

Product Overview

SmartTester is a unit and component test tool for run-time analysis. It improves productivity and quality in software development and veri cation processes.

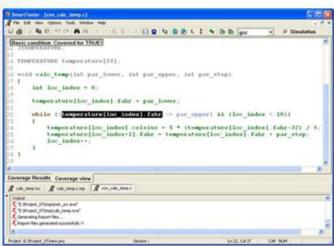
Test your code, analyze and nd resolution to the problems

SmartTester automates the creation of unit and component test harnesses, test stubs and test drivers. In unit testing, SmartTester stubs all the function calls made by the unit under test. In component testing, it links the actual functions to its calls. With minimal clicks, you can analyze code coverage and visualize the behavior of your program. Detailed test and run-time coverage analysis reports are generated.

DO-178B adherence

- ** SmartTester allows coverage analysis to be performed for all software levels as de ned by DO-178B.
- ** Tester can congure the coverage requirement according to the level of the software.

Code graphical coverage view



Features

- · Enables host-based tests to be easily adapted to different target compilers
- · Provides detailed code coverage information required for safety and mission-critical certication
- · Operates in GUI/Command/Batch mode
- · Easy to use Graphical User Interface
- · Coverage requirements are con gurable by the user
- · Test cases can be executed selectively
- · Supports all levels of DO-178B
- · Detailed test and coverage reports
- · Provision to convert reports to RTF/HTML formats





To Run SmartTester, you need:

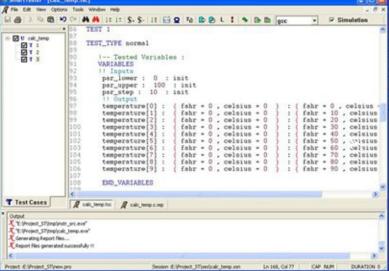
WINDOWS 98/XP/NT/2000/VISTA

Processor : Pentium 3 and above

: 2 GHz Speed : 256 MB Memory

Hard Disk : 500 MB Free Space

Test Case Editor View



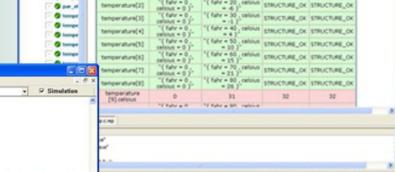
Target Compilers

GCC 2.95.x - 4.1.x

Green Hills 4.0.x

C VDSP 21161

Consolidated Report



Host Compilers

Windows:

Microsoft Visual C++ 6.0,

C Borland 5.02,

GCC 2.95.x, 3.2.x,

3.3.x, 3.4.x;

Green Hills MULTI

Windows x86



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