

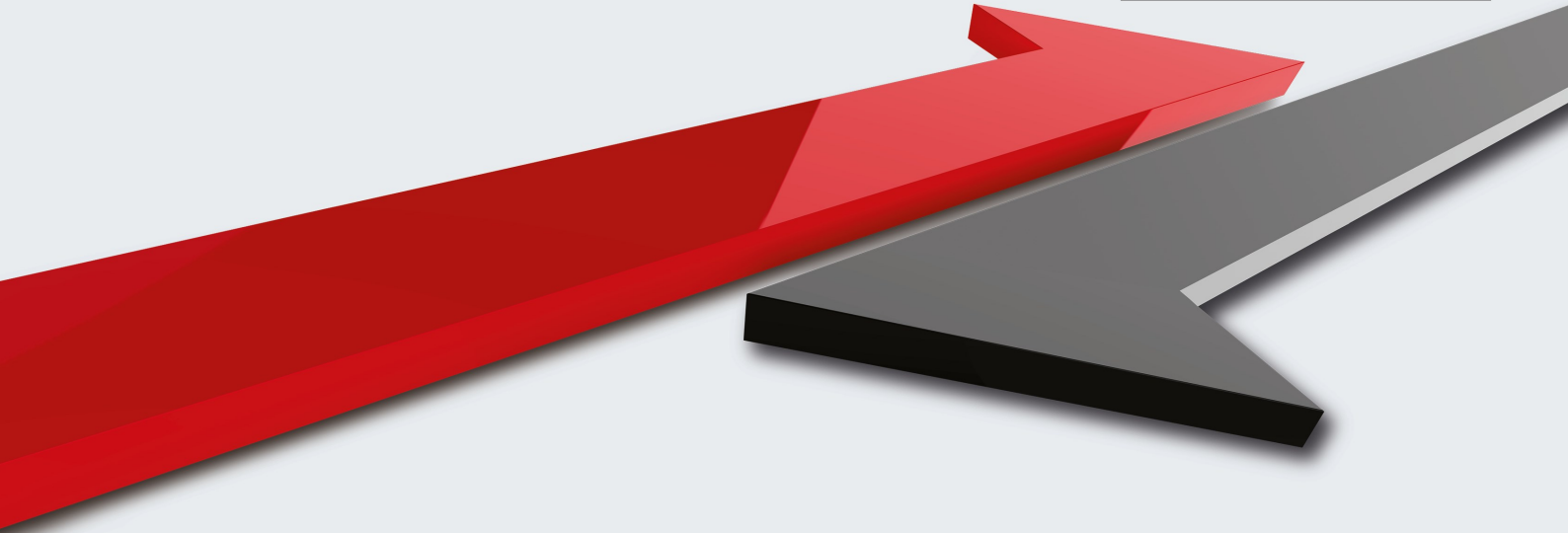
ETG News

April 2025 | #012025

8k

members

#WEARE8000



EtherCAT[®]
Technology Group

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further information

www.ethercat.org

EDITORIAL

Dear Members,

Reaching 8000 members is a significant milestone for the EtherCAT Technology Group, and we take this moment to celebrate not just the numbers, but the people behind them. Each of our members plays a crucial role in driving EtherCAT forward, and your dedication continues to make this technology the leading choice in industrial automation.



A special welcome to Norwalt Automation Group, our 8000th member! Their decision to join ETG underscores the growing global adoption of EtherCAT. With over 88 million EtherCAT nodes in operation worldwide, we see remarkable growth that would not be possible without your contributions.

Speaking of dedication, let me take a moment to highlight the ETG team: From Germany to China, Japan, Korea, and the USA, our team works tirelessly to support the community, organize events, and ensure EtherCAT remains at the forefront of innovation.

This year, we continue our commitment to expansion and knowledge sharing. Our upcoming events, including EtherCAT Seminar Series and EtherCAT Plug Fests worldwide, offer great opportunities to connect, exchange ideas, and shape the future of industrial communication together.

Thank you for being part of this journey. I look forward to meeting many of you at our events soon!

Martin Rostan, Executive Director

8000 members and counting — a remarkable journey!

Right at the end of last year we welcomed the 8000th member to our community. With the Norwalt Automation Group yet another machine builder joined into our rows and will be speeding up its business with EtherCAT from now on.

Still overwhelmed with the fact that we have reached this milestone and that we continue to be the world's largest

fieldbus user organization, we take this issue of our ETG News as an opportunity to take a little walk down memory lane but also to celebrate our incredible community!

[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:

234 EtherCAT drive vendors

251 EtherCAT MainDevice vendors

177 EtherCAT I/O vendors

62 FSoE vendors

Playing with figures

We have more than **8,190** members from **76** countries and **6** continents. EtherCAT is implemented on more than **41** different RTOS and over **1375** products have been entered in the official EtherCAT Product Guide on our website. There are **68** EtherCAT sensor and actor manufacturers. EtherCAT offers connectivity to **39** other communication systems. ETG has over **27,000** followers on a total of **8** social media accounts all over the world.

8000 members and counting — a remarkable journey!

Growth, innovation, and collaboration — these are the pillars that have shaped the EtherCAT Technology Group since its foundation. When ETG was established over 20 years ago with just 33 founding members, no one could have predicted the incredible journey ahead.

Just at the end of last year, our membership has surpassed 8000 and we are proud to celebrate this remarkable milestone. Why? Because this achievement is more than just a number; it is a testament to the strength of our community. The success of EtherCAT technology is inseparable from the dedication and engagement of our members. Developers, manufacturers, researchers, and users around the world have worked together to establish EtherCAT as a leading industrial communication technology. Without this passionate collaboration, our growth would not have been possible.

But we are not stopping here. The continuous adoption of EtherCAT and the ever-growing enthusiasm for our technology show that our journey is far from over. We look ahead with confidence, knowing that the future holds even more exciting developments, innovations, and partnerships.

To you, our members—whether you joined us in the early days or just recently—thank you! Your commitment and contributions make all the difference. Here's to the next chapter of the EtherCAT success story!



„ETG’s initiatives are an important part of our success with EtherCAT. Their insightful events and roadshows showcase EtherCAT’s capabilities and growing vendor support, building confidence for integrators, end-users, and vendors alike. This comprehensive ecosystem empowers us to deliver high-performance solutions without limitations. ETG’s efforts in expanding EtherCAT knowledge and support are fundamental to our ability to craft optimised outcomes for clients.“

Glen Fry, E42 Pty Ltd



„The whole \$100B SEMI industry has accepted EtherCAT for process control and data collection with end users requesting to accelerate roadmaps for EtherCAT implementation across the board. ETG leadership was instrumental to support much of this development. I encourage new potential ETG members to start with learning EtherCAT fundamentals which enable low jitter, high bandwidth, precise I/O data exchange with control computers without taxing CPU cycles for servicing the network. Just this one feature sets EtherCAT far apart from other industrial networks.“

Dmitry Dzilno, Applied Materials



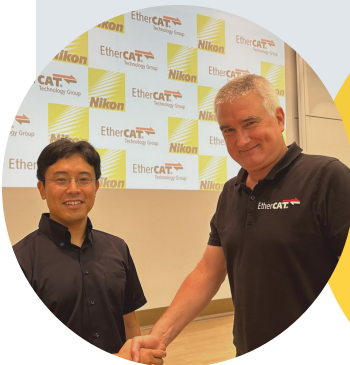
„Being an ETG member for already more than 20 years, I can only recommend joining the ETG! Beyond the direct access to EtherCAT expertise, the highlight for me are the personal connections and the collaborative spirit within the ETG community — driven by the ETG team as well as EtherCAT promoters at member companies. As success is contagious — with all the ideas and impulses you receive as ETG member, you will also make your products a true success!“

Christoph Widman, acontis technologies



„I am a motion control engineer in Nikon. I just love EtherCAT! If you join ETG, you will surely be attracted by EtherCAT technology deeply, too. You have the opportunity to expand your network with other ETG enthusiasts at an annual conference and other events.“

Koichi Sakata, Nikon



What started small...

... became something really big. In 2003 the ETG began with „only“ 33 founding members. With the achievements of EtherCAT technology in terms of standardization, applicability and versatility, the ETG community also grew over the years and has long been considered the largest fieldbus user organization in the world.

On the left: Representatives of the first ETG members hold a compilation of founding member logos during the first press conference of the ETG at the then called SPS/IPC/DRIVES 2003 in Nuremberg, Germany.

ETG welcomes Norwalt Automation Group as member 8000



At the end of 2024, we reached another milestone in our membership development and now count 8000 members with the addition of U.S.-based Norwalt Automation Group.

Norwalt joins the ETG as another leading machine builder that wants to provide the numerous advantages of EtherCAT technology to its customers today and in the future. Just like the ETG itself, Kyle Seitel, Technical Operations Manager at Norwalt, is also pleased about joining: "Without EtherCAT, our new machine would not be nearly as successful: the performance and synchronization precision of EtherCAT enable the outstanding accuracy and high throughput of this system with its many axes. In this way, EtherCAT helps us meet the high expectations of our customers and continues to do so in the future."

The ETG continues to expand its position as the largest fieldbus user organization in the world. Hitting this 8000-member milestone, in combination with the approximately 80 million EtherCAT nodes in the field, once again confirms the success and market penetration of the technology.

The continuous membership growth of the EtherCAT Technology Group continues unabated more than 20 years after its foundation, with over 400 new members joining every year for the past 10 years. And although EtherCAT originated in Germany, the structure of the ETG is absolutely global: case in point, the number of Asian member companies has recently overtaken those from Europe. This means that 43% of members come from Asia, 42% from Europe, 14% from America and 1% from the rest of the world. According to the organization's guidelines, only legal entities such as companies or universities can become members of the ETG, not individuals.



ETG Board of Directors elected

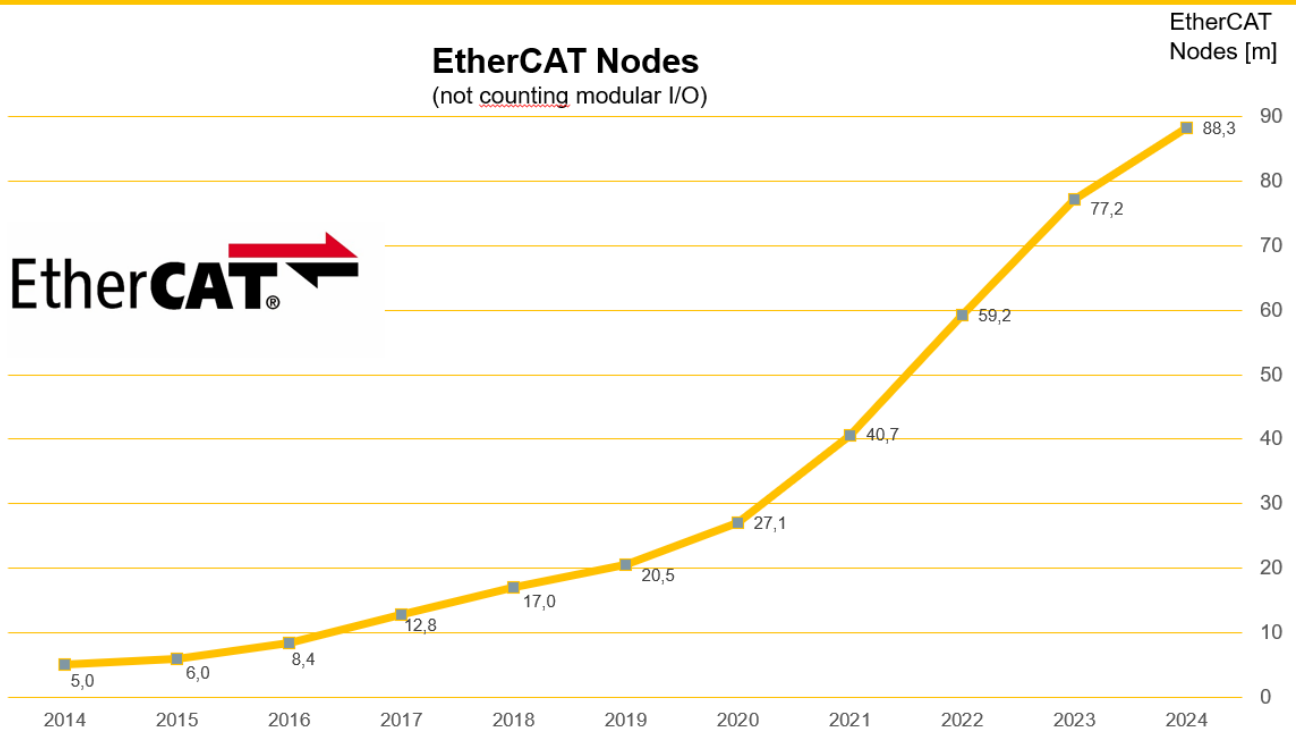
The ETG traditionally uses the first evening of the SPS trade fair in Nuremberg, Germany, as an opportunity to hold its Membership Assembly.

Every two years, the board of the EtherCAT user organization is elected as part of this event. This year, all three board members were unanimously re-elected: Dmitry Dzilno (Applied Materials), Dr. Gerhard Grundwald (DLR), and Martin Rostan (as representative of EtherCAT inventor Beckhoff Automation).

[Read full press release](#)

88 million EtherCAT nodes — growth despite difficult market conditions

EtherCAT nodes, accumulated



The EtherCAT success story continues and we are proud to report around 88 million EtherCAT nodes in the field worldwide. Another 11 million nodes were added in 2024 — an extremely pleasing result in a challenging marketing environment.

The EtherCAT node figures are very reliable as they are based on actual chip sales, which are reported by the chip manufacturers to Beckhoff Automation, the inventor of the technology. “And they have no interest in exaggerating these figures, as this would entail additional costs for them,” explains Martin Rostan, Executive Director of the EtherCAT Technology Group. With EtherCAT, the technology license is included directly in the chip, so there are no additional license fees for device manufacturers and users.

[Read full press release](#)



ETG @ HANNOVER MESSE 2025

From March 31 to April 4, we showcased over 500 EtherCAT-based products and solutions together with 53 co-exhibitors at the HANNOVER MESSE 2025.

Our visitors experienced live demonstrations, received expert insights into EtherCAT technology, and networked with key players in industrial automation. We appreciate the great interest and inspiring discussions throughout the event.

For a full overview of participating companies and exhibits, please refer to our [Product Selection Flyer](#).

ETG in the spotlight: the ETG Office Korea

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



Full force for EtherCAT in Korea: (from left) Blues Lee, Zoe Lee, Emily Moon, Jinsoo Yoo, Key Yoo, Tommy Jung, Prof. Moon

Driving EtherCAT forward

The ETG Team Korea, led by our local representative Key Yoo, is a dynamic and highly skilled group dedicated to advancing EtherCAT technology across the region. Their enthusiasm and expertise are evident in both technical support and event organization, making them a key driver of EtherCAT adoption in Korea.

From hosting top-tier seminars and workshops to providing hands-on technical guidance, the team ensures that EtherCAT users and developers receive the best possible support. Their commitment to excellence, paired with their deep understanding of the technology, has made them a trusted resource within the industry. Whether at conferences, training sessions, or behind the scenes solving complex challenges, they continuously push the boundaries of EtherCAT implementation.

With fresh energy and strong EtherCAT know-how, the young and vibrant ETG Team Korea is making a significant impact — strengthening the local community and contributing to the global success of EtherCAT.



Above: Within EtherCAT Technology Group, Team Korea is known for organizing and hosting highly successful EtherCAT events (here during the EtherCAT Roadshow in January 2025).

On the left: A well-coordinated group: members of the ETG Team Korea during the ETG Global Strategy Meeting in May 2024.

INSIDE ETG

Our Team: Jojo Fu

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

Name: Jojo Fu

Hobbies: everything new

With the team since: 2011

Tasks at ETG: Responsible for the EtherCAT marketing promotion in China — organizing and implementing EtherCAT seminars, ETG Joint Booths, training and other marketing events. Promoting and maintaining social media channels, press releases, external cooperations, media communication, etc.

Why ETG: Who doesn't want to join a professional, open, and continuously improving team?

Why EtherCAT: The openness of EtherCAT provides significant benefits to everyone using the technology.



UPCOMING EVENTS

Seminars & Technology Days

EtherCAT Technology Days | The Netherlands
May 07 - 08, 2025 - Eindhoven, Enschede

EtherCAT Seminar Series | Norway
May 19 - 23, 2025 - Molde, Ålesund, Bergen, Stavanger, Oslo

EtherCAT Roadshow | China
May, 20 + 22, 2025 - Hangzhou, Nanchang

EtherCAT CONNECT | USA
Jun 17 - 23, 2025 - Boston, Chicago, Atlanta, Denver, Houston

EtherCAT Technology Day | China
Jun 24, 2025 - Shenyang

EtherCAT Seminar Series | Mexico
Jun 24 - 26, 2025 - Guadalajara, Querétaro, Mexico City

Technical Working Group Meetings

Semiconductor TWG
May 13 - 15, 2025 | Online

What else?

Safety over EtherCAT Plug Fest | Germany
May 13 - 14, 2025 - Leinfelden-Echterdingen

ETG Member Meeting | Japan
Jun 04, 2025 - Yokohama

ETG Member Meeting | Korea
Jun 05, 2025 - Seoul

Tradeshows & Exhibitions

IAMD Shenzhen 2025: ETG Booth
Jun 04 - 06, 2025 | Shenzhen, China

Further details about the single events plus all other ETG events can be found here: www.ethercat.org/events



We appreciate your feedback!

If you have any praise, criticism or suggestions regarding our ETG News, we look forward to receiving your feedback at info@ethercat.org!

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