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PRESS RELEASE

Vector Software Adds Configuration-Based Test Cases to its VectorCAST Test Automation Platform

Vector Software's VectorCAST makes testing multiple software configurations easier and more efficient with configuration-based test cases

Providence, RI USA – 3/16/2017 - [Vector Software](#), the world's leading provider of innovative software solutions for embedded software quality, announced today new configuration-based testing capabilities for [VectorCAST](#) test automation tools. VectorCAST is designed to make testing easier and faster, and configuration-based test cases add the ability to efficiently test software that is intended to be run in multiple configurations.

A common practice is to combine multiple software configurations into a single code module. For example, a collision detection code module could have configuration variants for two or more embedded electronic control units. The software is built using different build configuration settings to generate the software variant for each electronic control unit. Testing the variant code presents a problem as the expected behavior is dependent on the specific variant under test. Configuration-based test cases resolve this by selecting the test cases that are specific to the configuration. These specialized test cases will only be run in the specific configuration they were defined for.

VectorCAST currently includes features including coverage on original source and [Change-Based Testing](#) that make the testing process easier and faster. Adding configuration-based test cases to the existing VectorCAST features further optimizes testing single-source software variants.

"Configuration-based test cases allow multiple configurations of single-source software to be efficiently tested, saving developers a significant amount of time," said Jeffrey Fortin, head of product management at Vector Software.

Attendees of Embedded World 2017 can view a live demonstration of configuration-based test cases (specialized tests) at the Vector Software booth in Hall 4, Stand 4-241 at the Nuremberg Exhibition Center from March 14-16, 2017. For an image of VectorCAST configuration-based test cases, click [here](#).

About Vector Software, Inc.

Vector Software is the world's leading provider of software testing solutions for safety and business critical embedded applications. Companies worldwide in the automotive, aerospace, medical devices, industrial controls, rail, and other business critical sectors rely on Vector Software's VectorCAST™ test automation platform. The VectorCAST environment enables software development teams to easily automate complex testing tasks to improve software quality, using Test-Driven Development, Continuous Integration, and Change-Based Testing processes to engineer reliable software for accelerated time-to-market release cycles. Vector Software is headquartered in East Greenwich, Rhode Island USA with offices worldwide and a world-class team of support and technology partners. To learn more, visit: www.vectorcast.com. Follow Vector Software on [Facebook](#), [Google+](#), [LinkedIn](#), [Twitter](#), and [YouTube](#).

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