Press Release

Berlin, April 28, 2026

Responsible
Kithara Software GmbH
Uwe Jesgarz

Reader's Contact
Phone: +49 30 2789673-0
Fax: +49 30 2789673-20
Email: info@kithara.com
Web: www.kithara.com

Kithara Software and InoNet Enter Technology Partnership

Kithara Software and InoNet are combining their expertise to provide a high-performance industrial PC platform for demanding real-time applications. The goal of the partnership is to combine industrial PCs from InoNet across a wide range of performance classes with the Kithara real-time system and to demonstrate this as a validated solution for industrial machine vision as well as Advanced Driver Assistance Systems (ADAS).

The platform addresses applications with high demands on determinism, computing power, and reliability. Typical use cases include high-resolution image acquisition and processing, AI-based analysis, sensor fusion, and safety-critical control tasks in vehicles and machines.

By integrating the Kithara real-time system on InoNet's high-performance embedded PCs, a comprehensive system solution is created that combines hard real-time capability under Windows, multicore support for parallel, latency-critical processes, high computing power for machine vision and AI algorithms, an industrial-grade hardware design for demanding environments and scalability from prototypes to series production.

The combination of industrial-grade hardware and deterministic software enables system integrators and OEMs to implement complex image processing and ADAS applications on a standardized platform. Development effort is reduced, integration risks are minimized, and time-to-market is shortened.

"With InoNet, we have found a partner whose industrial PC systems are ideally suited for compute-intensive real-time applications. Together, we

demonstrate that demanding machine vision and ADAS functionalities can be realized on industrial standard platforms with deterministic behavior," explains Uwe Jesgarz, CEO of Kithara Software GmbH.

The joint demonstration platform will specifically target the mid to high performance range and will focus in particular on scenarios with high data rates, low latency and synchronized processing of multiple sensor streams. Kithara and InoNet are thus addressing system integrators, machine builders, and manufacturers of intelligent vehicle systems.

Beyond the partnership, both companies plan to provide reference designs, technical white papers, and application examples to enable customers to carry out well-founded evaluations and to facilitate a rapid start in implementing their own real-time projects.

***

Kithara Software GmbH

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 worldwide and supports globally active companies in their innovative projects.

InoNet Computer

InoNet Computer GmbH is a developer and manufacturer of industrial PCs, specializing in the technical requirements of its customers. InoNet is part of Eurotech and represents it in the DACH market. For over 25 years, the development team has been working on robust computing solutions "Made in

Germany” and, as a competent partner, offers customer-specific new developments as well as proven standard systems with individually customizable modifications. Thanks to its own development department and production at the company headquarters in Taufkirchen near Munich, as well as many years of project experience, InoNet is able to provide tailor-made solutions for specific customer applications. The InoNet portfolio includes flexibly configurable 19" rackmount PCs, compact and high-performance embedded systems, high-performance computers, as well as panel PCs and displays. InoNet industrial PCs are used wherever systems with the highest demands on performance and durability are required for continuous operation – in machine control and automation in manufacturing, in industrial image processing and AI applications, in medical technology, or in the automotive sector for use in vehicles. With this broad portfolio, InoNet delivers the right computing solution at every point of the IIoT ecosystem.

- Ca. 2,350 characters (incl. spaces)
- Restriction notice: available for immediate publication
- Please inform us via email in case of publication.
- Press contact: Martin Ebert
- Email: m.ebert@kithara.com
- Phone: +49(0)30-2789 673-14