



## About

Whitelab is a leading Italian company specializing in testing and compliance across multiple sectors, including Aerospace, Automotive, Marine, Medical devices, and Industrial applications. Leveraging a network of highly specialized laboratories, Whitelab delivers tailored, high-value services with rapid execution. With a global reach and strong local presence, the company ensures quality, safety, and innovation in every project.

Whitelab is structured into 4 Business Unit each one specialized in specific market sectors: Environmental, Materials, Life Science and HSE & training. The BU Materials is focused on DT / NDT testing, material characterization and engineering support for components ranging from micro-scale to extra-large, developed for the most demanding environments with high performance requirements, such as Aerospace and Defence. Our cutting-edge technology allows us to analyse even the most complex geometries with the highest resolution, ensuring unparalleled accuracy and reliability. We are not just a testing facility, but a strategic partner in innovation and quality assurance.

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OPERATING SITES

250+

TESTING DEVICES

50+

HIGHLY QUALIFIED  
TECHNICIANS

3000+

ASSESSMENT  
METHODS

## Products & Services

- Non-Destructive Testing (NDT): Tomography, ultrasound phased array, thermography, radiography, optical acquisition, and digital image correlation.
- Destructive Testing (DT): mechanical test, aging, durability, vibration, corrosion, chemical tests and visual / aesthetic analysis
- Material Characterization: FT-IR, DSC-DMA, SEM-EDS analysis, tensile and impact testing.
- Engineering Services: Production optimization, quality planning, reverse engineering, and fixture development – Metallic Material tests – Metallography, Residual austenite determination, SEM analysis, corrosion / welding tests, heat treatment etc..

## References

- Leonardo Company
- Persico
- Thales Alenia
- Avio Aero
- Avio Spa

## Main Markets

- Europe

## Certifications

- EN 9100:2018
- UNI EN ISO 9001:2015 (INTERTEK)
- Nadcap accreditation for non-destructive testing is in progress and will be finalized within 2026.

## Contacts

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Space

Aviation

