

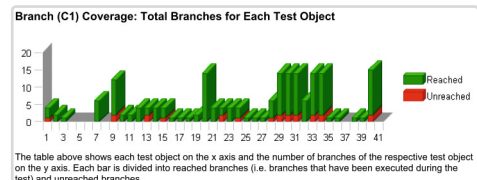
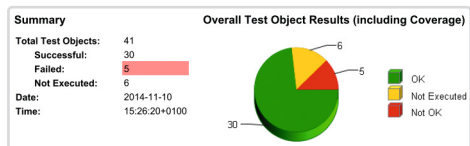


SERVICES & TEST MANAGEMENT

TESTING

state-of-the-art test processes

Your project needs support in test creation, test management or test processes in compliance with IEC 61508, IEC 62304, ISO 26262 (including ASPICE) and EN 50128? Or you simply would like to increase the software quality? Our experts with longtime experiences in testing and developing guarantee a standard-compliant, efficient, optimized and traceable software test that also fits in processes such as ASPICE ACQ.4. We support your test processes and test management tasks in compliance with the requirements of the software testing standard ISO 29119.





TESTING is required to ensure a high level of quality for your software development. As a manufacturer of different test tools we are specialized on quality and testing of embedded software. Our longtime experience with requirements of standards and the needs of our customers are the basis for supporting you with professional testing services. These test services include consulting, planning, management and implementation.

Testing for you

- Test services for all test levels
- Calculable effort for testing
- Determination of the test strategy and required documents
- Structured planning of activities
- Setup and adaptations of test environments
- Efficient implementation by qualified test engineers
- Customized process integration
- Code review
- Regression testing
- Professional documentation of the test results

Testing is quality assurance

Testing is indispensable for software projects and is therefore an essential part of the development process. This is justified by the increasing demands on the reliability of the software especially for safety-critical systems.

With our testing services we provide the required know-how and the resources to comply with these demands.

With our test management services we ensure the creation of the required test documents (test plan, test strategy, test status report) as well as state-of-the-art test coordination and test execution. Our test services supports your "Supplier Monitoring" (ACQ.4).

Agreeing a customized common test process

One of the first steps is to determine the test strategy based on your requirements and on the requirements of standards. We analyze the conditions for testing and we specify the proceeding for seamless integration in your development process. As part of the on-site integration we offer consulting services and seminars.

Test execution tasks

Tests can be performed as full-cycle tests parallel to the software development phase as well as tests for verification after the development is finished. Razorcat uses established test tools and applies approved methods for testing and for error analysis. Combined with efficient test management and an experienced team we guarantee the demanded quality standard.

Results and documentation

Together we will agree about information being reported to you regularly, like test progress, test reports or incident reports. During the test activities we regularly inform you about the current test state and the details of detected incidents. Critical incidents are reported immediately. Finally we deliver the test summary report with detailed test results and the complete test data including the test environment. This enables you to reproduce the tests at your site and to perform regression tests. Our documentation is ready to be used for certification and assessments.

Test management...

...is not a lightweight management task. It has to deliver the evidence that the implementation corresponds with the specified design. This should be performed, for example, in compliance with ISO 26262 and ASPICE SWE.4/5/6.

With our know-how and resources we ensure a state-of-the-art management of your tests.

Test management tasks

- Project test plan, test objectives and test conditions
- Test strategy
- Integration test strategy
- Test handbook
- Test status reports (prepared for release audits)
- Test organization and test processes
- Entry criteria for the test activities

Your benefit

- Save your resources
- State-of-the-art test execution and reporting
- Required test management deliverables

