

EtherCAT live at SPS/IPC/DRIVES 2004

→ Exactly one year after the EtherCAT Technology Group was established in Nuremberg (Germany), ETG will be represented with its own stand at the same venue – SPS/IPC/DRIVES between November 23 and 25, 2004. The exhibition on booth 544 in hall 7 focuses on EtherCAT implementations and an application example from the sheet metal processing sector.

The EtherCAT Technology Group is an association of automation users and manufacturers aiming to support EtherCAT technology and its development. The association currently has 127 members worldwide, representing a wide range of sectors and application areas.

At this year's SPS/IPC/DRIVES in Nuremberg, ETG will have its own booth for the first time, presenting EtherCAT technology and EtherCAT Technology Group activities. The focus is on EtherCAT products from several manufacturers and a concrete EtherCAT application.

A total of 27 member companies will exhibit at the ETG stand, demonstrating their strong ongoing commitment to EtherCAT. Many manufacturers consider the EtherCAT technology to be the way to go and will announce associated products. Numerous EtherCAT implementations involve both the master side and the slave side. EtherCAT devices on display include controllers, I/O systems, drives, encoders, interface cards, infrastructure components, software, and tools.

A roll feed from Schuler AG will be presented as a concrete application example. The roll feed was specially developed for coil stock feeding in presses. The presses can be operated with cutting tools, follow-on composite tools or transfer tools. An Industrial PC is used for control tasks. The I/Os involving EtherCAT terminals from Beckhoff and servo drives and motors from Baumüller are connected via EtherCAT.

In many applications, EtherCAT is not only used due to its high performance, but also due to the low connection costs. So far, EtherCAT is the only solution for demanding real-time applications that does not require special plug-in cards in the PC. All it needs is the standard Ethernet controller. EtherCAT also has benefits for applications where high performance is not a primary consideration: It offers flexible topology, opportunity for large network sizes, and simple configuration.



Exhibitors on the ETG booth at SPS/IPC/DRIVES:

3S-SMART SOFTWARE SOLUTIONS GmbH
ALSTOM Power Conversion
ALTERA GmbH
BALLUFF GmbH
BAUMÜLLER (Nürnberg) GmbH
BECK IPC GmbH
BECKHOFF
DANAHER Motion GmbH
DEUTSCHMANN Automation
DIGITRONIC Automatisierungsanlagen GmbH
DLR e.V.
EBV Elektronik
FRABA Posital GmbH
FRITZ KÜBLER GmbH
HILSCHER GmbH
IVO GmbH & Co.
KOENIG Prozessautomatisierungs GmbH
KW-Software GmbH
LUST Antriebstechnik GmbH
MTS Sensor Technologie GmbH & Co. KG
PROFIMATICS GmbH
SERVO DYNAMICS
STEINHOFF Automation & Fieldbus-Systems
STÖBER Antriebstechnik GmbH & Co. KG
TR Electronic GmbH
UNIDOR GmbH
WEIDMÜLLER Interface GmbH & Co.