

## SPS/IPC/DRIVES 2007

Between 27 and 29 November 2007 around 1,280 exhibitors will present products, trends and solutions at SPS/IPC/DRIVES in Nuremberg/Germany. The fair covers ten exhibition halls with a total floor area of more than 85,000 m<sup>2</sup>.

The complete range of Beckhoff products and PC-based automation solutions will be on show at the 1,000 m<sup>2</sup> Beckhoff stand in Hall 7, Booth 406. The stand booth is split into different sections for IPC, I/O, Motion, Automation plus the Solution Forum, where industry-specific solutions will be presented.

### Performance in Automation

Under the heading "Performance in Automation" Beckhoff will present its integrated hardware and software platform for Intel® Core™ Duo or Intel® Core™2 Duo processors, which enables further performance increases for PC-based control applications. Users can select the right IPC for their application from 13 different IPC device families offering Core™ Duo performance, ranging from Panel PCs to the ultra-compact control cabinet PCs. The TwinCAT automation software fully supports the Core™ Duo technology and automatically detects Core™ Duo systems.

XFC technology (eXtreme Fast Control Technology) was designed for applications with extreme performance and precision requirements. XFC represents a control technology that enables very fast and highly deterministic responses. Users benefit from new options for enhancing the quality of their machines and reducing response times. XFC offers gains in performance and efficiency for high-end and standard machines.

### EtherCAT-based automation

EtherCAT – the fastest Industrial Ethernet technology – has become established: Beckhoff offers the complete range of EtherCAT products. All devices support all EtherCAT topology types, i.e. line, ring, tree, star, including combinations of different types and configurations with line

redundancy. Users can choose between the extended EtherCAT Terminal system, Bus Couplers based on glass fibre technology for particularly long network distances, bridge terminals connecting several EtherCAT segments, and Safety over EtherCAT components. However, the Beckhoff philosophy of open control technology goes even further: New interfaces for other market-relevant Industrial Ethernet solutions complement the range of products. Special highlights are the PROFINET gateway and the real-time Ethernet port multiplier. With TwinCAT and the port multiplier several EtherCAT segments – including configurations with line redundancy – can be operated via an Ethernet interface. The system is also suitable for other Ethernet protocols, with synchronisation available based on the respective real-time capability.

The Motion Forum will focus on the AX5000 EtherCAT drives with integrated safety functions. The Beckhoff presence at SPS/IPC/DRIVES is rounded off with participation on the EtherCAT Technology Group stand, where more than 50 exhibitors will present their real-time Ethernet solutions for EtherCAT.





**The main information at a glance:**

- | SPS/IPC/DRIVES 2007, Nuremberg Exhibition Centre, Germany
- | 27. – 29. November 2007
- | Opening hours:  
Tuesday and Wednesday 9am – 6pm,  
Thursday 9am – 5pm
- | Beckhoff main booth: hall 7, booth 406

**Beckhoff at partner booths:**

- | EtherCAT Technology Group, hall 6, booth 309
- | PROFIBUS user organisation, hall 6, booth 210

Further Information:

- [www.mesago.com/sps/](http://www.mesago.com/sps/)
- [www.beckhoff.com/sps2007/](http://www.beckhoff.com/sps2007/)

