

EtherCAT Technology Wins CMCD Award for ‘Excellent Communication Protocol in the Motion Control Field’

EtherCAT technology received prominent recognition at the 2019 Intelligent Manufacturing & China Motion Control Industry Forum & Awards Ceremony hosted by Chuandong.com and the China Motion Control Industry Alliance. At the event held in January in Shunde, Guangdong province, EtherCAT won the 2018 CMCD award for “Excellent Communication Protocol in the Motion Control Field.”

Supported by the EtherCAT Technology Group (ETG) around the world, EtherCAT has been widely recognized in the field of motion control for outstanding performance, true openness and low cost prior to earning the prestigious CMCD award. The industrial Ethernet solution provides unparalleled advantages, making it the standard communication protocol for motion-intensive applications. Among other options, EtherCAT stands out as the top-tier supporting technology for industrial automation platforms, and as a result, it is recommended by China’s “Guidelines for the Construction of National Intelligent Manufacturing Standard Systems.”

EtherCAT is currently in use across the globe in an unrivalled range of intelligent automation applications, such as advanced manufacturing, measurement, control, semiconductors, energy, defense, and entertainment. Unlike other communication protocols, EtherCAT has only one protocol version that has continuously updated. The industrial Ethernet technology was developed by Beckhoff Automation and released in 2003. It has developed rapidly since entering the Chinese market in 2007. That year, EtherCAT also became an IEC standard. In 2016, EtherCAT P, which integrates EtherCAT communication and power into one cable, was introduced. In 2018, Safety over EtherCAT (FSoE) became a national standard in China. Recently, ETG has also been exploring the combination with Time-Sensitive Networking (TSN) without changing either technology to support the application in heterogeneous networks.

EtherCAT technology earned the CMCD award, in addition to wide recognition from Chinese industry experts and engineers, not only because of its outstanding performance but also because of its inherent openness. This offers Chinese manufacturers the best opportunities to enhance product performance and improve device designs. In the future, EtherCAT technology will continue to develop, enabling leading-edge innovation and transformation for manufacturers in China and around the world.

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Press picture:



Link: www.ethercat.org/images/press/etg_012019.jpg

Picture caption:

EtherCAT won the CMCD award for “Excellent Communication Protocol in the Motion Control Field” at 2019 Intelligent Manufacturing & China Motion Control Industry Forum & Awards Ceremony.

About EtherCAT Technology Group (ETG):

The EtherCAT Technology Group is an organization in which key user companies from various industries and leading automation suppliers join forces to support, promote and advance the EtherCAT technology. With over 5,200 members from 65 countries the EtherCAT Technology Group has become the largest fieldbus organization in the world. Founded in November 2003, it is also the fastest growing fieldbus organization.

About EtherCAT®:

EtherCAT is the Industrial Ethernet technology which stands for high-performance, low-cost, easy to use with a flexible topology. It was introduced in 2003 and has been an international IEC standard and a SEMI standard since 2007. EtherCAT is an open technology: anyone can implement or use it.

➔ For further information please see: www.ethercat.org

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