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Invitation

The full spectrum of smart and digital automation with PC-based control

SPS – smart production solutions
Nuremberg
November 14 – 16, 2023
Hall 7, Booth 406

New Automation Technology **BECKHOFF**

PC and EtherCAT-based control technology for smart automation solutions and digitalized machine and plant processes

From November 14 to 16, 2023, we will present our high-tech product portfolio and a wide range of exciting technology for the PC-based control technology sector. You can look forward to seeing the latest developments in our innovations, for example the MX-System, the pluggable system solution for control-cabinet free automation, the ATRO modular industrial robot system or ChatGPT's integration into our TwinCAT 3 engineering environment. We continue to set benchmarks in industry with these and many more new products. Harness our innovative power to bring your ideas to life and optimize existing processes and systems.

We look forward to welcoming you to the Beckhoff booth again in person, in Hall 7, Booth 406.

MX-System: A pluggable system solution for control cabinet-free automation

- modular system with IPC, coupler, I/O, drive, relay, and system modules on scalable baseplates for placing directly on the machine
- for control cabinet-free machine and system concepts in robust metal housings
- simple plug-and-play principle enables module exchange even by non-specialist personnel
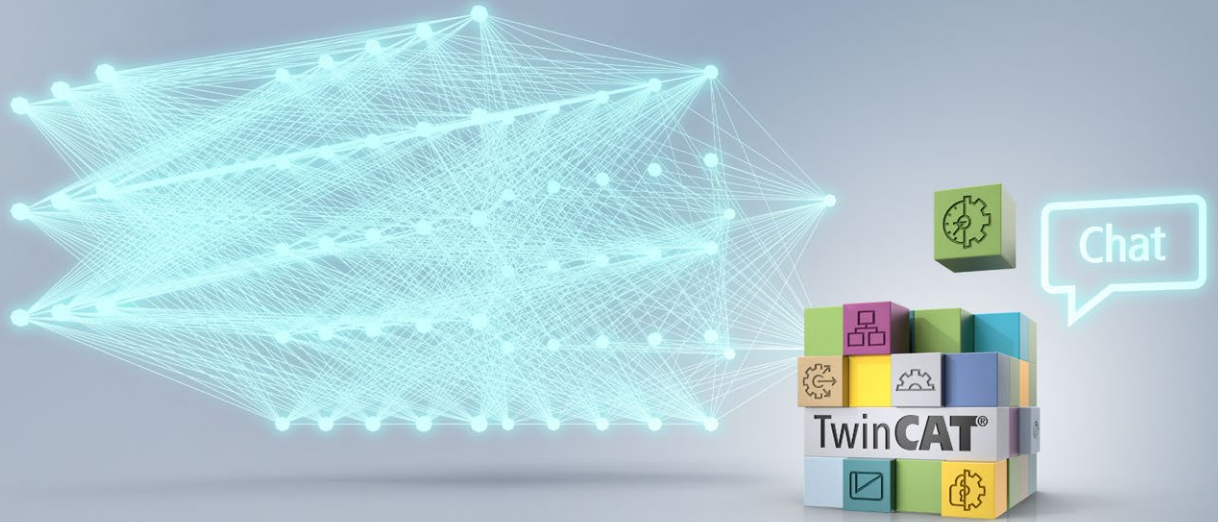
▶ **Learn more**

reddot winner 2023
best of the best

iF DESIGN AWARD 2023

MX-System

TwinCAT Chat:
Develop efficiently with AI support

- large language models (LLMs)
  with integrated TwinCAT 3 in an engineering
- LLM pre-initialized and optimized
  for TwinCAT requests
- automated creation, optimization,
  and commenting for PLC code
- increases productivity in software
  development with TwinCAT

▶ **Learn more**

Vision: Complete, system-integrated machine vision

- camera, optics, illumination, accessories and software from one supplier
- EtherCAT connection
- unique advantages during installation thanks to EtherCAT P for communication and energy
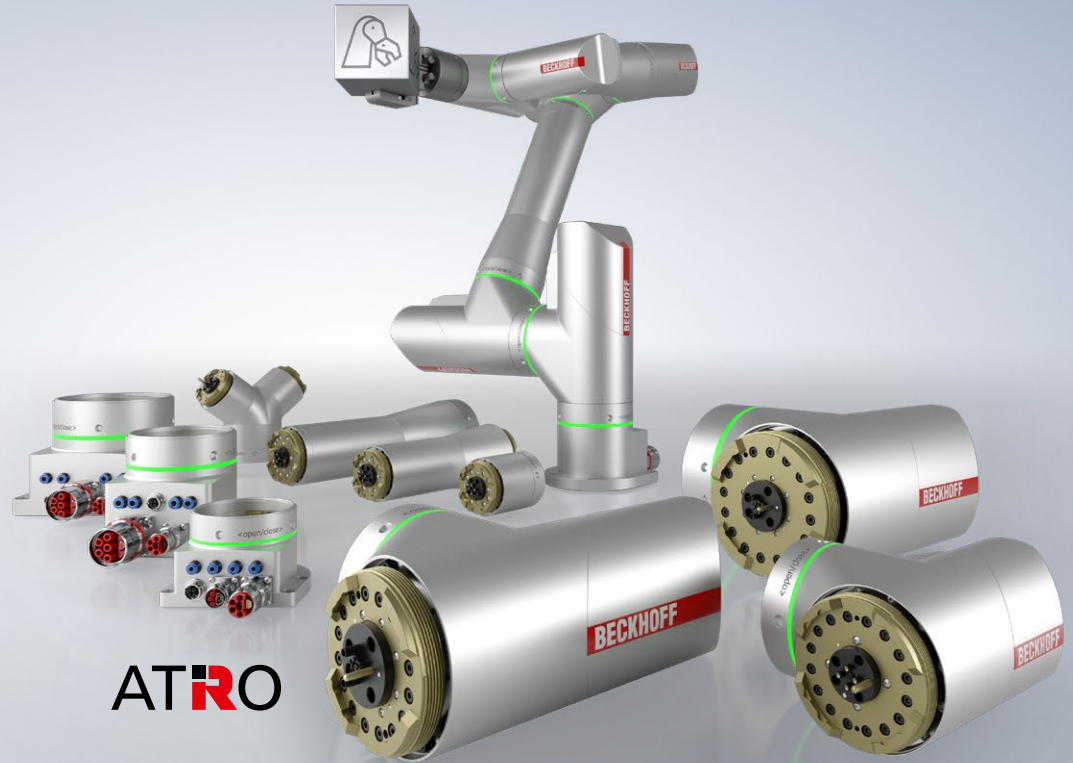- an open vision solution for seamless system integration

▶ **Learn more**

reddot winner 2023

iF GOLD AWARD 2023

TwinCAT®
Version 3

ATRO: The modular industrial robot system

- modular design with standardized interfaces
- complete integration into the control platform
- internal media feed for endlessly rotating axes

▶ **Learn more**

iF DESIGN AWARD 2023

ATRO

BECKHOFF Live + INTERACTIVE

Can't make it to Nuremberg?
Let us bring the SPS highlights to you with Beckhoff Live + Interactive!

Beckhoff Live + Interactive is our way of allowing you to experience our SPS product and technology highlights via a daily digital livestream, with exciting content prepared and presented by our experienced specialists in PC-based control. This means you can tune in live to all three days of the exhibition, or even catch up afterwards, to discover the full world of innovations in PC- and EtherCAT-based control technology from Beckhoff.

- streamed daily from 10:00 a.m. at beckhoff.com and LinkedIn
- no registration required
- duration approx. 30 minutes each

▶ **Learn more**

We're looking forward to your visit!

sps
smart production solutions

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Opening hours:
Tuesday to Wednesday: 9:00 a.m. to 6:00 p.m.
Thursday: 9:00 a.m. to 5:00 p.m.

Reserve your free ticket
now at:
www.beckhoff.com/sps

Beckhoff at partner booths:
EtherCAT Technology Group: Hall 5, Booth 310
PLCopen: Hall 5, Stand 141
PROFIBUS Nutzerorganisation: Hall 5, Booth 210
The MathWorks GmbH: Hall 6, Booth 227

Further information:
www.beckhoff.com/sps
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