



ETTC 2025

European Test and Telemetry Conference

10>11 June 2025, Toulouse

Upcoming generation of Testing for new mobile platforms and communication systems

Centre de Congrès Pierre Baudis

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05 63 72 31 25 - 06 28 15 07 77

Exhibitors catalog

www.conference-ettc.org/









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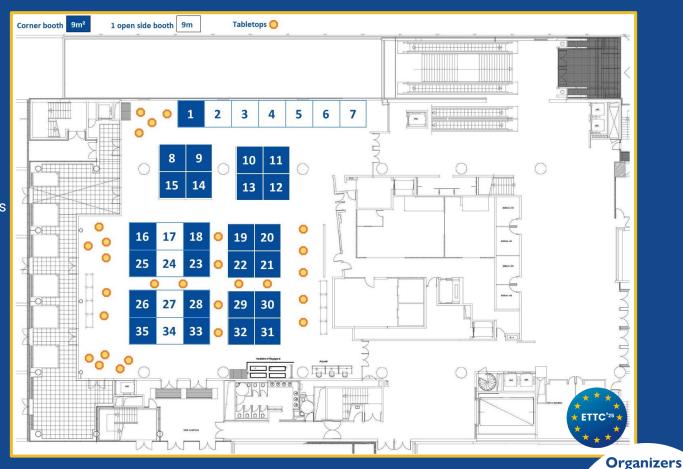
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Created in 1972, 3AF is the French aerospace society. Its mission is to advance the aerospace profession, stimulate progress in the state of the art of aerospace science a technology and represent the profession in public policy discussions.

3AF is a forum for knowledge exchange.

The Technical Committees reunite aerospace experts so as to share experiences, and develop new orientations for research and development activities.

3AF organizes international renowned symposiums to provide forums for international discussion and exchange of information about leading edge research and development activities. These conferences allow cooperation opportunities.

3AF is the only French aerospace society recognized by the international aerospace federation. 3AF is founder member of the CEAS (Council of European Aerospace Societies).

3AF Regional Groups unite local actors of the aerospace industry and research organizations, and organize conferences, debates, visits. They also promote the aerospace profession to the public.

The Student Committee promotes the aerospace profession among students. In order to enhance to work of its members.

3AF gives awards to some of its experts for their contribution to the aerospace community. Strategic and scientific publications for experts and political actors, symposium proceedings, position papers, technological articles and interviews....

3AF provides a wealth of specific publications to its members which enrich their knowledge and vision of the aerospace field.

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The SEE is a non profit scientific association in the fields of Electricity, Electronics, Communication and Information processing since 1883.

The SEE activity includes 19 Technical Groups and 14 Regional Comittees. Their purpose is the promotion and science and technology in their domains, and also the developpement of links between the research and academic world and industry. The SEE rewards the significant contributions to science and technology by distinctions, medals, and awards.

The SEE organises events (lectures, workshops, symposia and international conferences) and publishes proceedings.

The SEE is the editor af a variety of publications including two periodicals:

The REE "la Revue de l'Électricité et de l'Électronique" and the 3EI "Enseigner l'Électrotechnique et l'Électronique Industrielle".

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etep

ETEP is a French company active for more than 46 years in the field of data acquisition, recording and analysis in extreme environmental conditions.

ETEP designs, develops and manufactures data acquisition and recording systems for instrumentation and military or non-military reconnaissance applications. A distinction is made between the areas of application AIRBORNE (= ultra-robust & compact) and GROUND.

For AIRBORNE Application, various range of product exist like DTMUX NANO, DTMUX NANOX, DTMUX COD-R: Modular, independently operating data acquisition systems with integrated logging and telemetry capability. These are Versatile/mission recorder with encryption and self-destruct mechanism for a variety of signals an applications. Crash Recorder like DTMUX sentinel is also available.

For GROUND operation, ETEP have developed Acquisition stations for telemetry (real time and post-processing).

ETEP is economically and legally independent: all relevant decisions such as product change measures, new designs, ect. Can be implemented quickly.

ETEP have in-house development and production, including test lab. ETEP is certified ISO 9001 v2015 and AS/EN 9100 v2018.

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ATMOSPHERE

We are ATMOSPHERE team, a company specialized in satellite communications and aerial connectivity for Flight Testing. We deliver connectivity solutions for whatever flies: aircraft, rotorcraft, UAVs, gliders, parachutes, balloons, HAPS, ...

The answers you might be looking for at ETTC 2025 could be right below!!

Do you face any of these problems?

1- Your simplex communication systems does not fully answer your field connectivity needs?

2- You want to reduce field operations cost?

Fancy to get off-the-shelf, one-stop-shop solutions?

3- You are looking for more flexibility in the deployment, configuration and use of your telemetry systems?

4- You are range-limited with classical line of sight telemetry systems?

Then you will be interested by the benefits provided by our PLANET Flight Test Instrumentation products and service.

1- We offer full-duplex telemetry systems which allow you to share information between air and ground systems or people enabling efficient collaborative flight test missions. Our mobile satellite terminals deliver low-latency IP connectivity with Midband throughput (Iridium Certus 100).

For short range operations, high throughput can be offered with industrial 5G connectivity, or Line of Sight IP Radio systems.

- 2- We deliver turkey solutions: hardware, software and service including satellite airtime and SaaS servers. We can even embark your equipment under test on our test UAVs!
- 3- We have full-stack control of our PLANET Flight Test Instrument systems, and can answer to fast deployment requirements, or any custom integration demand.
- 4- We provide truly Global Line of Sight Connectivity based on Iridium Certus satellite network.

Our main Flight Test Clients are Airbus, Dassault Honeywell, Thales, Safran, DGA, EUFAR, CNES.

For 15 years we have sharpened our expertise in the aviation industry by participating to multiple flight test campaign.

- Scientific/research missions such as the Air Traffic Management Demonstrator 1 project with NASA, Honeywell, Boeing and Airlines. We were rewarded by the NASA Group Achievement Award in 2018.
- Icing certification campaigns (Airbus, Airbus Helicopters, Dassault).
- BLVOS UAV and Balloons operations.

Come to our booth at ETTC 2025 to discover PLANET Flight Test Instrumentation product line and discuss with our experts.

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Alliantech stands as a leading provider in the field of sensors, data acquisition systems, testing equipment, and calibration solutions in France.

It is this comprehensive approach to instrumentation that enables us to deliver technically innovative and economically viable solutions for you applications: aerospace, military, automotive, industry, energies, health, universities, research & development...

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For decades, Curtiss-Wright has been a trusted proven leader in designing and manufacturing cutting-edge commercial off-the-shelf (COTS) FTI product, including data acquisition units (DAU), switches, High Speed cameras and recorders, transmitters, FTRs, Transponders, Transceivers and ground station systems. Curtiss-Wright's modular product approach, combined with its ability to customize offerings where required, enables the rapid delivery of complete system solution. It also ensures that systems can be quickly modified as test programs evolve. By providing total system solution, Curtiss-Wright helps elimate integration issues and reduces design risk so that customers can meet their unique program requirements on schedule and on budget.

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EVOMESURE: Your Trusted Partner for Advanced Measurement and Testing Solutions.

EVOMESURE is a highly regarded sales channel partner, specializing in cutting-edge measurement and testing solutions for a diverse range of industries.

With a steadfast commitment to delivering innovation technology and exceptional customer service, EvoMesure has earned a solid reputation as a trusted name in precision measurement. The company's mission is to empower clients by providing them with advanced tools and tailored that enhance their testing capabilities and optimize performance across various applications.

Headquartered in Baillargues, France, EvoMesure represents a carefully curated portfolio of world-class manufacturers, including D. Marchiori (DMA), Guildines Instruments, Scanivalve, Streamwise, EvoScann, and Wekomm. These partnerships enable EvoMesure to offer clients state-of-the-art instruments for multi-point pressure, temperature measurement, calibration, data acquisition, and aerodynamic testing.

As part of the Evolution Measurement Group, EvoMesure benefits from a close collaboration with its sister company, Evolution Measurement, witch designs and manufactures the renowned EvoScann range of miniature pressure scanners. This collaboration allows EvoMesure to deliver bespoke solutions for clients requiring high-performance aerodynamic measurement tools, particularly in the automotive, aerospace, and motorsport sectors.

- EvoMesure's capabilities extend across a wide variety of including:
- · Aerospace: Supporting aircraft design, flight testing, and component evaluation.
- Automotive and Motorsports: Enhancing vehicle performance through advanced aerodynamic measurements and data analysis.
- Wind Tunnels: Delivering precision multi-point pressure measurement solutions for aerodynamic research.
- · Power Generation: Ensuring the accuracy and reliability of turbomachinery and energy systems.
- · Turbomachinery: Providing testing and calibration tools for turbines, compressors, and related equipment.
- Universities and Research Centers: Enabling academic institutions to conduct cutting-edge research with reliable, high-precision instruments.

Whether your project involves complex aerodynamic testing, precision calibration, or custom data acquisition systems, EvoMesure has the expertise and product portfolio to support your goals. From initial consultation to post-installation support, EvoMesure remains committed to helping clients achieve the highest level of accuracy and efficiency in their testing processes.

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AIRBUS

The Airbus Toulouse-Blagnac site has been at the forefront of aerospace technology for nearly a century. Considered by many as the aerospace capital of the world, it's the largest industrial site in France and the leading aerospace hub in Europe. The talent and skills of thousands of highly qualified employees are at the core of the company's global competitiveness. In particular, Toulouse-Blagnac is home to Airbus commercial aircraft engineering, structural design and testing, flight and ground testing, systems, propulsion, production & more. Airbus offers its customers the opportunity to benefit from the vast array of Airbus highend engineering expertise and state-of-the-art test facilities that have produced the world's most innovative products. So whether you are a company, an educational institution, or a government organisation, contact us to experience the benefits of working with Airbus.

Non exhaustive list of test services:

Flight test: Flight test equipment & services, modification of flight test aircraft, consultancy for flight test planning, access to FlightLab platform, flight simulator sessions.

Structure: Static & fatigue (coupon to full scale test), pressurisation testing, impact testing, hot/cold & dry/wet environmental testing, tribological testing, design & delivery of test benches, measurement & calibration.

Electromagnetics: Access to Airbus radio station, EMH/EMC chambers, permittivity testing.

Systems: Electrical testing, design & delivery of test benches, consultanct for Ironbird & Aircraft 0.

Environmental: anechoic & semi-anechoic chamber, vibratory testing, acoustics & noise measurement.

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DTS solutions allow you to "Redefine Possible" for aerospace and in-flight-testing.

Diversified Technical Systems (DTS) is a leading manufacturer of miniature, autonomous data acquisition units (DAU) for aerospace and flight testing. DTS solutions offer three unique advantages: (1) SWaP-optimized for Size, Weight, and Power (2) Rugged for high shock testing and extreme environmental conditions (3) COTS availability with standard lead times.

DTS solutions make it easy to measure critical parameters including acceleration, vibration, shock, and temperature in situ. Our miniature SLICE6 AIR onboard data acquisition unit features universal analog sensor support, onboard memory, real-time streaming in IRIG-106 5 (Ch10 or TmNS), plus Ethernet timing and synchronization (IEE 1588, IRIF-B, GPS).

SLICE6 AIR is designed to embed on or in the test article near the sensors. This distributed solution reduces test set-up time by eliminating complicated sensor cable runs, it improves data quality and it's ideal for rapid deployment applications that require additional sensor channels in challenging locations. DTS technical support experts are available worldwide 24/7/365.

Applications include: eVTOL, rotorcraft, UAV/UAS/drones, modification & compatibility testing, destructive testing, commercial launch, captive carry, and hypersonic vehicles.

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Safran Data Systems, a subsidiary of Safran Electronics & Defense, offers high-technology equipment and solutions for space communications, simulation and testing, as well as aerospace testing & information systems. Based in Europe, India and North America, Safran Data Systems currently employs over 850 passionate people. Safran Data Systems guarantees innovation, unrivaled performance and availability. As a leader in its markets, Safran Data Systems contributes to its customers' success by offering them long-term support, high reliability, backward compatibility and scalability.

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HGL Dynamics: Expertise in Dynamic Instrumentation for Vibration and Acoustic Analysis.

Founded un the UK in 2000 and present in France since 2008, HGL Dynamics has established itself as a leader in the development and consulting of dynamics instrumentation. We offer complete and innovation solutions for vibration and acoustic analysis, from the design to the construction of custom instrumentation systems.

Our strengths:

- Real-time data acquisition and processing: Our systems allow real-time data acquisition and processing, providing accurate and instantaneous analysis of vibration and acoustic phenomena.
- High-performance multi-channel management: Our expertise lies in managing a large number of channels simultaneously (600) with very high frequency data acquisition, allowing in-depth analysis of complex systems.
- Modular and scalable solutions: Our systems are compact, modular and scalable, adapting to your specific needs. They can be used individually on several benches or
 grouped on a single bench (multi-channel), facilitating installation and configuration.
- · Unlimited number of channels: Our multi-sensor systems offer an unlimited number of channels, allowing you to perform complex and complete measurement.

Our range of advanced sensors:

- Laser vibrometers:
 - Single-point, infrared and 1D scanning models.
 - Sub-nanometer resolution for high-precision non-contact vibration measurement.
- 3D or full body laser vibrometer:
 - · State-of-the-art system capable of analyzing vibrations over the entire field.
 - Capture of multi-axis movements with micron-level precision.
 - · Modeling of the most complex structures.

HGL Dynamics: The ideal solution for your vibration and acoustic analysis needs.

Whether you are an industrialist, a researcher or a design office, HGL Dynamics offers you tailor-made, high-performance and reliable solutions to meet your needs in vibration and acoustic analysis.

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Telspan Data

TELSPAN DATA is a leader in telemetry technologies for airborne, ground, shipboard, range and laboratory environments. Their Multi-Disciplined product architecture leverages open standards and the latest SoC, data transmission and processing technologies.

Telspan's' ruggedized product line includes high speed/high capacity recorders, Ethernet switches, active TAP & aggregators, and TMoIP gateways.

MITR is high-bandwidth, high-capacity IRIG 106 Chapter 10 data recorder/publisher with a modular TAP Interface Module (TIM) and Removeable Memory Module (RMN). The configurable TIM provides protocol independent full duplex 1-10G optical transceivers, MIL-STD-1553, video, audio, & PCM channels. Logic driven protocols for optical channels include Ethernet, Fibre Channel, sFPDP, ARINC-818, & other communication transports. The RMM supports up to 64TB and supports recording bandwidths up to 64Gbps (8GBps).

iES is rugged, multi-port layer 2/3 managed gigabit Ethernet switch with a high time accuracy internal GPS receiver & a hardware based IEEE-1588 & IRIG-A/B/G TCG. A FPGA provides built-in IRING 106 Chapter 7 & HDLC PCM encoding & decoding. This allows PCM output of VLAN, mirrored or filtered Ethernet switch traffic.

Range and laboratory product include PCM Decom's, recorders, reproducers, gateways, and "Data Fusion" software.

The Data HUB product line is a standards-based telemetry ground system with IRING 106 Chapter 10 record, reproduce, publish & subscriber capability. Data HUB also provides TMoIP Gateway functions with IRING 106 Chapter 7 & IRING 218 encoding/decoding. A GPS receiver can seed the internal IRING-A/B/G and IEEE-1588v2 time generators. The core system in driven by an SoC, logic & Linux, not a Windows based host computing system.

NetView Data Fusion provides real-time decoding, processing, display & distribution from multiple CH10 data sources & network-based instrumentation systems. NetView decodes, time aligns, processes & display multiple independent data source types & formats in a single processing & display environment.

Local Representative



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Main Product lines: Rugged and ground video codec and video processing units.

Delta Information Systems is a high-performance video compression product line that includes products designed for airborne, ground-mobile, and network-centric applications. These products are based on industry standards such as SMPTE, DVI/HDMI, NTSC/PAL, and VESA video formats, as well as H.264, H.265, MPEG-2, and JPEG2000 video compression. In addition, the product line also includes support for the MPEG-2 transport stream protocol, RTP/UDP streaming, synchronized audio and metadata, and the government's motion imagery standards profiles. Utilizing state-of-the-art multimedia processors, our products provide the flexibility to deliver high-quality video over wide-band or "disadvantaged" links and networks. In addition, our strict adherence to digital video and communications standards ensures interoperability with new and existing multimedia infrastructures.

In addition to our video encoders and decoders, we also offer to scan conversion products that convert standard and non-standard raster or stroke video signals to support mixing, recording, display, or transmission for new and legacy video formats. Our scan converter line has evolved from a standard resolution monochrome capability to support scaling and mixing both standard and high-definition analog and digital video formats. In addition, implementing an advanced scaling engine, high-speed digital video processing, and support for industry-standard video formats has enabled broader applications for this diverse product line.

The Delta Information Systems DIS Family of Companies includes Acroamatics, Ampex, Delta Digital Video, GDP, TCS, & Wideband Systems

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Emitech Group: Expertise in Testing, Engineering, and Test Bench Manufacturing

Emitech Group is a leading provider of testing, engineering, and test bench manufacturing solutions. We offer a comprehensive range of services tailored to the needs of aeronautics stakeholders, ensuring compliance, performance, and innovation.

As a notified body for drone certification, we play a key role in validating the safety and regulatory compliance of unmanned aerial systems.

Founded in 1989, Emitech has remained an independent group, growing steadily to become a major player in its field. Today, we employ more than 700 experts and operate 19 laboratories, delivering cutting-edge testing and engineering services to industries worldwide.

To further expand our expertise, Emitech Group has recently acquired GUIDE GNSS, an accredited geolocation testing laboratory. GUIDE GNSS specializes in characterizing and certifying the performance of geolocation solutions, particularly those based on GNSS technology. Their expertise in metrology and geolocation strengthens our capabilities, particularly in areas requiring precise positioning and navigation assessments.

By integrating this advanced geolocation expertise, we reinforce our ability to offer comprehensive, high-performance solutions that meet the evolving demands of the aerospace, defense, and mobility industries.

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dSPACE

dSPACE is one of the world's leading suppliers of simulation and validation solutions for the development of autonomous and connected electric vehicles. The company's range of end-to-end solutions is used in particular by automakers and their subcontractors to test software and hardware components long before new models are allowed to hit the road. dSPACE is not only a sought-after partner in vehicle development, it also has the know-how that aerospace and industrial automation engineers rely on. Our portfolio ranges from the provision of complete simulation and validation solutions to engineering and consulting services, as well as learning and support activities. dSPACE, headquartered in Paderborn, Germany, has over 2,700 employees worldwide, three project centers in Germany, and supports its customers through local companies in the United States of America, UK, France, Japan, China, Croatia, Korea, India and Sweden.

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TESTEA/

Experts in testing

TESTEA has a team with extensive experience in the fields of Test and Measurement.

The commitment of TESTEA is to offer a high level of expertise to customers who want to focus on the quality and success of their projects for:

Design of ATE (Automated Test Equipment), software development, expertise, audit, technical assistance, training, etc.

TESTEA is recognized for its outstanding skills by using the NI (formerly National Instruments) development tools such as LabVIEW, LabVIEW Real-Time, LabVIEW FPGA and TestStand.

Team members are certified by NI at the highest level (Certified LabVIEW Architect, Certified TestStand Architect or Certified LabVIEW Embedded Systems Developer).

TESTEA also develops application software with LabWindows/CVI, DIAdem, VeriStand or VisualStudio/Measurement Studio.

TESTEA relies on the skills of AIR SYSTEMS, as well as its quality management system, to complete its offer in electronic and mechanical design, integration and cabling (wired or SMT).

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Worms

Wormsensing - Revealing the Unseen in Industrial Sensing

At Wormsensing, we push the boundaries of vibration and strain monitoring with Dragonfly®, a breakthrough technology that captures what traditional sensors fail to detect.

1000x more sensitive and 100x thinner than conventional strain gauges, Dragonfly® unveils the hidden forces shaping industrial performance, transforming predictive maintenance, structural health monitoring, and process optimization across industries.

Backed by over 40 patents, our solutions are trusted by Airbus, EDF, IFM Electronics, and more, ensuring unmatched precision and reliability in industrial machinery, rotating equipment, aerospace, rail, and infrastructure. Manufactured in France, our ISO 9001 & 14001-certified facility scales up to 2 million sensors per year, delivering industry-leading innovation at scale.

Dragonfly® isn't just a sensor—it's a new standard. In an industry that hasn't evolved in decades, we reveal the unseen, unlocking the next era of industrial intelligence.

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Dewesoft France is the French subsidiary of DEWESoft®, a rapidly growing global player in the field of data acquisition. We offer complete measurement solutions (up to over 1000 channels), analog signal conditioning, as well as USB/EtherCAT® embedded systems. Our services include sales, training, technical support, maintenance, and metrological follow-up of DEWESoft equipment. Our experts support you in your specific projects (strain gauges, temperature, electricity, noise, vibrations) to provide you with the most suitable solution at the best quality/price ratio.

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XERIUS, specialist in RF for extreme environments.

Based in Toulouse, XERIUS designs and manufactures custom radiofrequency solutions to meet the challenges of harsh environments. With over 25 years of expertise in defense, space and industrial sectors, we excel in developing high-performance and ultra-robust RF solutions: RF design, signal processing, mechanical design, etc.

Our team of specialized engineers relies on cutting-edge equipment (Rohde & Schwarz spectrum analyzers and oscilloscopes, Vector Network Analyzers, Europlacer SMT machines, Haas CNC machining center, etc.) and supports you at every stage of your project. This adaptability and performance have enabled us to build lasting relationships with prestigious clients.

Meet us at booth 27 on June 10th and 11th, 2025.

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Main Product lines: Airborne and ground telemetry and Storage; Data Acquisition; RF product; TMoIP; Video Codec.

With more than 30 years of telemetry experience, **EXPAN** represents leading US/UK/Turkish/Taiwan companies in France and other European countries:

GDP, DV, Lumistar, Telspan, Tualcom, Argon, Ampex, Wideband, Acroamatics, TCS, Adivic, Apogee labs, Apollotek.

EXPAN provides one of the largest product range in Europe in the Airborne and Ground Telemetry and data acquisition market.

Main products:

- · Airborne PCM, network, video acquisition units and recorders
- · Airborne RF Transmitters, Receivers, Transceivers
- · Airborne nano computers
- Airborne PTP switches and ch7/ch10 gateways
- · Airborne/Ground Mux-Demux
- Ground RF and IF receivers with combiners
- TMoIP Ethernet to PCM gateways
- · Best Source Selector
- Ground telemetry recorders RF, IF, PCM, Ethernet... Bit synchronizers/PCM Frame Synchronizers/Simulators
- · Airborne and ground video codec and scan converter
- Signal Converters (interfacers) & Mattrix switch
- BERT Link Testers
- Tracking Antennas

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Lumistar designs and manufactures cost effective ground-station telemetry components and custom integrated systems for the Flight Test industry. Component products include:

- RF Receivers and Down-Converters
- · Antenna Tracking Receivers,
- Digital IF Receivers,-Digital Combiners
- Bit Synchronizers, Decommutators, DACs, Data and RF Simulators
- · Spectral and Constellation Displays,
- BER readers
- Software and Network Telemetry solutions.

Choose Lumistar for world-class Performance, Experience and Support!

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TUALCOM specializes in communication and RF technologies providing COTS and customized state-of-the art solutions and engaging in co-development projects with leading national and international space technology and defense companies.

Our main objective is to develop and produce compact, efficient and general purpose or application specific communication and RF systems, sub-system and modules. In addition to communication systems, our product family also includes high frequency and broadband systems related to radar and electronic warfare.

As a designated national research and development center, TUALCOM transforms ideas to high-performance end product that have led the company to become one of the leading companies in data links, telemetry systems and electronic warfare in a short period of time. Supplying various products for different platforms, TUALCOM is one of the most trusted suppliers for major defense companies in Turkiye and Worldwide.

TUALCOM Telemetry and Data Acquisition Systems provide scalability and modularity in a small form factor. The ultra compact sized telemetry transmitters can operate also as digital data acquisition units beyond a standard transmitter. Depending on the output power, TUALCOM telemetry transmitters provide different communication ranges varying from a tactical mission system to space applications. The data acquisition systems on the other hand, perform precise and high frequency samplings which are encapsulated into IRIG106 frames, created based on bandwidth efficiency and periodicity of each data. These systems vary in different number of interfaces either in a single compact device or a set of modular devices, which provide full configurability and scalability. The software interfaces guide the operator in defining the system configuration step by step through a XML files.

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VITEC is a player within the intelligence, Surveillance, Reconnaissance and Situational Awareness arena.

Our field-proven product tackle video ingest, streaming, dissemination and archiving needs in the field and inside military and government facilities.

With a complete line of product designed to enhance military workflows by digitizing, distributing and viewing high quality video and critical metadata across the network, VITEC supports the most advanced video formats for Situational Awareness, Decision Support Systems and IPTV Platforms.

Designed to stand up to the rigours and mission critical nature of military and government operations, our military-grade, ultra compact, highly-rugged, VITEC'S TOUGH series of Portable, Power-Efficient HEVC & H.264 streaming encoders deliver all the required capabilities to fulfill the most stringent full motion video application (FMV).

Our encoders provide high quality, low latency video encoding with frame accurate KLV metadata processing including Cursor-On-Target, MOSB KLV and STANAG 4609 from IP, or Serial sources.

Product Highlight:

MGW Diamond TOUGH is a fanless, power-efficient quad channel HEVC and H.264 HD/SD encoder designed in a rugged enclosure.

MGW Pico + TOUGH is a miniature, power-efficient MIL STD certified HEVC and H.264 rugged video encoder.

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HENSOLDT Nexeya France has cutting-edge expertise in flight validation systems. We optimise flight test campaigns to speed up time-to-market.

First-class aircraft and spacecraft relies on high-level technical and human resources to succeed in this critical phase. HENSOLDT uses proven flight test systems to qualify and certify aerospace platforms like aircraft, helicopters, drones, launchers and missiles. The group's expertise in telemetry and data processing enables it to work closely with test centres, aircraft and equipment manufacturers throughout the world. This core expertise also enables it to integrate flight termination systems for a wide range of firing activities, such as airborne missile testing.

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United Electronic Industries (UEI) collects real-world data for the aerospace, energy and defense industries allowing our customers to build smart systems that are reliable, flexible and rugged.

UEI's family of rugged chassis and extensive selection of over 90 I/O boards are ideal for simulation, test and data acquisition (DAQ) applications. Our breadth of I/O includes MIL-STD-1553, ARINC-429, ARINC-664, Synchro/Resolver, LVDT/RVDT, RTD, Thermocouple, Strain Gage, CAN bus and more!

Our solutions are used in a variety of applications such as: distributed DAQ & control, embedded control & logging, engine test, hardware-in-the-loop (HIL), system-integration-labs (SIL), health and United States of Americage monitoring (HUMS), virtual interoperable simulation for tests of avionics systems (VISTAS), and much more.

UEI's world class customer support and service enable rapid customer deployment and seamless integration into virtually any popular software environment including LabVIEW, Simulink/MATLAB, .NET, Java as well as C/C++.

UEI solutions are so relied upon, being designed in from the start, we have customers for life. All our solutions are backed by a 10-year availability guarantee and 3-5 year hardware warranty, upgradeable to 10-years. Learn more about how we can support your application at www.ueidaq.com.

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For over 30 years, MAX Technologies has provided an array of hardware and software solutions for various I/O and data buses.

Our solutions apply in various fields of Tests and Measurements, Avionics, Automated Test Equipment and beyond where our customers must connect and communicate with equipment.

We offer solutions for a wide range of avionics protocols including AFDX®, ARINC 429/629/708/717/825, MIL-STD-1553, CAN bus, CSDB, ASCB and non-avionics I/O such as Discrete, Analog, Serial ASYNC and more.

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With combined experience of 60 years, Systems Engineering & Management Company (SEMCO) and JDA Systems have been leading suppliers of Telemetry products to virtually all U.S and international flight test Ranges. With a strong expertise in analog RF design, Signal processing and Software Defined Radio, SEMCO & JDA master product development from concept to production and continuous improvement. Its best-selling products include the VT series compact triband tracking antennas (ranging from 40cm to 2M+ reflector), RF multi-couplers (MC100 series), telemetry receiver combiners (1U R100 series, 3U R300 series and the brick size RC25 series), Telemetry simulators (including the hand-held portable, battery powered PHTS108 and the 2U rackmount TSS200 series), rugged TM recorders & processors (dual and quad channel BOB series) along with the worldwide recognized VuSoft decom software, and finally airborne multimode digital transmitters (STT series). Their performance has earned SEMCO & JDA its long-standing reputation of excellence and recognition in providing "Range Proven, Range Ready" products. Its robust supply chain, lean manufacturing and automated testing allow SEMCO & JDA to deliver more than 400 units per year. Today, SEMCO is the supplier with the largest installed base of Range telemetry receivers throughout the world with more than 3,500 units in operation while JDA has delivered hundreds of VT tracking antennas and BOB processors combined. SEMCO & JDA started their new combined chapters in 2022 and 2024 (respectively) after the acquisition by OneDev. With an expanded portfolio (onboard to ground), and other innovative TM products (like best RF source selector), SEMCO & JDA have grown into delivering integrated solutions and turnkey systems. Now part of The Consortium, a group of US-based small-business companies providing cutting edge technologies from acquisition to data management and analytics, SEMCO & JDA are instrumental players in The Range of the Future transformation.

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European Test and Telemetry Conference

10>11 June 2025, Toulouse

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