KPIT Cummins Infotainment Platform Achieves GENIVI Compliance

KPIT Cummins, a global leader in productengineering solutions for automotive industry, announced that its In-Vehicle Infotainment (IVI) platform is now compliant with GENIVI Compliance Specification Release 1.0. Automotive OEMs are aggressively pursuing the adoption of consumer electronics (CE) features in infotainment. KPITs infotainment platform speeds up this process by leveraging the critical mass of open source community, which enables broader coverage and faster support of new CE technologies.

Leveraging KPITs 10+ years of experience in production program software, the platform features automotive grade robustness, leverages scale to reduce total cost of ownership; and is supported by a mature service delivery organization to speed up development of product variants across feature sets and geographies.

With reliance on KPITs GENIVI compliant platform, OEMs and Tier 1 suppliers can put focus back on innovation where it matters - unique user experience through HMI and application software.

The platform contains core services and frameworks to enable faster, context-aware HMI (Human Machine Interface) and application development. It integrates frameworks and APIs (Application Programming Interfaces) for multimedia, CE device connectivity, Bluetooth, security, software update and location based services. It is optimized for the latest ARM based application processors from multiple silicon vendors as well as for the Intel Atom processor.

Key features of the platform include:
In-vehicle software updates and rapid integration of software components specific to a vehicle program
Comprehensive multimedia framework (audio & video)
Rapid integration of wired (e.g. USB) and wireless (e.g. Wi-Fi, Bluetooth) consumer devices
Location based services and navigation
Comprehensive support for internet applications and HTML5
Car maker specific User Interface development
Toolset and developer SDK (Software Development Kit) for application development

Expressing pride on this important milestone, Anup Sable, Senior Vice President, Automotive & Engineering, KPIT Cummins said, "GENIVI compliance is an important development in KPITs pursuit of leadership in infotainment through platform solutions and integration services. It demonstrates our continued commitment to the vision we share with GENIVI and reinforces our long-standing partnership with the automotive ecosystem to accelerate innovation and standardization in

infotainment, AUTOSAR, diagnostics and vehicle integration."

"KPIT has demonstrated impressive commitment to GENIVI early on through contribution to multiple Expert Groups and execution teams. As GENIVI expands its reach and value to carmakers, the addition of a compliant platform from a credible partner like KPIT will help further drive GENIVIs mission of open innovation", said Graham Smethurst, GENIVI President.

KPITs infotainment platform will be demonstrated at the GENIVI Demo Showcase at Consumer Electronic Show (CES) 2012 in Las Vegas, NV from Jan 9th to 11th; and at the Auto Expo 2012 in New Delhi, India from Jan 7th to 11th.

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, visit www.genivi.org [1].

For more information about KPIT Cummins, please visit www.kpitcummins.com [2].

Source URL (retrieved on *05/24/2013 - 7:44am*):
http://www.ecnmag.com/news/2012/01/kpit-cummins-infotainment-platform-achieves-genivi-compliance?qt-video_of_the_day=0

Links:
[1] http://www.genivi.org
[2] http://www.kpitcummins.com