Collaboration Addresses Next-Generation Android-based In-Vehicle Infotainment Systems

Wind River, a world leader in embedded and mobile software, announced that Clarion, a leading manufacturer of high-performance in-car entertainment systems, is collaborating with Wind River to develop Android-based in-vehicle infotainment (IVI) systems.

Wind River is creating a custom Android software platform for an automotive environment and providing software integration services to ensure Clarion delivers a reliable and high quality device. Leveraging Android's flexibility for innovation, Clarion Malaysia's new IVI device is designed to deliver a compelling user experience, especially in areas of multimedia, entertainment and connectivity. The Clarion Malaysia IVI device is based on the Freescale i.MX applications processor family. Clarion designs and manufactures leading automotive audio and video products and related accessories for the aftermarket and original equipment manufacturers.

"With two decades of automotive experience, as well as extensive Android project knowledge, Wind River provides an ideal mix of expertise to address the latest IVI trends," said Georg Doll, general manager of automotive solutions at Wind River. "Wind River delivers commercial-quality Android software and takes care of the complex matters of custom software development, integration and testing to allow customers to concentrate on developing innovative features that will distinguish their devices."

"Clarion continues to be at the forefront of the newest automotive technologies. With Wind River's expert help, we are taking breakthrough Android technologies that have resonated with consumers and leveraging it for the automotive market," said T.K. Tan, Managing Director of Clarion Malaysia. "Ensuring that new technologies work for the automotive industry is a complicated task. In order to get to market quickly and deliver the highest quality device, it was critical to collaborate with an expert like Wind River who possesses deep automotive and Android experience."

Wind River's world-class customization and consulting services and global support help customers in the management of highly detailed requirements and complex project planning associated with the automotive industry. In addition to Wind River's Android software platform and services and support, Clarion is using Wind River FAST to test for device software quality and user experience. Wind River FAST is an automated software testing solution that is able to rapidly test any Android or GENIVI-based implementation for software quality, performance and compliance with the Android Compatibility Test Suite (CTS).

As a veteran in the automotive industry, Wind River is an expert in handling

complex matters such as automotive regulations and combining the latest automotive innovations with integration services, life cycle support offerings, testing and validation, while working closely with a dynamic partner ecosystem to meet the needs of the automotive market. Additionally, Wind River's automotive portfolio also includes Wind River Platform for Infotainment, a software platform on which automotive original equipment manufacturers (OEMs) and Tier 1 suppliers can develop sophisticated IVI devices. Wind River Platform for Infotainment is among the first GENIVI-compliant automotive solutions.

For additional details about Wind River automotive solutions, visit http://www.windriver.com/solutions/automotive/ [1].

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