

ETG News

November 2024 | #032024



EtherCAT[®]
Technology Group

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EDITORIAL

Dear Members,

Welcome to our latest ETG News, in which we would like to invite you to join us in taking a look back at the event year 2024. Whether at trade fairs, as representatives at symposia and conferences or as part of one of our EtherCAT seminars — this year we were once again active in numerous countries, taking EtherCAT further into the world and gaining valuable experience in the process. The positive response from our participants and listeners reflects what we experience in our community on a daily basis, namely how lively and dynamic our network is.



Of course, we would not be able to do all this without the support of our ETG offices around the world and we would like you to know who we have on our team, too. In the “ETG in the spotlight” category, we are therefore focusing this time on the ETG office in China, which is managed by local representative Beryl Fan, who you can get to know better in the “Inside ETG” category.

As usual, you will also find our number games, which give you insights into our statistics and trends. And in the multimedia section, we show you an informative video from this year’s MODEX show in Atlanta, USA.

For now, however, we wish you and us a successful but also reflective end to the year.

Enjoy reading this issue!

Best regards

Martin Rostan, Executive Director

What a year! Around the world with the ETG

Though the year 2024 hasn’t ended yet and there are some events still ahead towards new year’s eve, we take this issue as a chance to look back at the events we’ve conducted this year.

Carrying out our numerous different event formats and participations is one of our main activities to spread EtherCAT

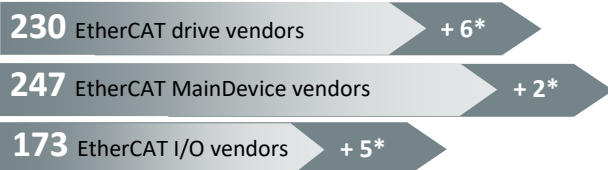
around the world and make the technology even better known.

Year after year, our EtherCAT experts are in action around the globe.

[Read more on page 2.](#)

EtherCAT adoption rate: vendors

EtherCAT is widespread in different markets as well as countries. Please have a look at the impressive figures:



*Indicated changes are compared to the last ETG News.

Playing with figures

We have more than **7970** members from **75** countries and **6** continents. EtherCAT is implemented on more than **40** different RTOS and over **1350** products have been entered in the official EtherCAT Product Guide. There are **60** different Safety over EtherCAT vendors and **68** sensor and actor manufacturers. EtherCAT offers connectivity to **39** other communication systems. ETG has over **8100** followers on LinkedIn and more than **2150** subscribers on YouTube.

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Carrying out our numerous different event formats and participations is one of our main activities to spread EtherCAT around the world and make the technology even better known.

Be it at trade fairs, as a speaker at symposia and conferences or as part of one of our worldwide seminars: Year after year, our EtherCAT experts are in action around the globe.

And even though the year 2024 is not over yet, we can already draw a very positive balance in this issue of our news.

Of course, the focus of our events is on spreading the word about EtherCAT and it is not always easy to keep up with the high number of events. Nevertheless, it always gives us great satisfaction to feel the enthusiasm of the participants on site, to amaze them just by explaining EtherCAT technology and often enough simply to meet old friends and colleagues.

Our international team is committed to spreading EtherCAT all over the world and so we will continue to bring EtherCAT to wherever you are!

We are therefore already looking forward to an exciting event year 2025 and maybe we will meet you - somewhere - around the world.

All information about our events can be found in the [events section](#) of our website. See you!



Playing with figures - event edition

In **2024**, we held over **75** events in **20** countries around the world and online. We presented EtherCAT technology at **40** EtherCAT seminars and appeared at **15** international trade fairs and conferences. As usual, we inspired very many people for EtherCAT and thus again gained around **500** new ETG members within one year.

Semiconductor working group of the ETG meets for the 25th time

This year the Semiconductor Technical Working Group of the ETG met for the 25th time. The anniversary meeting, which took place at ETG member company Applied Materials in Santa Clara, California, USA, was attended by over 70 people both in person and online. In addition to the regular work on profiles for the semiconductor industry, the group also took time to look back on the successes of the working group since it was founded in 2011.



The results are impressive: Over 3,000 person-days have gone into participating in the 25 multi-day meetings to date. The result is over 75 profiles and draft profiles for the semiconductor industry. The task groups within the working group play a key role here, focusing on specific topics or profiles to efficiently drive forward development and implementation.

The Semi TWG, as the working group is known for in short, is primarily made up of equipment suppliers and manufacturers of equipment ("tools") for semiconductor production. However, more and more equipment end users are now also taking part in the meetings. This enriches the group's work by providing valuable insights into practical applications, such as how chip manufacturers use data from certain actuators and sensors or what the exact system requirements are. In addition, feedback from end customers can be used to determine the success of the working group and to identify potential future requirements.

Florian Essler, who plays a leading role in the working group on behalf of the ETG, explains: "We founded the Semi TWG in 2011 with the aim of supporting all system and tool manufacturers and suppliers of semiconductor production components that use EtherCAT or offer products with EtherCAT. The focus of our work is on the development of semiconductor-specific device profiles, installation guidelines and device tests to meet the special requirements of the semiconductor industry. I attribute our continued success to the constructive

atmosphere in the group: the efforts of each individual to use all their experience and expertise to draft specifications that benefit everyone involved."

The meetings of the Semi TWG take place alternately online and in person.



Above: A justifiably proud Florian Essler (ETG) with the participants of the 25th meeting.



Right: No anniversary without cake...

ETG in the spotlight: the ETG Office China in Beijing

Our series „ETG in the spotlight“ highlights different areas within our organization. In this edition of our news, we present the ETG Office China which is located in Beijing, China.



ETG branding with a local twist: the background wall at the ETG Office China in Beijing.

Bundled efforts for EtherCAT

Our ETG team in Beijing, led by **ETG representative Beryl Fan**, plays a pivotal role in spreading EtherCAT technology throughout **China**. The dedicated team supports its adoption across various industries, providing expert guidance and technical support to drive the development of EtherCAT in the Chinese market. Their efforts contribute to the growing presence and success of EtherCAT in the region.



Beryl Fan
ETG Representative China



Geng Cheng
Technology



Jojo Fu
Marketing



Qijie Zhang
Technology



Dr. Yanqiang Liu
Conformance



The Chinese ETG team together with ETG's Martin Rostan (above) and representing EtherCAT at IAS 2024 in Shanghai (right).



INSIDE ETG

Our Team: Beryl Fan

Within this section of our newsletter we introduce you to our team members at the EtherCAT Technology Group.

Name: Beryl Fan

Hobbies: running in the Hutongs of Beijing, snowboarding

With the team since: 2007

Tasks at ETG: Oversee technical marketing for EtherCAT technology in China, including planning events, seminars, and exhibitions, managing new media promotions, representing ETG at forums, and handling membership applications.

Why ETG: It's great to be part of a productive, positive, confident, and active team and to contribute and get the corresponding results.

Why EtherCAT: EtherCAT technology can enhance China's manufacturing capabilities and drive continuous advancements in the automation industry which makes it ready for the future.



MULTIMEDIA



Fast, precise and flexible

The MODEX 2024 show in Atlanta (GA), USA, was a while ago, but our colleagues there shot an exciting video that we don't want to withhold from you.

The video highlights the advantages of EtherCAT for high-speed motion applications, especially those requiring coordinated motion. With precise synchronization across multiple axes, ultra short cycle times, and its super flexible topology, EtherCAT is designed to excel in such demanding environments.

[Watch video](#)

UPCOMING EVENTS

Into a new year full of events...

Now that we have looked back on such a successful year of events, the question of the future naturally arises. Of course, we are also planning to be represented at many trade fairs, seminars and other events during the next year and already have a lot in the pipeline.

Right now we're busy to setup and in some cases already finalize our plans to appear at numerous international events and occasions in 2025.

An overview and all details on the planned events of the EtherCAT Technology Group will be available on our website in due course.

www.ethercat.org/events



Picture of the ETG Joint Booth at the SPS—Smart Production Solutions in Nuremberg, Germany.

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