

Android for the Automobile - COQOS offers a quick solution

Berlin, 15. April 2010. The COQOS operating system enables the integration of Linux-based infotainment applications with the typical vehicle functions into one and the same control unit. Thus the German company OpenSynergy has succeeded in introducing the fast-paced world of consumer electronics into the car while, at the same time, taking the special requirements into account that apply to automotive software functions. "With the help of COQOS the Chinese automobile industry may succeed in offering vehicles with innovative Infotainment applications that are well integrated in the vehicle functionality. And this already after extremely short development times for the Tier1", explains CEO Rolf Morich on the occasion of his visit at the 2010 Beijing International Automotive Exhibition.

Access to personal media, downloading and installing "apps", social networking and Internet access are part of the lifestyle of today's end users. The applications that can be installed today on mobile phones, should therefore be available on the head unit of future vehicles. In addition, this future head-unit must also serve as a platform for applications that are specifically designed for the car environment. Until now, many manufacturers used to develop this head unit largely from scratch for each new family of automobiles. One of the reasons is the special requirements on vehicle electronics systems in regard to reliability and safety. The associated long development times of the vehicles make it impossible for manufacturers to keep in sync with the flood of innovation on the consumer electronics market.

OpenSynergy's product "COQOS" makes it possible to significantly reduce these development times because it enables the merging of infotainment applications and vehicle functions on a shared hardware platform. The technical solution is that COQOS partitions the hardware into securely separated areas. This technology is based on the principle of virtualization. In this way, one and the same hardware platform can integrate both automotive vehicle functions and an existing infotainment host platform. Android, for example, may function as such a host platform.

"Who ever is able to offer running Smartphone applications in the vehicle has a decisive market advantage", emphasizes Armin Dieckmann, Partner and Vice-President Business Development & Sales of OpenSynergy. The former Vice President at Continental Automotive (previously Siemens VDO Automotive) continues: "COQOS is the solution to taking advantage of this feature. Short development cycles and innovative Infotainment will enable the Chinese manufacturers to win over customers of the more established manufacturers and to bind existing customers with highly attractive offerings".

PRESS RELEASE

About OpenSynergy

The company having its headquarters in Berlin develops and markets the universal car operating system COQOS. This operating car system allows a safe execution of infotainment applications and AUTOSAR functions on a single hardware through virtualization. Based on a modular concept COQOS can be used in head units, instrument cluster and body control modules. Additionally OpenSynergy offers consulting and software engineering in the areas like infotainment, connectivity and AUTOSAR.

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