

Hypervisor technology meets AUTOSAR stack

OpenSynergy's announces new partnership with ATPJ

Berlin, November 20, 2019. OpenSynergy announces its partnership with the Japanese company APTJ developing a Classic AUTOSAR solution for automotive control systems. This way, OpenSynergy extends its AUTOSAR related activities. OpenSynergy, a long-lasting AUTOSAR development partner based in Berlin, provides the automotive industry with virtualization platforms to enable the convergence of functionalities in the car. Customer can use these platforms with pre-integrated AUTOSAR stacks to shorten the development time for all projects using AUTOSAR applications. In the future, OpenSynergy could offer Julinar to customers interested in hypervisor software development with pre-integrated stacks.

OpenSynergy has been involved with the development of AUTOSAR standards since the early days of this consortium and is still today an active development partner. An international team of nearly 20 AUTOSAR experts is working on OpenSynergy's AUTOSAR products and features. In doing so, these specialists also contribute to the enhancement of the AUTOSAR standard.

For customers who need seamless integration of the ECU into the in-vehicle network, running multipurpose software systems simultaneously on the same platform, both virtualization platforms of OpenSynergy, COQOS Hypervisor SDK and COQOS Micro SDK, can provide a pre-integrated AUTOSAR environment in a dedicated virtual machines. This combination offers the fastest option for deploying industry standard compliant services, such as diagnostics, and it makes it possible to use AUTOSAR software components that implement real-time applications.

Now, OpenSynergy intends to extend the list of supported stacks with Julinar. Stéphane Turlier, Director of the Competence Center Automotive Integration at OpenSynergy emphasizes: "Working with Julinar from APTJ helps us to widen the spectrum of operating systems and stacks that can be hosted on our COQOS virtualization solutions. Ultimately, this will help us to give to our customer more flexibility in their system design and a faster bootstrap in their development lifecycles."

PRESS RELEASE

About OpenSynergy

OpenSynergy provides embedded software products for the next generation of vehicles. Our hypervisor and communication products pave the way for an integrated driving experience.

The virtualization platform COQOS Hypervisor SDK supports the convergence of software-based vehicle functions with different requirements on safety and security. It is designed for multi-display cockpit controllers, smart antennae or powerful domain controllers using a mix of AUTOSAR technology and open solutions, such as Linux and Android.

OpenSynergy's communication stacks allow the wireless connection between the car and the cloud or between the car and mobile devices. OpenSynergy's Blue SDK is the reference Bluetooth implementation for many OEMs around the world.

Our engineering services complement the products.

Read more on www.opensynergy.com

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