

EtherCAT – The Ethernet Fieldbus.

What is EtherCAT?

- EtherCAT (Ethernet for Control Automation Technology) is the fastest Industrial Ethernet solution that provides industry leading performance, flexibility and cost advantages.

Who should attend?

- These full-day seminars specifically address end users as well as system integrators to learn about EtherCAT and other Industrial Ethernet technologies.

Why attend?

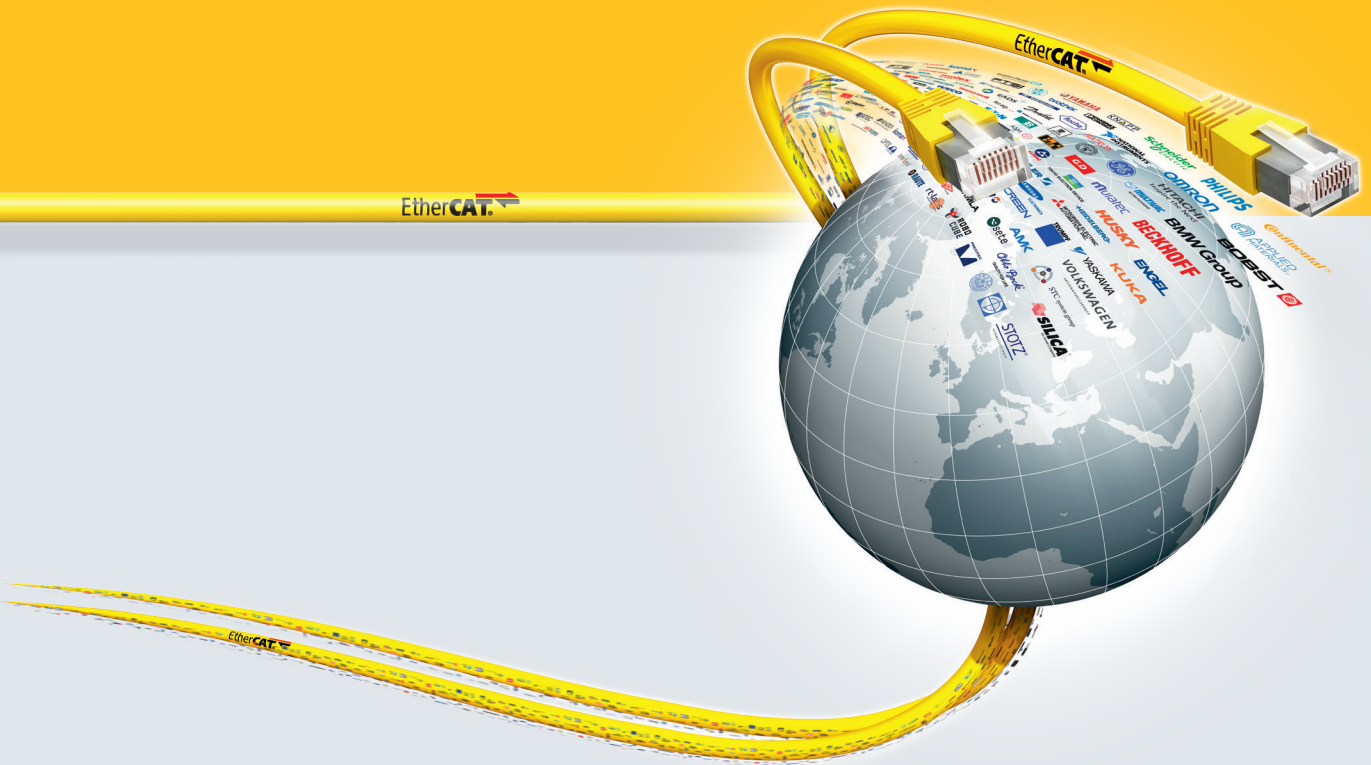
- Learn about the benefits and the challenges of Industrial Ethernet
- EtherCAT information days are educational events from the experts
- Explore and understand EtherCAT technology
- Talk with EtherCAT experts face-to-face, and see how EtherCAT can accelerate your application
- Participation is free of charge and you are cordially invited

About ETG

- EtherCAT Technology Group (ETG) – the world's largest Industrial Ethernet & Fieldbus organization with over 4,700 member companies from 65 countries supporting EtherCAT technology!



Register online today – it's free!
www.ethercat.org/2018/na



Local Contact

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Invitation

EtherCAT Information Day North America



EtherCAT Seminars

May 22, 2018 | Montreal, QC
May 23, 2018 | Milwaukee, WI
May 24, 2018 | Columbus, OH

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Sponsored by: **BECKHOFF**

Organizer: **EtherCAT**
Technology Group

Dates and Locations

Agenda

Sponsor



May 22, 2018
Courtyard Marriott Montreal Airport
7000 Place Robert-Joncas,
Montreal, QC
H4M 2Z5 Canada



May 23, 2018
Four Points Milwaukee Airport
5311 South Howell Ave
Milwaukee, WI 53207



May 24, 2018
Brick House Blue
6605 Longshore St., Suite 240
Dublin, OH 43017

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- 09:00 am Welcome, Speaker Introduction**
- 9:15 am From Ethernet to EtherCAT:
Why change a winning team?**
A detailed look at Ethernet and Internet technologies.
What properties do and do not fit in automation systems.
- 10:00 am EtherCAT Technology Introduction:
How does it work?**
A primer on EtherCAT, how it works, key functional principles,
and performance data compared to other popular fieldbus
technologies.
- 10:45 am Coffee Break**
- 11:00 am EtherCAT Diagnostics and Troubleshooting**
An overview of the outstanding diagnostics features of
the EtherCAT master and slaves, how they can be used in
systems for maximizing uptime, minimizing downtime,
and assisting with troubleshooting a network.
- 11:30 am EtherCAT P**
Power and EtherCAT in One Cable
- 12:00 pm Lunch**
- 12:45 pm Migration from Classical Fieldbus Systems:
Best Practice**
Upgrading from a legacy fieldbus to EtherCAT
in a running system – a practical approach
- 1:15 pm Generating Competitive Advantages with EtherCAT**
A collection of EtherCAT applications, what the challenges
were and how EtherCAT helped solve the automation
challenges
- 2:00 pm Coffee Break**
- 2:15 pm Next-Gen Connectivity:
EtherCAT powers the digital transformation**
How EtherCAT enables the digital transformation
in the context of TSN, OPC-UA, IoT, and Industry 4.0
- 3:00 pm Q&A, wrap up**

EtherCAT



BECKHOFF

Beckhoff implements open automation systems based on PC Control technology. The product range covers Industrial PCs, I/O and Fieldbus Components, Drive Technology and automation software. Products that can be used as separate components or integrated into a complete and seamless control system are available for all industries. The Beckhoff "New Automation Technology" philosophy represents universal and open control and automation solutions that are used worldwide in a wide variety of different applications, ranging from CNC-controlled machine tools to intelligent building automation.

www.beckhoffautomation.com