



Responsible for our environmental footprint

- Decarbonization
- Innovation
- Regional development
- Raising awareness among our stakeholders

Committed to a sustainable product life cycle

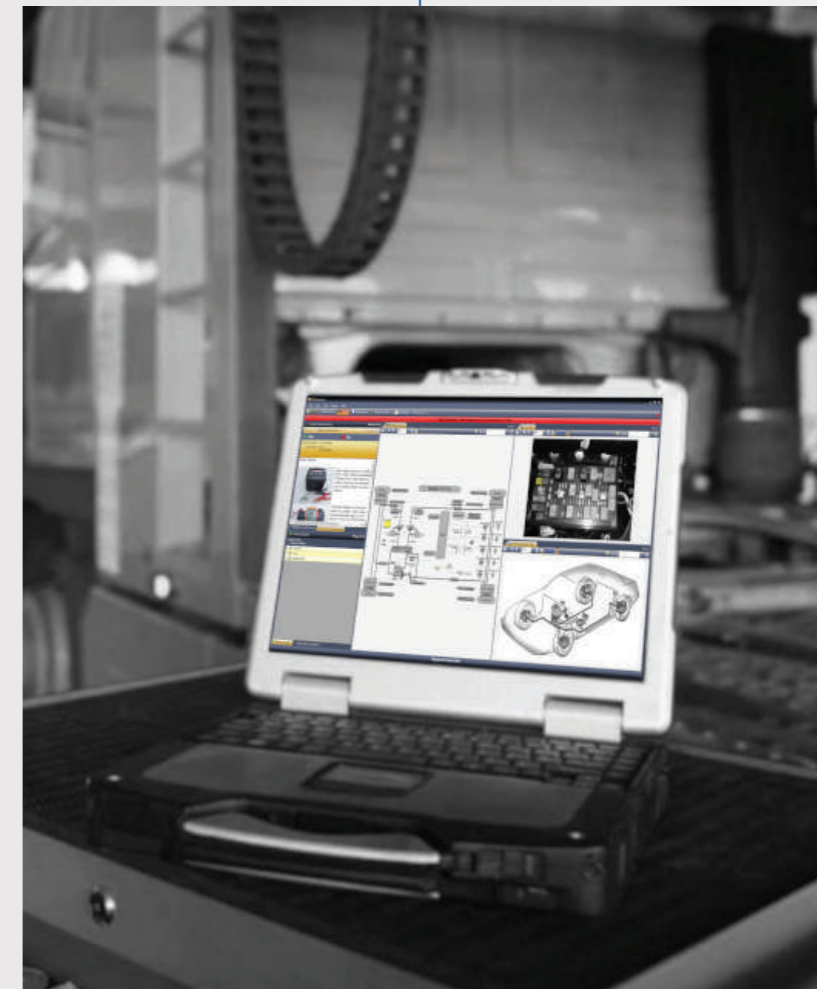
- Eco-design
- Repair, reuse and recycle processes
- Recycling

Respectful of people

- Well-being and safety of our employees
 - Diverse and equal opportunities
 - Support for employees with disabilities
 - Intergenerational collaboration
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Empowering sustainable equipments & systems



Unlock the power of testability for your equipment and systems

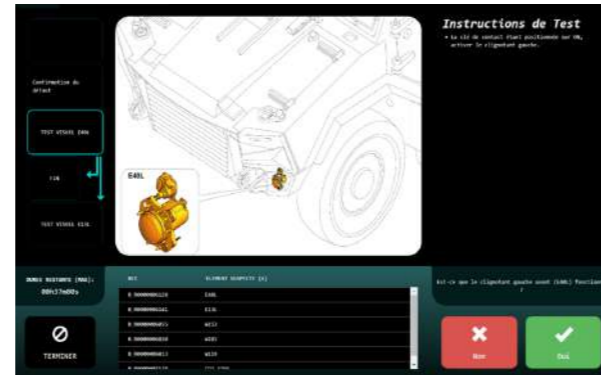
In today's rapidly advancing technological landscape, the architecture of systems is becoming increasingly complex. With the integration of rich functionalities in subsystems through embedded computers, the need for robust testability solutions has never been greater. That's where SPHEREA's cutting-edge testability services come into play.

Revolutionizing the field of Testability

Traditionally, testability has focused on optimizing maintenance testing to swiftly detect failures and identify the faulty components that need replacement. This engineering discipline has worked together with System Engineering and Dependability, complementing their efforts. However, the tide is turning as the industry recognizes the vital role of embedding functional testing and diagnostics in equipment to enhance system resilience.

Unifying Development, Production, and Maintenance Testing

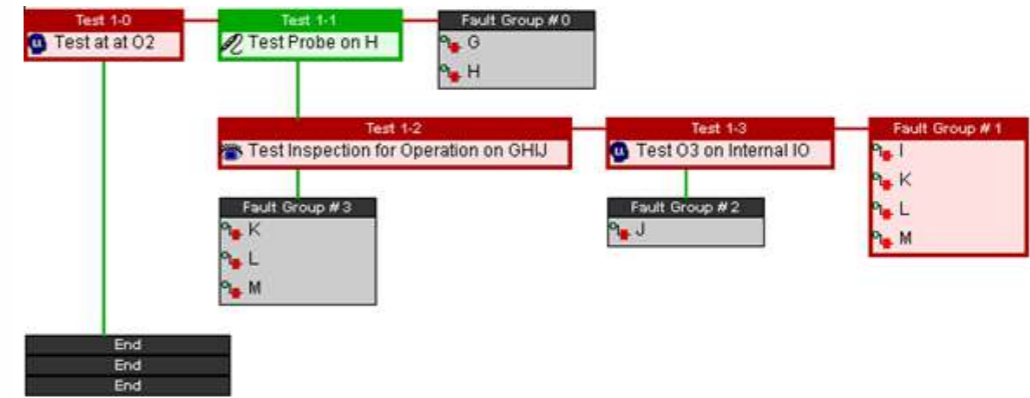
At SPHEREA, we believe in breaking down the barriers between development, production, and maintenance testing. Our teams are expanding the horizons of testability to encompass all tests performed during an equipment's life cycle. This comprehensive approach ensures a globally optimized test strategy for your system. It also enables rapid evolutions and upgrades, crucial for the safety and efficiency of complex or critical systems. Whether you're an equipment manufacturer, a defense user service, or involved in logistics, our testability solutions rise to meet your constant challenges.



Optimizes testing strategies with expertise

Our testability services focus on defining, optimizing, and controlling tests associated with your system. We offer both off-board and on-board testing options, tailoring our approach to suit your unique requirements. To seamlessly integrate test strategies into your design engineering process, our proficient teams converge System Engineering, Dependability, and Testability domains. We excel in implementing Model Based System Engineering techniques, leveraging the industry-renowned ARCADIA method and the powerful CAPELLA tool.

A SEAMLESS ENGINEERING ECOSYSTEM



We understand the importance of fluid data exchanges between your design environment, the Functional Reliability Analysis tool, and the Test Engineering world. This interconnectedness ensures your designers benefit from iterative and progressive developments, leading to functional, stable, and maintainable systems. Our engineering methodology facilitates optimal feedback to designers by offering bespoke perspectives tailored to each business line, functionality, structure, reliability, and testability. We leverage the expertise of our partner, DSI International, with the eXpress tool and our Capella2eXpress coupling tool to streamline data exchange between Model Based System Engineering (MBSE), Model Based Safety Analysis (MBSA), and Model Based Diagnostic Engineering (MBDE) domains.

DRIVE SUSTAINABILITY WITH TESTABILITY



By incorporating testability during the development of your systems, you're investing in a more sustainable future. Early failure detection, improved reliability, and extended longevity are the hallmarks of equipment that embraces testability. SPHEREA is dedicated to helping you create high-quality, resilient products that not only meet your performance goals but also contribute to environmental sustainability.

Don't let complexity and rapid technological advancements hold you back. Embrace the power of testability with SPHEREA's state-of-the-art solutions.