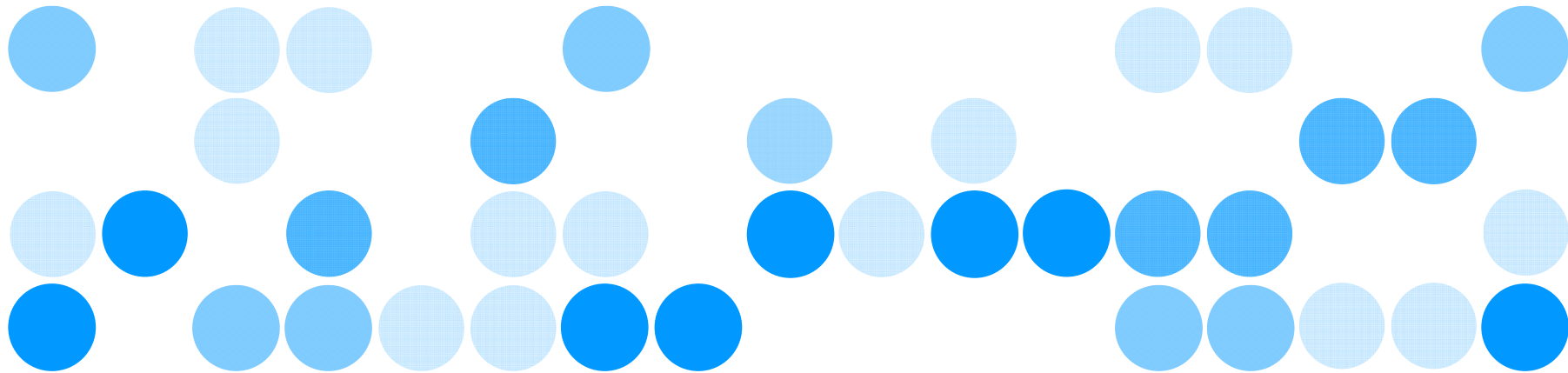




Sensing tomorrow™

Nomura Investment Forum 2010

Future Growth



November 29, 2010

OMRON Corporation

1

**Results for the Second Quarter Ended September 30, 2010
(FY10/Q2) and Full-year Forecast**

2

Future growth

Notes

1. The consolidated statements of Omron Corporation (the Company) are prepared in accordance with U.S. GAAP.
2. Projected results and future developments are based on information available to the Company at the current time, as well as certain assumptions judged by the Company to be reasonable. Various factors could cause actual results to differ materially from these projections. Major factors influencing Omron's actual results include, but are not limited to, (i) economic conditions affecting the Company's businesses in Japan and overseas, (ii) demand trends for the Company's products and services, (iii) the ability of the Company to develop new technologies and products, (iv) major changes in the fundraising environment, (v) tie-ups or cooperative relationships with other companies, and (vi) movements in currency exchange rates and stock markets..

1

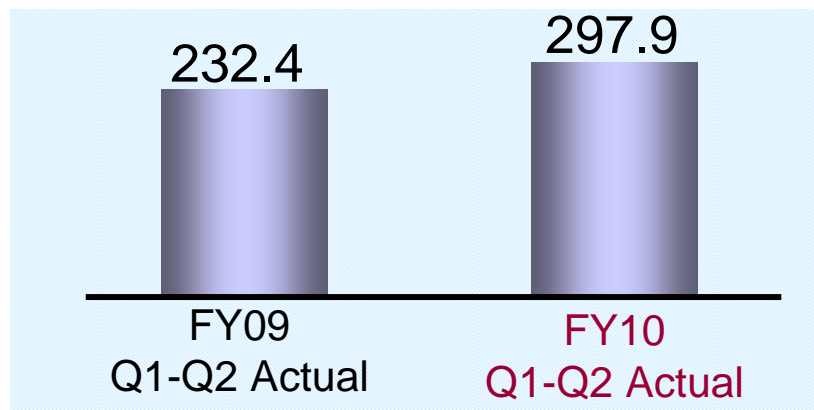
**Results for the Second Quarter Ended September 30, 2010
(FY10/Q2) and Full-year Forecast**

FY10 Q2 Results

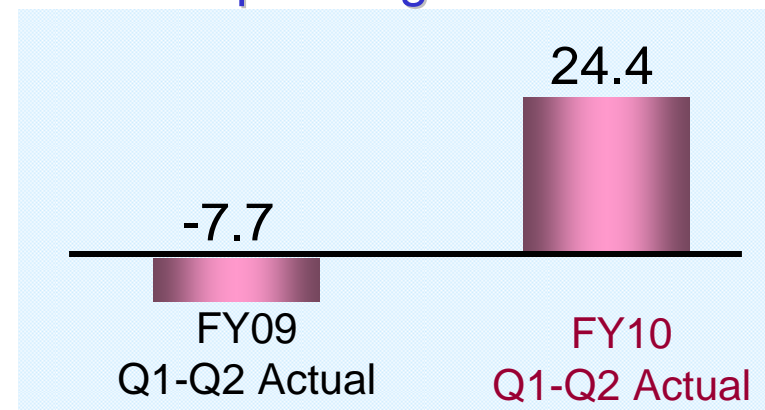
- Sales are almost in line with Jul 28 forecast. Results improved dramatically YoY reflecting the recovery of economic conditions.
- Improvement in operating income owing to efficient management of fixed costs, compared with Jul 28 forecast.

(Billions of yen)

< Net Sales >



< Operating Income >



<Q1-Q2

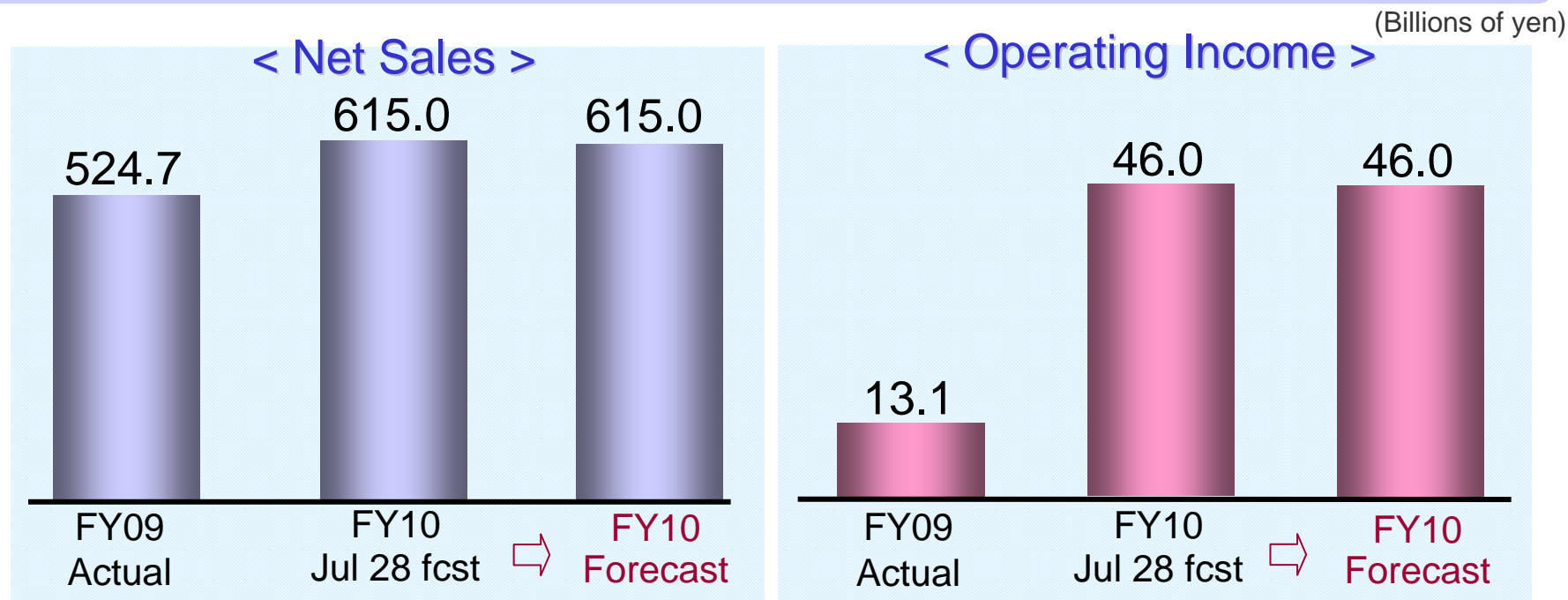
Total P/L (cumulative)

Total PL>

	FY10 Q1-Q2 Result	FY09 Q1-Q2 Result	YoY
Net Sales	297.9	232.4	+28.2%
Operating Income	24.4	-7.7	-
NIBT	23.5	-9.6	-
Net income (attributable to shareholders)	15.0	-6.9	-

Projected Results for FY10 Full Year

➤ Both sales and OP at the same level as Jul 28 forecast



Total P/L	FY10 Forecast	FY09 Actual	FY10 Jul 28 fcst	YoY	vs. Jul 28 fcst
Net Sales	615.0	524.7	615.0	+17.2%	+0.0%
Operating Income	46.0	13.1	46.0	+251.8%	+0.0%
NIBT	44.5	10.2	44.5	+336.5%	+0.0%
Net income (attributable to shareholders)	29.5	3.5	29.5	+738.5%	+0.0%

**Added value ratio
Improvement**

Investments

**Fixed
manufacturing costs**

Inventory

Expenses

Top global products

Work-life balance

IT management



2 **Future Growth**

<Key factors for future growth>

(Existing business)

Business growth in emerging economies

+

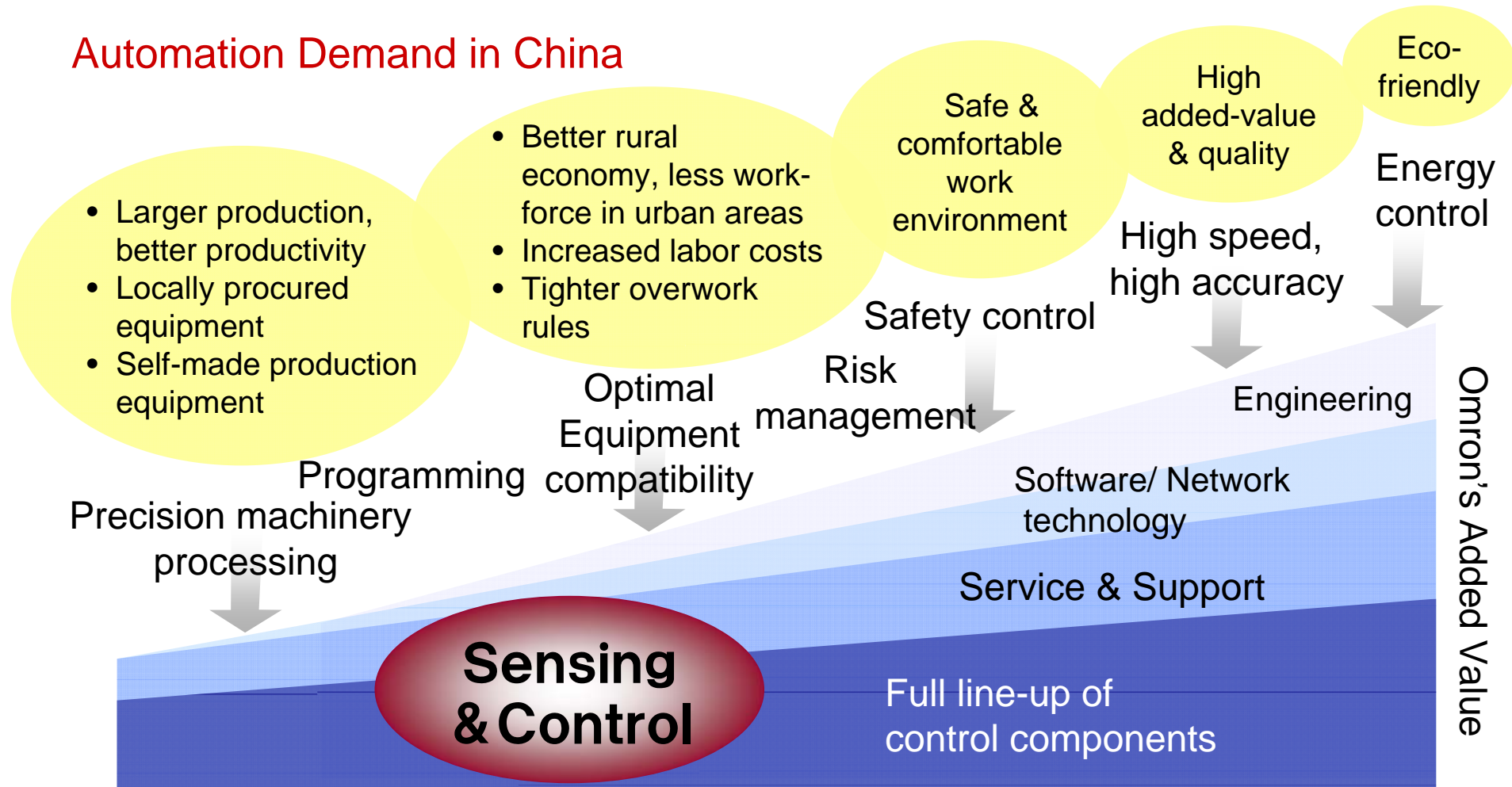
(New business)

New businesses to meet social needs

【Existing Business】 Accelerated Automation in China

- Higher and more diverse demand for factory automation in the transforming Chinese market environment.

Automation Demand in China



【Existing Business】 IAB's Advantages in the Greater China Area

➤ IAB has constructed technical service networks and supply chains to support customers around the Greater China area.

- ◆ Manufacturing / R&D (OMS) ■: Shanghai
- ◆ Sales ● : 6 branch offices (Shanghai, Guangzhou, Beijing, Dalian, Xian, Wuhan)
35 sales office (including Taiwan)
- ◆ Logistics ▲ : 5 sites (Tianjin, Shanghai, Guangzhou, Hong Kong, Taipei)
- ◆ Customer Support Center (CSC) ■ : Shanghai
- ◆ SE Center ★ : 16 sites (Shanghai, Beijing, Guangzhou, and other 13 sites)
- ◆ Distributors : More than 100



➤ Key Words

1. Automation, standardization, and quality stabilization of common assembly processes
2. Best matching of machines to people
3. Non full-auto: Cost effective, partly automated production lines



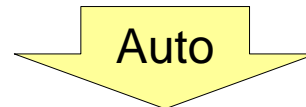
Manual screwing



Less workforce



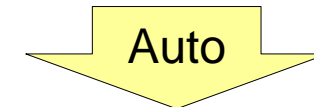
Manual parts insertion



Less workforce



Manual soldering



More stable quality
(Requiring less skills)

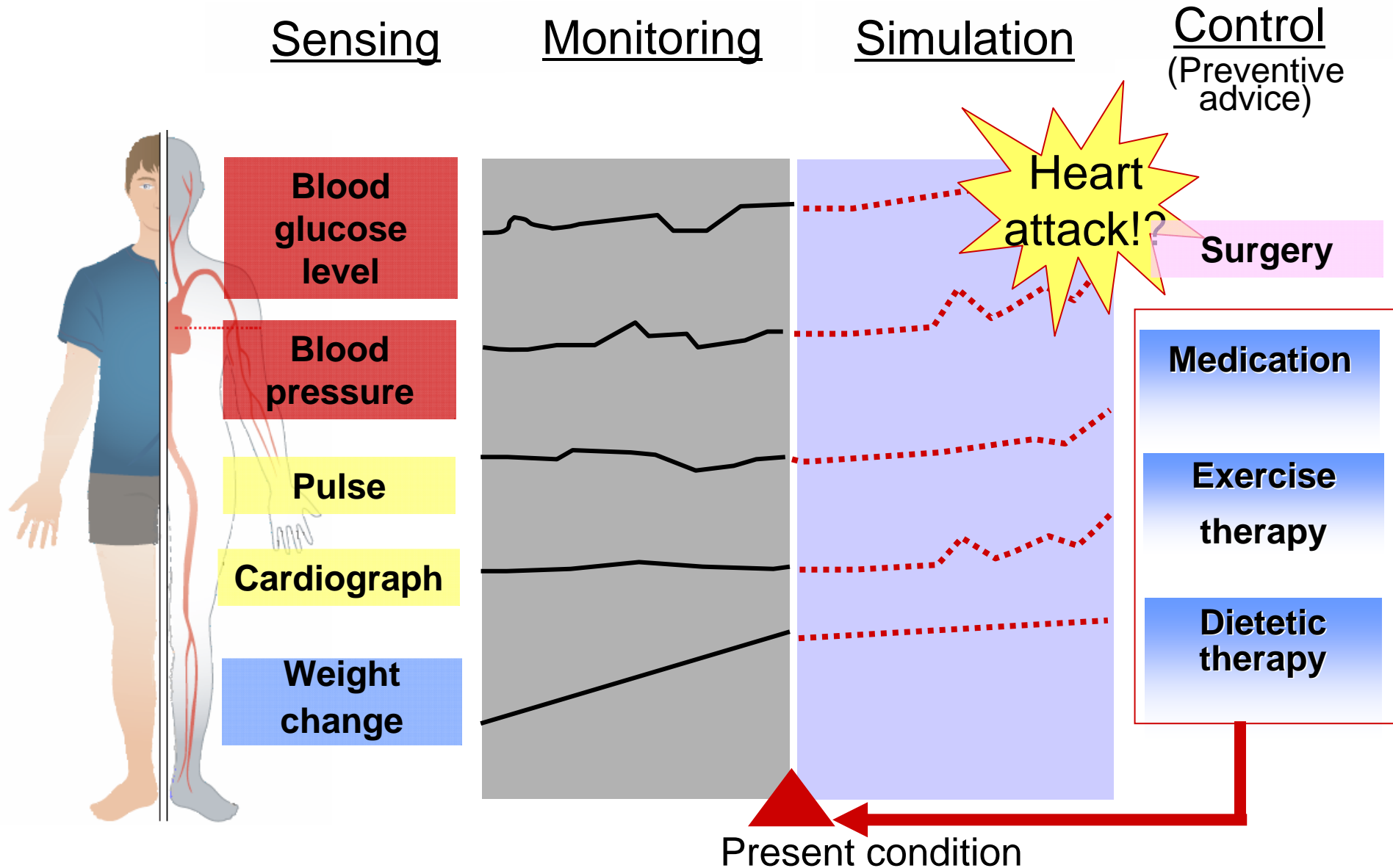
< Expand production capability >

Expand production volume

Improve productivity / yield ratio

→ Continuously strive to perfect
productive capability & quality

【New Business】 Health Status Sensing

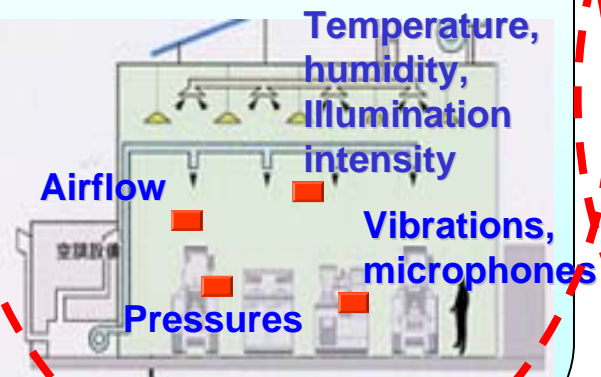


Industry

Environmentally
conscious cost reductions



Sensing & monitoring
of equipments conditions
in production sites



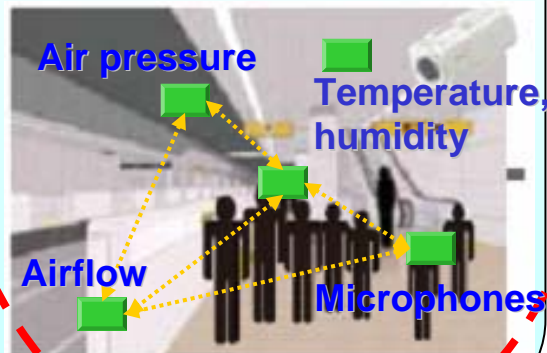
IAB

Society

Safety
and security



Safety & security,
comfort, train station
environment



SSB

Lifestyle

Security, Comfort,
Healthcare



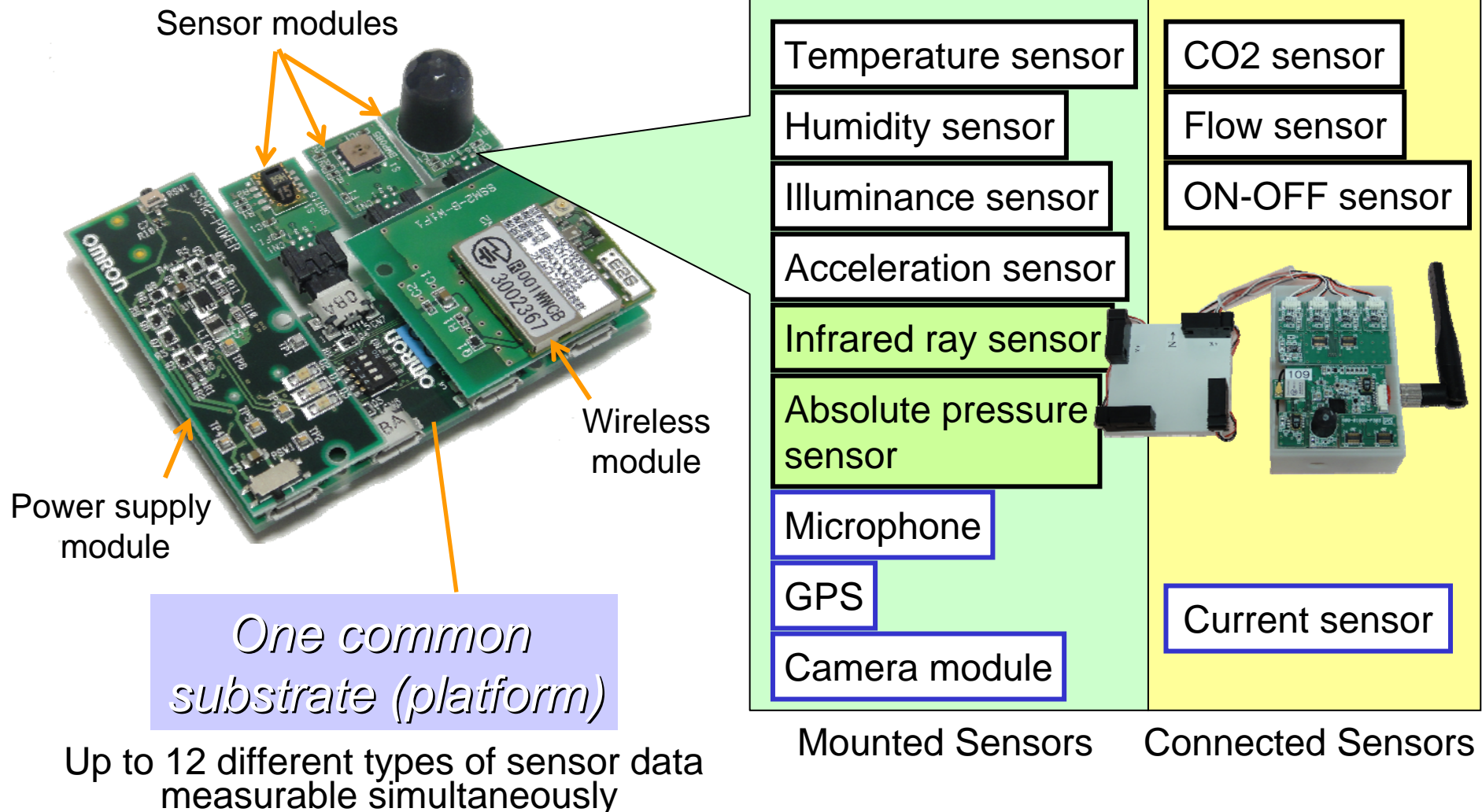
Home security,
nursing & personal care,
safety confirmation



HCB and others

- Miniaturization
- Wireless communication with controllers
- Lack of need for external electricity source
- Communication networks
- Low cost

Development of platform with sensor modules



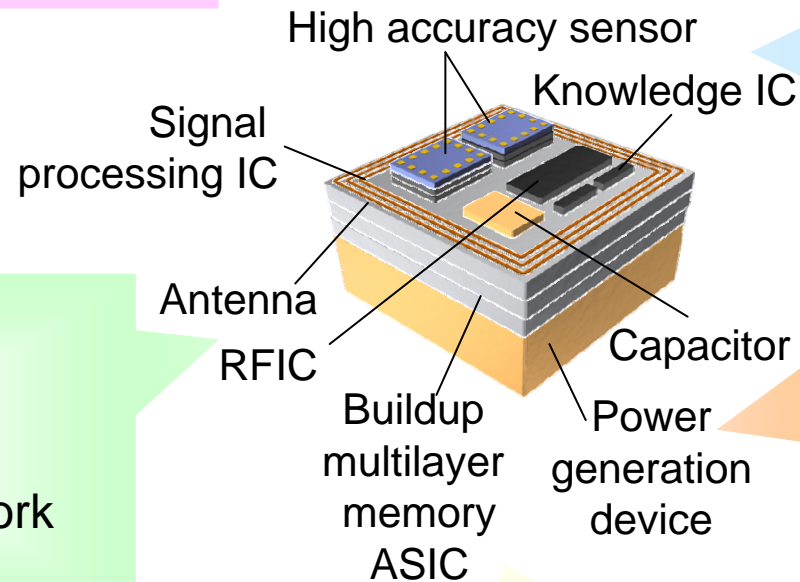
【New Business】 Smart Sensing Module

Sensing Technology

- MEMS/NEMS
- Specialized nano-thin film

Control Technology

- Feature extraction
- Inference learning
- Knowledge information control



Wireless Communication Technology

- Ubiquitous network
- Zigbee, RFID

Energy Technology

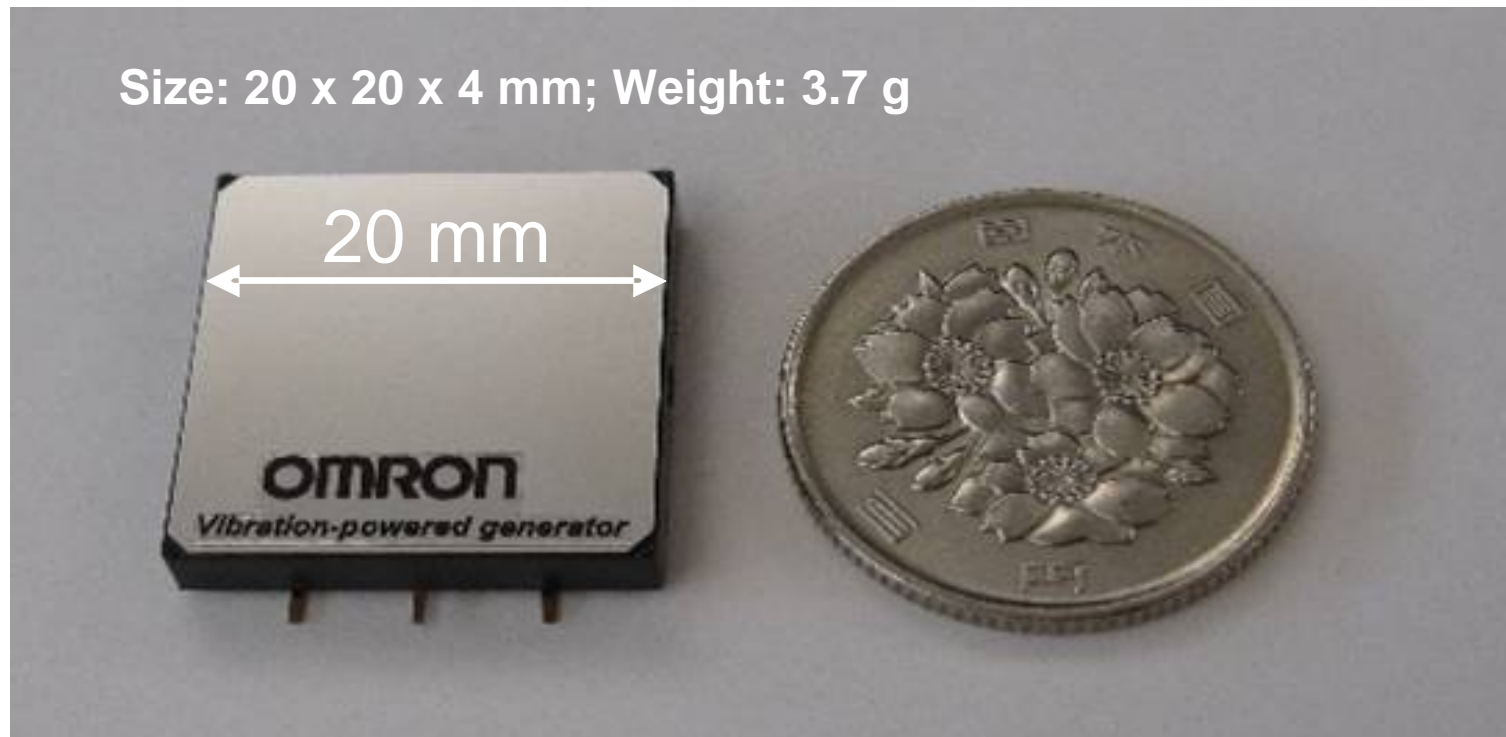
- Compact and environment-based power generation
- Mass electricity accumulation

Integration Technology

- Si penetration wiring (MEMS/MOS)
- Wafer-level package
- MEMS/MOS vertical integration

【New Business】 Vibration-driven Energy Generator

- Smaller and lighter: Wider application possibilities
- Thinner: Enable easier production line monitoring
- Lighter: Less effect on vibrating sources

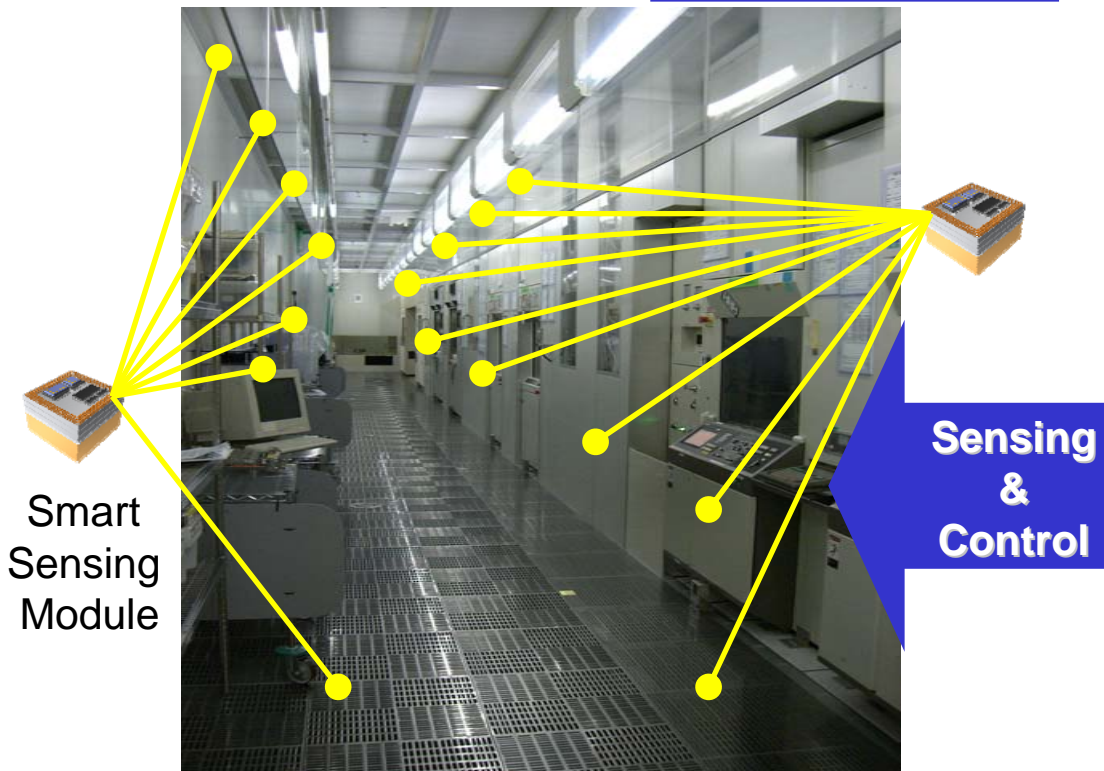
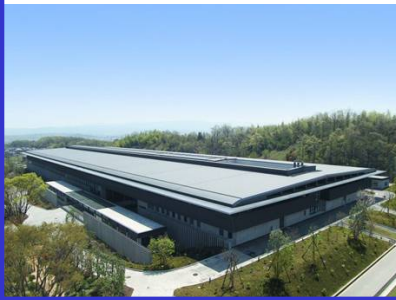


【New business】 New technology : SSM and experimental study Sensing tomorrow™

Yasu Factory
(manufacturing semiconductors)



Keihanna Innovation Center



Real Time Monitor



Parameters : Temperature and relative humidity, airflow, vibration, human detection, air particles, currents, carbon dioxide levels, etc.

Cost-cutting effect
(Power bill savings)
¥4mil / year
(Keihanna Innovation Center)



Acoustic sensor on a pump



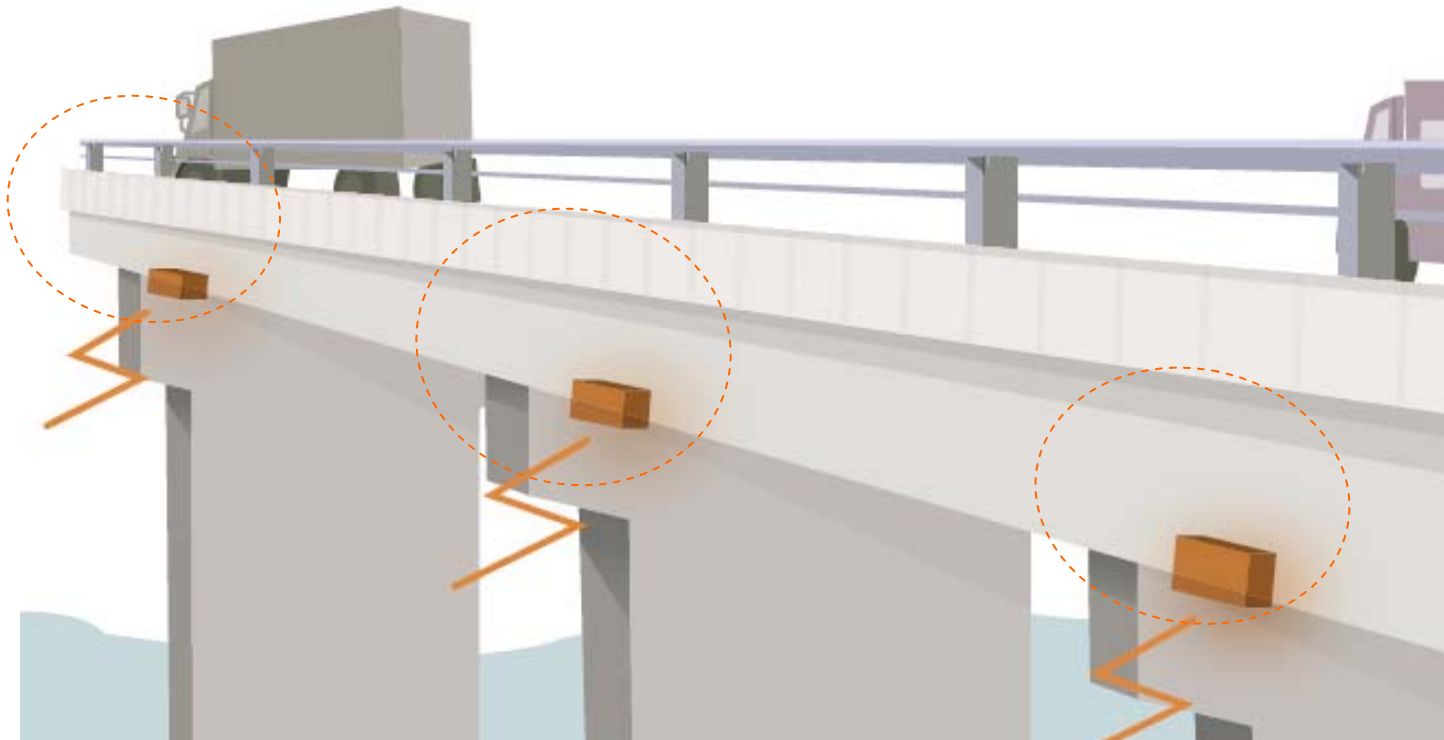
Acoustic & acceleration sensors
on a pump



A temperature and relative humidity sensor
on an exhaust air duct

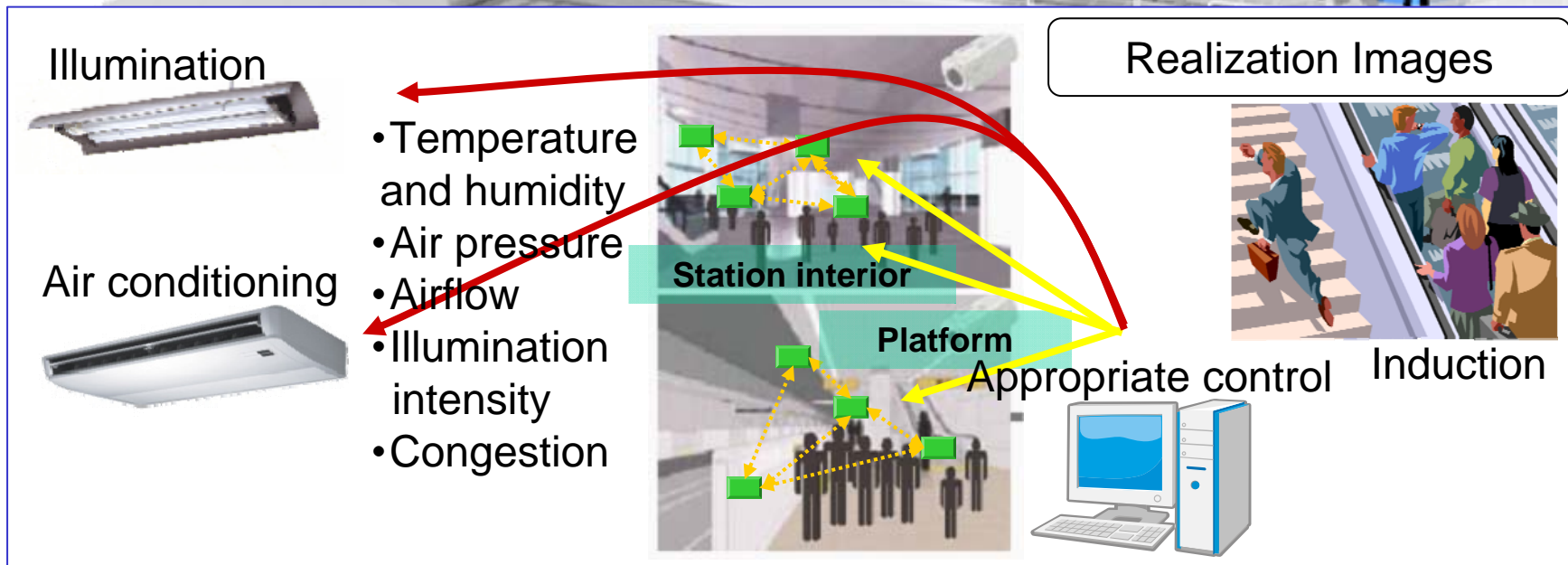
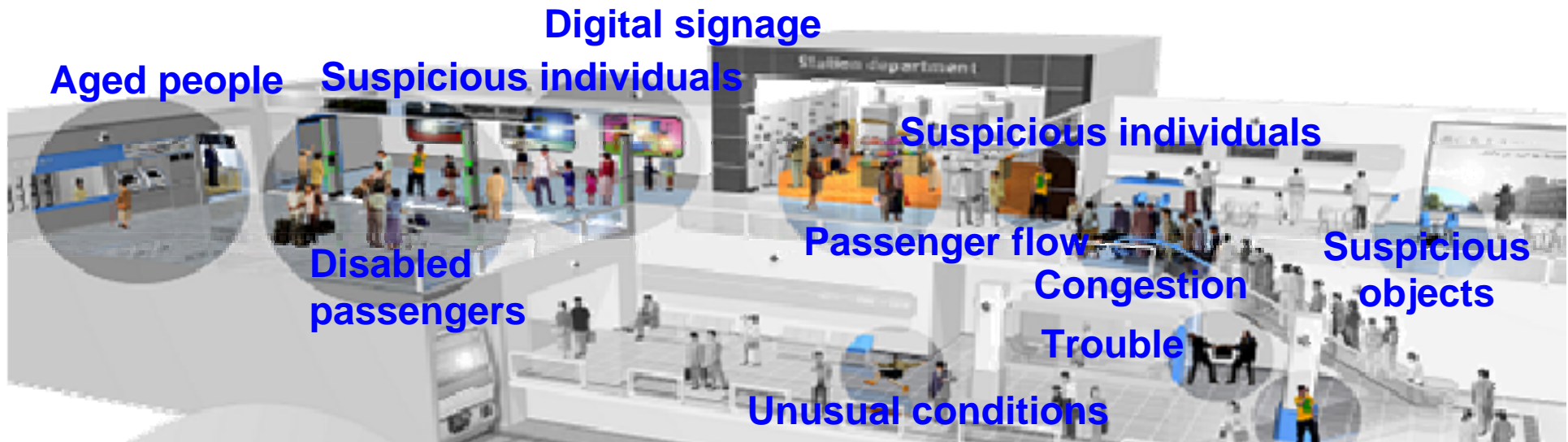
【New Business】 One Application for MEMS (Bridge Safety Monitoring)

Experimental study on a bridge on a freeway in the Kanto district of Japan.



- Vibration sources : Vibration of bridge
- Sensors : Temperature, vibration, and weight
- Communications : RFID, ucode, ZigBee

【New Business】 Railway Station Solution



“Shaping Our Sense of Security”
with Sensing and Control Technology



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