

Mitsubishi Electric highlights CC-Link IE as the perfect network choice for Industry 4.0

As businesses make progress on their journey towards Industry 4.0, it is a necessity to be able to share large volumes of data across growing numbers of devices, in real time. This can only be done if there is sufficient network bandwidth available.

So says Mitsubishi Electric product manager André Hartkopf, explaining that CC-Link IE, with its gigabit performance, is the perfect network choice for Industry 4.0. “CC-Link IE is an open, high speed, high performance industrial Ethernet-based network, with the broadest bandwidth available at 1 gigabit per second.

“CC-Link IE can also be a key enabler for boosting productivity, with the high performance and broad bandwidth combining to increase overall system performance,” he continues.

Because of this, Mitsubishi Electric supports CC-Link IE across its full range of products, including PLCs, HMIs, Robots, Servo motion systems and variable speed drives.

Independent market research has identified CC-Link IE as experiencing rapid growth, with close to 20 million devices deployed in the field and growing numbers of products coming to market each year.

“One of the benefits of working with the CC-Link Partner Association (CLPA) is that they cooperate with us on compliance and conformance testing of our CC-Link IE products,” says Hartkopf. “This ensures that our products for CC-Link IE networks will work smoothly with those from other manufacturers. Moreover, we benefit from the global promotional capabilities that CLPA offers to their members. In this way, we get in touch with a wide variety of different customers and industries.”

The guaranteed compatibility makes CC-Link IE a proposition for users looking to source and integrate best-of-breed solutions for any given application.

Image 1:



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Keywords: Mitsubishi Electric, CC-Link, CC-Link IE, PLCs, HMIs, Robots, Servo motion systems, variable speed drives, Industry 4.0, 1 gigabit per second

About Mitsubishi Electric

With over 95 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognised world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, as well as in products for the energy sector, transportation and building equipment.

With around 138,700 employees the company recorded consolidated group sales of Yen 4,238.6 billion (\$ 37.8 billion*) in the fiscal year that ended on March 31, 2017.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Factory Automation – European Business Group

Mitsubishi Electric Europe B.V., Factory Automation - European Business Group (FA-EBG) has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of FA-EBG is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

*Exchange rate 112 Yen = 1 US Dollars, last updated 31.03.2017 (Source: Tokyo Foreign Exchange Market)

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About the CC-Link Partner Association (CLPA)

The CC-Link Partner Association (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, 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. Currently the CLPA has over 3,000 member companies worldwide, with more than 1,700 certified products available from over 300 manufacturers. CC-Link is the leading open industrial automation network technology in Asia and is becoming increasingly popular in Europe and the Americas.

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