Press Release

Berlin, September 14, 2021

Real time for Windows 11 release

Kithara Software, specialist for PC-based real time, will completely support Windows 11 already on its release in October. This will allow for the upcoming Windows version to be used with "hard" real-time capabilities.

Thanks to extensive tests with the Insider Preview version, the compatibility of Kithara RealTime Suite with Windows 11, releasing on October 5, has been successfully ensured. This will enable Windows PC systems, even with the latest version, to be run like a real-time operating system, i.e. with guaranteed short response times. This way, even the high requirements in industrial fields such as manufacturing automation, image acquisition and processing as well as automotive engineering can be fulfilled.

"It has always been important for Kithara to ensure the broadest possible support of our real-time system for the different Windows variants. This includes both the functionality with older versions as well as keeping up to date with the latest generation of the operating system. For industrial users who want to deploy Windows 11 early on while still having access to real-time capabilities, we will provide this option at the time of release", explained Uwe Jesgarz, managing director of Kithara Software.

The basic operating principle entails running the Kithara real-time system in parallel to Windows, which in itself does not have real-time capabilities. During the boot procedure, both real-time system and Windows are allocated a user-defined number of available CPU cores. From that point on, both run on separate cores in order to benefit from Windows' ease of use and the wide program variety without having a negative performance impact on the real-time system.

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

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