PRESS RELEASE

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Efficient Automotive Ethernet Testing

BroadR-Reach Ethernet in Real-Time

The way into the future
The »RealTime Suite«™ 10
now supports BroadR-Reach!

Kithara Software, innovator for PC-based real-time, has announced support for BroadR-Reach within the »RealTime Suite«. With real-time capabilities for the BroadR-Reach standard, automobile developers are able to directly control and test physical Ethernet networks for vehicles.

With the implementation of BroadR-Reach Ethernet into the function library »RealTime Suite«, the Berlin-based software company expands its continually growing range for the automotive industry. Guaranteed reaction times provided by the Kithara real-time system allow for precise and lossless data capture via the Ethernet transport layer as well as their integration into sophisticated test processes.

"Ethernet will certainly have a set place in future's automobiles. With support for BroadR-Reach we bridge the gap between our high-performance Ethernet drivers and modern vehicle networking. We are working closely together with some of the automotive industry's most important innovators, who have discovered the advantages of the Kithara's real-time functions for testing

automotive electronics technologies.", Uwe Jesgarz, managing director of Kithara Software GmbH, explained.

The benefits of Ethernet in automotive networking are extremely fast transmission rates, high scalability as well as cost efficiency regarding wiring and programming. The open BroadR-Reach standard represents a physical Ethernet transmission layer that enables multiple vehicle systems access to fast data communication. This way for instance, real-time Ethernet can be used as a central backbone network. Furthermore, by utilizing switches, the bandwidth of Ethernet networks can be further optimized.

Many of Kithara's real-time functions are applied in the development of cutting-edge automotive technologies. They are mainly used for hardware-in-the-loop applications, such as for precisely capturing and reproducing simulation data.

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About Kithara Software GmbH

Kithara Software is a specialist for real-time solutions, especially for the Windows® operating systems family. The real-time extension RealTime Suite is a comprehensive system library for hardware-dependent programming, communication, automation and image processing in real-time. The software is an easy-to-use and powerful technical basis for advanced applications in robotics, image processing, measurement and control engineering as well as automation. It is the key element in machine building, for testing rigs and other specialized applications. Kithara Software has representations in the USA as well as China and supports global companies in their innovative projects.

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