

Call for Experts

Time based IO-Link

IO-Link with a typical cycle time of 1-2 ms today limits its use in highly precise time-synchronous applications such as in fast processing machines.

An expansion of IO-Link to include synchronized clocks and time stamps enables the automation of fast machines or the analysis of time-based data sets e.g. in the area of vibration analysis. The accuracy, which is limited by the cycle time, should be expanded by synchronous time information in order to process sensor data precisely and to control actuators with high precision.

A time-based extension should be defined as a communication profile within the IO-Link domain by the IO-Link community.

Project title: „Time based IO-Link“

We are looking for experts from device, system and software manufacturers who would like to contribute actively to this communication profile work with their experience and requirements. All interested member companies are invited to participate in the project group.

If you are interested in this working group please register

until July 22nd, 2024

via e-mail to frank.moritz@sick.de

Questions on the project group and possible attendance please address directly to the project group leader frank.moritz@sick.de

IO-Link Community
c/o PROFIBUS Nutzerorganisation e.V.
Ohiostraße 8
76149 Karlsruhe / Germany
info@io-link.com