GAIO TECHNOLOGY

Automated unit testing
in minimum time.

No code modification required !

Unit Test Automation Tool

CoverageMaster

Automated software unit testing.

Machine code test execution using built-in MPU simulator.

Certified to automotive functional safety standard ISO 26262/IEC 61508.

Optimized C0, C1, MC/DC, function/call coverage measurement.

For the latest information see **https://www.en.gaio.co.jp/**

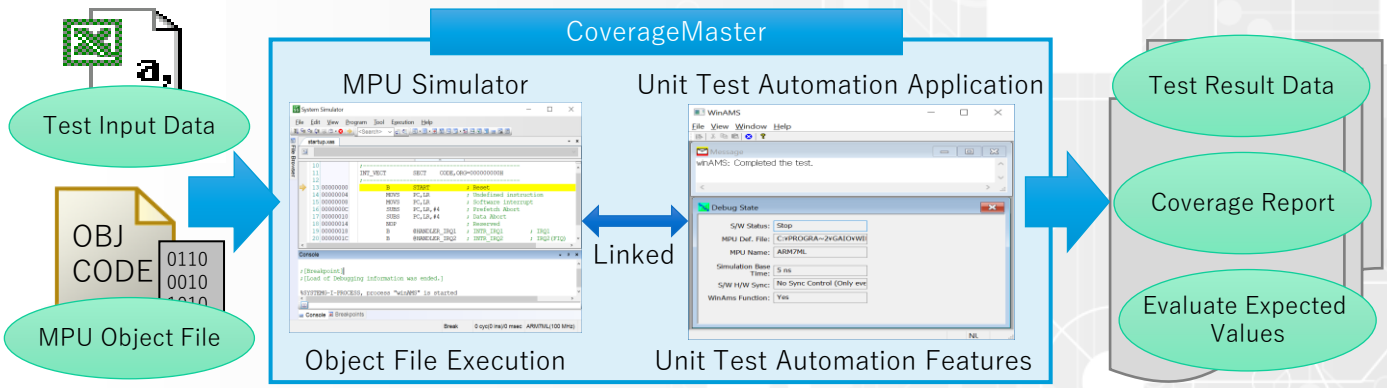
Unit Test Automation Tool

CoverageMaster

GAIO TECHNOLOGY

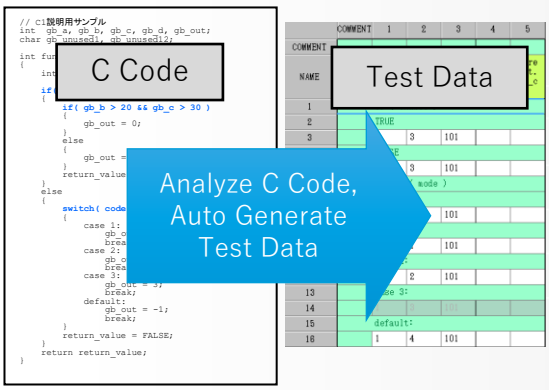
Product Outline

- ✓ Automated unit test design, test execution, report generation, regression testing.
- ✓ Unit test using MPU executable object files from various MPUs and compilers.



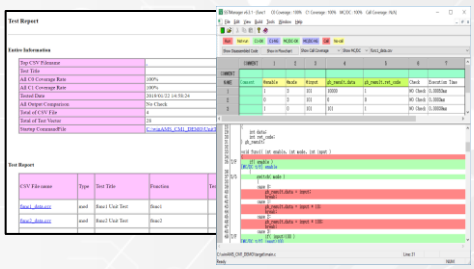
Product Features

Reduce Time for Unit Test Design



Auto-Generate Test Reports/Coverage

C0, C1, MC/DC, Function/Call Coverage supported.

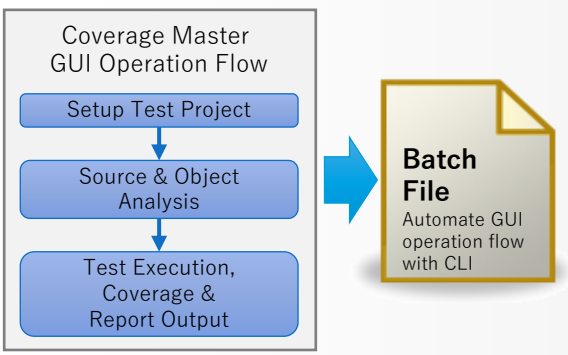


Functional Safety Certified (ISO 26262 /IEC 61508)

Tool certification granted by third-party certification organization TÜV SÜD Germany.

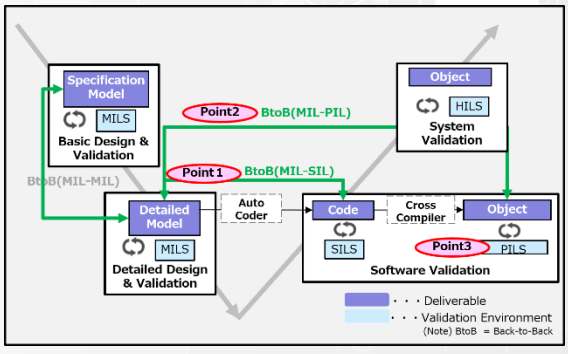
CLI for Automating Test Environment

CLI (Command Line Interface) included for automating repetitive GUI operations and reducing test time.



-NEW- Introducing the MBT Option

- **Point 1** MIL-SIL Back-to-Back Testing
- **Point 2** MIL-PIL Back-to-Back Testing
- **Point 3** Using Microcontroller Simulator , MIL-PIL Test Environment can be built on one PC



Legacy Functions

- Object Execution by Microcontroller Simulator
- Comparison to Expected Values
- Code Coverage Measurement
- Test Data Creation

+

Back-to-Back Test Function

Feb. 2025

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