

**OMRON**



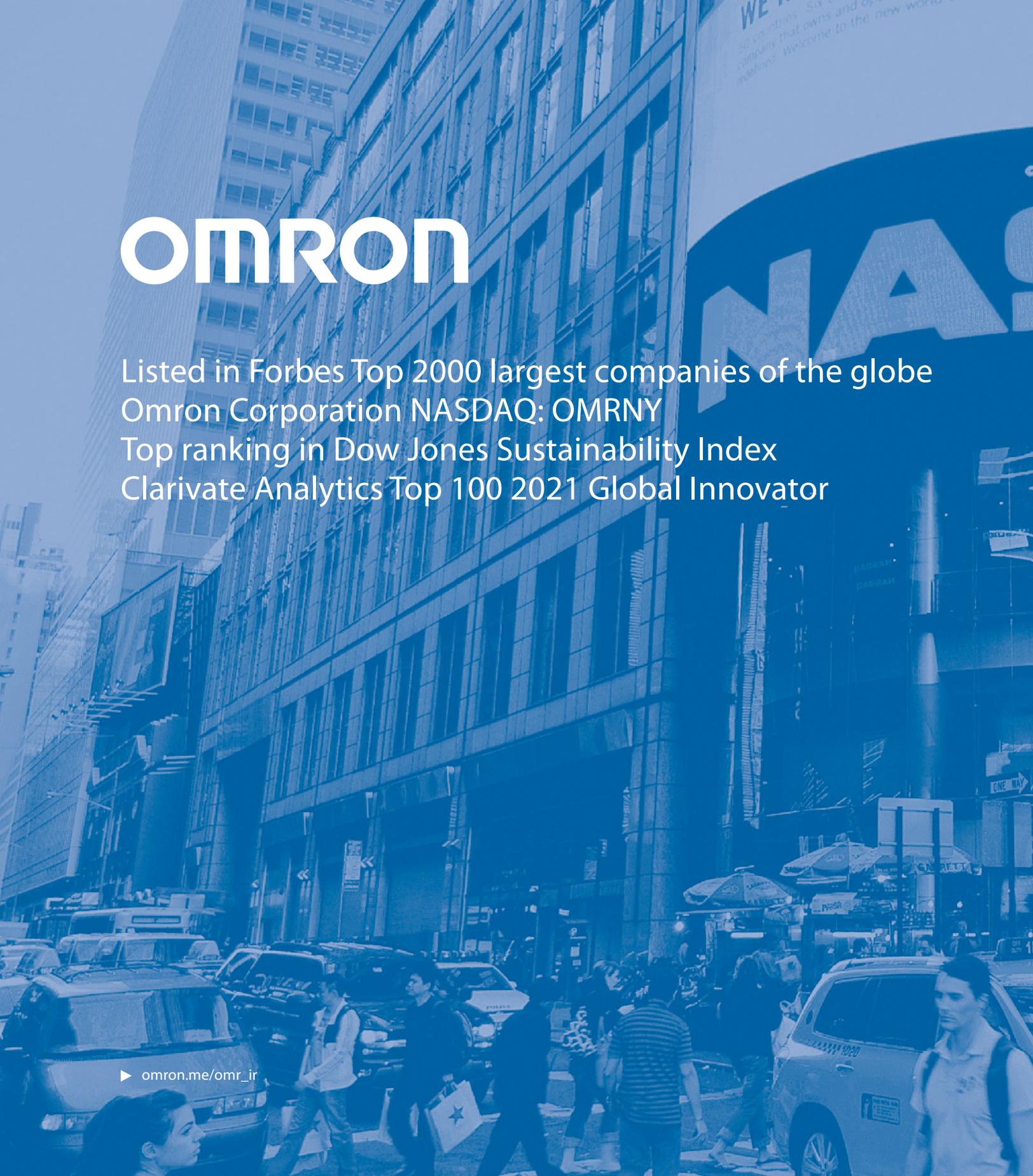
Try first,  
don't just say I can't.  
Try and find a way to do it.

Kazuma Tateisi  
Omron's founder

We will exceed  
your expectations

Yoshihito Yamada, President and CEO

For almost 90 years, we have worked with our customers to develop new and innovative products. With you and our dedicated, passionate and involved employees, we open the door to tomorrow, meeting the needs of people around the world.



# OMRON

Listed in Forbes Top 2000 largest companies of the globe  
Omron Corporation NASDAQ: OMRNY  
Top ranking in Dow Jones Sustainability Index  
Clarivate Analytics Top 100 2021 Global Innovator

▶ [omron.me/omr\\_ir](https://omron.me/omr_ir)

NASDAQ OMX

©2008 The NASDAQ OMX Group, Inc. All Rights Reserved.

NASDAQ

Top 100  
Global  
Innovator  
2021

Clarivate™

 Dow Jones  
Sustainability Indexes  
Member 2011/12

**NASDAQ**



**1933**

Kazuma Tateisi  
established Omron



**1972**

Japan's first factory for workers  
with disabilities set up



**1974**

Omron established in Europe



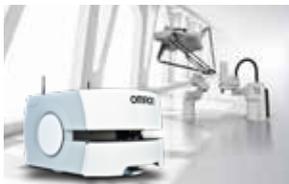
**2006**

Acquisition of the Safety  
Products Group of STI



**2015**

Acquisition of the motion specialist  
Delta Tau Data System



**2015**

Acquisition of Adept Technologies, leading  
provider of intelligent robots, autonomous  
mobile robot solutions and services



**2017**

Acquisition of Sentech, Leading  
Industrial Camera Maker



**2017**

Acquisition of Microscan, global  
supplier of industrial code readers





# 1933

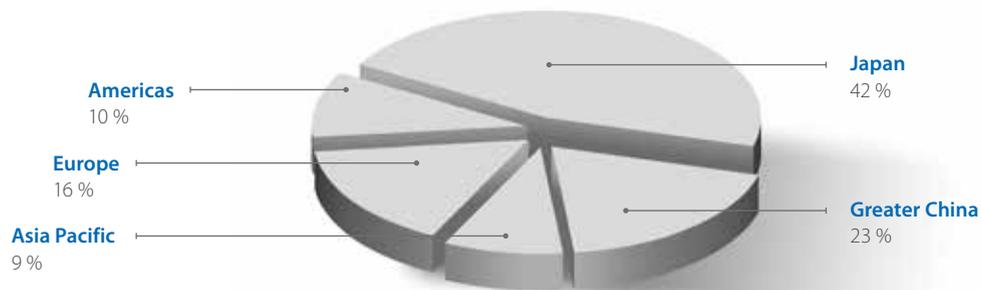
Nearly 90 years of experience in sensing & control.  
Founded in Osaka, Japan in 1933

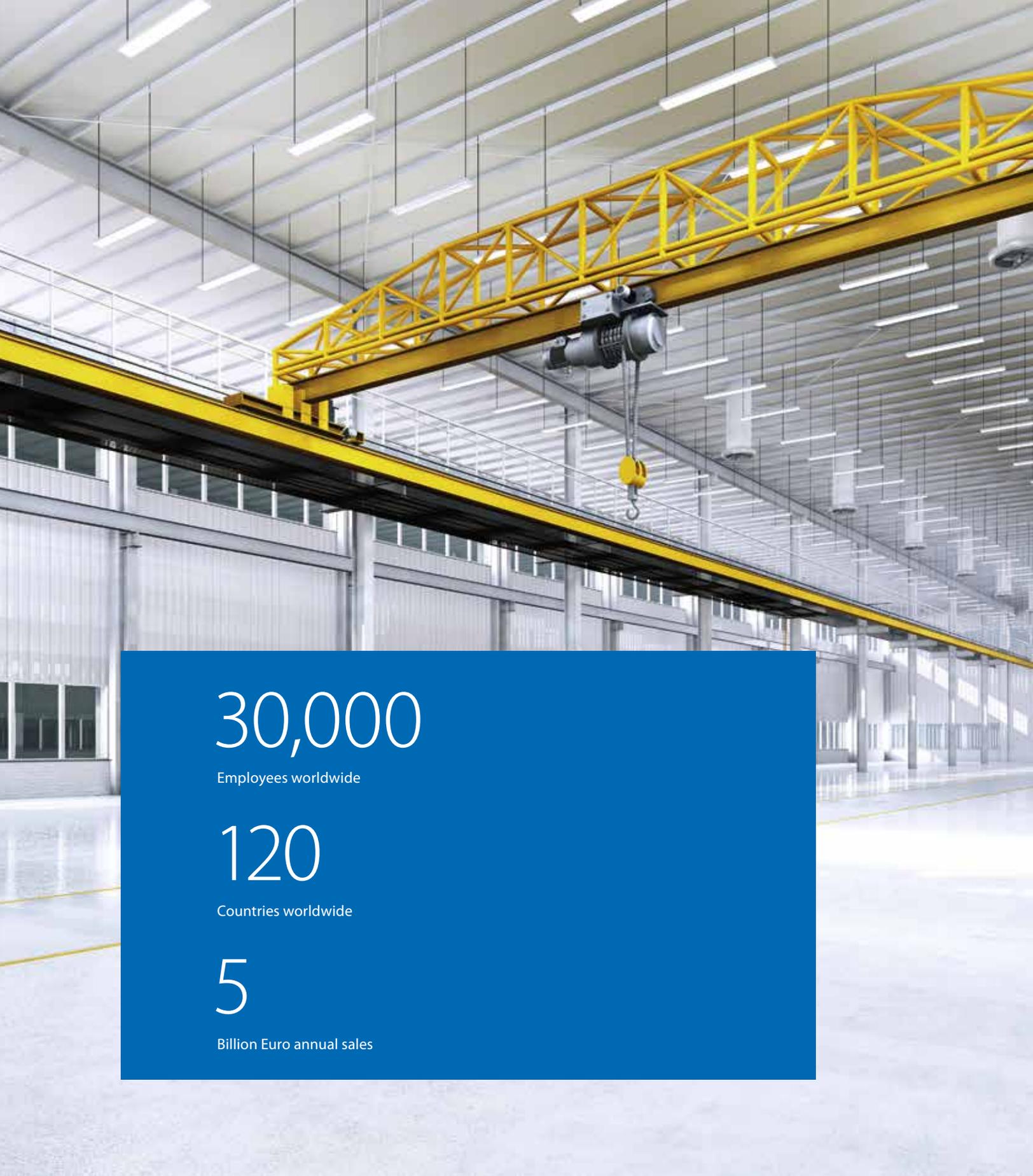
# The facts

## Omron's Businesses



## Sales by geographical region





30,000

Employees worldwide

120

Countries worldwide

5

Billion Euro annual sales



Yoshihito Yamada

President and CEO



## We have grown as a business

---

...by working with customers to develop new and innovative products. It's always been that way – our initial impetus for growth came when a friend of our founder suggested that he try to develop a high-speed timer for X-Ray photography.

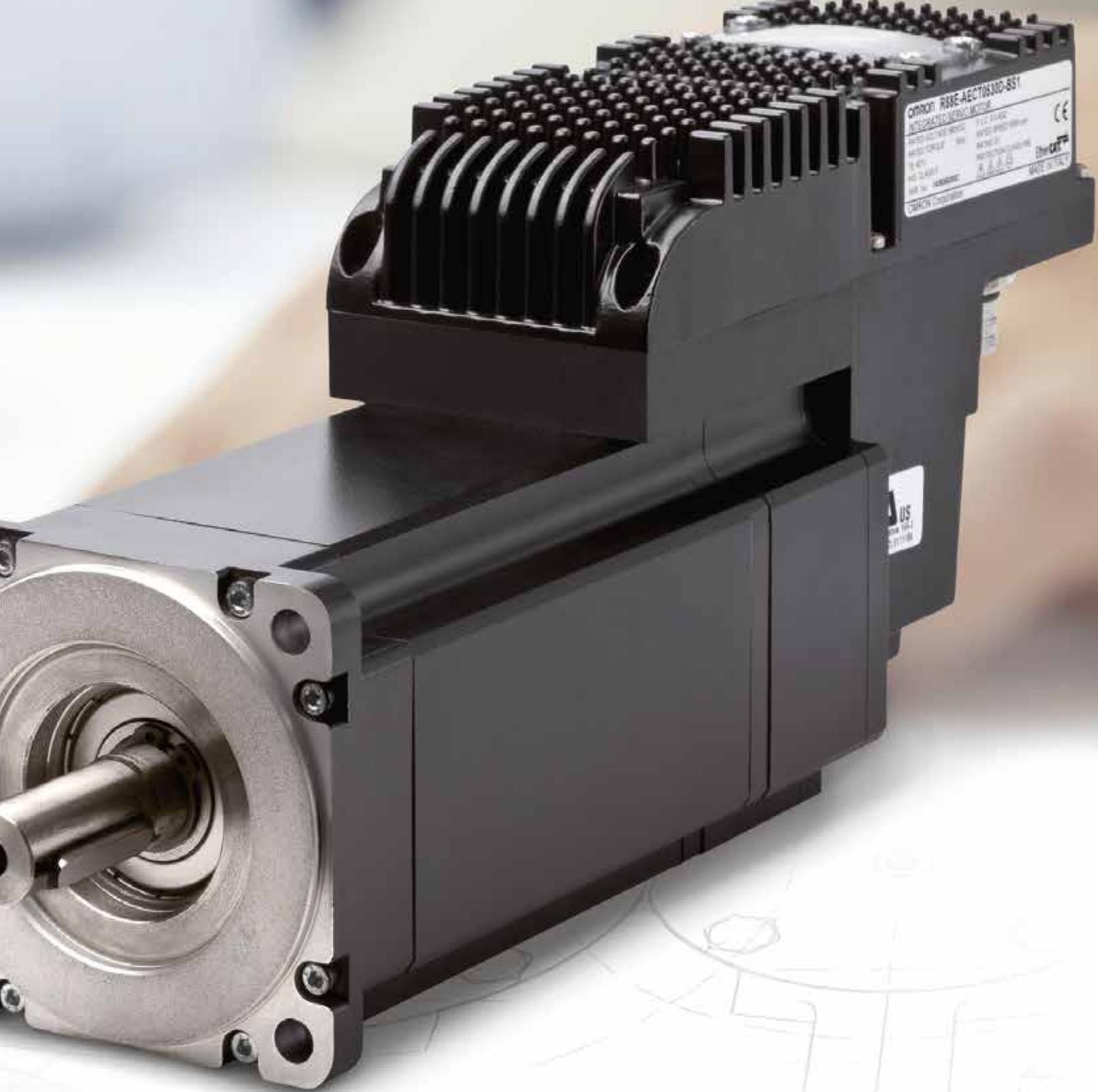
That cooperative spirit has become part of our company DNA. We listen to our peers and involve them in our product-development actions. It sets us apart from others and makes us – and our customers – much stronger. So demand – and expect – more from us. That way, we will continue to develop the products, systems and solutions that can help us create tomorrow's opportunities.

A hand holding a pencil is shown writing on a document. The document features technical drawings, including a circular diagram with radial lines and a mechanical part on the right side. The background is a light, neutral color.

# 6.6%

## Annual investment in research & development

Every year, we invest heavily in R&D, and even when market conditions are tough, we never back away from this commitment. Because it is only through innovation, and through continuing to push back the boundaries, that we will continue to create systems and devices that take the vital next step. The proof is in our outstanding track record of continuous innovation.



A person wearing a blue lab coat and a white face mask is working in a laboratory. They are positioned in front of a large, circular stainless steel piece of equipment, possibly a bioreactor or a large autoclave. The equipment has a large circular opening with a handle. Inside the opening, there are several large stainless steel vessels or tanks stacked on a metal frame. The background shows a clean, industrial laboratory environment with white walls and ceiling lights. The overall color palette is dominated by blues and whites, with some metallic grays.

# Innovation track record

1200 employees dedicated to R&D

11037 issued patents



### **1933 High-precision X-ray timer**

Inspired by a friend, Omron founder Kazuma Tateisi developed a high-precision timer for X-ray photography.

### **1960 Solid-state proximity switch**

In response to market demands, Omron created a contactless (solid-state) switch which far exceeded customer expectations.

### **1964 Automated traffic signal**

Omron installed the world's first traffic-responsive electronic road signal in Tokyo to help ease congestion and prevent accidents.

### **1987 Ultra-high-speed fuzzy logic controller**

Omron adopted fuzzy logic as a core technology, and in 1987 launched the fastest ever fuzzy controller.

### **2005 Face-recognition technology**

Omron's unique sensing system inspired the face-recognition technology used on Apple and Samsung smartphones.

### **2011 Sysmac machine controller**

One controller, one piece of software, and one machine network are integrated to enable next-generation machine automation.

### **2011 Sensing & Control + THINK**

Technology to incorporate Human Intelligence into machines.

### **2017 Artificial intelligence**

Development of a machine automation controller equipped with a machine learning artificial intelligence (AI) algorithm.



HH

Human.  
Working for the benefit of

Contributing to a sustainable society by weighing the economic, environmental, and social impact of our actions.

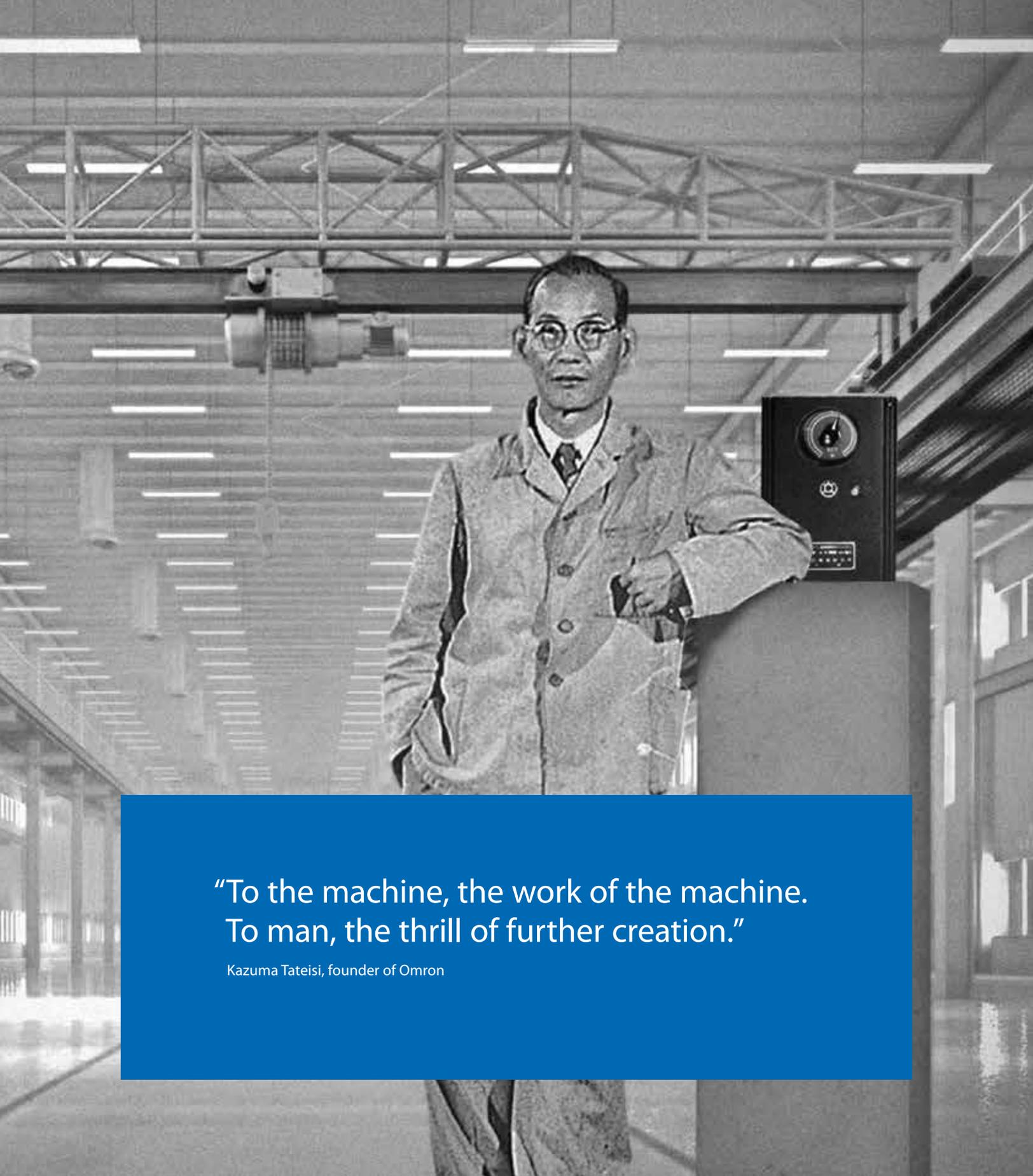


society

# 1970

## The Sinic Theory

First proposed by Omron's founder Kazuma Tateisi in 1970, SINIC theory defines how society, science and technology mutually impact and influence each other. Science enables new technology that helps society; while society's needs encourage both technological developments and scientific discovery. It's a dialogue that continues to this day, underpinning relationships between us and our customers, between engineers and end-users, machine-makers and consumers. It fires our imagination, and enables your creativity.



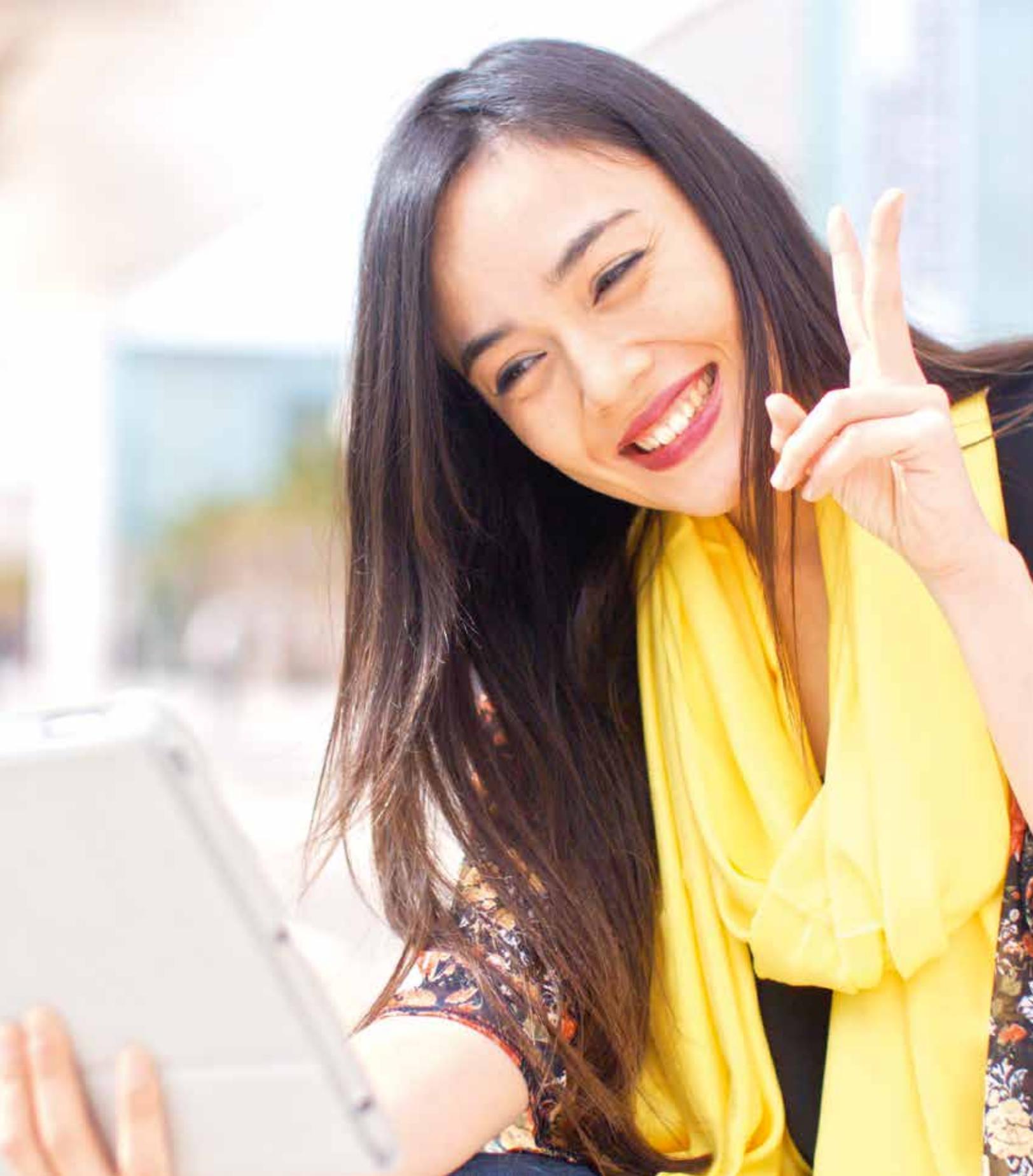
**“To the machine, the work of the machine.  
To man, the thrill of further creation.”**

Kazuma Tateisi, founder of Omron

# Creating the future of manufacturing

Bringing innovation  
to manufacturing sites









# Integrated automation

---

Achieving seamless technology  
integration through advanced control



# Intelligent automation

---

Turning factory floor data into high-value information



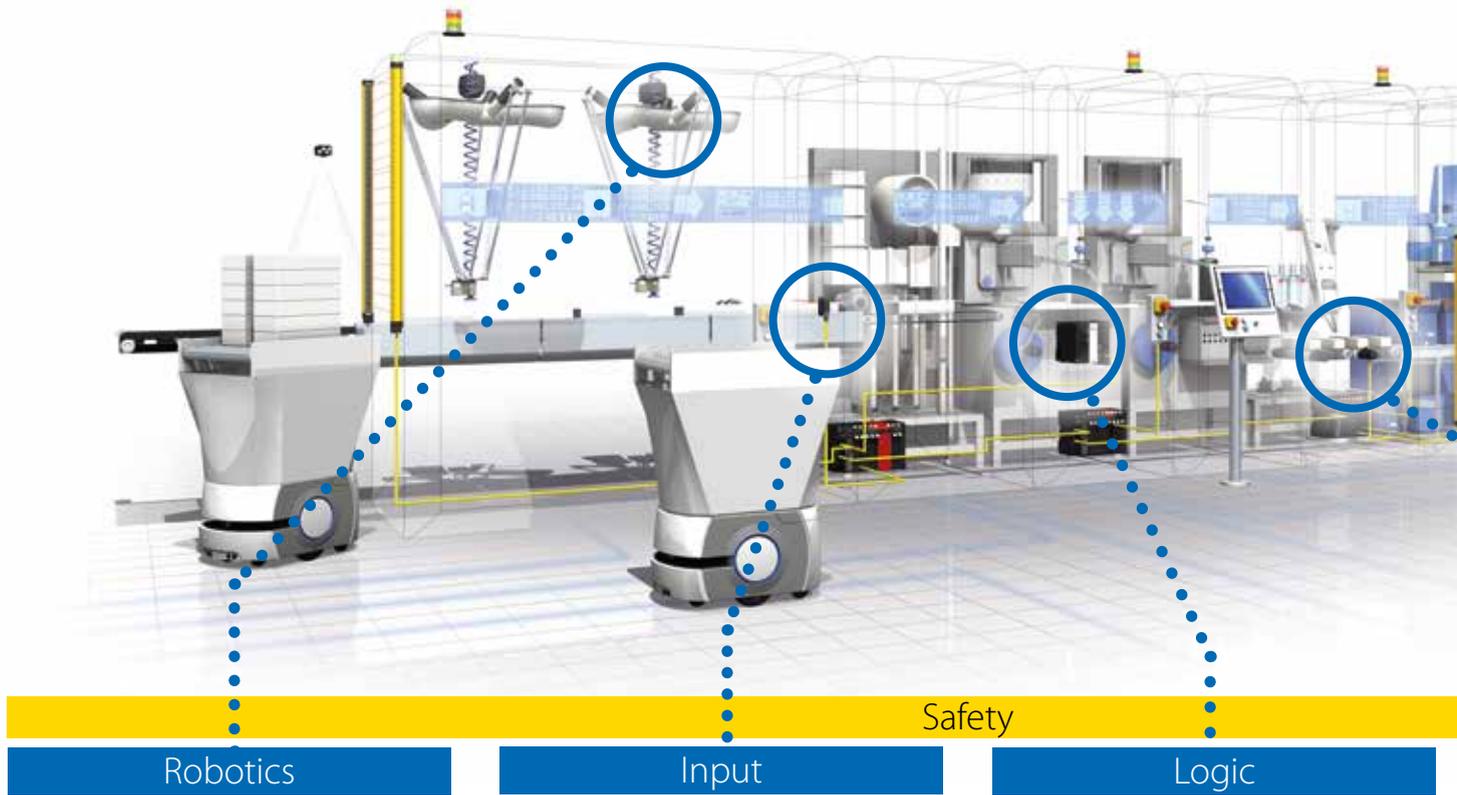




# Interactive automation

---

Creating harmonious interaction between humans and machines



**Integrated solutions for industrial and mobile and collaborative robots**

We offer robotic automation solutions for applications from cutting-edge production facilities to manual operation processes by using our wide variety of control devices and integrating robotics into automation.

Collaborative and mobile robots give your company more flexibility by enabling you to quickly and cost-effectively adapt your production lines to new requirements and changing business needs. In addition to making your employees more efficient by allowing them to focus on tasks that require complex human skills, our mobile and collaborative robots increase throughput, reduce machine dwell time, eliminate errors and improve material traceability

**Matchless application know-how**

Sensing technology, from basic switches to advanced vision systems, detection, quality control and inspection through solid expertise in technology and proven application know-how.

**Machine control and motion control are one**

Our controllers, the core of any automation solution: control of sequencing, motion, temperature, networking, safety and vision, either dedicated or integrated in the Sysmac machine controller.



# Complete portfolio for machine automation

**Fast, flexible, versatile and totally reliable**

From relays to a high-accuracy servo drives, we transform your control system logic into action.

200,000 products delivering Input, Logic, Output, Safety and Robotics

# Efficient Panel Engineering

---

## New value for control panels

**People: Simple & Easy for panel building**

Easy wiring with Push-in Plus Technology, front-in and front-release wiring

**Process: Innovating the panel building process**

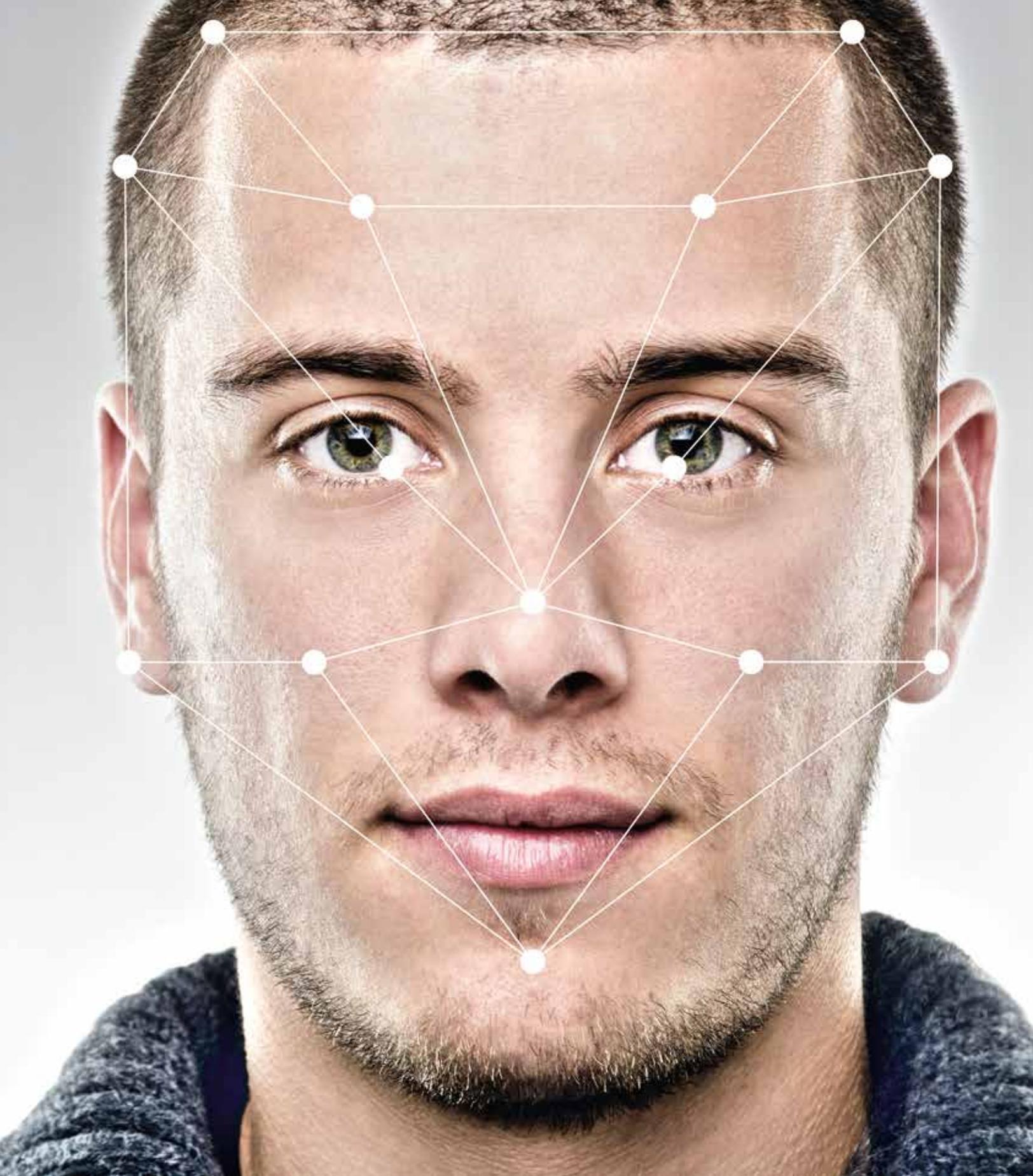
Efficient designing, swift customisation, faster wiring

**Panels: An evolution for control panels**

Space saving, reduce dead space, vibration resistance, improve airflow







# Software

---

One Integrated Development Environment (IDE) software for configuration, programming, simulation and monitoring software.

# Connectivity

---

**Open networks:** Profibus, DeviceNet, Profinet, CANopen, Comconet, Modbus, Mechatrolink II, Compobus/S, I/O link.





# Lean

A true customer focused approach  
to manufacturing



## Low Cost Intelligent Automation

From 35 days to less than 5 days make-to-order

An average of 0.008% defects

Employee productivity increase by 60%



## Customisation

**If our standard range of 200,000 products doesn't meet your needs simply ask**

1-3 weeks for minor changes to existing products

6-10 weeks for customized products

Ad hoc projects for customer specific products



## 95 % of your demand delivered from stock

Everywhere in Europe within 2 days

# Our engineers

...knowledgeable, experienced and above all involved. Every day, they make the difference. If you have a design challenge, they will find the answer; if you have a control issue, they will help you solve it; if you want to manufacture in a different country, they will connect you to our expert in this field.





“Our equipment and systems are an essential part of the total machine, they are vitally important. Visual inspection, motion control, process control, safety – these are what keeps production running, and ensures quality throughout the machine lifecycle. My job is to make sure that my customers get the best, every time.”

Ben van Boxtel, Engineer



# 365

days a year we develop  
new and innovative machines with you



## We make your bright ideas even brighter

### Automation Center, Barcelona

Talk to best-of-breed engineers, try out the latest applications, test your new ideas. Every year we organize more than 200 workshops.



## Proof-of-concept design close to you

### Experience the benefits of a connected, automated and intelligent factory.

Our 11 Proof-of-concept Labs throughout Europe offer automation support to local customers in local languages.



## [myOmron.com](http://myOmron.com)

### Your international online community

Open to everyone in the industrial marketplace, 25,000 registered users, 2200 FAQs, 24h response time, support in your local language.





# Benefits of a global network

**Global**  
30,000 employees, 120 countries

**Providing you with the support you need to operate globally**

Global product availability

R&D based on worldwide requirements

Global support and services structure

**Industrial Automation Europe**  
1700 employees, in 22 countries

**Understanding local markets and requirements**

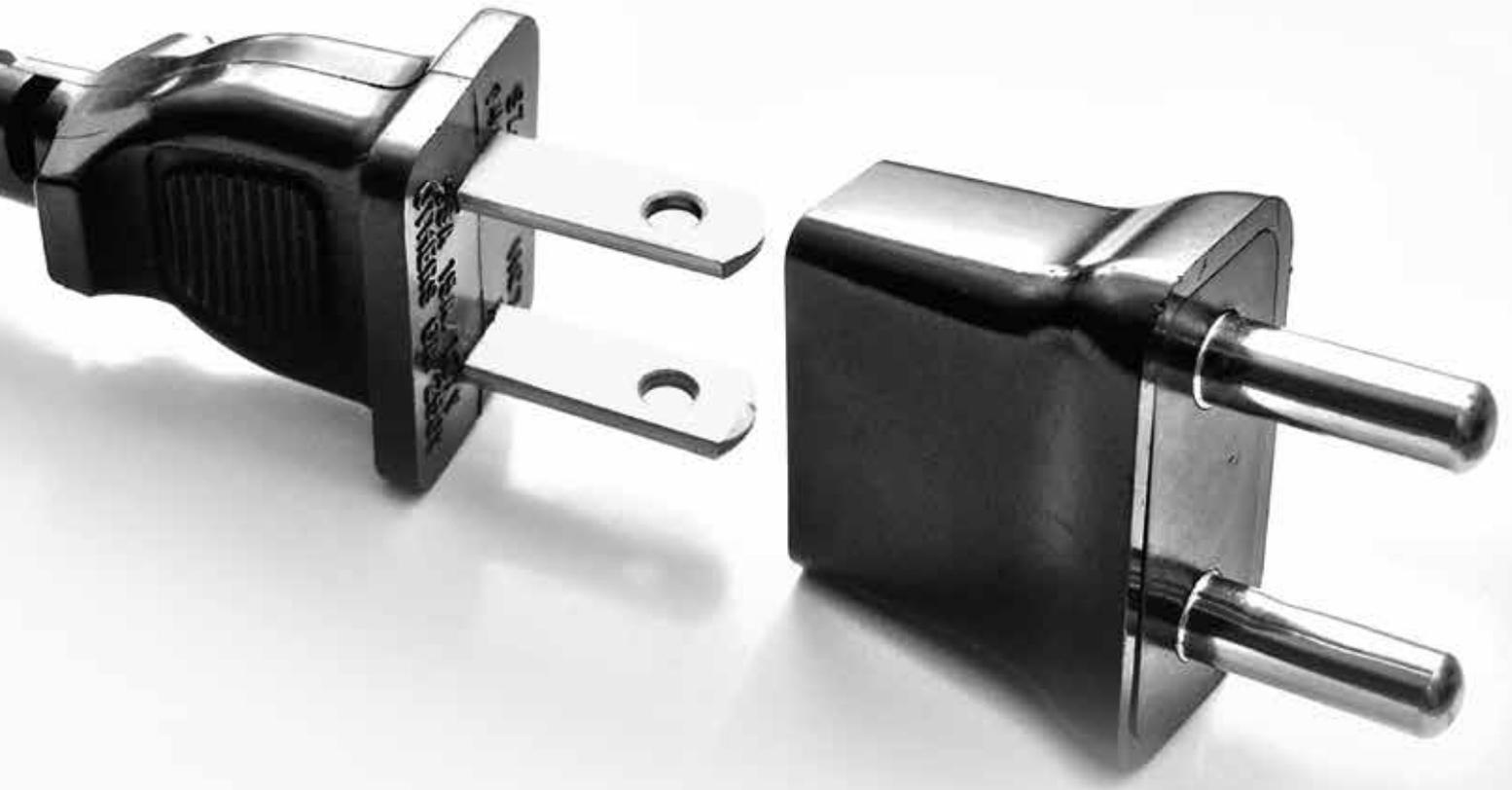
Adaptation of production for local needs

Logistic Structure

Manufacturing

Repair Center

Research & Development



# Local support EMEA

800 technical specialists

39 sales support offices

We are close to your factories and customers with empowered engineers.  
Global scale, local & market knowledge at your command anywhere.

## How can we improve your business?

 +31 (0) 23 568 13 00

 [industrial.omron.eu](http://industrial.omron.eu)

## Join our online conversation

Follow Omron on Twitter or Facebook, join us on LinkedIn, and watch the Omron channel on YouTube. And don't miss the Omron blog site on which we share behind the scenes stories about the automation business. Anything you need to know about machine automation, contact Omron: together, we create tomorrow.

 [twitter.com/omroneurope](https://twitter.com/omroneurope)

 [youtube.com/user/omroneurope](https://youtube.com/user/omroneurope)

 [linkedin.com/company/omron](https://linkedin.com/company/omron)

 [blog.omron.eu](http://blog.omron.eu)