

Become a member in the  
POWERLINK user organization EPSG



# Shape the future



ETHERNET   
**POWERLINK**  
Standardization Group

# 1

## EPSPG – A question of the organization

The Ethernet POWERLINK Standardization Group (EPSPG) was founded in Switzerland as an independent association with a democratic structure in 2003. Its goal is the standardization, further development and proliferation of POWERLINK, which was first presented to the public in 2001. It is a patent-free, manufacturer-independent and purely software-based communication system for hard real-time that has been available as an open source solution since 2008 at no cost whatsoever.

The EPSPG's Berlin-based POWERLINK office handles public relations, coordinates the implementation of common projects and provides information for existing and prospective members.

Membership in the EPSPG is open to all companies, associations, institutions and individuals worldwide who stand by the goals of the EPSPG. The system's openness is also mirrored in the EPSPG's organizational profile. The user organization has clear-cut democratic structures and ensures a transparent decision-making process.

All members have the opportunity to join various working groups on the topics of safety, technology development, standardization and certification as well as to exert active influence on future POWERLINK and openSAFETY developments. Active participation by all members ensures a higher level of investment security for both users and manufacturers.

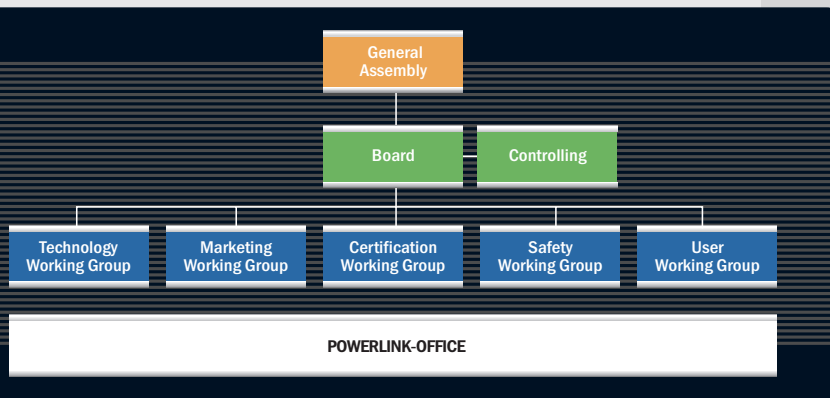
# 2

## Technology – Systematically superior



Based on the IEEE 802.3 Ethernet standard, POWERLINK is an open, high-performance real-time communication system solution that meets the hard real-time requirements of complex drive and motion systems. From the start, development has focused on highly accurate, deterministic data transmission in very fast cycles. While other Ethernet protocols are only extensions of various proprietary fieldbus systems, the groundbreaking POWERLINK technology is ahead of the rest with regard to openness, reliability and functionality. The EPSPG also cooperates closely with leading standardization bodies and associations such as CIA (CAN in Automation), IEC and ISO.

Since 2010, the EPSPG has also been offering openSAFETY – the first 100% open safety protocol in the world. Its openness doesn't just come down to the legal definition, either; the word „open“ applies in a technical sense as well. Thanks to the total independence of openSAFETY, users can take advantage of this technology for all fieldbus systems, industrial Ethernet applications or industry-specific communication solutions to easily implement products in accordance with IEC61508 SIL3, regardless of the control system manufacturer.



# 3

## Common activities – Your benefits

### Trade fairs

Nuremberg, Hanover, Parma, Paris, Shanghai...  
Take advantage of the possibility of displaying your products at EPSG exhibition booths all over the world.

### Roadshows

Take part in roadshows and establish valuable contacts in new industries.

### Website

Reach potential customers with an eye for technology by showcasing your company and products on the EPSG website.

### Publications

Contribute interesting content to EPSG publications. Your customers all over the world will be sure to approve.

### Technical reports / Press releases

Additional support will also be provided for your PR activities. We can promote your products through our close cooperation with over 100 trade magazines – an enormous benefit that will allow you to communicate.

### Newsletter

Use the EPSG newsletter as an online platform and inform the worldwide POWERLINK community about your innovations.

### Standardization and certification

Effectively prepare your products for certification using a designated tool and take advantage of the possibility to test its POWERLINK connection for conformity to relevant specifications. Certification by the EPSG ensures a uniform standard on the market. And certification of the first product group is free of charge for EPSG members.

The EPSG works to ensure the proliferation and standardization of POWERLINK technology and will support your company as you implement your POWERLINK and openSAFETY applications.

Work together with other EPSG members on technically challenging projects and inform others all over the world by taking part in shared marketing activities.

**You can also take advantage of the EPSG network for your development and sales activities as well.**



# Membership Application

please copy and mail or fax to us

## Ethernet POWERLINK Standardization Group (EPSG)

### POWERLINK-Office

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Referring to the EPSG statutes of April 1<sup>st</sup>, 2008 I (we) herewith apply for becoming an EPSG member.

Company: \_\_\_\_\_

Department: \_\_\_\_\_

Design. Rep. Name: \_\_\_\_\_

Titel: \_\_\_\_\_

Adress: \_\_\_\_\_

ZIP, City, Country: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Web-Site: \_\_\_\_\_

Industry: \_\_\_\_\_ Number of Empl.: \_\_\_\_\_

- Membership Level (tick one):
- A: Automation, component and service vendor > 300 Employees (€5000)
  - B: Automation, component and service vendor ≤ 300 Employees (€2000)
  - C: OEMs, end users (€1.000)
  - D: University, private person (€500)

Membership start date: \_\_\_\_\_ (DD-MM-YYYY)

EPSG Membership and membership fees are valid for one calendar year. Membership candidates applying after the 30 June will be invoiced for half of the annual fees for that year. The membership will be extended automatically for another calendar year if not cancelled in writing before Nov. 1st of the ending membership year.

By having an authorized representative sign and seal below, applicant agrees and represents that he/she has read the EPSG statutes and agrees with the terms of membership:

Date: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Titel: \_\_\_\_\_