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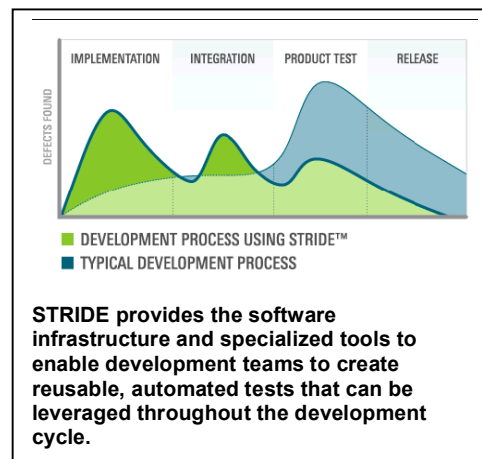
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S2 Technologies Releases Enhanced Version of Innovative Embedded Software Verification Platform

STRIDE reduces development complexity and improves code quality for teams building sophisticated embedded devices

SAN JOSE, CA, Embedded Systems Conference SV–April 2, 2007–[S2 Technologies](#) (S2), a leader in optimizing embedded software integration, today announced the availability of the [STRIDE 2.1](#) Embedded [Software Verification](#) Platform. This release represents a major upgrade in the ability of embedded development teams to engage in software testing and verification early in the development process.

The STRIDE Embedded Software Verification Platform is designed to reduce complexity and improve code quality by enabling device development teams to accelerate continuous integration, testing and verification. STRIDE 2.1 adds significant new functionality to extend STRIDE's readiness for enterprise-scale deployments. In particular, STRIDE 2.1 adds support for controlling and automating [C/C++](#) test code on the target, a new wizard to automatically generate test scripts and an enhanced user interface for capturing and qualifying [application programming interfaces](#) (API) to expedite deployment by developers.



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“Given the complexity of integrated hardware/software systems, there is a clear and compelling need for ways to improve and accelerate the testing and verification of systems,” said Steve Balacco, analyst of the Embedded Software Practice at [Venture Development Corporation](#). “Given both cost constraints and time-to-market demands, development teams should look to implement comprehensive testing programs to identify and mitigate risks over the project schedule.”

STRIDE 2.1 incorporates features that result in effective large-scale use of the verification platform during complex development projects. STRIDE allows developers to quickly write target-resident test applications in C/C++ while providing remote control and aggregating both test results and reporting on the host. By leveraging the virtual host-target environment created by STRIDE, this capability provides developers with the flexibility to seamlessly create tests that execute on the host and/or the target platform, depending on testing objectives and requirements.

The STRIDE 2.1 Script Wizard automatically generates test scripts on the host that either remotely exercise and verify code on the target or automate and control test code executing on the target. Developers can easily create various templates for different types of testing and then select one template to auto-generate test scripts for a set of application interfaces. The STRIDE Script Wizard not only accelerates test-case development but also helps ensure uniformity and reusability of tests.

STRIDE’s API capture-and-qualification user interface permits developers to quickly select and accurately characterize the application interfaces involved in testing. In addition, this feature set enables developers to clarify API ambiguities in pointers, unions and other complex data structures. It allows STRIDE to properly marshal and represent data across host and target platforms, making testing and verification easier and more reliable.

“STRIDE remains the only integrated solution for accelerating testing and verification of software on embedded devices,” explained Mark Underseth, CEO of S2 Technologies. “STRIDE 2.1 incorporates features that will make it easier and faster for development teams to gain visibility into their software health and increase predictability of releases, thereby enabling engineering organizations to more effectively manage software complexity.”

Price & Availability

The STRIDE 2.1 Embedded Software Verification Platform will be available in June with a starting price of \$8,300 USD. Current STRIDE licensees will receive STRIDE 2.1 as a no-cost upgrade.

About S2 Technologies

S2 Technologies provides products and services to optimize integration of embedded software. Optimizing Integration addresses how development teams integrate, test and continuously verify their software throughout the development process. The company's flagship product, STRIDE, an embedded software verification platform, was commercially launched in January 2003 and is already in use by a number of Fortune 500 companies. Founded in July 2000, S2 is privately held and headquartered in Cardiff-by-the-Sea, California. For more information, please visit www.s2technologies.com.

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