



WE ARE SICK
COMPANY PROFILE

sick

SICK
Sensor Intelligence.





The Executive Board at the SICK distribution center: Dr. Mats Gökstorp, Dr. Martin Krämer, Dr. Robert Bauer (Chairman of the Executive Board), Reinhard Bösl, Markus Vatter (from left to right).

WE ARE SENSOR INTELLIGENCE.

As a leading international manufacturer of intelligent sensors and system solutions for industrial applications, we are on hand whenever safety, precision, and efficiency are of critical importance.

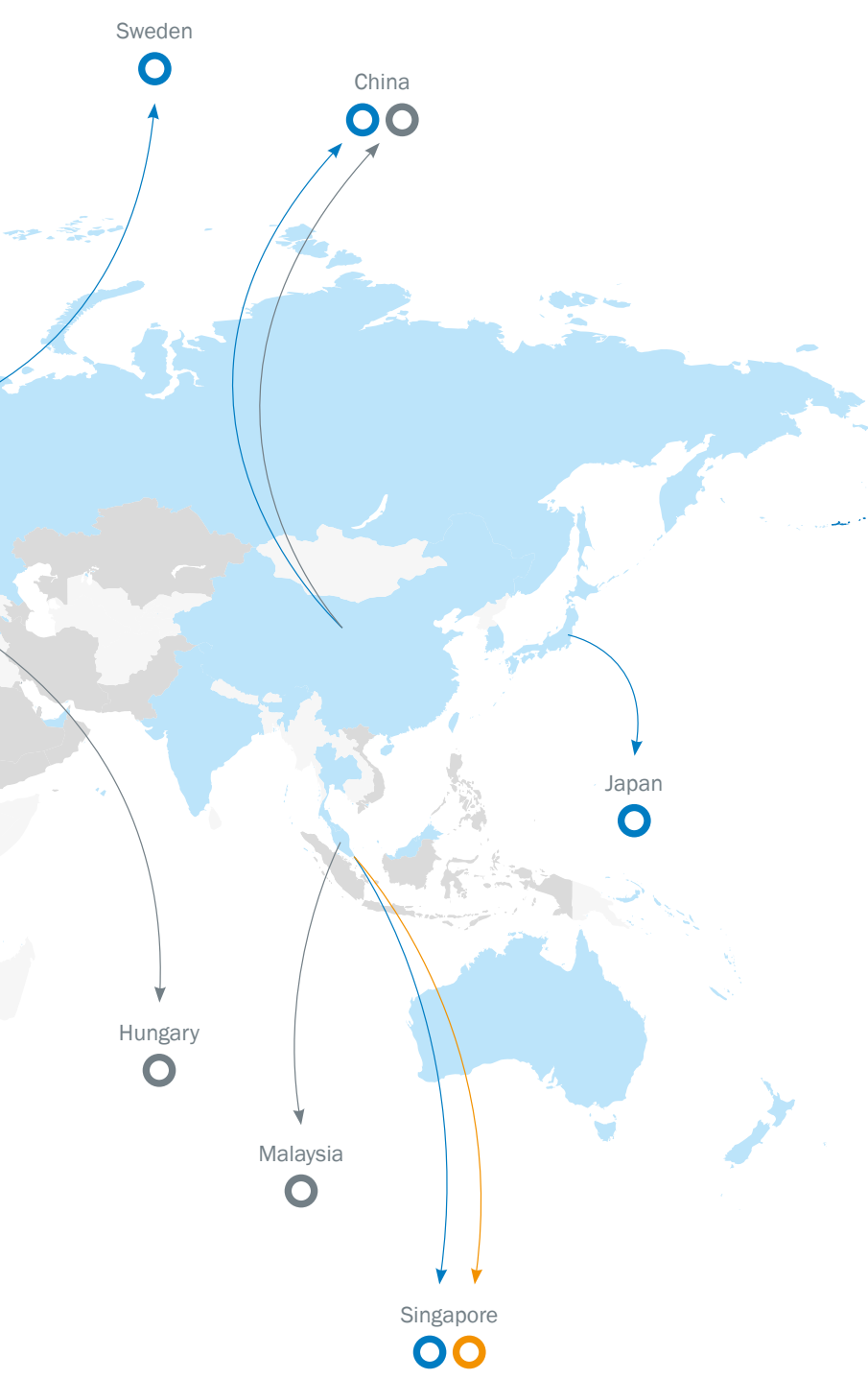
Our slogan “Sensor Intelligence.” serves as a guidepost for the future of Industry 4.0. We support our customers from start to finish – from the initial idea and the prototype to the serial product, from commissioning to LifeTime Services. Our intelligent solutions control, secure, and optimize systems and processes, laying the foundation for sustainable production with technologies that are in keeping with the latest trends.

To do this, we carry out research, development, and production work at our locations across the globe.

Global orientation	6
Our values	8
History	10
Business fields	12
Industry 4.0 and industrial automation	14
Products	16
Service	18
Research and development	20
People at SICK	22
Sustainability	24

WE ARE EVERYWHERE





8,800
employees



40,000
product solutions



1,543
million euros in orders received



1,512
million euros in sales



148.8
million euros in EBIT



169.4
million euros invested in research and development

WE ARE INDEPENDENT LEADERS INNOVATIVE



Independence

Our independence is what allows us to keep on evolving. As a family business steeped in tradition, we are legally and financially independent. We always think and act with a long-term vision in mind and handle our resources responsibly.

Leadership

We set standards in the global marketplace and are therefore often the benchmark for others. This results in an enormous sense of responsibility: for our products and services on the one hand, and for progress in our sector on the other. Being a market and technology leader means not simply withstanding the competition, but actually spurring on our competitors through our own achievements – while always staying a nose ahead.

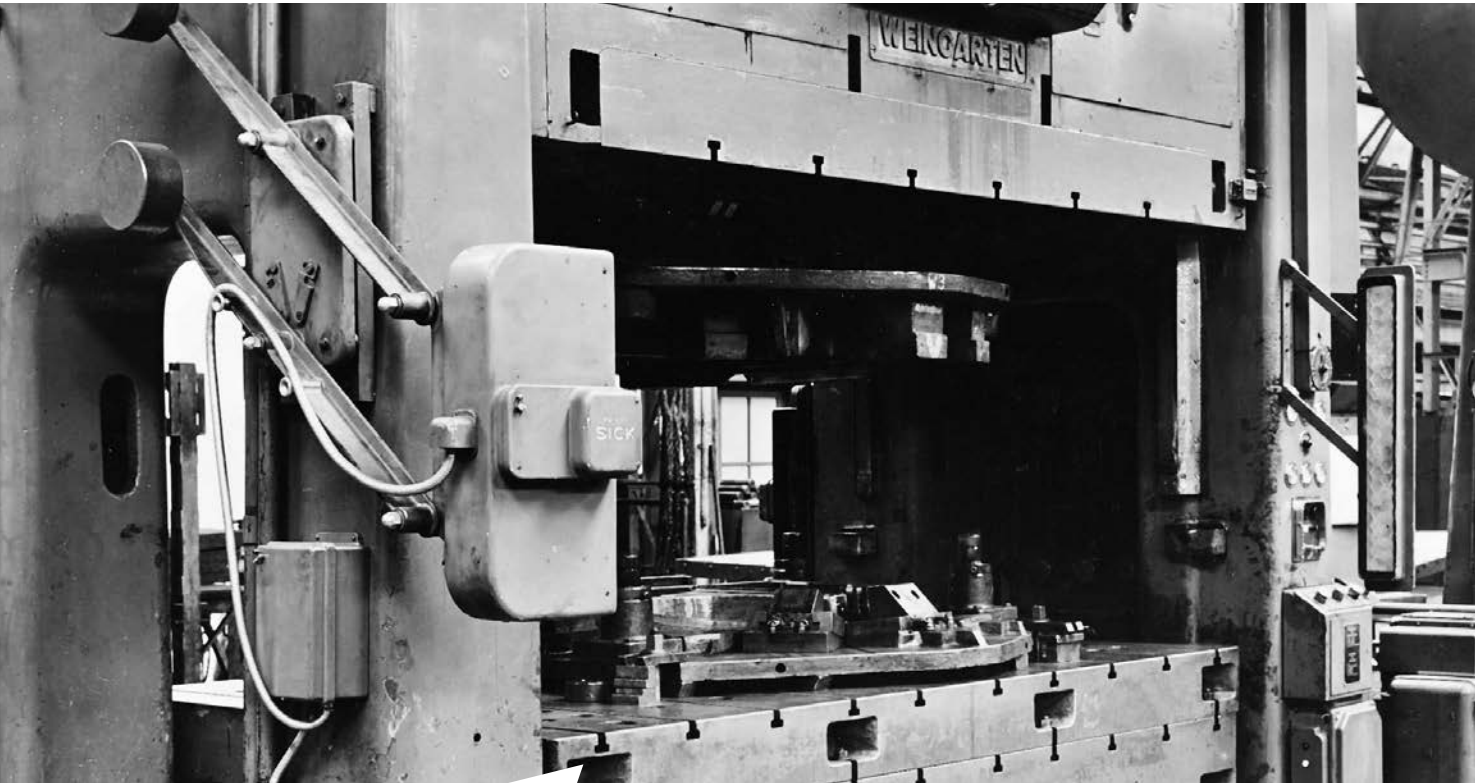
Innovation

Our expertise helps us to create new products and improvements which move the market forward and empower our customers. Our independence enables us to set trends and to stay one step ahead of the competition. We demonstrate our innovative power through the continuous development of our products, system solutions, and services.



Our values also define our corporate culture. We place great importance on an exemplary management culture and an atmosphere of mutual respect between colleagues. Our employees understand the direction in which we are heading. We will always provide room for maneuver along the way, because real innovation can only be achieved through independent thinking.

The next few years will see the further globalization of the business world and the ongoing digitalization of production and business processes. The processes of social change associated with this will also be reflected in the further development of our company organization: Cooperation, transparency, and trust are key factors in our success.



First safety light curtain for accident prevention

The photoelectric barrier was used in 1955 to protect those working on cutting machines and was a commercial breakthrough for our company founder, Erwin Sick.

OVER 70 YEARS OF SENSOR DEVELOPMENT

1946

Birth of what is now SICK AG:
Erwin Sick sets up his own
engineering firm.

1972

The first subsidiary is founded in
France.

1982

Opening of the subsidiary in
Australia.

1952

Presentation of the first marketable
safety light curtain for accident
prevention at the International
Machine Tool Trade Fair in Hanover.
It proves to be the commercial
breakthrough for SICK.

1975

The company expands overseas
for the first time with the founding
of a subsidiary in the USA.

1989

First step toward Asia: founding of
a joint venture with the Japanese
company Optex.

WE ARE BOLD AND EXPERIENCED

For over 70 years, SICK has stood for innovative sensor solutions. Brilliant ideas and exceptional pioneering spirit have produced automation engineering which has changed the world. The work started by Dr. Erwin Sick in 1946 is being continued by our employees all over the world as they embark on a new future with Industry 4.0.

Industry 4.0 and the Internet of Things are changing automation at a rapid pace. Industrial automation engineering and the data-supported business of Industry 4.0 complement one another to form a highly promising partnership. The basis of all success in digitally networked processes is reliable data – and that is exactly what our sensors provide. With our products and the people behind them, we are shaping the future with practical and advanced technologies while remaining true to our traditions.

1988

Erwin Sick runs the company until his death on December 3 at the age of 79. His wife Gisela Sick takes over the company management as the majority shareholder.

2004

SICK expands its sensor technology to the field of sensor intelligence. The development of digital communication and automation systems becomes a key task in the context of technological change.

2013

The sales of the global SICK Group exceed the 1 billion euros mark for the first time.

1996

Erwin Sick GmbH changes its company status to an “Aktiengesellschaft” or joint stock company. Over the following years, employees in Germany and abroad are able to acquire shares.

2010

With the founding of the subsidiary in South Africa, SICK is now represented on all continents.

2017

SICK now has over 50 subsidiaries and equity investments, as well as numerous agencies around the world.

WE ARE



FACTORY AUTOMATION

The automotive and consumer goods industries, mechanical engineering, the electronics and solar industries, and drive technology are the target industries within the factory automation business field. Non-contact sensors, camera systems, encoders, and distance measurement systems all serve to control manufacturing, packaging, and assembly processes, to carry out quality assurance, and to ensure machine safety.



PROCESS AUTOMATION

Within the process automation business field, SICK delivers sensors, customized systems, and services for analysis and process measurement technology. SICK thus provides smart solutions for waste incineration plants, power, steel, and cement plants, oil and gas industry applications, as well as for chemical and petrochemical plants. Together, these solutions make an important contribution to protecting our environment.



In the logistics automation business field, the focus is on airports, industrial vehicles, building management, building safety and security, ports, trade and distribution centers, courier, express, parcel and postal service providers, cranes, and the traffic sector. In all of these areas, SICK's sensors shape and optimize the entire logistics chain: whether by automating material flow processes or by increasing the speed, efficiency, and reliability of sorting, picking, and warehousing processes.

LOGISTICS AUTOMATION



Human-robot collaboration

Production companies endeavor to design their production workflows to offer a high degree of automation and flexibility at the same time – and that includes closer interaction between humans and robots. This requires safety solutions which react completely reliably – even in unexpected situations. With over 70 years of experience in protecting countless machines and systems, we stand for solutions that are ready for the future challenges. Flexible? You can count on it!



Industry

4.0

Digitization and networking

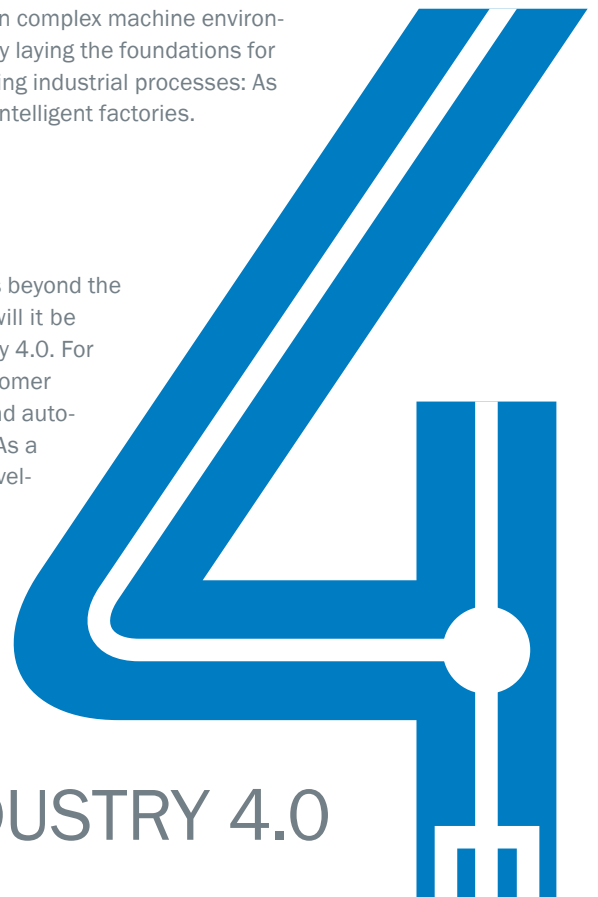
WE ARE WELL ON THE WAY

Networked production and control processes in complex machine environments will determine the future. We are already laying the foundations for dynamic, real-time-optimized, and self-organizing industrial processes: As data suppliers, sensors are indispensable for intelligent factories.

Networked reality

Only when the network of parties involved acts beyond the boundaries of their own production systems will it be possible to fully exploit the potential of Industry 4.0. For it is then that supplier, manufacturer, and customer processes will be able to link up seamlessly and automatically. Data security is the key to success. As a product, system, and service specialist, we develop personalized answers to future challenges together with our customers.

INDUSTRY 4.0





Presence Detection



Industrial Safety



Analyzers



Flow Measurement



Industrial Integration Space



Systems



Motion Control Sensors



Identification & Measuring



New Business

Over
40,000
products

WE ARE VERSATILE

Our work usually begins by analyzing the complex tasks and processes of our customers. This allows us to create the right solution for every application. Our product range is unique. We ensure efficient process control, effective accident prevention, and industrial environmental protection. We are represented in numerous fields with our sensors and systems. In principle, the tasks remain unchanged across the different branches of industry and highlight our areas of expertise: measurement, detection, monitoring and controlling, protection, networking and integration, identification, and positioning.



"We are proud of our products. Each one is the result of collaboration between many colleagues. Together, we create **added value for our customers** by accurately understanding requirements, applying our expert knowledge, and having the courage to break new ground."

Hanae Monma, Marketing Project Coordinator



We set high standards. From system planning to upgrade services, SICK provides high-quality services all over the world. In doing so, we work closely with our customers over the long term in order to provide them with planning security. Human safety as well as machine and system productivity are largely dependent on the availability of the services required in each phase of a product's life cycle, namely those that enable and sustain the function and reliability of a sensor. As a service partner, we help our customers to make the right choice.

WE ARE
ALWAYS CLOSE
AT HAND



We support our customers right from the start. Services range from product-independent consulting to traditional product services. This enables us to ensure that our solutions are not only efficient and cost-saving, but also compliant with current legal requirements and regulations.

We help with the selection, planning, and commissioning of appropriate products, as well as with providing machine-specific analyses and design concepts. SICK also offers engineering services such as the programming and checking of functions in relation to regulations, standards, and specifications. We ensure that machinery and systems will always be ready for operation. With modernization and retrofit measures, we can integrate the latest technologies quickly and easily. Our experienced experts are on hand with support – worldwide. With SICK LifeTime Services, we promise support for the entire lifetime of your machine.



“As a reliable service partner, our customers can count on us being there around the clock to **advise and assist.**”

Fabio Ludovico, Service Technician



WE ARE CURIOUS

With our innovative power and the quality of our products, we have established a leading market position all over the world.

We are securing this position for the future too – with continuing investments in the areas of research and development. We invest around 11 percent of our sales in research and development work each year.

We want our products and system solutions to shape the future – and we are already halfway there. Industry 4.0, machines that communicate with each other, humans and robots working side by side – these are the things that will define the future. We are already coming to grips with them today. It is simple: Without our sensors, this kind of progress will not be possible.

We are realistic inventors and our innovations have a clear objective: Helping our customers to overcome complex challenges and solve future tasks. We are also helping to promote research and advance the global state of the art through our close cooperation with universities, technical colleges, and institutes.

Over
3,000
patents worldwide are testament to our inventiveness

Around
11%
of annual sales invested in research and development

Around
1,000
employees working in the area of research and development



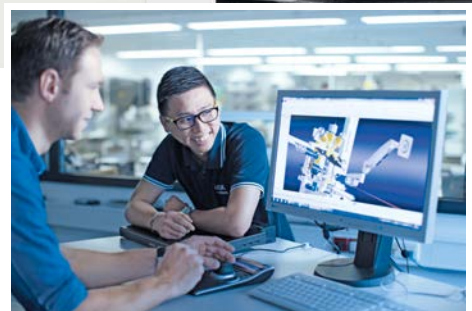
Science and business

Through long-term cooperation and projects with scientific institutions, we are helping to advance the state of the art.



"We combine technical progress with economic viability. The **open exchange** between departments enhances our innovative power. Together, we benefit from new developments and findings and take **responsibility for the future.**"

Sebastian Heidepriem, Head of Wireless Technologies, top left in picture.



WE ARE STRONG TOGETHER

We all work as part of a network with our eyes and ears open, ensuring that we are receptive to each other, to our customers, to the future. Our different skills complement each other and the efforts of each individual are what drives our company forward.

We firmly believe that career progression and quality of life are compatible with one another – and that no one should have to choose. With our personalized staff development, certified apprenticeships and training courses, and a comprehensive range of services to promote a healthy lifestyle and help balance work with family life, we can offer secure positions of employment in a pleasant, family-friendly environment.

We give everyone the chance to learn something new and proactive thinking is actively encouraged: In addition to our diverse training program, our Sensor Intelligence Academy also offers work-based qualifications and further training. In this way, we are able to continue the innovative work of our company founder and pursue his vision every day.

Our regional and social commitments are also highly varied and include “Girls’ Days,” “Science Days,” and the “Jugend forscht” (youth research) competition. We support kindergartens, schools, and non-profit associations and encourage our employees to engage in voluntary activities. We operate as a responsible member of the local community across all of our sites.



“I am really impressed with the wide range of extra services. SICK makes it easy for me to combine [family life with a career](#).”

Silke Dier, Manager Marketing Service & Training



Over
8,800
employees

Around
300
apprentices

Around
90
students participating in
a work-study program





4,400

Using certified green power saves 4,400 tonnes of CO₂ emissions annually

WE ARE RESPONSIBLE

Our sustainability concept is a continual challenge: **Avoid** what can be avoided, **reduce** what cannot be avoided, and **optimize** what cannot be reduced.

Compliance with statutory environmental regulations all over the world is a matter of course for us and is just the first step in our environmentally aware and sustainable conduct. All sites in Germany and the manufacturing subsidiaries in Hungary, the USA, and Malaysia are certified according to the ISO 14001 environmental management standard.

Our climate and environmental protection strategy focuses on four central spheres of activity: CO₂ emissions, waste and waste water, material consumption in production, and the daily use of our products.

By using geothermal energy, photovoltaics, and power from our gas-powered CHP plant, we prevent the production of large quantities of greenhouse gases each year. We compensate for all unavoidable CO₂ emissions generated through the use of heat energy or travel by supporting environmental protection projects.

We are constantly working to reduce waste and waste water by developing our quality measures on a continual basis. We prioritize the sustainable use of environmentally friendly materials and production methods right from the product development stage.

Our fourth sphere of activity is our sensors and systems. Whether they are optimizing manufacturing processes in the steel industry, monitoring combustion processes, making electric drive technology more energy-efficient, or helping to maximize the efficiency of wind power plants, SICK products and technologies also play their part in environmental protection.

Electromobility

Electric cars are available at some locations for business trips. Our employees can also use electric bikes – both for getting to work and in their free time.



IMPRINT

Publisher

SICK AG
Erwin-Sick-Str. 1
79183 Waldkirch
Germany
Phone: +49 7681 202-0
Fax: +49 7681 202-3863
E-mail: info@sick.de
www.sick.com

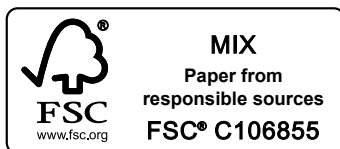
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SICK AT A GLANCE

SICK is a leading manufacturer of intelligent sensors and sensor solutions for industrial applications. With more than 8,800 employees and over 50 subsidiaries and equity investments as well as numerous agencies worldwide, SICK is always close to its 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.

SICK has extensive experience in various industries and understands their processes and requirements. With intelligent sensors, SICK delivers exactly what the 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 SICK a reliable supplier and development partner.

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

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

