Automotive & Industrial
Testing Services

PACKAGED SERVICES

Including Test Setup,
Installation, Configuration,
Execution, and Reporting

Spirent makes anything possible to guide you with technical expertise that makes your testing journey an efficient and rewarding experience.

Whether you need physical on-site support or remote assistance, our unique team of experts helps you design, implement, and execute complex test scenarios.

Spirent also provides professional test equipment for flexible, efficient, and cost-saving rental.

PRECISE AND EFFICIENT TESTING

- Test setup by selecting the preferred solution and test group for your individual requirements

- Installation ensuring test tools and requested test suites are ready to run for execution

- Configuration with a wide parameter set for every individual test case

- Execution and regression of tests with professional test tools

- Reporting in different formats and levels, providing the test results in a compact format

TESTING AS A SERVICE (TAAS)

Utilize this service available for all Spirent automotive and industrial test solutions for testing your Devices Under Test (DUTs) by executing predefined test packages.

Just provide your DUT to be tested and Spirent takes care of the rest. Possible delivery options are:

- Ship your DUT to Spirent

- Test your device on site

- Test via remote connection

- Run test sessions through our Cloud based TaaS

TESTING SUPPORT IN ALL PHASES

Spirent testing services and solutions enable you to design, develop, and deploy next generation networks and applications.

Benefit from 20+ years of cross-vendor technology expertise in diverse industries and from dedicated high-end test equipment.

Rely on testing support in all development phases to ensure highest product quality at optimized effort and costs.

To learn more contact:
ttworkbench-sales@spirent.com

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ENGINEERING SERVICES

Including Test Creation and Extension of Automated Test Solutions

Spirent helps you extend existing test solutions to integrate specificities driven by the general technological context, or proprietary to your own organization requirements for any of the existing standardized test suites.
In addition, these services enable you to create customized test solutions.

Combine engineering services with packaged services to get the complete range of support covering test suite design and development up to setup and execution of individual test solutions.

PROFESSIONAL ENGINEERING SERVICES

Utilize Spirent lift-off services for the most efficient introduction of test solutions into your processes with:

- Individual test suite design and implementation
- Automated codec generation with code annotation
- Transport and language development for individual test suite adaption

INDIVIDUAL SERVICES

Spirent testing experts support you throughout the whole product engineering lifecycle, accompanying the implementation of your test automation project. They help you to create, maintain and expand your test environment, guiding you in defining test plans, designing test suites up to realizing complex test scenarios. After analyzing your situation, they adapt your test processes and deliver test automation according to your demands, including:

- Implementation of test automation scripts (e.g. using TTCN-3 notation)
- Extension of standardized test solutions by adding individual content to the existing solution to meet specific testing needs

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CUSTOMER TRAININGS

Understand and Practically Use Spirent Test Tools to Create High-Quality Networks and Applications

Spirent's certified test specialists introduce and present testing methodologies that enable your team to design and implement automated test solutions efficiently.

Teaching with hands-on scenarios that are typical in your respective industry facilitates the process of understanding and learning.

CUSTOMIZED PRODUCT TRAINING

Trainings can be organized on the premises of Spirent in Berlin (Germany) or individually at customer locations worldwide.

Request your customized training sessions and learn from our experts how to:

- Write test cases based on the test language TTCN-3
- Execute and analyze tests with dedicated Spirent test solutions
- Create and design your individual test suites

Choose according to your testing needs:

- 1-day test tool usage and test execution
- 3-days specification-based training with concepts, test suite design and development including exercises
- 5-10 days training with concepts for domain-specific prototype test suites

TRAINING COURSE: TEST AUTOMATION WITH TTCN-3

Learn how to specify test procedures and campaigns for functional, conformance, interoperability, load, and scalability tests in 3 days. Get a comprehensive introduction to the test specification and test implementation language TTCN-3, discussing its main features and the practical use for testing software systems.

What you will learn: Understand concepts, semantics, presentation formats and test implementation aspects at hands-on scenarios used in different industries. Design a test suite from scratch, thus receive a solid overview and details related to systematic testing using TTCN-3.

Who should attend: The training is aimed at professionals involved in software testing: quality and test professionals, system designers, system/software/test engineers, and project managers responsible for planning or control of testing.

Languages: English, German, Chinese

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