

EtherCAT Technology Group conducts first Safety over EtherCAT Plug Fest

The EtherCAT Technology Group (ETG) recently held its first Safety over EtherCAT Plug Fest with great success. Numerous manufacturers of EtherCAT safety master and slave devices came to Verl, Germany, to test the interoperability of their Safety over EtherCAT (FSoE) devices and to exchange knowledge with the other participants and the experts on-site.

EtherCAT Plug Fests have been a fixture in the ETG event calendar for many years. Although the exclusive focus on FSoE was new at this particular Plug Fest, it was well received: A total of 36 participants from 18 different companies came to Verl, Germany, where the event took place at the facilities of ETG member company Beckhoff Automation GmbH & Co. KG. The attendees tested their FSoE devices for interoperability, and in total they brought nine masters, 15 slave devices as well as one stack and one tool. According to the experts on-site, the interoperability of all devices was consistently very good.

EtherCAT devices without safety functionality were not permitted at the event; the EtherCAT protocol served only as a transport layer. The focus of the event was on FSoE masters as safe controllers for distributed and central solutions as well as on FSoE I/O devices. In addition, safe drives whose safe drive functions are implemented with the support of the ETG.6100 profile were tested. The profile serves to standardize the functionality and parameters for drive-integrated safety functions.

Guido Beckmann, who attended the event as FSoE expert from the EtherCAT Technology Group, explains: "Since the introduction of Safety over EtherCAT into the ETG in 2007, the technology has been very well received by our members. FSoE is one of the most widely used safety protocols, with 38 companies known to us offering such products, not least due to its simple implementation. The Safety over EtherCAT Plug Fest clearly showed us that the communication between FSoE devices also works wonderfully."

Due to the success of the first Safety over EtherCAT Plug Fest from ETG, further events will follow in the future. All information about dates and participation can be found online at www.ethercat.org/events

ETG042019

18th July 2019 | Page 2 of 2

Press picture:



Link: www.ethercat.org/images/press/etg_042019.jpg

Picture caption:

ETG's first Safety over EtherCAT Plug Fest in Verl, Germany, was a great success.

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 5,400 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

Press contact:

EtherCAT Technology Group

Christiane Hammel
Ostendstraße 196
90482 Nuremberg
Germany

Tel.: +49 (911) 5 40 56 226
Fax: +49 (911) 5 40 56 29
press@ethercat.org
www.ethercat.org/press