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A POWERLINK master solution for CODESYS will be unveiled at the SPS IPC Drives.

BE.services will be showing how easy it is to integrate POWERLINK in the IEC-61131 development environment at the EPSG booth and also at the 3S-Smart Software Solutions booth. Another highlight at the EPSG booth (Booth 410 in Hall 2) will be an openSAFETY light curtain from Datalogic. This solution makes it possible to achieve significant savings with safety applications.



The EPSG will be presenting a wide range of innovations at the SPS IPC Drives show.

A large number of control system manufacturers use CODESYS as the development environment for their controllers. Machine manufacturers can now benefit from the advantages of the real-time POWERLINK network when programming their applications using CODESYS. "We have been pushing for the integration of POWERLINK in CODESYS because we see a demand for this combination globally," says Dimitri Philippe, managing director of BE.services.

Easy access

Easy access is absolutely necessary to ensure that the technology gains acceptance quickly. That's why the CODESYS IEC 61131 development environment and the POWERLINK plug-in are available for free from the CODESYS online store. The communication stack for POWERLINK is also available for free.

POWERLINK is an open protocol and the communication stack can be downloaded from the SourceForge open source platform free of charge. BE.Services offers run-time system integration for CODESYS.

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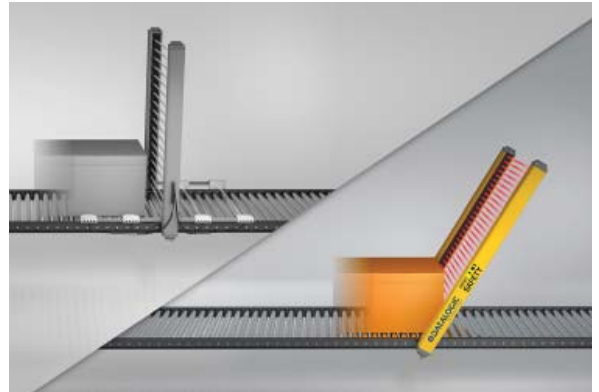
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At the SPS IPC Drives, Datalogic will be presenting an openSAFETY light curtain that is connected directly to the real-time POWERLINK network. This solution makes it possible to achieve significant savings with safety applications.

Intelligent light curtains equipped with an openSAFETY interface eliminate the hardwiring required for conventional solutions.



An openSAFETY light curtain mounted at an angle eliminates the need for additional sensors and safe I/O modules. The light curtain is connected directly to the industrial Ethernet network.

Single-beam evaluation

An additional advantage of network-integrated light curtains is the ability to evaluate each beam individually. This makes it possible to implement intelligent muting, for example, doing away with the sensors that were necessary for previous muting solutions.

Easy configuration and diagnostics

With a solution using openSAFETY light curtains, safety functions such as muting and blanking are easily programmed right in the automation software development environment. The amount of work needed for commissioning is reduced considerably – especially for equipment produced in series. Diagnostics have also been simplified, with information available in plain text instead of having to be decrypted from blinking LEDs.

openSAFETY implemented by Datalogic

“openSAFETY light curtains allow us to offer our mutual customers a whole new realm of safety solutions,” stresses Paolo Zanetta, product manager for safety at Datalogic. “The customer enjoys maximum conceptual design freedom and even saves money compared to applications with simple binary data structures.”

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