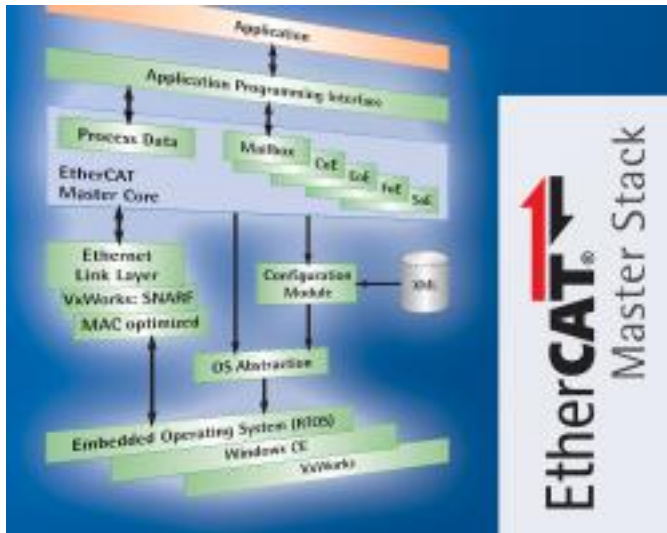


EtherCAT Master Stack

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Press release from: [IXXAT Automation GmbH](#)



IXXAT now offers an EtherCAT Master Stack, specially suited for the usage under real time operating systems on embedded platforms. At this, many conventional network interface cards are directly supported, so no special hardware is required for the Ethernet connection.

Already late last year, IXXAT extended its EtherCAT product portfolio by establishing a cooperation with acontis technologies GmbH, a leading technology provider in the area of EtherCAT. Besides the EtherCAT Master Stack from acontis, IXXAT also offers the adaptation to customer specific systems on a project base.

Fully implemented versions of the EtherCAT Master Stack are currently available for the operation systems Windows CE, VxWorks, RTX, On Time RTOS-32, QNX, CeWin, VxWin, Linux and Windows XP. The operation under Windows XP is in-tended for applications without special real-time demands. On request, the Ether-CAT Master Stack is also offered as source code, which can be easily ported to other operating systems by using an abstraction layer.

Besides the primary process data transfer, including the XML based configuration, error detection and diagnosis, also feature packages are offered, e.g. for Ethernet over EtherCAT (EoE), File Access over EtherCAT (FoE), Hot Connect and Distrib-uted Clocks.

The EtherCAT Master Stack is an ideal supplement for the Industrial Ethernet Module from IXXAT, enabling an easy implementation of EtherCAT based systems. At this, IXXAT also offers the Industrial Ethernet Module as design-in solution for the complete integration into the customer hardware.

For further information about the EtherCAT Master Stack please visit our webpage:

www.ixxat.com/ethercat-master-stack_en.html.

IXXAT Automation is a leading provider of data communication products and services for the automation and automotive industries. The company focuses on industrial communication systems based on CAN (CANopen, DeviceNet), Ethernet (POWERLINK, EtherNet/IP, PROFINET, EtherCAT, Modbus-TCP), and TCP/IP with the associated transport protocols. Solutions for the automotive industry are mainly based on CAN (diagnosis protocols, SAE J1939), FlexRay, and LIN. IXXAT is experienced in the development of safety-oriented hardware and software in compliance with IEC 61508. In addition to designing system solutions and developing hardware and software, IXXAT supports the implementation and application of CAN and TCP/IP communication systems and offers training and consultation. The extensive product portfolio includes interface cards, test systems, analytical tools, and protocol software. Currently, the company employs a staff of 80, mostly electronics engineers and computer scientists. IXXAT has an ISO 9001-certified quality management system.

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[You can find this press release here](#)