



safetyIQ: THE NEW DIMENSIONS OF SAFETY

DISCOVER INTELLIGENT PROTECTION FOR MORE PRODUCTIVITY

Forward-thinking safety products, systems and services

SICK
Sensor Intelligence.

safetyIQ: INCREASING PRODUCTIVITY AND STAYING SAFE

The automation engineering requirements of tomorrow require a different kind of safety. With safetyIQ, SICK has combined intelligence and quality in one innovative approach that unlocks new dimensions in safety, efficiency and productivity.

Easier, more flexible, smarter: New dimensions for your future-proof production operations

Intelligent safety solutions that protect people, prevent accidents and boost productivity – all made possible by safetyIQ from SICK. safetyIQ combines SICK’s expertise with the intelligence and quality of our products in a single approach focused on the safety technology and economic requirements of the future. With standard products, system solutions and services that enable ideal collaboration between humans and machines and allow systems to operate autonomously. Safe and efficient. For every need, across the entire globe.

On the safe side in every situation with SICK

For more than 65 years, safety solutions from SICK have offered people valuable protection. As one of the world’s technology and market leaders for intelligent sensors in industrial automation, we possess extensive knowledge for equipping machines and plants in a wide range of different industries. This expertise serves as our basis for creating innovative custom safety systems and concepts that meet tomorrow’s requirements today while providing our customers with sustainable competitive advantages.



With safetyIQ, SICK has unlocked new dimensions in functional safety. This integrated approach draws on all areas of SICK’s expertise to help companies from a host of different industries efficiently achieve demanding safety and productivity goals.



safetyIQ from SICK is the total package that includes serial products, systems and services. The most important goal – protecting people – is always the main focus.

Got a safety need?

We’ll help you find the right solution.

The **Safety Solution Assistant** from SICK provides you with a step-by-step guide to finding product recommendations for safety sensors and control units.

Try it out at

www.sick.com/safetyiq/ssa





safetyIQ from SICK is a range of smart products, system solutions and global services that enable highly flexible production processes, e.g., ideal for human-robot collaboration and autonomous vehicle movements.

safetyIQ: Your benefits

New opportunities for improved productivity and flexibility

Boost the productivity of your systems with new intelligent technologies that increase machine efficiency without sacrificing safety. For example, diagnostics functions with fieldbus integration (provided through the Flexi Soft safety controller) make preventative maintenance easier and help avoid unplanned downtimes.

Reliable safety with fewer resources at all levels

With SICK safety services, our experts can help you boost the productivity of your machines and systems while freeing up resources. From system planning and commissioning to retrofitting and modernization, we support you with consultation and service offerings, plus seminars and training sessions, over the entire life cycle of your machine.

Greater innovation potential with relevant data

SICK solutions feature intelligent functionality to ensure that data processing is adaptive and application-specific. This translates into high availability in applications and provides innovative added value for existing and new business models.

Regulation-compliant, functional machine safety across the globe

SICK is represented in numerous national and international standards bodies and can help ensure that the design and application of your machines and systems take place with the necessary legal certainty. With our network of 150 safety experts in over 80 countries, we possess in-depth knowledge of regional conditions and are able to provide prompt comprehensive consultations on location.

→ www.sick.com/safetyiq

safetyIQ: TAILORED SOLUTIONS FOR YOUR APPLICATIONS

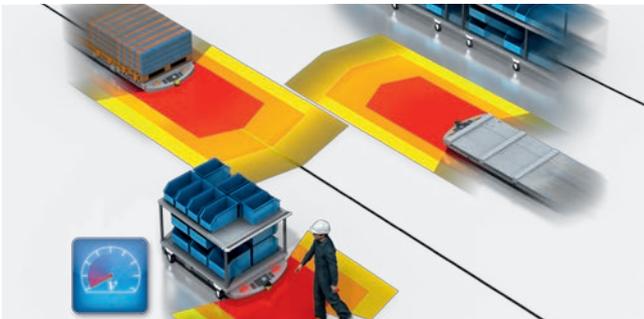
Special applications require special solutions. As part of its safetyIQ program, SICK works with companies from a wide range of different industries to develop future-oriented safety concepts that meet the emerging new demands for functional safety in automated environments. For maximum production flexibility.



Flexible protection for automated material transfer



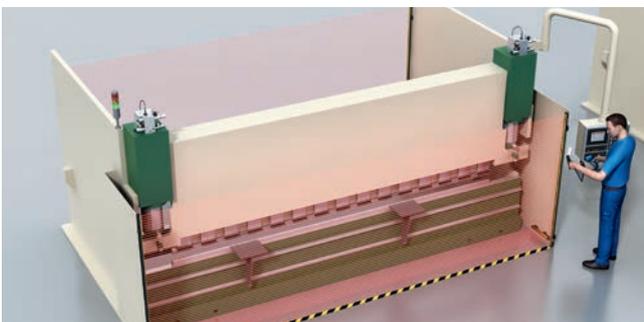
Safe networking of safety controllers with no addressing



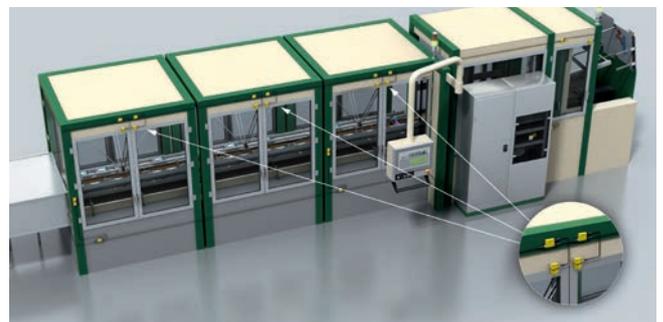
Efficient protection of self-driving vehicles



Safe human-robot collaboration



Complete press protection with better efficiency



Safe sensor cascade for door protection with convenient diagnostics

safetyIQ: INNOVATIVE SOLUTIONS AND SUPERIOR COMPETENCE

Innovative solutions and superior machine safety competence:
 With safetyIQ, SICK is your partner for functional safety, available across the globe whenever you need us.



Flexibility and productivity in modular mechanical engineering

As flexibility increases, so does complexity. Meeting machine safety requirements is a much more challenging task wherever different machine modules are combined. As a forward-thinking global approach to safety, safetyIQ gives you all the help you need to safely implement modular machine concepts.

A safe machine in six steps

For those in charge of machine safety, SICK offers a guide to the legal requirements related to machinery in the European Community and their implementation. This practical reference guide contains information on the following topics:

Safety-relevant European guidelines, directives and standards, including implementation

Selection and use of protective devices

Examples of how to protect machines and persons against accidents

Examples of applying the EN ISO 13849-1 and EN 62061 standards to determine the PL or SIL

Calculation of minimum distances between protective devices and hazardous points

The guide is available for download in a number of different languages at www.sick.com/safetyIQ/six-steps.



SICK AT A GLANCE

SICK is a leading manufacturer of intelligent sensors and sensor solutions for industrial applications. With more than 8,000 employees and over 50 subsidiaries and equity investments as well as numerous agencies worldwide, we are always close to our customers. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in various industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services round out our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

Worldwide presence:

Australia, Austria, Belgium, Brazil, Canada, Chile, China, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Hong Kong, India, Israel, Italy, Japan, Malaysia, Mexico, Netherlands, New Zealand, Norway, Poland, Romania, Russia, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Arab Emirates, USA, Vietnam.

Detailed addresses and further locations → www.sick.com