



CC-Link Partner Association (CLPA)



Subject: Factory networks take a big step forward at SPS 2018

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Factory networks take a big step forward at SPS 2018



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A group of leading technology companies from the CC-Link Partner Association (CLPA) will be announcing a significant step toward the future of open industrial Ethernet at SPS IPC Drives 2018.

Prominent members of the CLPA including Analog Devices, Balluff, CKD, FESTO, Hilscher, Hirschmann, HMS, Mitsubishi Electric, Molex, Renesas and Security Matters will together be announcing a significant new Ethernet technology that the group predicts will fundamentally change the landscape for Industrial Ethernet.

Already offering the open network technology with the highest bandwidth at 1Gbps, the CLPA will take another significant step forward with the new developments being outlined at the event.

John Wozniak, Manager of the CLPA in the Americas, comments: “The implementation of Industry 4.0 (IIoT) concepts is occurring faster than most experts have predicted. The IIoT and ‘smart factories’ now have many real-world applications, and these trends rely on efficient high-bandwidth networking solutions. The amount of data generated by these manufacturing processes is expected to undergo an “explosion” of exponential growth. Hence networks that address this trend towards “big data” are vital. Moreover, these networks need to be connected seamlessly to company IT systems and the internet.

“A high bandwidth, open network technology such as gigabit Ethernet CC-Link IE has provided a significant tool to help end users and system integrators move forward, but our latest development involves fulfilling further aims expressed by many of our partners and the market in general. It is safe to say that we are anticipating a positive reaction to the announcement about the future of open industrial Ethernet at SPS IPC Drives 2018.”

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■ **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 3,400 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: Prominent members of the CLPA including Analog Devices, Balluff, CKD, FESTO, Hilscher, Hirschmann, HMS, Mitsubishi Electric, Molex, Renesas and Security Matters will together be announcing a significant new Ethernet technology.

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