

## **Linux for Safety Critical Applications**

OpenSynergy supports OSADL research

**Berlin, August 17, 2017. OpenSynergy is now supporting the research of the Open Source Automation Development Lab (OSADL) eG. In this alliance, companies and research facilities have joined forces to develop Linux further for industrial purposes. OpenSynergy supports OSADL's efforts to extend Linux to a real-time operating system that is also suitable for safety-critical applications.**

OSADL is a German organization that promotes and coordinates the development of Open Source software. The members are manufacturers of hardware and software for automation technology, semiconductor companies, and users, as well as providers of open source software. These include automotive manufacturers, suppliers and software companies.

Of the numerous ongoing projects, OpenSynergy supports two:

1. "Real Time Linux". Real-time capability is implemented in the Linux kernel.
2. "Safety-Critical Linux". In this project, mechanisms are being prepared that create conditions for certification of the Linux kernel.

OpenSynergy supports these projects through its specialized expertise in embedded automotive software. OpenSynergy's products enable systems to be developed that meet the high safety and security requirements of the automotive industry. OpenSynergy would like to actively contribute to the OSADL collaboration.

"If, through the cooperation with the partners in OSADL, a real-time and safety-critical Linux can be developed, that would be a huge boost for the automotive industry," emphasizes Rolf Morich, CEO of OpenSynergy. "Linux would then be able to be deployed to an even greater extent in the vehicle because many functions in the vehicle are safety-relevant in which today's proprietary operating system is used."

# **PRESS RELEASE**



## **About OpenSynergy**

OpenSynergy is a high-tech company specializing in embedded automotive software for in-car cockpit solutions. The core products are the modular software development kit COQOS SDK and the leading Bluetooth™ stack Blue SDK.

Our products enable the convergence of instrument cluster, head unit, driver assistance and connectivity systems. Essential technologies are virtualization and Open Source software. Our solutions comply with requirements of standards like AUTOSAR and Bluetooth™. By doing, so we pave the way for autonomous driving.

OpenSynergy is an independently managed company headquartered in Berlin with further locations in Munich and the U.S. We continue to grow through the strong demand for our products. Our company's team consists primarily of highly qualified engineers. Our corporate culture is inspired by the international character that defines our employees, partners and customers.

Read more on [www.opensynergy.com](http://www.opensynergy.com)

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