

## **The CLPA debuts at the Hannover Messe with CC-Link IE TSN**

**The CC-Link Partner Association (CLPA) will make its debut at the Hannover Messe 2019 (Hall 9, Stand G23), taking place from 1st-5th April. This is a continuation of the push to promote CC-Link IE TSN, first introduced at SPS/IPC/Drives 2018, to the European market. CC-Link IE TSN is the first open industrial Ethernet to combine Time Sensitive Networking (TSN) with gigabit Ethernet to deliver a future proof network for Industry 4.0 applications.**

The CLPA's debut at Hannover Messe 2019 also recognises the association's strong international growth, which has averaged double digits over the last several years. This has led to a global installed base of around 24 million devices. CC-Link IE TSN will help to continue this robust growth as industry increasingly adopts Industry 4.0 approaches to manufacturing.

CC-Link IE TSN will be the highlight of CLPA's booth, as it provides a key solution for the factories of the future. It offers a high performance ability to handle both time critical deterministic traffic and other data such as less sensitive TCP/IP information on the same network. This is achieved by combining Gigabit bandwidth, first introduced with CC-Link IE, and TSN capabilities, as defined by the IEEE 802.1 standards.

The resulting open industrial communications network is not only fast, reliable and scalable, but it also ensures interoperability among devices from different vendors.

The benefits of CC-Link IE TSN will be illustrated at the fair by the first fully operational products from Hirschmann and Mitsubishi Electric, along with an overview of the third party development support ecosystem.

John Browett, General Manager of CLPA Europe, commented: "Having our first stand at the Hannover Messe to highlight CC-Link IE TSN marks the next step in our commitment to offer advanced industrial communications technologies for futureproof applications. Our family of networks is growing in acceptance and popularity worldwide, due to its openness, interoperability and Gigabit bandwidth.

"CC-Link IE TSN further emphasises how the CLPA is leading the way on offering the highest productivity and most flexible networking architectures to manufacturing industries. We believe that we have a market leading position in this regard and we encourage visitors to the fair to spend some time with us in Hall 9 to see what benefits CC-link IE TSN can deliver to their operations."

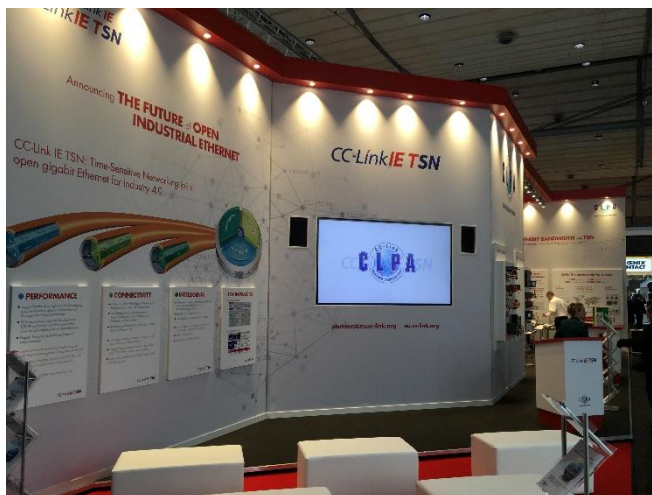
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**Image captions:**

**Image 1:** CC-Link IE TSN is the first open industrial Ethernet to combine Time Sensitive Networking (TSN) with gigabit Ethernet to deliver a future proof network for Industry 4.0 applications.



**Image 2:** CC-Link IE TSN will be the highlight of CLPA's booth at Hannover Messe 2019, as it provides a key solution for the factories of the future.



**Keywords:** CC-Link Partner Association, CC-Link IE TSN, Hannover Messe 2019, HM 2019, industry fair, event news, industrial intelligence, industrial automation, time sensitive networking, TSN, Industry 4.0, industrial communications.



## **About The CC-Link Partner Association (CLPA)**

The CLPA is an international organisation founded in 2000 dedicated to the technical development and promotion of the CC-Link family of open automation networks. The CLPA's key technology is CC-Link IE TSN, the world's first open industrial Ethernet to combine gigabit bandwidth with Time Sensitive Networking (TSN), making it an ideal solution for Industry 4.0 applications. Currently the CLPA has over 3,400 member companies worldwide, with more than 1,800 certified products available from over 300 manufacturers.

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