

## Media Contact

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### **Coverity Joins GENIVI Alliance to Help Shape the Future of Software Quality in the Automotive Industry**

*GENIVI joins Coverity Scan as a demonstration of its commitment to software quality*

**SAN FRANCISCO – June 19, 2012** - [Coverity](#), the leader in [development testing](#), announced today that it has joined the [GENIVI](#) Alliance to help shape the future of software quality of In-Vehicle Infotainment (IVI) systems within the automotive industry. GENIVI has also joined [Coverity Scan](#) as a statement of its commitment to software quality of the GENIVI Linux-based open source IVI platform.

GENIVI is a non-profit industry alliance committed to driving the broad adoption of an IVI open source development platform. The Alliance aims to align requirements, deliver reference implementations, offer certification programs and foster a vibrant open source IVI community, resulting in shortened development cycles, faster time-to market and reduced costs for companies developing IVI equipment and software. GENIVI members include automobile original equipment manufacturers including BMW, GM and Honda, as well as their ecosystem of suppliers, who use the GENIVI platform as a common underlying framework when designing and implementing next-generation IVI systems.

Coverity Scan is the largest public-private research project focused on open source software integrity, originally initiated between Coverity and the U.S. Department of Homeland Security in 2006, and currently owned and managed by Coverity. Coverity Scan works with some of the most widely adopted open source projects including Linux, PHP and Apache, providing Coverity's flagship development testing solution, Coverity® Static Analysis, as a free service to the open source community. As part of the Coverity Scan service, Coverity automatically tests source code of participating open source projects for quality and security defects, exposing them in the developer's existing workflow. By finding and fixing defects early in the cycle, it helps reduce development costs, accelerate time to market and reduce the risk of software defects making their way into the field.

By joining the GENIVI Alliance, Coverity will help the automotive industry establish a higher baseline of software quality and security from which original equipment manufacturers and their suppliers develop software. By finding and fixing defects in various systems commonly used in the automotive industry early in the development cycle, Coverity will strengthen new GENIVI compliant platforms to drive significant cost reductions and speed the development cycles for IVI systems.

By joining Coverity Scan, GENIVI will help ensure the highest levels of software quality and security of its IVI platform. Coverity is currently integrated into the development workflow of four GENIVI projects. The four codebases currently participating in Coverity Scan have already achieved an average defect density of .58, which is better than the industry average for the software industry. Defect density is an indicator of code quality and is measured by the number of defects per thousand lines of code. The average defect density for the software industry is 1.0.

"The quality of our code is critical to the ongoing success and adoption of the GENIVI platform, which is used by some of the largest companies in the automotive industry. As our codebase grows, Coverity Scan will help us continually improve code quality," said Pavel Konopelko, Lead of the GENIVI System Architecture Team.

“Our goal with Coverity Scan is to enable more open source projects to adopt development testing as part of their workflow for ongoing quality improvement, as well as further the adoption of open source by providing broader visibility into its quality,” said Jennifer Johnson, VP of Marketing at Coverity. “Integrating Coverity into the GENIVI development workflow will help GENIVI continue on its mission to further adoption of its IVI platform across the automotive industry. We are excited to join GENIVI and collaborate with industry leaders to help drive software quality and security earlier into the development process, as well as help drive standards across the automotive software supply chain that will ultimately improve the safety and security of automobiles.”

### **Online Resources**

- Learn more about the [GENIVI Alliance](#)
- Read the [Coverity corporate blog](#) as well as our new [Security Research Laboratory blog](#)
- Learn more about Coverity’s [development testing solutions](#)
- Learn more about [Coverity Scan](#) and learn how to register your open source project
- Read the [2011 Coverity Scan Open Source Integrity Report](#)

### **About Coverity**

[Coverity, Inc.](#), ([www.coverity.com](http://www.coverity.com)), the [development testing](#) leader, is the trusted standard for companies that need to protect their brands and bottom lines from software failures. More than 1,100 Coverity customers use Coverity's development testing suite of products to automatically test source code for software defects that could lead to product crashes, unexpected behavior, security breaches or catastrophic failure. Coverity is a privately held company headquartered in San Francisco. Coverity is funded by Foundation Capital and Benchmark Capital. Follow us on [Twitter](#) or check out our [blog](#).

### **About GENIVI Alliance**

GENIVI Alliance is a non-profit industry association whose mission is to drive the broad adoption of an In-Vehicle Infotainment (IVI) open source development platform. GENIVI will accomplish this by aligning requirements, delivering reference implementations, offering certification programs and fostering a vibrant open source IVI community. GENIVI’s work will result in shortened development cycles, quicker time-to-market and reduced costs for companies developing IVI equipment and software. GENIVI is headquartered in San Ramon, Calif. [www.genivi.org](http://www.genivi.org).