

PRESS RELEASE

Free space for ideas and solutions

SICK AppSpace – a flexible solution concept for software and hardware

Waldkirch/Stuttgart, November 2016 – With SICK AppSpace, the company is presenting an open platform for programmable sensors from SICK. The SICK AppSpace eco-system offers system integrators and original equipment manufacturers (OEM) the freedom and flexibility to develop their application software directly on the programmable SICK sensors to fit their specific tasks. This makes it possible to implement tailor-made solutions for individual customer needs.

SICK AppSpace unifies software and hardware and consists of two elements: the programmable SICK sensors and SICK AppStudio, a development system for applications. The flexible architecture and the programmable devices make it possible to generate data for cloud services in the context of Industry 4.0. The software sits in the sensor and can transmit information directly from it. Users are thereby optimally supported in the areas of quality control, traceability and proactive maintenance.

SICK AppStudio – for developers by developers

SICK AppStudio is used for developing customer-specific applications on programmable SICK devices. In addition to programming options and services, it also offers access to the SICK software toolbox and established image processing libraries such as HALCON. Thanks to Lua scripting with many integrated development supports such as auto completion, the app development for the programmable sensors will insert itself easily into existing development processes. The SensorApp developed in this way will then be rolled out on various programmable SICK sensors and can therefore be used on several SICK sensors.

The user interface for machine operators can be created individually as a web GUI (Graphical User Interface) using the graphical ViewBuilder. All software components are combined by the PackageBuilder into a single package that safely defines access rights. Sensor apps can be quickly created and integrated thanks to countless example programs.

SICK AppSpace Community

The SICK AppSpace Developers Club makes it possible for members to take advantage of special offers for demo kits and lab equipment. In addition, it authorizes members to participate in the annual SICK AppSpace Developers Conference. In addition to interesting talks, product demos and trainings, it offers the opportunity for exchange of experiences and networking with other members of the SICK AppSpace Community. The members themselves determine the further development of the SICK AppSpace eco-system.

Image: SICK_AppSpace.jpg

SICK AppSpace, consisting of SICK AppStudio and the programmable SICK sensors, offers full flexibility in the development of tailor-made solutions.

SICK is one of the world's leading producers of sensors and sensor solutions for industrial applications. Founded in 1946 by Dr.-Ing. h. c. Erwin Sick, the company with headquarters in Waldkirch/Germany ranks among the technological market leaders. With more than 50 subsidiaries and equity investments as well as numerous agencies, SICK maintains a presence all around the globe. In the fiscal year 2015, SICK had more than 7,400 employees worldwide and achieved Group sales of just under EUR 1.3 billion. Additional information about SICK is available on the Internet at <http://www.sick.com> or by phone on +49 7681 202-4183.