ensure the **Effective, Efficient and Cost-Competitive Support** of systems/machineries during their life cycle.

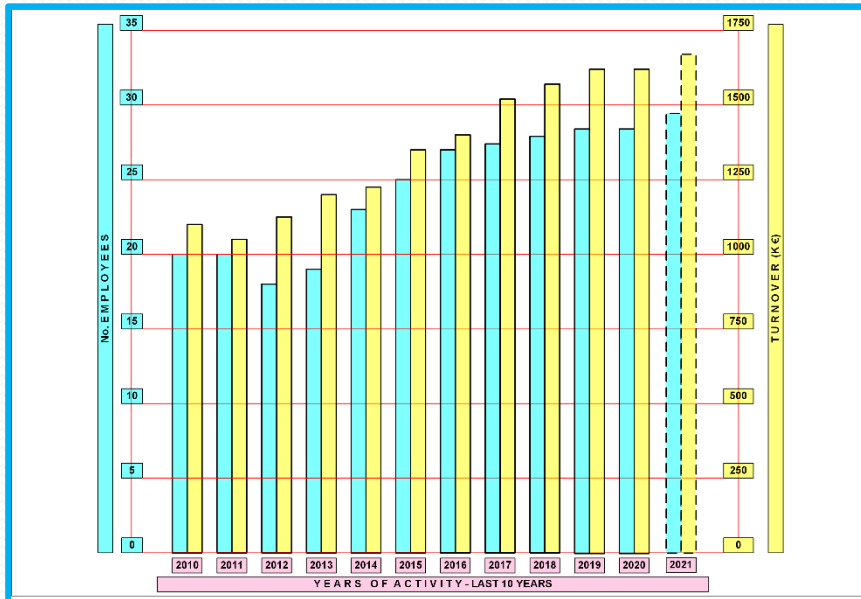
We believe that **Partnership is a key factor** for every Company and the starting point for new projects, new challenges, new opportunities.

Our mission is to offer the **best Customer Care in order to establish more effective, fruitful and durable relationships.**

Lead Tech is certified according to the Standard **UNI EN ISO 9001:2015, EN 9100:2018 and ISO 14001:2015.**

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Organization



COMPANY GROWTH

Lead Tech's activities, which began in 1994, have seen a steady and constant growth in both turnover and personnel over the years.

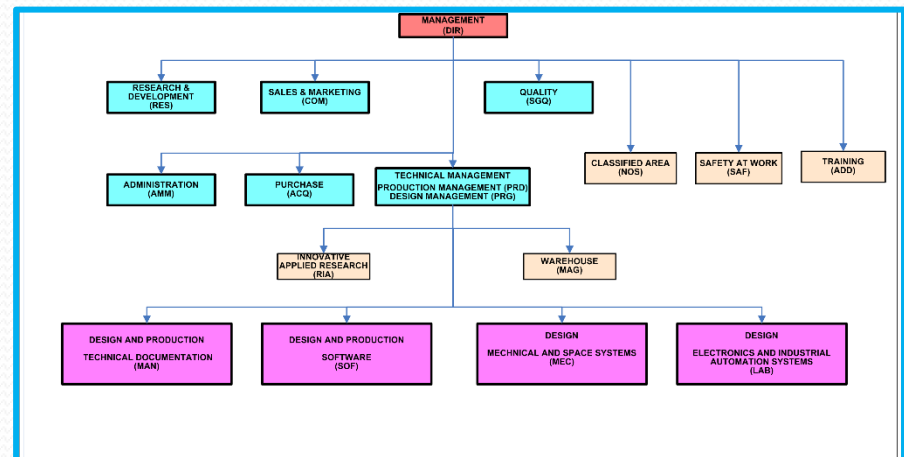
Products and services developed for the main national Customers, are mostly provided to Foreign Final Users.

In order to expand the reference market, for some years now, we have intensified the foreign marketing activity, which has boosted the acquisition of Customers abroad.

COMPANY ORGANIZATION

The careful organization of our activities has always been one of the strengths of the Company.

Our work organization also means quality and is an assurance for the Customer who can always count on a solicitous reference person, staying aware of the progress of the activities.



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Activities

Design and Realization of Technical Documentation

We develop all the activities related to Integrated Logistic Support such as Designing and Implementing Technical Publications, Planning, Maintenance, Drawing, Training, Translations, Prints and Data Entry.

Design and Development of Software

We develop all the activities related to the Design and Development of Software for Business Management, Documentation Management and Maintenance Management.

Electronics Design and Automation of Industrial Systems

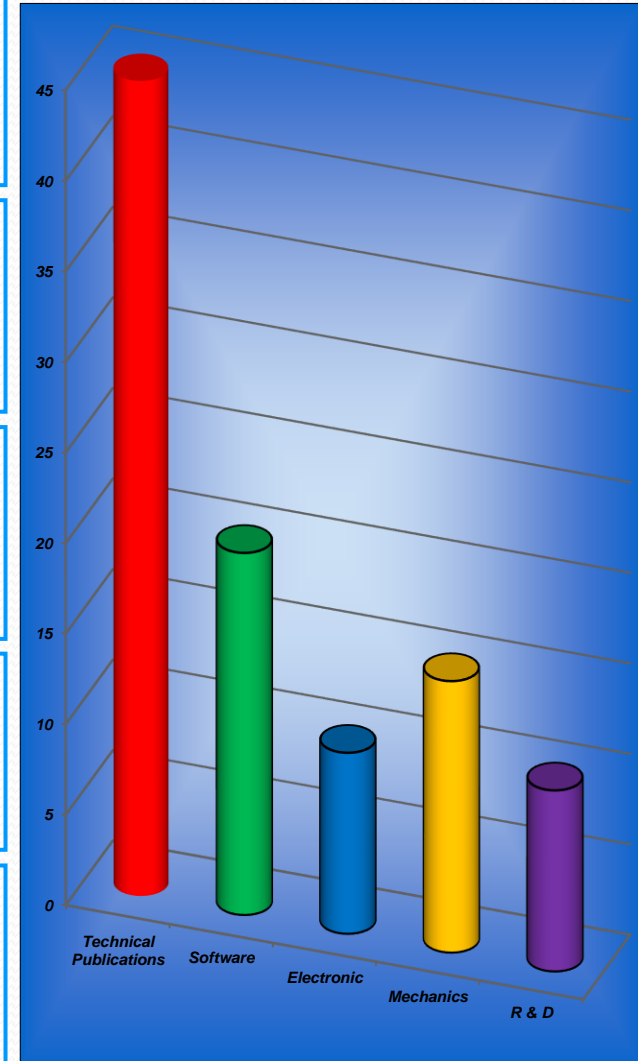
We develop all the activities related to the Design and Prototyping of Data Acquisition Systems, Command and Control for both Hardware and Software / Firmware.

Mechanical Design also applied to Space Systems

We develop all the activities related to the Mechanical Design and, together with our Partners, to the realization of Aeronautical Mechanical Components as well as of Space Systems.

Research & Development

We develop all the activities related to Experimental and Industrial Research in order to increase the Company's know-how and to offer our Partners / Customers more and more innovative and competitive solutions.



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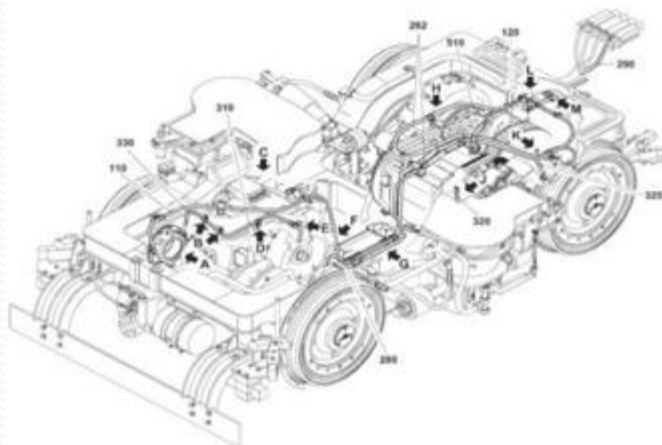
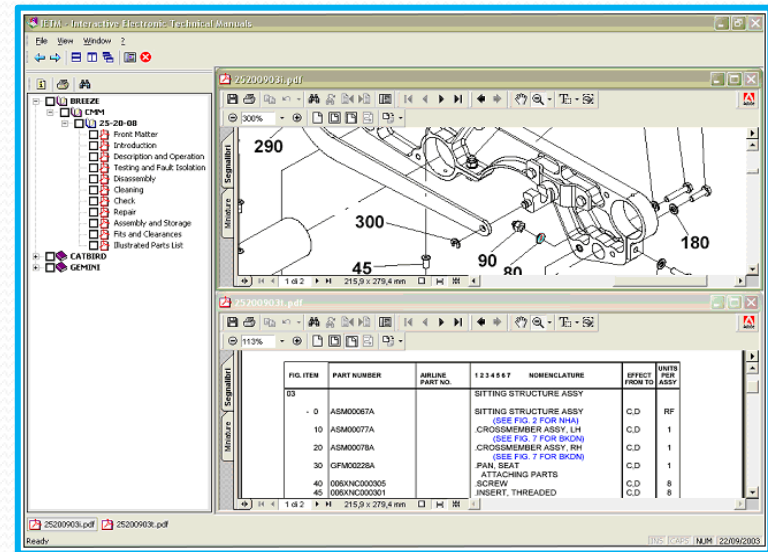
Design and Realization of Technical Documentation

- Technical Publications -

Our Technical Publications are developed with the aim of providing clear and complete information to the end-user and can be realized both in the paper and interactive/multimedia format (pdf, html and xml).

Technical Publications can be designed and developed in accordance with the national and international Standards (ATA, MIL, AER, AECMA etc.) or according to Customer's specific requirements.

Lead Tech also carries out studies aimed at defining maintenance, reliability, maintainability and testability to identify tools and equipment, as well as at planning the maintenance activities and defining the required spare parts.



Main Products and Services

- ✓ Use and Maintenance Manuals
- ✓ Operating Manuals
- ✓ Spare Parts Catalogs
- ✓ Technical Files
- ✓ Tutorials and online guides
- ✓ Training

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Design and Realization Technical Documentation - Technical Publications -

To support the Customer in training activities, Lead Tech designs and develops courses such as Computer-Based Training / Web-Based Training and produces educational documentation for Multi-Language training activities.



The Lead Tech team supports the Customer also with Online Training by means of E-Learning tools for content distribution and education over the web.

Customer Support Services include all of the ancillary, but indispensable, activities to complete production processes.

- ✓ Multi-Language Translations
- ✓ Prints / Plotting
- ✓ 3D prints
- ✓ Data entry

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Design and Development of Software - Management Systems-

Lead Tech designs and realizes customized, simple and intuitive Management Systems to optimize activities and business processes by developing applications based on Customer's real needs.



The LMS - Lead Management System - allows the production, management and editing of S1000D Technical Publications. The "Viewer" application, for the WEB visualization of Technical Publications and the "Maintenance / Palm" application, for the management of Maintenance, operate within the LMS System.



The LMS-RFID System enables the tagging and tracking of aircraft components and systems using UHF passive RFID tags according to the ATA Spec 2000 Ch. 9 standard and according to the standards of the main Manufacturers.



The LAM - Lead Company Management System supports corporate administrative and operational management with particular attention to the management of orders, business documentation and human resources within a Quality Management System that meets the UNI EN ISO 9001 and EN 9100 standards.

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Design and Development of Software - WEB Services and Development of APPs -

To the completion of Software Development, Lead Tech provides Web Services & Web Marketing Services, including the realization of web sites, the development of mobile Apps, and social media marketing, SEO and SEM services.

WEB SITES DEVELOPMENT

With the various solutions offered in the development of a website, Lead Tech takes care of every aspect of its realization by offering a product that the Customer can use by means of any professional, graphically captivating device to add and modify contents through access as User/Administrator in full autonomy.

APPS DEVELOPMENT

Lead Tech specializes in the development of smartphone and tablet applications for both Android and iOS systems. Through a smartphone and tablet application you can enhance visibility for your business or improve your company's work processes.

WEB MARKETING

Through SEO and SEM activities, and some specific skills related to tools such as Google AdWords and email marketing, Lead Tech provides services to make the best use of web channels to develop a company's business network, analyze market trends, anticipate their evolution and create bids targeted on specific customer profiles.

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Electronic Design and Industrial Automation Systems - Human Machine Interface Systems -

Electronic Design was originally limited to Lead Tech's activities with the aim of developing Data Acquisition Systems and connect to the LMS-Maintenance System for Predictive Maintenance Management. Subsequently its target has been extended to prototype design and implementation of Electronic Systems for Command and Control in the Aeronautics, Automotive and Industrial fields.

In Automotive, two HMI's (Human Machine Interfaces) have been created recently, which include an innovative Infotainment System with its own Dashboard.



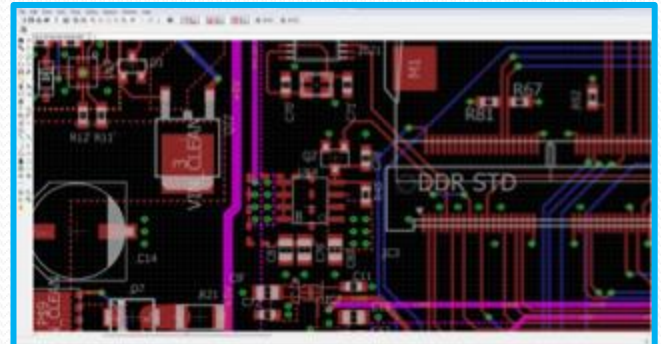
- ✓ Analog-digital speedometer
- ✓ Info-data real-time
- ✓ CAN BUS

- ✓ Audio / Video playback
- ✓ Integrated 4 CH x 30W Amplifier
- ✓ Bluetooth connectivity
- ✓ Radio
- ✓ Air conditioning management interface (HVAC)
- ✓ GSM connection
- ✓ Navigator
- ✓ Gyroscope and Accelerometer
- ✓ CAN Bus



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Electronic Design and Industrial Automation Systems - Human Machine Interface Systems -

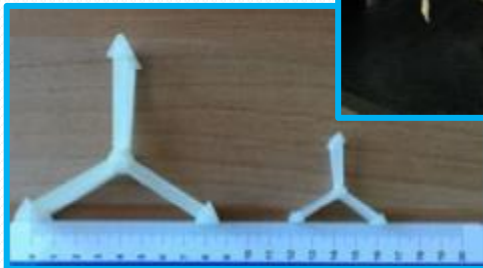
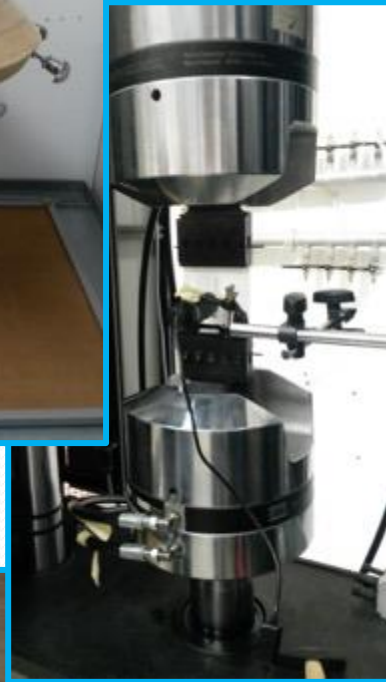


- ✓ Design of control units with embedded microcontroller and microprocessor systems
- ✓ Design and implementation of prototype CNC machines
- ✓ Hardware and firmware design for assisted-pedal electric bicycles
- ✓ Data acquisition systems
- ✓ Design of video surveillance systems for road safety
- ✓ Design of Testing tools for electronic counters
- ✓ Design of Circuit Breaker Testing Tools
- ✓ Design of Electronic Card for Avio Coffee Machine control

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Mechanical Design and Space Systems *- Mechanical Design -*

The Mechanical design activity has been particularly enhanced in recent years, working closely with several Suppliers / Partners to realize Lead Tech-designed prototypes .



Main Activities

- ✓ Test plan
- ✓ Test Run
- ✓ Integration
- ✓ RAM analysis
- ✓ FMECA analysis
- ✓ Realization of prototypes
- ✓ Design of:
 - Mechanical Ground Support Equipment (MGSE)
 - Handling and Logistics Tools
 - Thermal protection systems
 - Deployable systems
 - 3D-Printable systems
 - Whole equipment (optoelectronic, pneumatic, motorized, with network of sensors) for laboratory testing or industrial automation.

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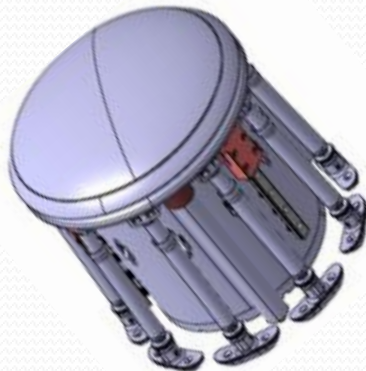
Mechanical Design applied to Space Systems

- Space Systems -



In recent years the Company activities have been extended to Space Systems through the participation of Lead Tech in important Space projects such as MISTRAL, TABASCO and MIFE.

Currently Lead Tech is at the forefront in designing and manufacturing a capsule with a variable-geometry heat shield, capable of entering the atmosphere and landing without parachute and without braking rockets, thanks to the lowest ratio between mass and frontal area ever realized by a space capsule.

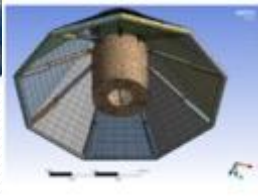
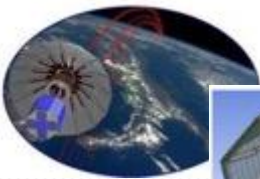


New projects include the development of a proprietary technology for 3D metamaterials with potential applications both in space and industry.

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Research & Development - Activities Developed -

R & D activities are always present and particularly significant within the Company. They have enhanced the acquisition of new technologies and processes that have led to a high level of Company know-how.



Main Activities

- ✓ Design and implementation of a system for detecting and monitoring seismic events in the Bay of Pozzuoli (Naples).
- ✓ Data acquisition system for general aviation.
- ✓ Design and Dimensioning of a Power Distribution System for Microsatellites.
- ✓ RFID system for configuration management
- ✓ Maintenance management system
- ✓ Design of thermal and mechanical protection of microsatellites.

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Research & Development

- Products Realized -



✓ RFID system for configuration and tagging with passive UHF tags according to SPEC 2000 Ch 9 Specification

Besides of improving internal know-how, R & D activities have led to the development of new products that we provide to our Customers.

✓ Flight Data Acquisition System for General Aviation



✓ SW design and development for maintenance management and e-learning platform



TASK - Right wheel removal and installation:

1. Insert joined head in related hole on steering wheel hub.
2. Install nut and tighten, lock it with cotter pin.
3. Install wheel hub on shock absorber assembly and fix it with two bolts M10x57. Use two washers M10 and 1 self-locking nut for each bolt. Tighten nuts with torque 49 Nm.

NOTE

The bolt head must be placed forward.

4. Fix axle shaft with nut M10 and washer M10. Tighten nuts with torque 110 Nm.

VIDEO

Main Customers



Partners



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Certifications and Homologations

Alenia Aeronautica
CERTIFICAZIONE QUALITÀ

N° SQ – 07/003
LISTA APPROVAZIONI
LIST OF APPROVAL

In seguito alla valutazione del Sistema Qualità, effettuata il 22 novembre 2006, codesta Ditta è considerata "QUALIFICATA" con Classe di Qualifica H2 (limitazione: solo Pubblicazioni tecniche e attività correlate). In accordo alla Procedura PAS G 02 e alla D.O. IAX G 02, per la realizzazione delle attività correlate:

Following the Quality System evaluation, performed the 22nd November 2006, "QUALIFIED" as Qualification Class H2 (limitation: technical publications according to the PAS G 02 Procedure and IAX G 02 Operative Procedure, for the realization of the activities correlated to the main activities):

- Pubblicazioni tecniche e attività correlate

Per i seguenti Programmi :
For the following Programs :

- C27 J
- G222
- ATR

Con i seguenti Processi Speciali :
With the following Special Processes :

- N/A

Data/Date : 30/03/07

Il presente Riconoscimento ha validità tre anni dalla data di effettuazione e rinnovata su richiesta di codesta Ditta, almeno tre mesi prima, rimangono invariate le condizioni che ne hanno permesso il rilascio. Il solleva in alcun modo il Fornitore dalle proprie responsabilità contrattuali. This Statement of Approval is valid for three years from the assessed date and it may be renewed on request. The standard quality requirements remain unchanged. The Supplier remains responsible for its contractual responsibilities.

Alenia Aeronautica
CERTIFICAZIONE QUALITÀ

Dichiarazione di Riconoscimento
Statement of Approval

N° SQ – 07/003

Ditta/Company Name : **LEAD TECH S.R.L.**

Indirizzo/Address : **Via Cupa Principe Alla Doganella 9;
80144 NAPOLI**

Siti/Sites : **Via Napoli 123, Palazzo Tecnocity
80013 Casalnuovo (NA)
Via Mezzavia, 28
80076 Lacco Ameno- Ischia (NA)**

Attività/Assessed activities : **Pubblicazioni Tecniche e attività correlate**

Data/Assessment Date : **22/11/2006**

Norma/Assessment Standard : **EN 9100**

Valutazione Sistema Qualità / Quality System Scoring : **85,21/100**

La valutazione del Sistema Qualità è stata effettuata in accordo alla Procedura di Qualità PAS G 02 e alla D.O. IAX G 02
The assessment of the Quality Management System was performed according to the Quality Procedure PAS G 02 and Operative Procedure IAX G 02.

R. del Pezzo
Responsabile Qualità/Head of Quality

I. Negrini
Lead Auditor

Data di rilascio/Issue Date : 30/03/2007

Alenia Aeronautica S.p.A.
UNA SOCIETÀ FINMECCANICA

intertek
Total Quality Assurance

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

LEAD TECH S.r.l.

Certificate Number: 0114094-00

Initial Certification Date:

Via Napoli 141 - C.C. TECNOCTY, Casalnuovo di Napoli (NA) 80013

Has been audited and registered by intertek as meeting the requirements of the standards:

AS9100D, EN9100:2018, JISO 9100:2016 and ISO 9001:2015

The management system is applicable to:

Scope: Design and Production of Technical Publications, Design and Production of Software, Mechanical Design and Space Systems Design and Industrial Automation Systems.

Progettazione e Realizzazione Pubblicazioni Tecniche, Progettazione Software, Progettazione Meccanica e Sistemi Spaziali, Progettazione Elettronica e Sistemi di Automazione Industriale.

The assessment was performed in accordance with the requirements of AS9100D:2015, EN9100:2018 and ISO 9001:2015. The issuance of this certificate, intertek assumes no liability to any party without a signed agreement. This certificate is subject to the organization maintaining their system in accordance with intertek requirements for system certification. Validity may be confirmed via email at certification@intertek.com or by scanning the code to the right with a smartphone. Renewal upon request. 01-000000_0000-000000_1-000000-01-0000-00-01

intertek
Total Quality Assurance

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

LEAD TECH Srl

Certificate Number: 2116994

Initial Certification Date: 17 September 2021

Date of Certification Decision: 17 September 2021

Issuing Date: 17 September 2021

Valid Until: 16 September 2024

Main Site: Via Napoli 141 - C.C. TECNOCTY, 80013 Casalnuovo di Napoli (NA) - Italia

has been registered by intertek as conforming to the requirements of:

ISO 14001:2015

and assessed in accordance with the provisions of Technical Regulation RT-09

The management system is applicable to:

Design and production of technical publications, Software design and implementation, Mechanical and space systems design, Electronic design and industrial automation systems.

IAF: 34

The validity of this certificate is subject to periodic surveillance

intertek Italia SpA is an ACCREDITED body under schedule of accreditation no. 0870, in the issuance of this certificate, intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with intertek requirements for system certification. Validity may be confirmed via email at certification@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of intertek, to which it must be returned upon request.

ACCREDIA
SUA NP 0870
Member of the Accredited Body
Registration Agreement

Intertek
Signature of the Lead Auditor

Calin Moldoveanu
President, Business Assurance

Intertek Italia S.p.A.
Via Miglioli, 2/A
20063 Cerusco sul Naviglio (MI)
ITALIA

LEAD TECH GROUP

Contacts

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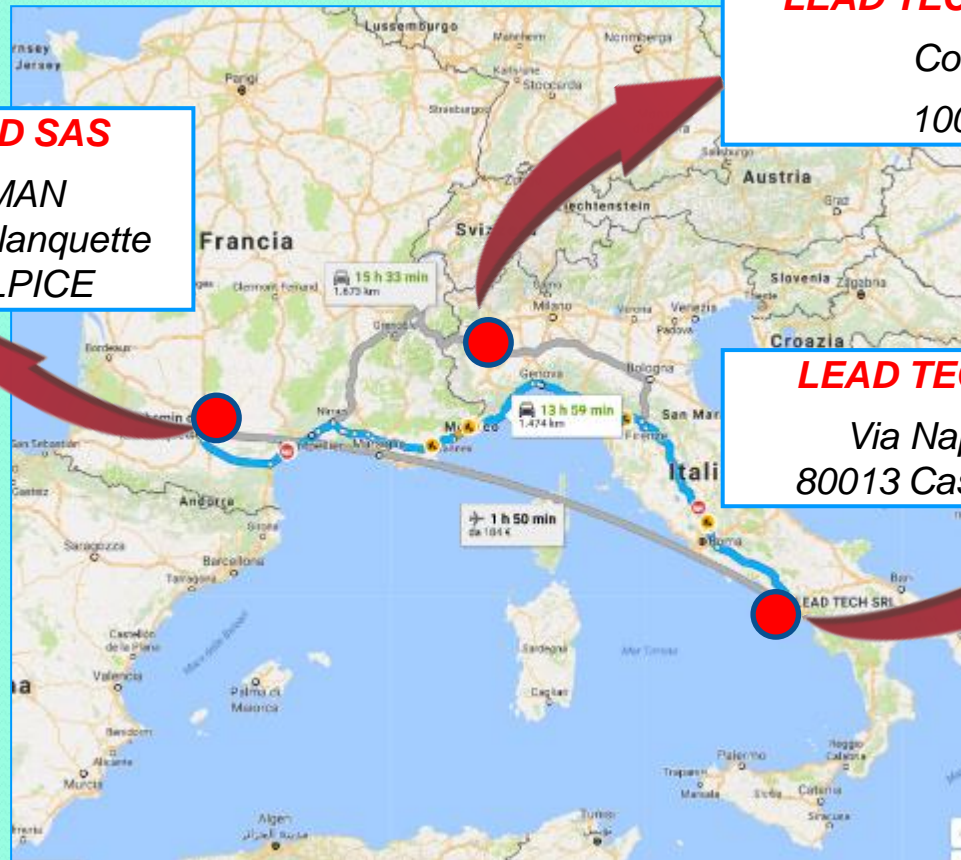
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81370 ST SULPICE

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LEAD TECH SRL– Headquarter

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80013 Casalnuovo di Napoli (NA)



www.leadtechgroup.it