

An Essential Testing and Engineering Partner for the Aerospace and Defense Industry



MULTI-TECHNOLOGICAL TESTING AND ENGINEERING CAPABILITES

- State-of-the-art facilities and rich expertise in mechanical testing, [EMC and environmental testing](#), and [cybersecurity evaluations](#).
- Advanced, turnkey [test benches and MRO equipment](#) developed by multidisciplinary engineering teams.
- A global network of prime multi-technological labs, headquartered in Spain.

A PARTNER YOU CAN RELY ON FOR THE MOST CHALLENGING TESTING AND DEVELOPMENT PROGRAMMES

- Independent laboratories that meet tight deadlines and strict quality requirements.
- A reputable provider for leading complex campaigns in both development and certification.
- Strong involvement in innovation projects for aircraft, land vehicles, naval vessels and information technologies.

- [eVTOL and UAS](#) specialists, offering unparalleled support in testing and development campaigns (in both laboratory and flight settings).

UNWAVERING TESTING AND ENGINEERING SUPPORT TO COVER ALL THE BASES

Stalwart environmental and EMC testing of air, land and naval electronic equipment

- Specialist environmental testing for high power applications and electric batteries.
- Full-scale EMC facilities (including reverberation chambers) for large components and military vehicles.
- Dedicated large shakers and MAST systems for vibration and shock testing of substantial components with special applications.
- Global leaders in [fire testing and certification](#), with extensive capabilities for fire resistance, reaction to fire and real scale tests.

Product qualification against the main industry standards

- RTCA DO-160; MIL-STD-810; MIL-STD-461; Def Stan 00-35; Def Stan 59-411.
[+info](#)

Supporting the industry to provide secure, unassailable devices

- Accredited by the Spanish OC-CCN (Centro Criptológico Nacional) to conduct cybersecurity evaluations, including Common Criteria up to EAL6+, SOGIS and LINCE.
- Support to list products in the Spanish CPSTIC Catalogue as 'Qualified Products' or 'Approved Products'.
- Pentest and vulnerability assessment experts for hardware, software and communication cyberattacks, with special expertise in cryptographic evaluations.

Expert mechanical testing, from coupon to full-scale

- The European benchmark for [structural testing](#) of complete aircraft, land vehicles and naval vessels.
- Specialists in uniaxial and multiaxial high-load testing in static and dynamic conditions.
- Bespoke [material characterization services](#) across metals and composites.
- A network of state-of-the-art material testing laboratories, fully accredited for aerospace and defense programs.

Turnkey engineering solutions for dependable equipment

- Multifunctional test benches for helicopter gearbox development.
- Bespoke structural test rigs and MRO test benches.
- Test benches for the validation and customer certification of Fuel Distribution Systems.
- Custom-built test benches for validation of the design and specific requirements of submarine components.

Advanced test systems to keep you ahead of the curve

- Control Command Test Bays (CCTBs) to perform custom tests for validating the performance of reactor actuators.
- HIL systems with real-time model execution and remote configurable testing with AR/VR.

Some other services we offer the aerospace and defense industry:

- [Metrology and calibration services](#) in our laboratories or on-site at client facilities.
- [Product certification and CE Marking](#): we are a Notified Body for 12 European directives, including RED and EMC.
- [Certification of management systems](#): certifying under international (ISO 9001 and 27001, amongst others), national, sectoral and private standards.

[Request a quote](#)