WE ARE AUTONICS

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AUTOMATION FOR ALL

Our products may be small,
but can revolutionize production lines
and turn imagination into reality.

As a provider of automation solutions,
your partner for the changing industry,
and a creator of new industrial cultures
we are connecting the present to the future.

Chapter 01.

WE
ARE
AUTONICS

ABOUT US

We are a globally trusted provider of comprehensive automation solutions including sensors, controllers, motions devices, safety products, and software. We are also preparing for the future with research in various fields including artificial intelligence and deep learning, to promote the growth and development of the global manufacturing industry.

1977
Establishment

1,620
Employees

35,000+
Products (SKU)

152
Annual Revenue Million (USD)

13
Global Subsidiaries

65
Registered Patents

11%
R&D Investment

21%
R&D Human Resources

* Based on data from 2023

HISTORY

We have been rewriting the history of industrial automation for the past half century. We will continue our effort to provide new technology and solutions that will change the future of global industrial automation.

1977 - 1999

1977 Establishment of Kuk-Je Electronics (Founder: Hwan-Ki Park)

1980 Development of Korea's first controllers for semi-automatic looms

1984 Release of first digital counter in Korea (K Series)

1988 Changed company name to Autonics

Construction and relocation of new headquarters in Busan, South Korea

1989 Incorporation of Autonics Co., Ltd.

1990 Establishment of R&D Center for Control & Measurement with official recognition from the Korean government in Busan, South Korea

1996 Establishment of corporation in Jakarta, Indonesia

Establishment of corporation in Tokyo, Japan

1998 Construction and relocation to new manufacturing facility in Yangsan, South Korea

2000 - 2009

2000 Establishment of R&D Center for Sensors in Bucheon, South Korea

2001 Establishment of corporation in Illinois, USA

2002 Establishment of corporation in Shanghai, China

2005 Establishment of corporation in Sao Paulo, Brazil

Establishment of manufacturing facility in Jiaxing, China

Establishment of corporation in Ho Chi Minh City, Vietnam

2006 Establishment of corporation in Mumbai, India

2007 Establishment of corporation in Petaling Jaya, Malaysia

2008 Establishment of corporation in Moscow, Russia

Establishment of corporation in Mexico City, Mexico

2009 Establishment of corporation in Istanbul, Turkiye

Construction and relocation of R&D Center for Sensors in Incheon, South Korea

2010 - 2019

2014 Construction and relocation of new headquarters in Busan, South Korea

2015 Announcement of new CEO, Yong-jin Park

2018 Construction of Autonics Reliability Center in Busan, South Korea

2020 -

2020 Establishment of new Autonics R&D Center in Seoul, South Korea

Establishment of manufacturing factory in Ninh Binh province, Vietnam

2024 Establishment of Germany office

ACHIEVEMENTS

Our extensive technical experience and accumulated expertise have earned us recognition for excellence within the industry. We have also been recognized for our ethical and transparent business. With numerous awards from key institutions, we have strengthened credibility as a trusted company in the global automation industry.

1977 - 1999

1992 Designated as a "Technology Pioneer Corporation" by the Ministry of Trade, Industry, and Energy

1996 Designated as a measuring instrument promotion subject company by the small & medium business administration

1998 Designated as a venture company (Small and Medium Business Administration)

Designated as Top 50 small & medium sized business in product quality

1999 Designated as a promising small & medium sized business for exports

Designated as a small & medium sized business with outstanding technical expertise

2000 - 2009

2000 ISO 9001 Certification acquired

2002 Designated as Components & Materials Specialized Company (Ministry of Trade, Industry and Energy)

2010 - 2019

2011 Designated as a Top 10 New Industry Pioneer Company in Jiaxing, China

2012 Entry into one hundred million dollar venture company

2013 Designated as a "World Class 300" company by the Korean government

Designated as a "Specialized Global Company" by the Ministry of Trade, Industry, and Energy

2016 Acceptance to UL Witness Test Data Program

Designated as one of the leading companies in work-life balance

ISO 14001 Certification (Environmental Management System) acquired

Designated as one of top mid-sized companies for human resource development

2018 Presidential Award for Job Creation Companies (Presidential Award)

2019 Designated as a Middle Market Enterprise (Federation of Middle Market Enterprises of Korea)

2020 -

2021 Acquired Safety and health management system certification (ISO45001)

2023 Designated as a '2023 Outstanding R&D Center' (Ministry of Science and ICT)

Designated as a 'Excellent Company for Employee Invention Compensation' (Korean Intellectual Property Office)

Designated as a '2023 Best Company' (Ministry of Trade, Industry and Energy)

Designated as a '2023 Best Workplace' (Ministry of Trade, Industry and Energy)

Desingated as a 2023 Time-honored Business (Ministry of SMEs and Startups)

Best Family Friendly Management' certification acquired (Ministry of Gender Equality and Family)

PHILOSOPHY

"For a better, more convenient world," is a core value shared by all of us here at Autonics.
We strive to develop better automation solutions to contribute to improving work productivity,
global development, and human welfare. By fulfilling our social responsibilities, we are leading
the change in creating a more convenient life for humanity through sustainable growth.

Our Mission

For a better, more convenient world

Our mission is to enrich the quality of human lives by delivering
new values that will make the world more convenient.

Our Vision

ORANGE SOLUTION

To become the industry's leading provider of automation products
by delivering key customer values through Autonics ORANGE solutions.

* ORANGE solutions include optimized performance, high reliability, advanced technology,
new products and services, globally competitive products, and maximum efficiency.
Optimized / Reliable / Advanced / New / Global / Efficient

Our Slogan

Make Life Easy

Our slogan illustrates our commitment to make life easier for our customers
and to make the world more convenient.

Our Values

Be Customer-Driven, Be Action-Oriented, Be Ethical, Be Determined,
Be Creative, Be Cooperative, Be Passionate, Be Selfless

The eight core values reflect the identity of Autonics.

BUSINESS AREA

We are everywhere where automation is needed. Our business areas include factory automation, process automation, software, and smart factory solutions. We are also leading changes in the automation industry through open innovation by investing in new technology and solutions.

Factory Automation

We provide various products required for factory automation in the 4th industrial revolution. We are directly developing and producing core products including sensors, controllers, machine vision, safety, and motion devices that are essential elements for implementing FA automation through proprietary technologies.

Process Automation

We provide various products required for process industry automation, including pressure, temperature, and flux measurement. We are directly developing and producing a variety of PA products required for process measurement and management, such as pressure gauges, thermometers, and temperature sensors.

Software

We support an optimal work environment by developing/providing software to set up and monitor our products. We provide dedicated configuration software for various products like safety products, machine vision, LiDAR, and also offer comprehensive management software including DAQMaster and IO-Link.

Smart Factory

We strive to establish state-of-the-art smart factories with the application of AI/Big Data and Digital Twin, enabling real-time remote control. We support methods and solutions for building top-level smart factories.

Open Innovation

We are leading technological changes in the automation industry through collaboration with various technology companies and open innovation to quickly respond to continuous technological development and changing industrial trends.

INDUSTRIES

Our products and technology offer optimal solutions for various industries including automotive assembly, semiconductor manufacturing, machine tools, logistics, food & beverage, battery, marine, and everyday lives. Our solutions are trusted by engineers around the world in additional fields such as medical/pharmaceutical, packaging, water/wastewater, oil/gas, chemical, plastic/rubber, power/energy, metal, chemical processing and more.

Automotive

Our products are widely used in various automotive manufacturing and assembly processes. Car production includes manufacturing and assembly of about 20,000 individual parts and requires extreme precision and advanced technology. Our products are used in various processes including casting, molding, forging, heat treatment, press, welding, and painting.

Semiconductor/Display

We offer a diverse range of high performance, ultra-compact, high precision products that fulfill the requirements of these industries. Our products can be applied in various processes including sputtering, metal layering, integrated circuit packaging, cleaning, assembly, and more.

Machine Tools

We offer various products for the machine tools industry, from oil-resistant, spatter-resistant sensors to multi-axis, multi-function motion control. With high durability and precision, our products offer highly efficient applications in the machine tools industry requiring high precision and efficiency during manufacturing.

Food/Beverage

We offer a diverse range of corrosion-resistant, durable products that can be applied during food and beverage manufacturing, including raw ingredient processing, cleaning and sanitization, mass production, distribution, and more.

Logistics

We offer a diverse range of products to help improve the speed, accuracy, safety and efficiency of logistics operations and raise productivity for various users. It integrates functions of material handling, production, packaging, inventory, transportation, and warehousing.

Battery

We offer various products and solutions accurate control technology to uniformize battery performance and quality In electrode processes, assembly processes, assembly processes.

Marine

We offer optimized solutions for the industry with various products that can withstand high temperatures, shocks, vibrations and corrosion. We offer durable and reliable products and solutions with our factory and process automation expertise, including marine/metal industry.

Life

We make the world more convenient. Our products can be found everywhere in our lives, including elevators, escalators, automatic doors, smart traffic lights, roasters, and smart farms.

PRODUCTS

We offer products in all three core elements of automation including sensors, controllers and actuators which allow for comprehensive automation solutions. All of our products are built with technology developed in-house and manufactured with strict standards. We also offer software solutions to control and monitor various automation processes.

Sensors

Sensors are the most essential and commonly used components in automation used to detect changes in the environment and transmit the information electronically.
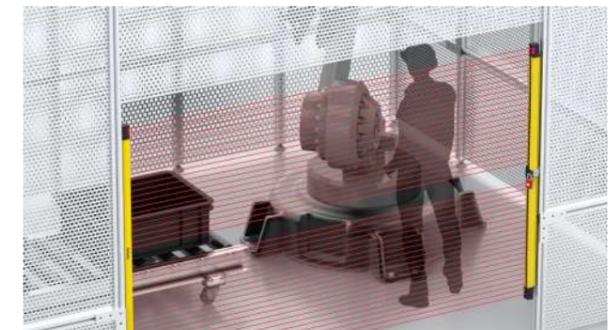
Field Instruments

Field instruments including pressure and temperature transmitters measure and transmit important data in industrial applications and other diverse settings.

Machine Vision

Machine vision smart camera systems offer ideal machine vision solutions for identifying various objects during complex manufacturing processes.

Safety

Safety products are installed in potentially dangerous or hazardous areas to safeguard personnel from injury and protect equipment from damage.

Controllers

Controllers are widely used in industrial control systems to adjust or maintain desired outputs of specific processes within a desired range.
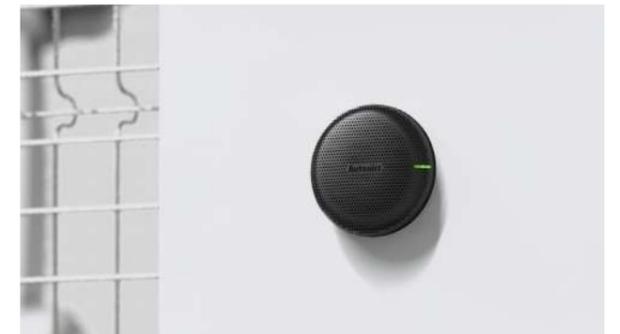
Power Electronics

Power electronics, including switching mode power supplies, solid state relays, and power controllers, help maintain stable and efficient power supply.

Connectivity

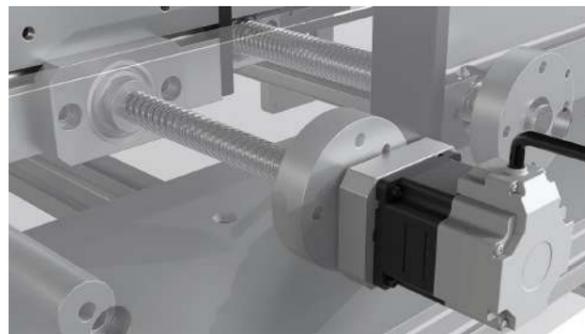Connectivity devices are communication devices used to send and receive signals or data between the environment and information processing systems.

Switches/Signals

Extensive range of control switches are available including push buttons, selector switches, emergency switches, pilot lights, buzzers, and more.

Motion Devices

Motion devices are used to convert electrical energy into mechanical energy acting as actuators in automation processes.

Industrial Networking

Industrial networking devices allow communication between devices using various protocols such as Ethernet, offering safe transmission of real-time data to control systems.

Software

Autonics software allows users to configure parameters, monitor status, program control processes with various Autonics devices.

GLOBAL NETWORK

Our global network consists of 12 international offices and 150 distributors spanning over 100 countries. With a vast sales and technical support network, we provide comprehensive automation solutions for our customers across the globe. Our experts around the world are working day and night to constantly deliver new and improved values, so that we can contribute to improving the quality of life and creating a more convenient world.

History of Overseas Expansion

2024	Establishment of Germany office
2020	Establishment of Vietnam manufacturing factory (Ninh Binh province)
2009	Establishment of Turkiye corporation
2008	Establishment of Russia corporation
	Establishment of Mexico corporation
2007	Establishment of Malaysia corporation
2006	Establishment of India corporation
2005	Establishment of Vietnam corporation
	Establishment of Brazil corporation
	Establishment of China manufacturing factory (Jiaxing)
2002	Establishment of China corporation
2001	Establishment of USA corporation
1996	Establishment of Japan corporation
	Establishment of Indonesia corporation

Korea

· Busan Headquarters / Factory
· Seoul R&D Center · Cheonan, Daegu Office

China

· Shanghai Office · Jiaxing Factory
· Guangzhou, Chengdu, Nanjing, Qingdao, Tianjin, Ningbo, Shenzhen Office

India

· Mumbai (Corporate Office)
· Delhi, Chennai, Pune, Gujarat, Bangalore, Punjab Office

USA

· Illinois (Corporate Office)
· Califonia Office

Japan

· Tokyo (Corporate Office)
· Osaka Office

Indonesia

· Jakarta (Corporate Office)
· Bandung, Surabaya Office

Brazil

· Sao Paulo (Corporate Office)
· Porto Alegre Office

Mexico

· Naucalpan (Corporate Office)
· Queretaro, Monterrey Office

Vietnam

· Ho Chi Minh City (Corporate Office) · Ninh Binh Province Factory
· Hanoi Office

Malaysia

· Selangor (Corporate Office)
· Penang, Johor Bahru Office

Türkiye

· Istanbul (Corporate Office)

Germany

· Frankfurt Office

Chapter 02.

WE
MAKE
LIFE EASY

RESEARCH & DEVELOPMENT

We are designing a better future by connecting people and technology to create a more convenient and better world. We believe that customer satisfaction is achieved through our technological expertise and quality and thus we invest approximately 11% of annual revenue to R&D. We continue to dedicate our effort into research and development of new technology and products to deliver globally competitive solutions for our customers around the world.

Core Technology

We possess core technology in hardware, software, circuit design, optical technology, control device algorithm and platform technology.

High-End Products

We are able to develop high-end products using 100% in-house technology throughout the entire development process, from research to design, product verification, certification, and mass production.

R&D Investment

We invest approximately 11% of annual revenue to R&D with over 21% of total employees dedicated to R&D.

Intellectual Property

We have a stable infrastructure to create original technology and protect our intellectual property rights.

R&D Recognition

We have been selected as an excellent Corporate Research Center in 2019 and 2023 (by the Ministry of Science and ICT).

Excellent Research Environment

We have about 500 units of production, research and development equipment.

Technology Partnerships

We have strategic partnerships with various companies and institutions to secure technological capabilities for future new technologies.

· MOU Agreements
· Korea-Germany Technology Cooperation Center (KGTCC)
· Korea Photonics Technology Institute (KOPTI)
· Fraunhofer Institute

SMART FACTORY
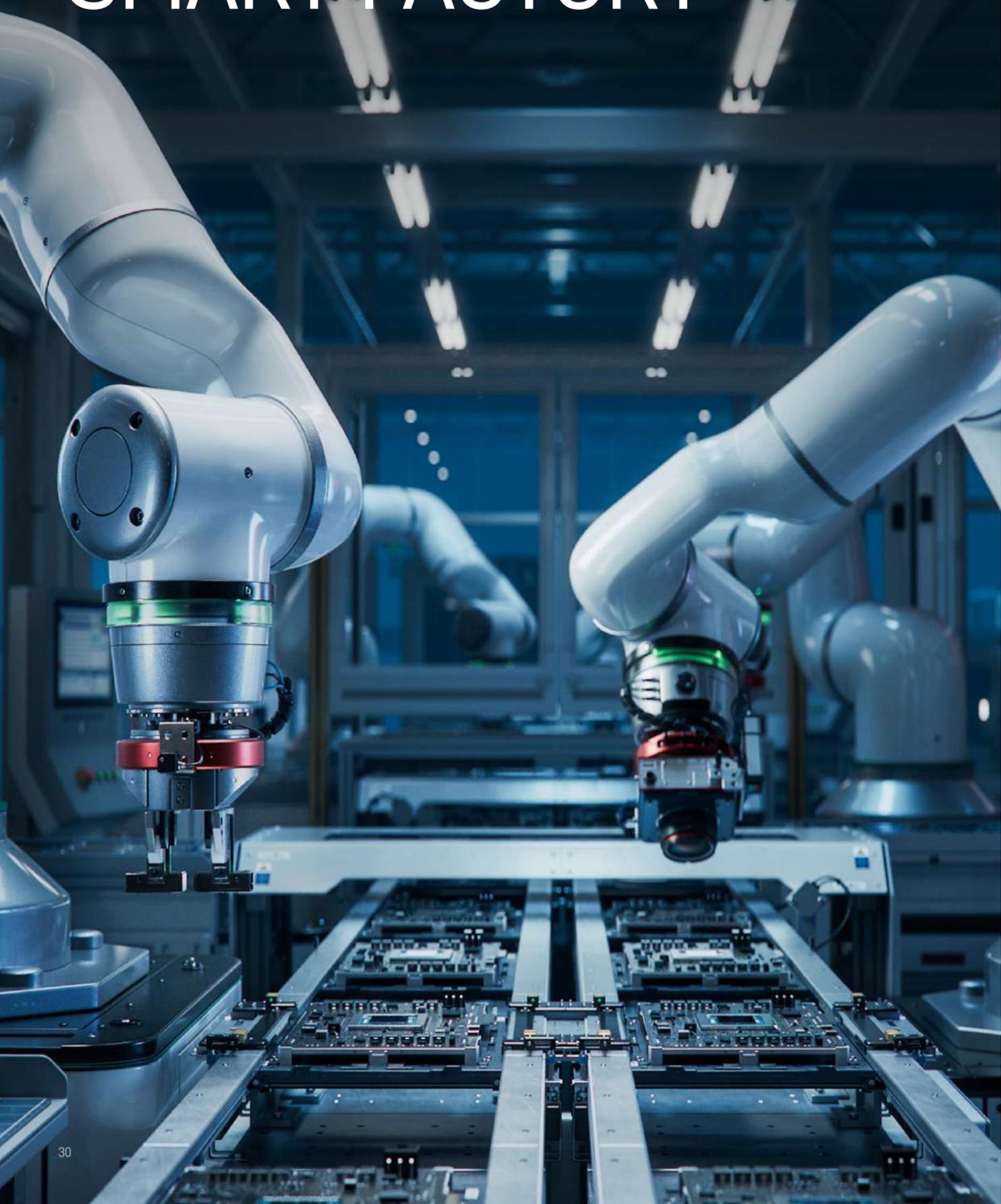
With our products and data collection solution system technology, we have been selected as a 'K-Smart Lighthouse Factory' and serve as a smart factory benchmarking model in Korea. We are giving the direction of constructing smart factory through high level of smart factory capable of managing process data.

K-Smart Lighthouse Factory,
## Autonics 'LEARNING FACTORY'

Level 1	Level 2	Level 3	Level 4
2018	**2019**	**2020**	**2023**
· **Characteristics**	· **Characteristics**	· **Characteristics**	· **Characteristics**
Identification/Inspection	Measurement/Verification	Analysis/Control	Optimization/Integration
· **Level**	· **Level**	· **Level**	· **Level**
Performance information management	Real-time monitoring of production information	Real-time, data-based analysis and control	Simulation-based preemptive response
· **Range**	· **Range**	· **Range**	· **Range**
Inspection	Supply – Assembly – Inspection	Router – Assembly – Soldering – Inspection – Discharge	Supply – Router – Assembly – Soldering – Inspection – Ship

Smart Factory Performance History

2023	LEARNING FACTORY LEVEL 4	2020	LEARNING FACTORY LEVEL 3
2021	Designated as a company for 'K-Smart Lighthouse Factory development project (Ministry of SMEs and Startups)	2019	LEARNING FACTORY LEVEL 2
		2018	LEARNING FACTORY LEVEL 1

QUALITY CONTROL

We know that customer satisfaction starts with high product quality. Through our extensive quality control at our Reliability Control Center and our strict quality management system, we ensure that our products maintain the highest level of global standard quality when delivered to our customers.
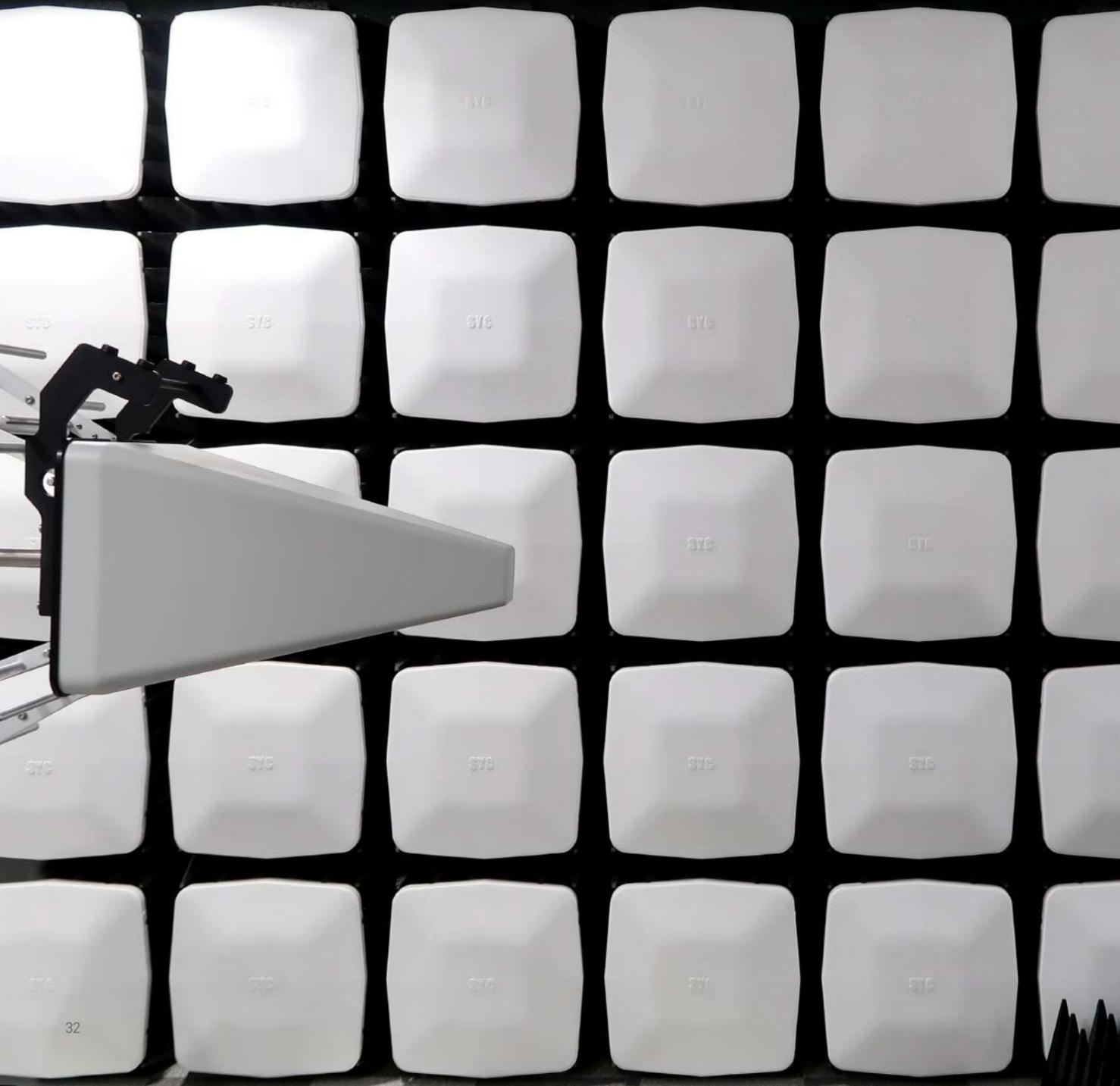
Quality Management System

We strive to deliver perfect quality that exceeds customer expectations. By efficiently establishing a quality management system and implementing QMS, we enhance quality and safety across all manufacturing processes including zero defect leakage, high-quality achievement, uniform quality assurance, and zero process defects. We are also strengthening collaboration on quality management by sharing continuous improvement efforts and expertise with employees and partners.

· Minimizing quality risks through proactive preventive activities
· Enhancing quality management efficiency through data analysis and continuous process improvement activities
· Establishing and maintaining an internal environment for sharing clear quality objectives
· Striving to deliver quality that is customer-centric and exceeds expectations

Quality Management Certification

· ISO 9001   Quality Management System

Product Certification

CE   UKCA   REACH   cULus LISTED   cRUus   S   KC   KCs
TÜV NORD   RoHS   EAC   ☺   CCC   10   S   ⊜

Environmental/ Occupational Health and Safety Management System

We have obtained and maintained ISO 14001 certification for its Environmental Management System (EMS). By identifying environmental impact factors throughout all business activities and improving environmental performance, our EMS complies with the requirements of the International Organization for Standardization (ISO). Additionally, through ISO 45001 certification for the Occupational Health and Safety Management System, we have implemented a system to enhance safety and health performance by establishing, executing, checking, correcting, and reviewing safety and health policies. We continuously identify and improve risk factors within our facilities to ensure the ongoing enhancement of our health and safety framework for the well-being of all employees.

Quality Management Certification

· ISO 14001   Environmental Management System
· ISO 45001   Occupational Health and Safety Management System

Reliability Control Center

Area

1,261 m²

Features

Electromagnetic Compatibility Laboratory / UL Certified Safety Laboratory / Complex Environment Laboratory / Performance Test Laboratory / X-ray Analysis Laboratory / Climatic Environment Laboratories

Test

Field Environment Test - Life-cycle Test / Reliability Test / Electromagnetic Compatibility Test / Safety Test

Chapter 03.

WE
CREATE
NEW VALUES

DESIGN INNOVATION

Since 2019, we have been recognized on the global stage for our design capabilities by winning awards at major international competitions with our differentiated design competitiveness.
This is a pioneering case that redefines the importance of design within the automation industry.
In particular, we focus on providing intuitive and convenient experiences for our customers through consistent, high-quality design that deeply understands and reflects user needs. We will continue to enhance customer experiences with design innovations.

Design Award

2024	IDEA Design Award | Finalist (SPRS Series)
2022	IDEA Design Award | Finalist (SPB Series)
	Red Dot Design Award | Winner (SCADAMaster)
	Red Dot Design Award | Winner (UTR Series)
2021	IDEA Design Award | Finalist (SPRM Series)
	iF Design Award | Winner (LST Series)
	Red Dot Design Award | Winner (LST Series)

2020	Red Dot Design Award | Best of the Best (atLightCurtain)
	IDEA Design Award | Finalist (Automarker)
	IDEA Design Award | Finalist (Smart Camera)
	IDEA Design Award | Finalist (Safety Light Curtain)
	iF Design Award | Winner (Automarker)
2019	Red Dot Design Award | Winner (Smart Vision Camera)

SUSTAINABILITY

We are making various efforts to enrich human life through sustainable management.
Beyond developing good technology and products, we dream of a happy life for the environment,
society, and all members. We are moving toward a better world for the environment we pass on
to future generations, a happy society, a fair and transparent company.

Environment

For Our Environment

We are implementing various policies to contribute to protecting the global
environment by establishing an eco-friendly management system. We strive to
minimize any environmental pollution generated during production.

· Acquired environmental management
  system certification (ISO14001)
· Establishment of an eco-friendly quality
  management system
· Employee participation in
  eco-friendly activities
· Reduction in resource usage

· Reduction of process waste
· Partner quality control
· Introduction of renewable energy
· Water recycling
· Energy saving
· RoHS

Social

For Our Society

We pursue a happy life for all members of society. In addition to ensuring a safe
workplace, through social contribution, we pursue the interests of society as a whole.

· Safety and health management system
  certification (ISO45001)
· Operating a safe and healthy
· Systematic safety and health management
· Employee participation safety and
  health program
· Open innovation

· Technical training
· Smart factory implementation
· Support SCM solutions
· Joint development of production
  technology and technical guidance
· Job creation
· Improvement of employment environment

Governance

For Ethical Business

We practice ethical business management and pursue anti-corruption and
integrity management. We strive to spread an ethical culture.

· Ethical Business Management
· Establishing an ethical culture

· Operating a grievance reporting channel
· Operating Internal accounting
  management system

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