



**Subject: CC-Link Partner Association (CLPA) underlines CC-Link IE's technology leadership at SPS Italia 2018**

**Keywords:** CC-Link, CC-Link IE, CC-Link Partner Association, CC-Link IE Field Basic, CC-Link IEFB, open gigabit Ethernet, PROFINET, OPC UA, SPS Italia 2018, Industry 4.0

Byline: John Wozniak, P.E., CLPA-Americas Manager  
Vernon Hills, IL United States; April 18, 2018

Photographs download as 300dpi Jpeg files, click on an image to go to download page



**CC-Link Partner Association (CLPA) underlines CC-Link IE's technology leadership at SPS Italia 2018**

At SPS Italia 2018, the CC-Link Partner Association (CLPA) will be underlining the technology leadership position of the only open gigabit Ethernet, CC-Link IE, with a host of new developments. These include the first 'coupler' device between CC-Link IE and PROFINET, third party support for CC-Link IE Field Basic (IEFB), and a companion specification for OPC UA. SPS Italia 2018 takes place from the 22nd - 24th May 2018 in Parma, Italy. Visitors will be able to link up with the CLPA in Hall 6, stand F012.

The coupler between CC-Link IE and PROFINET provides a simple bridge between the two networks that will dramatically reduce the engineering work to achieve integration across different network architectures. Developed by CLPA partner Hilscher, it will make it easier for companies to source best-of-breed machinery from different suppliers in different regions of the world, with assured ease of integration. The coupler is the result of two years' of work by the CLPA, PROFIBUS & PROFINET International (PI) and their partners, to deliver seamless interoperability between the two networks.

CLPA will also show the first third party development support from Hilscher and Texas Instruments for CC-Link IE Field Basic (IEFB). IEFB is an extension to CC-Link IE that enables vendors to easily add

CC-Link IE compatibility to 100Mbit Ethernet devices. Easily implemented by software alone, it significantly reduces the cost of development and time to market.

Moreover, as a result of the cooperation between the CLPA and the OPC Foundation, visitors to the booth will also be able to learn about the new "CSP+ for Machine" concept. This allows entire machines to be handled like they were a single device significantly simplifying line configuration and maintenance. CSP+ for Machine also incorporates an OPC UA companion specification, to make it easier than ever before to extract the necessary information from process equipment, thus delivering the necessary transparency required for Industry 4.0 applications.

Finally, the booth will also feature a comprehensive display of different industry solutions, which feature a wide variety of compatible products from some of the 300 different companies that support CC-Link IE and CC-Link.

### ■ **CC-Link Partner Association**

Founded in 2000, the CC-Link Partner Association (CLPA) is an international open network organization 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, the world's first and only open gigabit Ethernet for automation and an ideal solution for Industry 4.0 applications due to its unmatched bandwidth. Its main activities include the development of CC-Link IE and CC-Link technical specifications, conducting of conformance tests, development support, and promotion of the CC-Link technologies. The CLPA boasts more than 3,300 members. CC-Link is the leading open industrial automation network technology in Asia and is becoming increasingly popular in the Americas and Europe.

### ■ **Captions**

**Image 1:** The CC-Link Partner Association (CLPA) is an international organization founded in 2000 dedicated to the technical development and promotion of the CC-Link family of open automation networks.

**Image 2:** CC-Link IE Field Basic (IEFB) is an extension to CC-Link IE that enables vendors to easily add CC-Link IE compatibility to any product with a 100Mbit Ethernet port.

The image(s) distributed with this press release may only be used to accompany this copy, and are subject to copyright.

#### Contact for inquiries

CC-Link Partner Association-Americas  
John Wozniak, P.E.  
500 Corporate Woods Parkway  
Vernon Hills, IL 60061



(847) 478-2647

[info@CCLinkAmerica.org](mailto:info@CCLinkAmerica.org)

<http://am.cc-link.org/en/index.html>