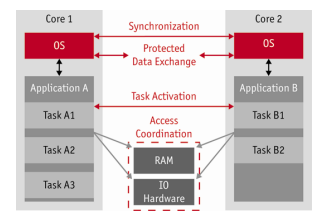


## New Embedded Operating System for Multi-Core Processors according to AUTOSAR

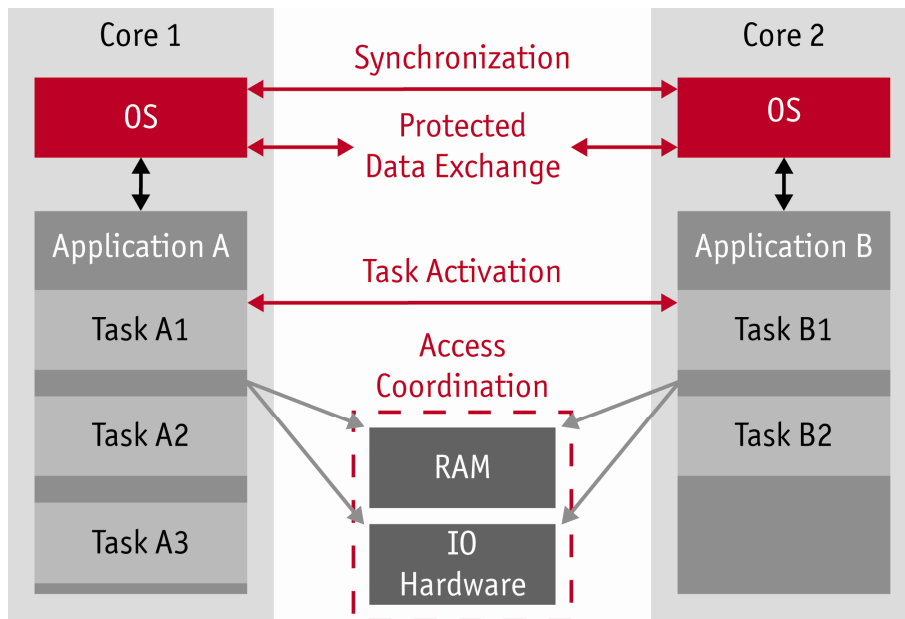


STUTT GART, Germany, 2011-06-21 – Vector’s MICROSAR OS Multi-Core is an efficient and robust operating system for automotive applications on multi-core processors. It enables independent execution of the application software on multiple processor cores. To accomplish this, the operating system utilizes synchronization methods and coordinated access to common resources.

MICROSAR OS Multi-Core extends the proven operating system family from Vector and conforms to the AUTOSAR standard. The concept of static configuration results in a compact and very fast kernel of MICROSAR OS Multi-Core. Therefore, this operating system is optimal for embedded applications. If required, it can be extended by memory protection or execution time protection.

The operating system services provide the interfaces known from OSEK/VDX and AUTOSAR. For this reason the incorporation effort of automotive ECU developers is very low.

MICROSAR OS Multi-Core is now available and has been successfully implemented in early projects.



[Figure: MICROSAR OS Multi-Core is ideal for separate but synchronized processing of automotive applications on multi-core processors.]

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About Vector Group (Revised: June 1, 2011):

Vector is the leading manufacturer of software tools and software components for networking of electronic systems based on CAN, LIN, FlexRay, Ethernet and MOST as well as multiple CAN based protocols. The Vector know-how is reflected in a wide range of tools as well as in integrated consulting services with software and systems engineering. Workshops and seminars complete the manifold training program. Customers from the automotive engineering, the commercial vehicle, aerospace, transportation and control technologies around the world trust in the solutions and products from the independently-owned Vector Group.

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