

Transversal competencies



Where there is electromagnetism, NEXIO has a role to play. NEXIO turns electromagnetic waves and their EMC/RF/LIGHTNING/RCS constraints into added value for major groups, SMEs and VSEs in 30 countries. NEXIO is organized into 3 business divisions: Services-Engineering, Test Automation, Simulation software and 2 Innovation and Training transverse centers.

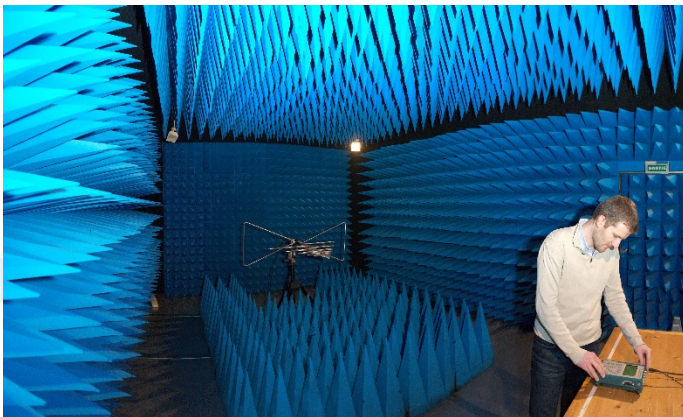
NEXIO is based in Toulouse, Paris, Lyon-Grenoble, Munich, Austin and Shanghai.

COMPETENCIES & CAPABILITIES

Our products and services cover all phases of electronic product development, from design to qualification, in the Aerospace, Spatial, Automotive sectors as well as the Electronics Industry.

NEXIO offers a platform of unique electromagnetic services. We have a team of more than 80 technicians, engineers and doctors able to handle all types of issues oriented: test, design and simulation in EMC, lightning RF and HYPER.

Our specialists are involved in short studies, innovation projects or long-term services. Using if necessary, NEXIO's laboratories for measurement or major simulation software and cluster capabilities.



One of the NEXIO's EMC Test Lab for Tunning, Optimisation or Qualification.

NEXIO

PRODUCTS & SERVICES

As for its services, NEXIO is the only Software Company that covers both measurement and simulation.

Concerning Test and Measurement, NEXIO offers, BAT, the market's widest range and the high-performance automation test software for a EMC and RF testing requirements for all industries. Its flagship BAT-EMC software is the leader in EMC automation software in France, Germany and USA.

Concerning Simulation, NEXIO offers an Electromagnetic Simulation Software range, CAPITOLE-EM. Its RF module is dedicated for antenna design and positioning. Its RSC module is choice by MOD for furtivity study.

With BAT-SCANNER, NEXIO use the near field measurement and robotic to helps the design of electronic circuits by evaluating their behaviour in terms of EMC. With its innovate phase measurement technology, the result of BAT-SCANNER is used in software simulation.

Our software are offered through a world network of support staff and sales representatives.

MAJOR SPACE PROJECTS & REFERENCES

ENGINEERING & TEST for CNES, AIRBUS D&S, THALES AS, ARIANE GROUP, INTESPACE, STEEL ELECTRONIQUE...

- EMC Expertise on equipment, system and satellite
- RF antennas design and characterization
- EMC and RF tests on demand or in customer laboratory
- EMC / Lightning study and simulation on launcher
- EMC equipment analyses, drafting of specifications, numerical simulations (ESD, mass networks, magnetics)
- Design of microwave Integrated Circuits
- Charging simulation and analyses

INNOVATION with ESA, CNES, DGA, AIRBUS D&S, ARIANE GROUP ..., in the frame of FUI, R&T CNES, ESA ITI, RAPID DGA in topics:

- EMC characterization by Near-Field Scan
- Fast EMC simulation
- New method of antenna modelling

POINT OF CONTACT

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TURNOVER 6,3 M€ (2019)

WORK FORCE 75

SPACE TURNOVER 1 M€ per year

SPACE WORK FORCE 12