



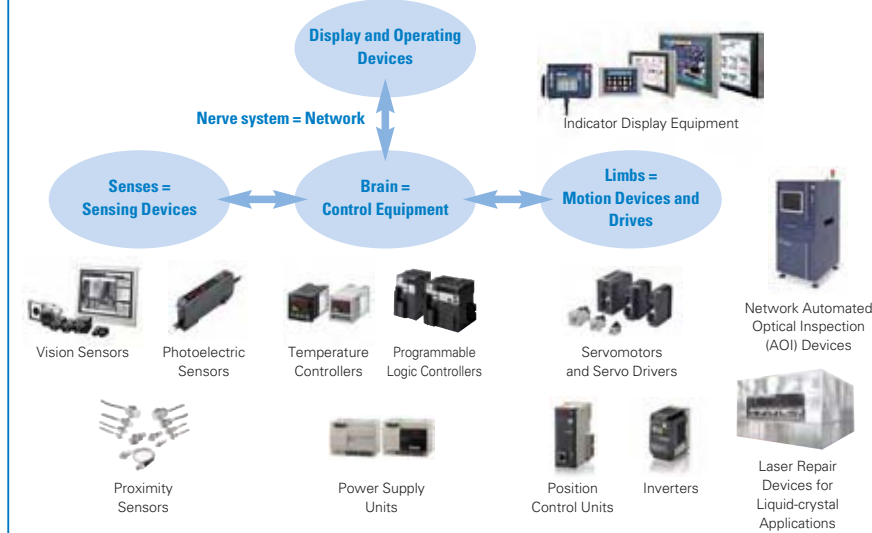
IAB Industrial Automation Business

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The top provider of
control equipment for
the manufacturing
industry in Japan*¹,
supporting
manufacturing
innovation worldwide

IAB provides a wide spectrum of devices necessary for the optimal operation of manufacturing equipment, products ranging from sensors, control devices, and all types of inspection and processing equipment to equipment meeting the growing demand for products to enhance worker safety and environmental products that contribute to improving energy efficiency. IAB's wide-ranging product lineup, which is number one in the industry*¹, supports manufacturing product innovation for customers around the world.

(*1 As of August 2011, Omron internal survey)



IAB's product lines comprise devices for sensing lighting, imaging, vibration, temperature and humidity levels, location, speed, and other data necessary for the operation of manufacturing equipment; control and motion devices that process large volumes of data into meaningful and useful information and execute optimal control; and display and operating devices that monitor the control status at the production site and enable configuration and adjustment. Interconnecting IAB's devices for data communication enables high-speed, high-precision control to contribute to enhancing "quality, safety, and the environment" at the production site.

Safety Equipment



Environmental Equipment

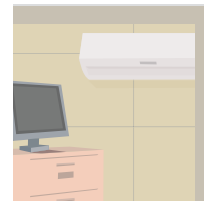


EMC Electronic and Mechanical Components Business

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Provider of ever-
improving digital
components to a wide
range of industries,
leveraging *monozukuri*
technology

The EMC segment's strength is its advanced *monozukuri* technology in each stage from product design to materials, metal molds, product processing and assembly. Its expertise has been cultivated in the production of its vast array of relays, switches, connectors, and other components utilized in consumer appliances, telecommunications equipment, mobile devices, amusement devices, office automation (OA), and other equipment.



Relays and Switches

Relays are composed of electromagnets that convert electric signals to mechanical movement and switches that turn electricity on and off. Relays and switches are used in virtually all electric and electronic devices, including refrigerators, microwave ovens, and air conditioners.

Surface-mounting
High-frequency
Relays

Surface Mount
Switches

Connectors

Connectors are used as an interface between electronic devices and are widely used in mobile devices, industrial equipment, and other electronics.

FPC Connectors



AEC Automotive Electronic Components Business

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Contributing to the
creation of safe
and comfortable
automobiles
worldwide

AEC is an active contributor to the rapidly advancing car electronics market in the drive to realize a safe, comfortable, and environmentally friendly automotive society. The company supplies all types of controllers, sensors, switches, and other components for automakers and electrical equipment producers around the world. AEC provides the sensing and control technology for the future of auto manufacturing.

Transmitter Key & Engine Start Systems



Entry systems enable car doors to be locked and unlocked by touching the door handle or pressing a switch for the door without taking out the transmitter key.

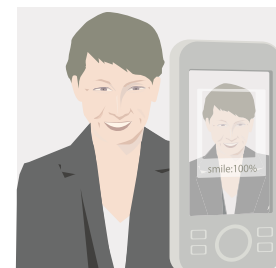


Engine start systems enable car engines to be started or shut down by pressing a switch from the driver's seat of the car without taking the transmitter key out of one's bag.

OKAO Vision
OKAO Vision is gaining wide use as a technology for correcting exposure in digital photography and brightness in photo printing, and its face recognition capability is used in mobile phone user verification as well as estimating age and determining sex.



OKAO Vision
Facial Image Sensing



Sensors and Modules

Sensors and modules enable miniaturization and enhanced functionality for mobile phones, digital cameras, and other electronic devices.

Flexible Optical Distribution
Modules

Combination Jogs



Electric Power Steering Controllers

Electric power steering controllers are equipped with high-output and high-precision sensing functions to enable smooth steering of the vehicle. These devices help achieve energy savings and better mileage.



Electric Power Steering
Controllers





SSB
Social Systems,
Solutions and
Service
Business

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Japan's No.1*²
supplier of railway
infrastructure
systems and creator
of a wide variety of
social systems

SSB provides a wide variety of systems to support social infrastructure centering on railway and traffic control systems. Recently, SSB has been a major contributor of IC card equipment for railway systems, building on its position as the top domestic supplier of automated ticket gates and ticket vending machines. The company has further expanded its business scope to contribute to the realization of a safe, secure, and comfortable society through innovative solutions utilizing image sensing technologies.
(*2 As of August 2011, Omron internal survey)

Automated Ticket Gates

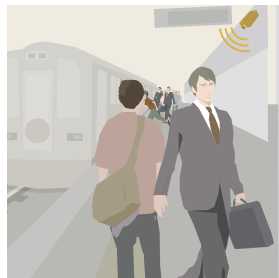


Ticket Vending Machines



Train Station Solutions

SSB provides systems solutions, including the newest models for automated ticket gates and ticket vending machines using universal designs, to increase the comfort and efficiency of train stations.



Social Sensing

Sensors located in public settings gather data on the movement and conditions of people, automobiles, and other objects, and provide optimal information to people and control equipment.



Road Traffic Solutions

In addition to control systems for traffic volumes and traffic conditions, SSB is developing next-generation traffic safety systems designed to prevent accidents by transmitting data on pedestrians, bicycles, and other objects collected by sensors to nearby vehicles.

Traffic Control Systems



HCB
Healthcare
Business

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Global No.1*³ market
share for digital home
blood pressure moni-
tors and a wide range
of products and serv-
ices for treating lifestyle-
related diseases

HCB provides equipment and services worldwide for personal and professional use to support the disease prevention, treatment, and health improvement fields. The company's home blood pressure monitors command top market shares, with approximately 65%*³ of the domestic market and 51%*³ of the global market. HCB's bio-information sensing technology has made it a leader in the home healthcare market, and it is taking on the new challenge of supporting daily personal health management all over the world.
(*3 As of August 2011, Omron internal survey)

Healthcare & Medical Devices for Home Use

Digital Blood Pressure Monitors



Pedometers and Activity Monitors



HCB supports the health of individuals by connecting daily personal health management at home and disease management at medical institutions.

Body Composition Monitors



Thermometers



Body Glucose Meters



Nebulizers



Portable Electrocardiogram (ECG) Monitors



Medical Equipment for Hospital Use



Central Monitors



Non-invasive Vascular Screening Devices



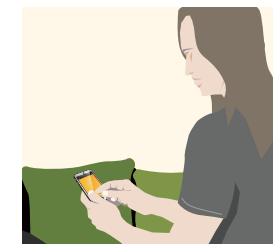
Other
Environmental Solutions
Business,
Electronic Systems &
Equipments Business,
Backlight Business, and
Micro Devices Business

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**Discovering and
fostering new
business opportunities
for achieving Group
growth strategies**

The Other segment explores and develops new businesses outside the realm of the main five segments. The segment's Environmental Solutions Business, Electronic Systems & Equipments Business, and other operations play an important part in advancing the Omron Group's growth strategy. The Other segment advances business in future growth areas, including the environment field and the smartphone market, which are expected to expand.



LCD Backlights

Micro lens array technology with several million micron-sized micro lenses to maximize light utilization efficiency contributes to brighter and slimmer mobile phones with lower power consumption.



LCD Backlights

Micro Devices

Omron provides new applications centering on micro electrical mechanical systems (MEMS).

MEMS Acoustic Sensors



MEMS Non-contact Temperature Sensors



Energy-saving Solutions

We do not merely provide existing devices related to energy saving, such as electricity monitoring devices and electricity sensors, but rather we offer a solution-based business that combines all of these factors for the reduction of CO₂.

Remote Energy Monitoring Systems



Energy-creating Solutions



Power Conditioners for Solar Power Generation Systems

Electronic Systems & Equipment

Business activities related to computers, devices, uninterruptible power supplies (UPS), and other electronic systems and equipment.



Frantio® Platform Solution

