# Intelligent safeguarding for entry/exit applications

Safe Portal Solutions from SICK

Waldkirch, November 2017 – Safe Portal Solutions from SICK are especially adapted for the efficient, flexible and standard-compliant safeguarding of material transfer stations. Access is protected by two vertically aligned safety laser scanners with intelligent monitoring-case switching. Objects with predefined contours can pass through without interruption. This enables flexible production processes and optimizes productivity.

Safe Portal Solutions include the appropriate engineering in addition to all the technical safety equipment. It is precisely here that SICK’s strategy of more consistently thinking in terms of ‘solutions’ makes an impact – by considering the concrete challenges of an entire application holistically. This means that SICK is not merely a product supplier, but a complete supplier for customized safety solutions – with safety services as an integral constituent.

SICK’s safety experts carry out the complete process – from analysis, through planning, to standard-compliant implementation – routinely and promptly. The retrofitting of existing plant can thus take place without tying up one’s own resources.

**Protecting material transfer stations**

Automated Guided Vehicles (AGVs) regularly pass access points, so-called portals. In automotive production, for example, during automated material transfer to or from the production line. Particular production sections have certain hazards and pose a high risk of accidents. Access to these portals must be protected.

The access safeguarding provided by Safe Portal Solutions basically consists of two vertically installed S3000 safety laser scanners from SICK. With the help of several simultaneously active protective fields, intelligent access safeguarding can dependably differentiate between human and machine. An approaching AGV can simply pass through the portal regardless of its load status. Unauthorized persons who attempt to enter the hazardous area are, however, reliably detected.

In addition to individual application consulting, the services provided by SICK Safety Solutions also include risk and hazard assessments of the particular plant/machinery; the creation of a safety concept; and the installation, commissioning and validation of the safety system on site by safety experts from SICK. This saves time and money, and ensures safety at all levels.

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Material transfer stations are protected by Safe Portal Solutions from SICK.

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 2016, SICK had more than 8,000 employees worldwide and achieved Group sales of just under EUR 1.4 billion.  
Additional information about SICK is available on the Internet at http://www.sick.com or by phone on +49 7681 202-4183.