

CC-Link **IE TSN**



The CC-Link Partner Association

OPEN INDUSTRIAL ETHERNET TECHNOLOGY LEADERSHIP



**CC-LINK IE TSN:
ONE NETWORK. ONE SOLUTION.**

Join the industrial Ethernet technology leader



Manufacturing is changing more than ever before, being driven by the tidal wave of data that is the result of digitalisation. Data has become the new fuel that drives factories. For industries to be successful today and in the future, they need a partner who can offer technologies that allow data to flow from all parts of the enterprise to everything and everyone who needs it.

That's where the CC-Link Partner Association steps in. We are an established, global organisation with a track record of getting data to where it's needed in the most innovative ways. We have done this with a range of industry leading, open technologies supported by hundreds of partner companies worldwide. This has resulted in thousands of product choices and a global installed base in the tens of millions.

Read on to learn who we are and how you can become involved with us.

One Network. One Solution.



Benefits of working with the CLPA a glance:

World leading open industrial Ethernet technology

Highest performance available

Used in industries worldwide

Product development support and certification

Global promotional opportunities

Worldwide standard and market reach

Who is the CC-Link Partner Association?

We were established in 2000 to develop and promote the CC-Link family of open industrial automation network technologies. Since then, we have grown into a global organisation with a track record of innovation.

A pedigree of innovation

We were the first to introduce open industrial Ethernet technology with gigabit bandwidth in 2007. We were the first to combine gigabit bandwidth with Time-Sensitive Networking in 2018. We will continue this record of innovation as we move into the future.



For an in-depth overview of our background, please visit
<https://www.youtube.com/watch?v=j-RPOC7ZOtU>



What makes us unique?

We began with what is now one of the world's most widely used fieldbus technologies, CC-Link, and then became recognised as an innovator in industrial Ethernet. Today, our offering is based on CC-Link IE TSN, the world's first and so far only open industrial Ethernet technology that combines gigabit bandwidth with Time-Sensitive Networking. For companies looking to offer industrial automation devices that lead the industry while supporting the digitalisation trend, CC-Link IE TSN is the industrial Ethernet of choice.

So far, several hundred vendors have joined the CLPA to include it in their products for these reasons:

Support the trend of using TSN to offer products compatible with converged network technology.

Keep up with the tidal wave of data with either gigabit or 100Mbit bandwidth.

Possible to create products by software development alone.

Leverage a wide variety of development platform choices from industry standard vendors.

Global conformance test capability.

Get your products ready for the future of manufacturing by incorporating this unique technology into your development roadmap.

For less demanding applications, we also offer CC-Link IE Field Basic. This suits the needs of low cost applications where a higher degree of functionality is less important. Development is by software stacks.

Our organisation

The CLPA has broad industry support. This is reflected in our board members who include some of the world's leading technology companies as shown here:



What do we offer?

If you're interested in joining the several hundred manufacturers who have already joined the CLPA and developed thousands of compatible products, we have multiple benefits to offer.

Registered membership

Adding a new technology to your products is something that needs careful thought and investigation. Joining the CC-Link Partner Association (CLPA) as a Registered partner allows you to begin the process with no risk. Registered membership is free of charge, carries no obligations, yet opens up the world of CLPA open automation network possibilities. What if you are only planning to use CLPA technology or just want to find out more? Becoming a Registered partner is right for you too.

Full access to technical specifications

Foundation for further activity & higher level membership

Official membership certification and access to CLPA partner website



The CLPA is an industry leader in TSN technology. Download the latest white papers: Delivering TSN's benefits to manufacturing, Getting your TSN product to market and Time-Sensitive Networking (TSN) - The Case for Action Now at eu.cc-link.org



Regular membership

For those companies planning compatible product development, regular membership is the right choice. This gives you the right to use our technology in your products and in return provides a series of promotional benefits.

Global strategic editorial partnerships with leading industry journals

Worldwide network of multilingual websites with online product catalogue

Extensive YouTube channel in multiple languages spotlights Regular members

Thought leadership white papers

Regular exhibitions at global fairs, showcasing products developed with our Regular partners.

Presentations at industry events

Access to CLPA partner database

Promotional videos featuring partners and their products

Exposure through our social media channels, including YouTube, X, and LinkedIn



Promoting partner innovations

The CLPA actively promotes its partners and their technologies through engaging, high quality YouTube videos. These videos highlight the innovative solutions developed by our Regular members, showcasing their products in action and explaining the benefits of CC-Link technologies. By featuring partner companies in these videos, CLPA provides valuable exposure to a global audience, enhancing visibility and demonstrating the real-world applications of their cutting-edge industrial automation solutions.



For an in-depth list of the hundreds of partners and their products please visit **eu.cc-link.org**



Some of the many well known vendors offering products compatible with CLPA technologies:

3M	HMS	Panduit
ABB	Idec	Pepperl+Fuchs
Advantech	igus	Phoenix Contact
Balluff	Industrial Software	Pilz
Beckhoff Automation	Keyence	Pneumax
Belden	Kistler Instrumente	port
Bihl+Wiedemann	Lapp	Renesas
Bizlink	Laumas	Schaeffler
Bürkert	Lika	Schneider Electric
Cisco	Lumberg	SICK
Cognex	Lutze	SMC
Conductix-Wampfler	Metal Work	TEAC
Emerson	Mettler-Toledo	Teledyne DALSA
FANUC	Mitsubishi Electric	Toshiba
Festo	Molex	VAT
Fuji Electric	Movensys	Wago
Harting	NSD	Weidmüller
Helukabel	Omron	Yamaha
Hilscher	OptexFA	Yaskawa
Hirschmann	Oriental Motor	Yokogawa
	Panasonic	

Please note that this list is only intended to provide an overview of the companies working with CLPA. For specific details about these companies, please refer to our online product catalogue at <https://www.cc-link.org/sch/C012>. Information subject to change without notice.