



Avnu Alliance and Spirent Communications launch Ethernet test solution for standardized interoperability testing of automotive networks

Spirent is the first authorized test equipment manufacturer to license Avnu automotive AVB test plans

Paris, France – September 19, 2016 – Spirent Communications Plc (LSE:SPT), announced today that together with Avnu, it has launched a solution for Avnu Automotive AVB Test Plans for Ethernet testing in the automobile. With today's automotive industry embracing Advanced Driver Assistance Systems (ADAS) and quickly moving towards autonomous driving, there is an urgent need for increased bandwidth, cross-domain communication, and security.

The recently signed agreement states that Spirent Communications has become the first authorized test equipment manufacturer to license Avnu automotive AVB test plans, available in Spirent's Avnu Automotive AVB Conformance Test Suite Pack. "The cooperation with Spirent has been a great experience and will further contribute to the open interoperability of networked A/V devices utilizing AVB, helping to provide the highest quality streaming A/V experience" says Joe Leong, Avnu Alliance Certification Program Manager. "The cooperation with Spirent supports our certification activities by enabling automotive vendors to easily verify their devices in different phases of design and validation, making the path to certification even easier. We look forward to continued work with Spirent as AVB/TSN continues to evolve Ethernet for AV infotainment and autonomous driving"

The Test Suite Pack consists of different protocol conformance test suites for the Avnu Automotive AVB Profile running on a Spirent C50 device with BroadR-Reach network interface cards. All the test suites are prepared for full test automation and include frameworks for individual adaptation. For example, users are able to customize test scenarios with the ability to modify or exclude test stub activities or to add negative testing.

This new tool helps the Automotive industry test in alignment with Avnu test plans to ensure accurate operation and interaction of applications in automotive networks, enabling vendors to prepare for a successful certification according to Avnu standards, so they can continue to offer their customers reliable, high quality products.

Stephan Pietsch, Director of Products and Engineering of Spirent's Automation Platform Technologies business unit, says "We are pleased to work with the Avnu Alliance and to enhance automated, standardized testing in today's vehicles. Our efforts ensure that highly diverse automotive

devices can better prepare for Avnu certification. Together with Avnu, we are helping to modernize the vehicle with flexible, scalable and secure networking technology.”

Spirent will work together with Avnu in order to improve test plans in the future. Any amendment, improvement, or modification of Avnu test plans will be reflected in the tests that are covered by Spirent's Avnu Automotive test suites. To learn more about the Avnu Alliance, visit <http://avnu.org/>.

To learn more about Spirent's full suite of Automotive test solutions, please visit <https://www.spirent.com/Solutions/Automotive>.

About Spirent Communications plc

Spirent Communications plc. (LSE: SPT) is the leading provider of verification, assessment, analytics, and device intelligence solutions. We enable those who deliver networks, connected devices, and communication services to provide a superior user experience. From service provider networks and enterprise data centers to mobile communications and connected vehicles, Spirent works with leading innovators to help the world communicate and collaborate faster, better, and more securely.

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	Americas	Asia Pacific	Europe
Contact	Hanni Itah SSPR	Janet Peng Spirent Communications	Kate Innes Zonic PR
Direct Tel	+847 415 9329	+86 (10) 82330055 x160	+44 (0) 1672 550123
E-mail	spirent@sspr.com	janet.peng@spirent.com	kinnes@zonicgroup.com