

**OMRON**





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

Kazuma Tateishi  
Omron's Founder

Committed to  
improving society.  
Dedicated to  
exceeding  
expectations.

For more than 80 years we have worked with our customers to develop new and innovative automation solutions. With you, we open the door to tomorrow, striving to meet the needs of people around the globe. Lofty goals? Perhaps. But we believe we can create a better world while growing in harmony with society.





# OMRON

Listed among Forbes Global 2000—  
World's largest public companies

Omron Corporation traded on NASDAQ: OMRNY

Top ranking in Dow Jones Sustainability Index  
Thomson Reuters Top 100 Global Innovators

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

NASDAQ OMX

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NASDAQ

2013 THOMSON REUTERS

TOP 100  
GLOBAL INNOVATORS



Dow Jones  
Sustainability Indexes  
Member 2011/12

NASDAQ®



**1933**

Kazuma Tateishi establishes  
Omron in Osaka, Japan



**1959**

"OMRON" trademark established



**1972**

Omron opens Japan's first factory  
for workers with disabilities



**1973**

Omron expands into  
North America



**2003**

Our Kelhanna Innovation Center  
opens, the heart of Omron's  
global R&D



**2006**

Omron becomes the leader in global  
safety device market with acquisition  
of STI (Scientific Technologies, Inc.)



**2014**

North American Automation Center  
opens in new Chicago headquarters



More than

80

years of experience in  
sensing and control

# The facts

## Omron's Businesses

**Environmental solutions**

10%

**Healthcare**

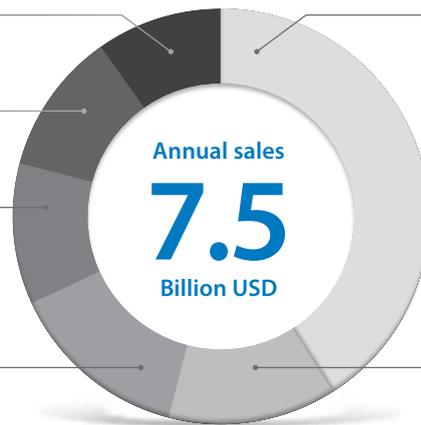
11%

**Social Systems**

11%

**Automotive components**

15%



**Industrial automation**

40%

**Electronic components**

13%





36,842

Employees worldwide

210

Locations worldwide

7.5

Billion USD annual sales



# We have grown as a business—

...by working with customers to develop new and innovative products.

In fact, a suggestion from a friend of our founder inspired our first breakthrough product—a high-speed timer for X-ray photography.

That cooperative spirit has been a vital part of our company DNA from our very beginning. We listen to our peers and involve them in every step, including product development. It's what makes us different. And stronger.

We expect our customers to demand more from us. We're up to the challenge. We continue developing the products, systems and solutions that help us create tomorrow's opportunities.



"Omron is uniquely qualified to offer customers a vast array of solutions, plus tailored services for supporting global business expansion. This combination maximizes our ability to solve most of their application requirements while helping them achieve the goals of their business."

**Yutaka Miyanaga**  
Company President - OMRON Industrial Automation Business



"We measure our success only by the success and satisfaction of our customers. When we partner with a company we want to not only improve their business, we also commit to adding value to the relationship with advanced technologies and high-quality products that are driven by social need."

**Nigel Blakeway, MloD**  
CEO - OMRON Automation & Safety, Americas Region

A close-up photograph of a hand holding a black pencil, poised to write on a document. The document features a light gray grid pattern. In the background, a blurred green banknote is visible. To the right, a portion of a black electronic device with a vertical slot and screws is seen. The overall scene suggests a professional or technical setting.

# 7%

## Annual investment in research & development

Every year we invest heavily in R&D. Even when market conditions are tough, we never back away from that commitment. We believe that it is only through continual innovation that we can deliver solutions that improve speed, increase throughput and enhance operator safety. Our outstanding track record is proof of our never-yielding dedication to improvement. Our promise to always push boundaries remains our hallmark.



omron FZ-SLC100  
INTELLIGENT CAMERA  
SER No. 0485307  
OMRON Corporation

omron  
FZ-SC  
CAMERA

CE

CE



# An 80+ year track record of innovation

Top 150 Global Patent assignee  
1,200 employees dedicated to R&D  
11,000+ issued and pending patents



### 1933 High-precision X-ray timer

Inspired by a friend's suggestion, Omron founder Kazuma Tateishi develops a high-precision timer for X-ray photography.

### 1960 Solid-state proximity switch

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

### 1964 Automated traffic signal

Omron installs the world's first traffic-responsive electronic road signal in Tokyo, helping ease congestion and preventing accidents.

### 1967 Unmanned train station

Omron develops and implements the world's first fully automated and unmanned railway station system, using Omron's automated ticket gate.

### 1971 Online automated cash dispenser

The world's first ATM, dubbed the "Money Machine," is installed in the central branch of the Mitsubishi Bank.

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

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

### 2005 Face-recognition technology

Omron's unique sensing capabilities inspire new face-recognition technology used in Apple, Amazon and Samsung smartphones.

### 2011 Sysmac machine controller

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



*At work for a better life,  
a better world for all.*



# Responsibility is at our core

For us, corporate social responsibility extends beyond economic, environmental and social needs. It is not something we dabble in, but is intrinsic in our culture and who we are. We believe it is our duty to benefit society, address social issues, and always demonstrate fairness and integrity.

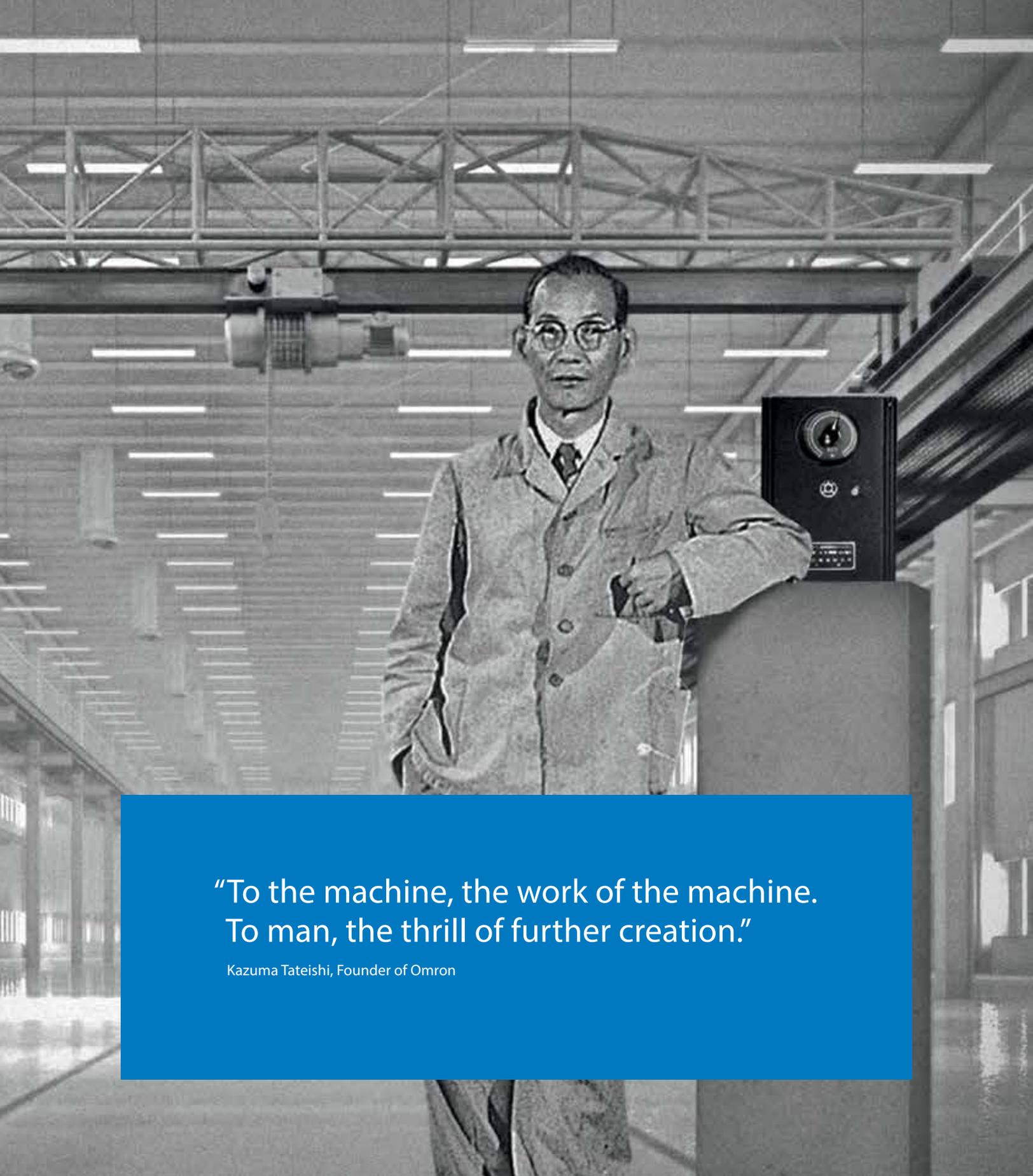
That's why our employees give back, participating in their communities and devoting their energies to make the world a better place.

# 1970

## The SINIC Theory

First proposed by Omron's founder Kazuma Tateishi in 1970, the 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, and between machine-makers and consumers. It fuels our imagination, and enables customer creativity.

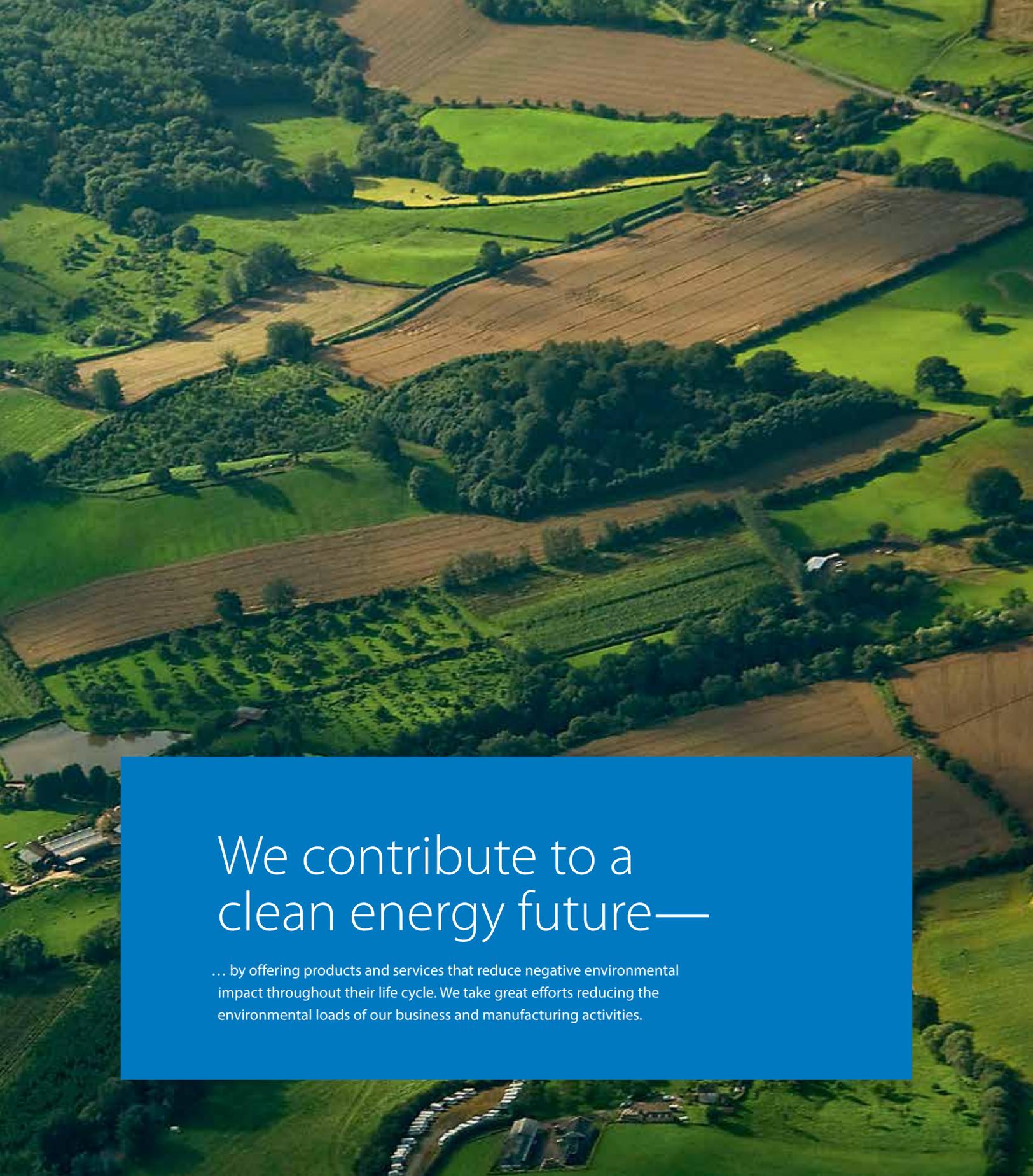
▶ [omron.me/omr\\_sinic](https://omron.me/omr_sinic)



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

Kazuma Tateishi, Founder of Omron

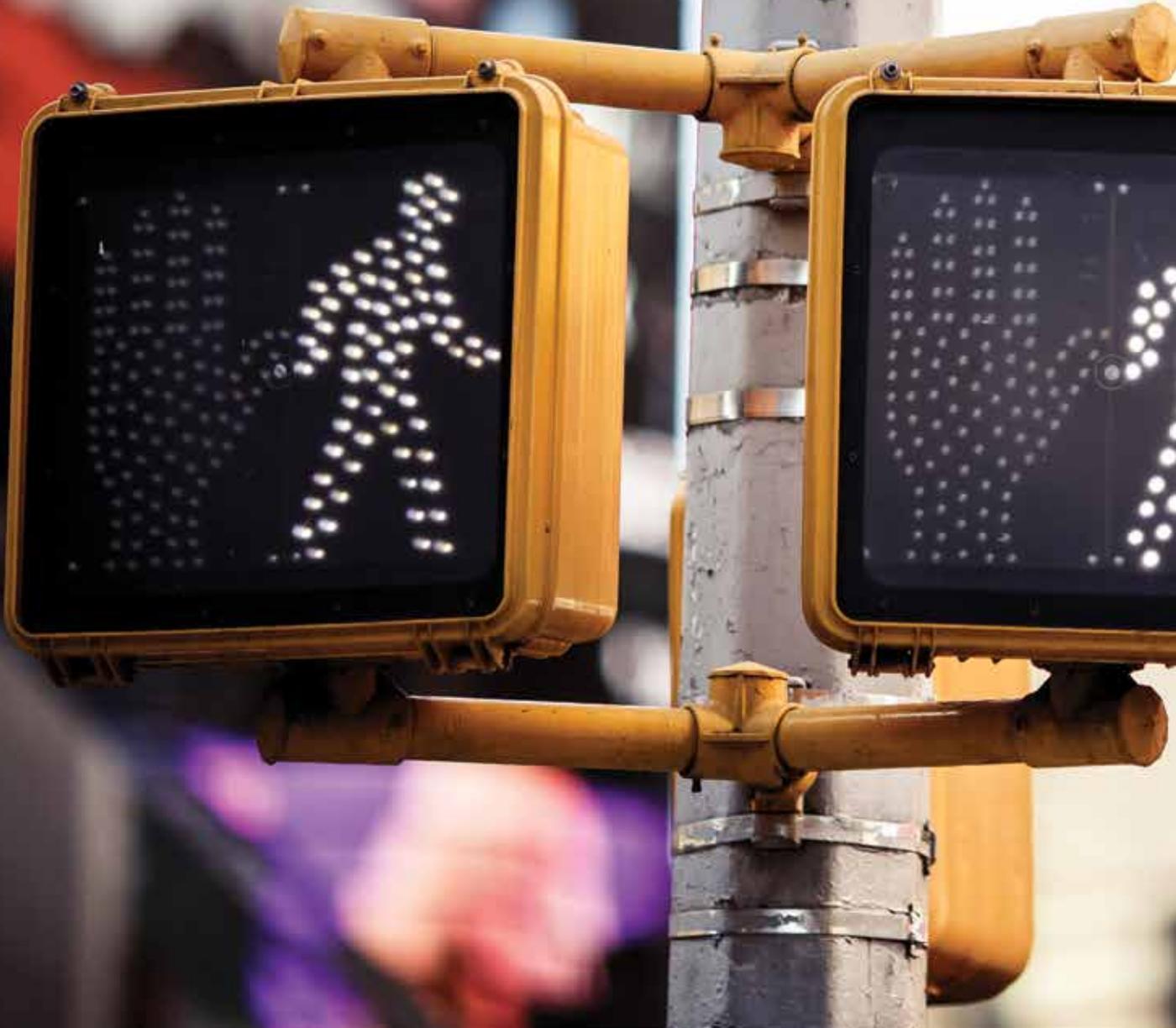


An aerial photograph of a rural landscape. The scene is dominated by a patchwork of green fields, some of which are plowed and appear brown. A dense forest of green trees is visible in the center and on the left. In the bottom left corner, there is a small cluster of buildings, possibly a farm or a small village, with a parking lot full of cars. The overall lighting is bright, suggesting a sunny day.

# We contribute to a clean energy future—

... by offering products and services that reduce negative environmental impact throughout their life cycle. We take great efforts reducing the environmental loads of our business and manufacturing activities.

TURN RIGHT





# Driving personal safety in life and at work

We've long been committed to products that provide the utmost in operator safety, improving and enhancing wellbeing in both the workplace and everyday life. With our vast portfolio of safety devices, manufacturers can produce at optimal speeds, while keeping employees safe.



# A complete portfolio for machine automation

200,000 products delivering  
Input, Logic and Output

We have everything you need for complete machine automation: sensing, control systems, visualization, drives, robotics, safety, quality inspection, control and switching components.

Nobody else in the market can match our seamless technology portfolio, delivering connectivity that's reliable, fast and accessible. Our machines promise exceptional performance, effortless integration, absolute safety and the fastest time from concept to market.



# Input

## Unmatched application know-how

We provide sensing technology, from basic switches to advanced vision systems. Plus, we offer detection, measurement and quality control inspections through solid expertise in technology, and proven application know-how.



# Logic

## Combined machine and motion control

Our controllers are the core of our automation solutions. They control sequencing, motion, temperature, networking, safety, vision and more.

Controllers can be dedicated, or integrated in the Sysmac machine controller.



# Output

## Fast, flexible, versatile and totally reliable

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







# Software

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Our software can create and simulate your machine. With a single tool we can configure it, visualize it and show it in action, allowing for complete, 3D mass prototyping and delivering power and efficiency like never before.

# Connectivity

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From connecting devices on the factory floor to analyzing real-time production data from your office, connectivity means embedding open communication standards including EtherCAT, Ethernet/IP and SQL.

Ether**CAT** 

Ether**Net/IP** 

 SQL

A man wearing a blue hard hat and a grey suit is pointing upwards with his right hand. He has a serious expression and is looking slightly to the left. The background is a bright, out-of-focus window.

# Gemba:

## A true customer focused approach to manufacturing

We find the best improvement ideas come from being on the front lines and walking the manufacturing floor. This way we can gather data from every source and truly understand the full impact of a problem, spotting waste and uncovering opportunities for practical improvement.

**"Gemba"** is a Japanese word that refers to the place where value is created for customers.



## Technical Resources

We offer free phone support, application engineers in every market and free training.

Every year we train more than 1,000 engineers, distributors and customers.



## Customized Project Consultation

To meet the needs of our customers we provide integrated solutions, project management, and strategic sales consultation in coordination with our global business units. Our advanced technologies and rapid response approach enables customers to reduce development time and leverage our technical expertise and known quality for machine solutions.



## Ready when needed

96% of requests are delivered from existing stock, ready for immediate delivery from our warehouses throughout the Americas.

# Our engineers—

... are knowledgeable, experienced and above all, involved. Every day, they make a 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 with our experts in the 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 keep 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



Developing innovative machines

365

days a year



## Automation Center, Chicago, IL

**Making your bright ideas even brighter.**

Our expert engineers are ready and eager to try out the latest applications and test your new ideas.



## Tsunagi connectivity labs

**We've made inter-operability issues a thing of the past.**

The specialist engineers in our Tsunagi Labs achieve compliance to open standards, ensuring that multi-vendor solutions are supported. Available in: Chicago, Shanghai, Amsterdam and Kyoto.



## Omron247.com

**We've gathered everything you'll need to stay informed, increase commission and maintain your equipment, all in one place.**

Complete specs, CAD drawings and eLearning—all available in multiple languages for your convenience.

Our customers, distributors and employees have completed more than 12,000 hours of eLearning.



**OMRON Automation Centers and technical offices across the World**

- Automation Center
- Application Engineer
- Channel Partner

London, Ontario  
 Granby, Quebec  
 Ottawa, Ontario  
 Kingston, Ontario  
 Barrie, Ontario  
 Kitchener, Ontario  
 Trenton, Ontario  
 Stratford, Ontario

Portland, ME  
 Bloomfield, CT  
 Danvers, MA  
 Mt Vernon, NY  
 Pittsford, NY  
 Syracuse, NY  
 East Rutherford, NJ  
 New Brunswick, NJ  
 Pittsburgh, PA  
 Bensalem, PA

Indianapolis, IN  
 Farmington Hills, MI  
 Grand Rapids, MI  
 Westlake, OH  
 Loveland, OH  
 Cincinnati, OH  
 Nashville, TN  
 Knoxville, TN

Chesterfield, VA  
 Richmond, VA  
 Ashland, VA  
 Belmont, NC

Manaus  
 Fortaleza  
 Goiânia  
 Belo Horizonte  
 Campinas  
 Vitória  
 Sao Paulo  
 Rio de Janeiro  
 Curitiba  
 Caxias do Sul  
 Porto Alegre  
 Montevideo  
 Santiago  
 Buenos Aires

Edmonton  
 Calgary  
 Saskatoon  
 Regina  
 Winnipeg  
 Vancouver  
 Seattle  
 Boise  
 Denver  
 Portland  
 Salt Lake City  
 Santa Clara  
 Oakland  
 Campbell  
 San Jose  
 Cypress  
 Los Angeles  
 San Diego  
 Tijuana  
 Los Mochis  
 Torreón  
 Monterrey  
 Reynosa  
 Mexico City  
 West Des Moines  
 Des Moines  
 Chicago  
 Bloomington  
 St. Joseph  
 St. Louis  
 Bessemer  
 Little Rock  
 Montgomery  
 Mobile  
 Lawrenceville  
 Lexington  
 Atlanta  
 Lakeland  
 Kingston

Val D'or  
 Quebec City  
 Moncton  
 Fredericton  
 Halifax  
 Montreal  
 Sherbrooke

Mississauga  
 Windsor  
 Toronto

Santo Domingo  
 San Juan



# Providing you with the support to operate globally

36,842 employees, 210+ offices

R&D based on worldwide requirements

Global product availability

Global support and services structure

## Local support

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With our wide network of offices, we are close to your factories and customers. Our knowledgeable and capable engineers provide global scale with local and market knowledge at your command, anywhere.

## How can we improve your business?

 1-800-556-6766

 [Omron247.com](http://Omron247.com)

## 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 can create tomorrow.

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