

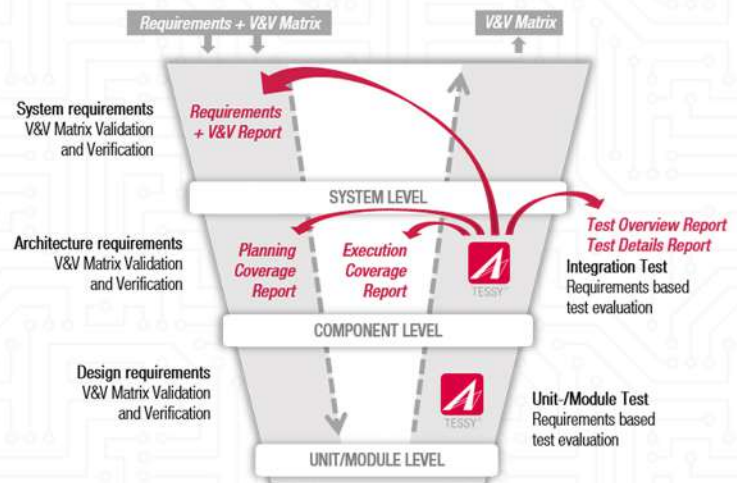
GSAS Micro Systems Pvt Ltd has partnered with Hitex, Germany to promote Razorcat's Unit Testing Tool TESSY in India. With TESSY user can carry out automated, dynamic module and unit tests of embedded software, while determining the degree of code coverage at the same time. These tests are required for certifications according to the DO-178, IEC 61508, IEC 62304, ISO 26262 and EN 50128 standards with an optional Tool Qualification Package.

## Automated testing of embedded software

TESSY automates the whole unit test cycle including regression testing for your embedded software in C/C++ on different target systems. It guides you through the unit test workflow from the projects setup throughout the test design and execution to the result analysis and reporting. The tool takes additional care of the complete test organization as well as the test management, including requirements, coverage measurement, and traceability.

## Key features

- ☐ Automated test execution / regression testing
- ☐ Test report generation
- ☐ Code coverage without extra effort
- ☐ Integration testing
- ☐ Traceability of requirements to test cases
- ☐ Qualified to be used in safety-related software development
- ☐ Testing on host or actual hardware
- ☐ Global, permanent license
- ☐ Supports C and C++
- ☐ Special features for fault injection and testing of software variants



## The Classification Tree Method (CTE)

It supports a developer confronted with issues such as:

- ☐ Finding the "right" test cases
- ☐ Minimizing a set of test cases while assuring that none are missing
- ☐ Estimating the amount of testing required
- ☐ Defining criteria needed to conclude testing without risking integrity of the test process



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