New white paper reveals how to develop devices that leverage TSN benefits

The CC-Link Partner Association (CLPA) has published a free white paper on the development ecosystem for Time-Sensitive Networking (TSN) compatible automation devices at https://eu.cc-link.org/en/campaign/2021/tsnwp. Created for automation vendors, "Getting your TSN product to market" provides a practical insight on how to implement the technology and the importance of conformance testing for TSN products.

The role of TSN in the Connected Industries of the future is now well-accepted in the market, with end users looking for vendors who can provide a broad range of TSN-compatible products. In order to upgrade their existing automation devices to provide key TSN capabilities, automation vendors need to be able to identify the development options that best fit their existing engineering methods.

The new white paper, helps automation vendors navigate the development ecosystem options. It does so by detailing the software and hardware methods available, their characteristics and how they can help vendors deliver state-of-the-art components. Moreover, it discusses how to integrate TSN-compatible functions in existing devices. It therefore acts as an entry point for vendors to get onboard with CC-Link IE TSN, the first and only open industrial gigabit Ethernet with TSN functions.

In addition, the white paper raises awareness of the importance of independent third-party conformance testing to validate end product performance, particularly its ability to demonstrate to end users that the devices will operate as expected when combined with compatible products from other vendors. To this end, the document explains the CLPA's process for certifying CC-Link IE TSN automation devices.

John Browett, General Manager of CLPA Europe, comments: "The market is demanding TSN-compatible products that can enhance productivity and competitiveness. Automation device vendors need to act now to enable futureproof industrial communications and next-level performance by delivering new products or upgrading their existing solutions. This white paper aims to give a detailed overview on how to succeed in this task. We invite device vendors to take advantage of our complementary download to kickstart the development of innovative TSN automation products."

To download a free copy of the CLPA's white paper "Getting your TSN product to market", please scan the barcode below:

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CLPA376　TSN Development WP Announcement

About The CC-Link Partner Association (CLPA)

The CLPA is an international organisation founded in 2000, now celebrating its 20th Anniversary. Over the last 20 years, the CLPA has been 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 the leading solution for Industry 4.0 applications. Currently the CLPA has almost 3,800 member companies worldwide, and more than 2,000 compatible products available from over 340 manufacturers. Around 30 million devices using CLPA technology are in use worldwide.

Further Information:
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