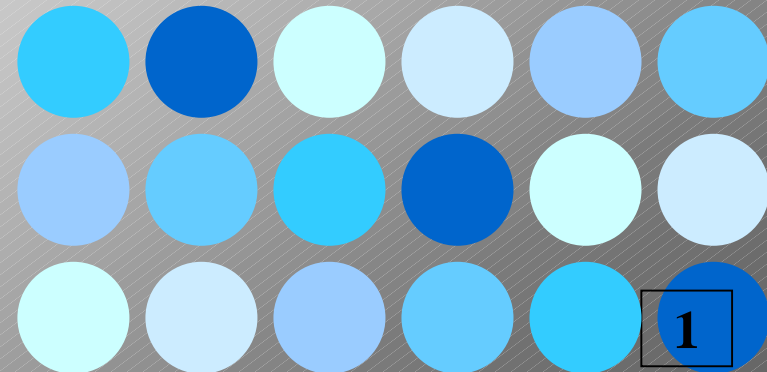


# Financial Results for the 1<sup>st</sup> Half Ended September 30, 2004

October 29, 2004

**OMRON Corporation**



# Contents

1. **Results for the Six Months Ended September 30, 2004**
2. **Forecast for the Six Months and 12 Months Ending March 31, 2005**
3. **Progress of the New Medium-Term Management Plan**
4. **Corporate Pensions: Present and Future**
5. **Aiming for the Best Match Between Humans and Machines**  
**- OMRON'S Future Direction -**

**Notes:**

1. **The financial statements are prepared in accordance with U.S. GAAP.**
2. **Includes 140 consolidated subsidiaries and 12 affiliated companies accounted for by the equity method.**
3. **Projections of results and future developments are based on information available to the Company at the present 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) the economic conditions surrounding the Company's businesses in Japan and overseas, (ii) demand trends for the Company's products and services, (iii) the ability of the Omron Group to develop new technologies and new products, (iv) major changes in the fund-raising environment, (v) tie-ups or cooperative relationships with other companies, and (vi) movements in currency exchange rates and stock markets.**

# Main Business Areas

<b>Business</b>	<b>Business Name</b>	<b>Abbreviation</b>	<b>Business Description</b>
<b>Industrial Automation</b>	<b>Industrial Automation Business</b>	<b>IAB</b>	Manufacture and sale of control components for factory automation, etc.
<b>Electronic Components</b>	<b>Electronic Components Business</b>	<b>ECB</b>	Manufacture and sale of electronics components for home appliances, communications, mobile devices, etc.
<b>Automotive Electronics</b>	<b>Automotive Electronic Components Business</b>	<b>AEC</b>	Manufacture and sale of electronic components for automobiles
<b>Social Systems</b>	<b>Social Systems Business</b>	<b>SSB</b>	Manufacture, sale and services for fund transfer (ATMs, etc.), public transportation (automated passenger gates, etc.) and traffic and road management systems
<b>Healthcare Equipment</b>	<b>Healthcare Business</b>	<b>HCB</b>	Manufacture and sale of medical devices (digital blood pressure monitors, etc.)
<b>Others</b>	<b>Business Development Group/Others</b>	<b>Others</b>	Exploration of new businesses, businesses not included in above

# **1. Financial Results for the Six Months Ended September 30, 2004**

**Net sales ¥302.3B (112% YOY change), operating income ¥31.2B (145% YOY change), both in line with our previous forecasts\***

Income Statements		(Billions of Yen)			
	6 months ended 09/2003 Actual (1)	6 months ended 09/2004 Actual (2)	Change from last year (2)/(1)	6 months ended 09/2004 Previous forecasts*(3)	Change from previous forecasts* (2)/(3)
Net sales	270.2	302.3	111.9%	300.0	100.8%
Gross profit	113.0	127.3	112.7%	126.0	101.0%
SG&A expenses	71.0	71.9	101.3%	72.0	99.9%
R&D expenses	20.5	24.2	118.0%	23.0	105.2%
Operating income	21.5	31.2	144.8%	31.0	100.6%
NIBT	19.4	29.0	149.2%	27.0	107.4%
NIAT	7.7	16.4	213.5%	16.0	102.5%
<b>Exchange Rate</b>		<b>(Yen)</b>			
US\$	118.1	109.5	-8.6	107.0	2.5
EUR	133.3	132.8	-0.5	130.7	2.1

\*The previous forecasts were released on July 30, 2004.

Six Months ended  
September 30, 2004

## Breakdown of Sales by Region and Business

**High growth rate of about 10% YOY, strong in Japan and overseas; 115% YOY change in IAB and ECB segments**

(Billions of Yen)					
By Region	6 months ended 09/2003 Actual (1)	6 months ended 09/2004 Actual (2)	Change from last year (2)/(1)	6 months ended 09/2004 Previous forecasts*(3)	Change from previous forecasts* (2)/(3)
Japan	159.6	181.0	113.4%	181.0	100.0%
Overseas**	110.6	121.3	109.7%	119.0	101.9%
<b>Total</b>	<b>270.2</b>	<b>302.3</b>	<b>111.9%</b>	<b>300.0</b>	<b>100.8%</b>
** Overseas includes direct exports					
By Business	Actual (1)	Actual (2)	(2)/(1)	Previous forecasts*(3)	(2)/(3)
IAB	110.6	127.2	115.0%	125.5	101.4%
ECB	43.5	50.0	114.7%	50.0	100.0%
AEC	28.2	30.2	107.0%	30.0	100.7%
SSB	53.7	58.9	109.7%	58.5	100.7%
HCB	22.8	23.9	104.8%	24.5	97.6%
Others	11.4	12.1	106.8%	11.5	105.2%
<b>Total</b>	<b>270.2</b>	<b>302.3</b>	<b>111.9%</b>	<b>300.0</b>	<b>100.8%</b>

Six Months ended  
September 30, 2004

# Breakdown of Operating Income By Segments

**OMRON**  
Sensing tomorrow™

**IAB: strong contributor to increased income; SSB: increase from special demand of new bank note; tough conditions for AEC**

By Business	(Billions of Yen)				
	6 months ended 09/2003 Actual (1)	6 months ended 09/2004 Actual (2)	Change from last year (2)/(1)	6 months ended 09/2004 Previous forecasts*(3)	Change from previous forecasts* (2)/(3)
IAB	16.3	23.6	144.7%	24.3	97.2%
ECB	7.5	8.3	110.5%	8.2	101.2%
AEC	0.4	-0.7	-193.5%	0.1	-710.0%
SSB	0.9	3.7	428.9%	1.7	220.0%
HCB	3.8	3.0	78.7%	4.4	68.2%
Others	1.9	2.0	106.4%	1.3	156.3%
HQ Cost/Elimination	-9.2	-8.8	95.6%	-9.0	98.1%
<b>Total</b>	<b>21.5</b>	<b>31.2</b>	<b>144.9%</b>	<b>31.0</b>	<b>100.5%</b>

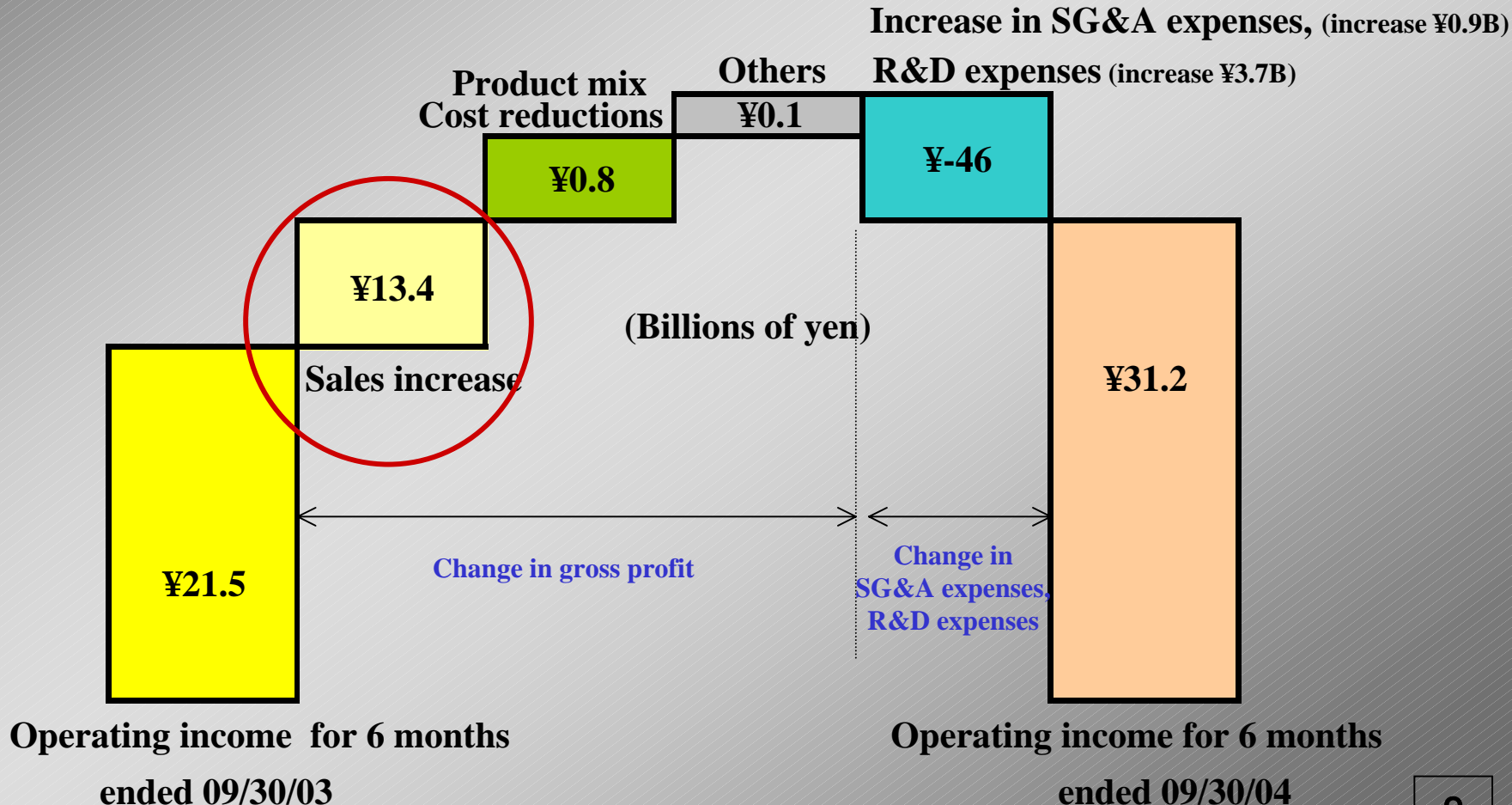
\*The previous forecasts were released on July 30, 2004.



Six Months ended  
September 30, 2004

# Breakdown of Changes in Operating Income

**Sales growth the major factor in gross profit increase  
¥9.7B YOY increase in operating income after  
substantial increase in R&D expenses**





Six Months ended  
September 30, 2004

# Consolidated Balance Sheet Summary

**OMRON**  
Sensing tomorrow™

**Redemption of approx. ¥30B in convertible bonds in Sept.  
reduced cash and cash equivalents and bank loans**

Consolidated Balance Sheet	(Billions of Yen)		
	As of 09/30/2003 (Actual)	As of 03/31/2004 (Actual)	As of 09/30/2004 (Actual)
<b>Total Assets</b>	552.5	592.3	571.2
Cash and cash equivalents	79.3	95.1	77.5
Notes and A/C receivable	97.4	122.1	113.9
<b>Inventories</b>	77.1	70.3	82.3
<b>Other current assets</b>	23.9	28.8	26.8
<b>Fixed assets</b>	274.8	276.0	270.7
<b>Total Liabilities</b>	290.4	317.6	271.0
<b>Bank loans</b>	45.7	45.5	24.8
<b>Long-term debt</b>	11.4	11.2	0.8
<b>Other liabilities</b>	233.3	260.9	245.4
<b>Shareholders' equity</b>	262.1	274.7	300.3

Six Months ended  
September 30, 2004

# Consolidated Statements of Cash Flows Summary

**OMRON**  
Sensing tomorrow™

**Redemption of approx. ¥30B in convertible bonds in Sept reduced cash and cash equivalents at end of period by about ¥17.6B**

Consolidated Cash Flows	(Billions of Yen)		
	6 months ended 09/2003 (Actual)	12 months ended 03/2004 (Actual)	6 months ended 09/2004 (Actual)
Net cash provided by operating activities	35.5	80.7	33.6
Net cash used in investing activities	-15.6	-34.5	-16.5
Net cash used in financing activities	-17.9	-28.1	-37.3
Effect of exchange rate changes	-2.7	-2.9	2.6
Net increase (decrease)	-0.7	15.1	-17.6
Cash and cash equivalents at end of the period	79.3	95.1	77.5

Six Months ended  
September 30, 2004

# Segment Information

## IAB (Industrial Automation Business)

Manufacture and sale of control systems and equipment  
for factory automation and production machinery

Industrial Components (Temperature Controllers, Relays, Switches, Timers, counters, etc.)  
System Components (Programmable Logic Controllers, Motion Controllers, etc.)  
Sensors (Photoelectric/Proximity Sensors, Base Inspection Systems, etc.)

**Net sales ¥127.2B, high growth in Japan and  
Greater China; operating income ratio 18.6%**

(Billions of Yen)

<b>IAB</b>	6 months ended 09/2003	6 months ended 09/2004	Change from last year
Sales	Actual (1)	Actual (2)	(2)/(1)
Japan	54.5	65.7	120.4%
Overseas	56.1	61.5	109.8%
North America	10.2	10.1	99.3%
Europe	29.4	32.4	110.0%
Asia	6.7	5.6	83.4%
China	9.5	11.3	118.6%
Exports	0.2	2.1	1372.5%
<b>Total</b>	<b>110.6</b>	<b>127.2</b>	<b>115.0%</b>
<b>Operating income</b>	<b>16.3</b>	<b>23.6</b>	<b>144.7%</b>

Figure of Korean Sales  
subsidiary moved to exports

Digital Panel Meter



Programmable Logic  
Controller



Base Inspection System



Six Months ended  
September 30, 2004

# Segment Information

## ECB (Electronic Components Business)

Manufacture and sale of electronic components  
for home appliances, communications, mobile phones, amusement components, OA

Relays, Switches, Connectors, Sensors, Micro Lens Arrays, Customized ICs,  
IC Coins, Optical Communications Devices, etc.

**Net sales ¥50.0B, operating income ratio 16.7%**  
**Strong sales of mobile devices in China and exports**

(Billions of Yen)

<b>ECB</b>	6 months ended 09/2003 Actual (1)	6 months ended 09/2004 Actual (2)	Change from last year (2)/(1)
Sales			
Japan	23.5	25.2	107.0%
Overseas	20.0	24.8	123.9%
North America	5.4	5.2	95.5%
Europe	5.0	5.9	117.7%
Asia	2.4	2.8	118.0%
China	4.4	5.7	131.3%
Exports	2.8	5.2	183.4%
<b>Total</b>	<b>43.5</b>	<b>50.0</b>	<b>114.7%</b>
Operating income	7.5	8.3	110.5%

FPC Controller



Optical switch



B-MLA



Six Months ended  
September 30, 2004

## Segment Information

**OMRON**

# AEC (Automotive Electronic Components Business) *Sensing tomorrow™*

Manufacture and sale of automotive electronic components

Automotive Relays, Sensors, Laser Radars, Power Window Switches,  
Keyless Entry Systems, ECU, etc.

**Net sales ¥30.2B, operating loss**  
**Slump in sales to a certain domestic customer,**  
**difficult situation in North America**

(Billions of yen)

AEC Sales	6 months ended 09/2003 Actual (1)	6 months ended 09/2004 Actual (2)	Change from last year (2)/(1)
Japan	11.7	12.6	108.1%
Overseas	16.5	17.6	106.3%
North America	10.6	10.1	94.8%
Europe	1.9	2.1	113.9%
Asia	3.9	5.3	135.5%
China	0	0	-
Exports	0.2	0.1	79.1%
<b>Total</b>	<b>28.2</b>	<b>30.2</b>	<b>107.3%</b>
<b>Operating income</b>	<b>0.4</b>	<b>-0.7</b>	<b>-</b>

Automotive Relay



Keyless Entry System



Automotive Laser Radar



Six Months ended  
September 30, 2004

# Segment Information

## SSB (Social Systems Business\*)

Manufacture and sale of equipment/modules, and provision of solutions and services to the fields of finance, public transportation and traffic/road management

Finance: ATMs, Cash Dispensers, Automated Bill Changers, etc.

Public Transportation : Passenger Gates, Ticket Venders, Fare Adjustment Systems, etc.

Traffic/Road Management: Signal Controllers, Road Management Devices, etc.

Automatic Gate



**Major increase in both sales and income due to special demand for new bank notes**

ATM



Traffic/Road Management System



(Billions of yen)			
SSB	6 months ended 09/2003	6 months ended 09/2004	Change from last year
Sales	Actual (1)	Actual (2)	(2)/(1)
Japan	48.3	54.2	112.0%
Overseas	5.4	4.7	88.9%
North America	0.1	0.1	78.7%
Europe	0.6	0.4	68.8%
Asia	0	0	-
China	0.1	0	-
Exports	4.4	4.3	95.9%
<b>Total</b>	<b>53.7</b>	<b>58.9</b>	<b>109.8%</b>
<b>Operating income</b>	<b>0.9</b>	<b>3.7</b>	<b>428.9%</b>

\* Includes the Social Systems Solutions and Service Business Company and the Advanced Module Business Company



Six Months ended  
September 30, 2004

# Segment Information

## HCB (Healthcare Business)

Manufacture and sale of home and professional healthcare equipment

Digital Blood Pressure Monitors, Digital Thermometers, Pedometers, Body Composition Analyzers (Body-fat Analyzers), Electronic Pulse Massagers, Chair Massagers, etc.

**Net sales ¥23.9B, operating income ratio 12.6%**  
**Solid sales of blood pressure monitors, body composition analyzers in Japan**

HCB	(Billions of yen)		
	6 months ended 09/2003 Actual (1)	6 months ended 09/2004 Actual (2)	Change from last year (2)/(1)
Sales			
Japan	10.4	11.4	109.5%
Overseas	12.4	12.5	100.7%
North America	6.7	6.8	101.4%
Europe	3.7	3.7	98.4%
Asia	0.7	0.7	111.3%
China	1.3	1.3	95.7%
Exports	0.1	0.1	104.8%
Total	22.8	23.9	104.8%
Operating income	3.8	3.0	78.7%

Blood Pressure Monitor



Body Composition Monitor



Nebulizer





## **2. Forecast for the Six Months and 12 months Ending March 31, 2005**

Six Months ending  
March 31, 2005

# Forecast of Consolidated Income Statements

**OMRON**  
Sensing tomorrow™

**Forecast: Net sales ¥312.7B, operating income ¥28.8B**  
**No major changes YOY or from the previous forecasts\***

Income Statements		(Billions of Yen)			
	6 months ended 03/2004  Actual (1)	6 months ending 03/2005  Forecasts (2)	Change from last year  (2)/(1)	6 months ending 03/2005 Previous forecasts*(3)	Change from previous forecasts*  (2)/(3)
Sales	314.7	312.7	99.4%	315.0	99.3%
Gross profit	127.1	126.7	99.7%	126.0	100.6%
SG&A	71.2	73.1	102.7%	72.0	101.5%
R&D expenses	26.0	24.8	95.3%	25.0	99.2%
Operating income	29.9	28.8	96.4%	29.0	99.3%
NIBT	28.6	27.0	94.6%	29.0	93.1%
NIAT	19.1	17.6	92.1%	18.0	97.8%
Exchange Rate		(Yen)			
US\$	108.3	110.0	1.7	105.0	5.0
EUR	131.0	130.0	-1.0	130.0	0.0

\*The previous forecasts were released on July 30, 2004.

Six Months ending  
March 31, 2005

# Sales Forecast by Region and Business

**OMRON**  
Sensing tomorrow™

**SSB sales to decrease YOY due to transfer of ATM business to JV,  
all other businesses to grow**

(Billions of yen)					
By Region	6 months ended 03/2004 Actual (1)	6 months ending 03/2005 Forecasts (2)	Change from last year (2)/(1)	6 months ending 03/2005 Previous forecasts*(3)	Change from previous forecasts* (2)/(3)
Japan	201.5	188.6	93.6%	192.5	98.0%
Overseas**	113.2	124.2	109.7%	122.5	101.3%
<b>Total</b>	<b>314.7</b>	<b>312.7</b>	<b>99.4%</b>	<b>315.0</b>	<b>99.3%</b>
**Overseas includes direct exports					
By Business	Actual (1)	Forecasts (2)	(2)/(1)	Previous forecasts*(3)	(2)/(3)
IAB	119.0	125.8	105.7%	124.0	101.4%
ECB	45.4	56.5	124.4%	58.5	96.6%
AEC	30.6	31.8	103.9%	32.0	99.3%
SSB	82.3	57.1	69.4%	56.5	101.1%
HCB	24.2	27.1	112.2%	27.0	100.4%
Other	13.1	14.4	109.6%	17.0	84.6%
<b>Total</b>	<b>314.7</b>	<b>312.7</b>	<b>99.4%</b>	<b>315.0</b>	<b>99.3%</b>

\*The previous forecasts were released on July 30, 2004.

Six Months ending  
March 31, 2005

# Forecast of Consolidated Operating Income

**OMRON**  
Sensing tomorrow™

**Consolidated operating income on target to meet previous projections  
IAB and ECB to maintain strong growth  
SSB to decrease due to peak-out of new bank notes related demand**

By Business	(Billions of yen)				
	6 months ended 03/2004 Actual (1)	6 months ending 03/2005 Forecasts (2)	Change from last year (2)/(1)	6 months ending 03/2005 Previous forecasts*(3)	Change from previous forecasts* (2)/(3)
IAB	17.9	20.9	116.9%	20.7	100.8%
ECB	7.1	8.7	122.0%	9.0	96.1%
AEC	0.7	1.0	150.7%	1.4	72.1%
SSB	9.5	2.8	29.1%	3.4	81.2%
HCB	3.3	5.0	149.4%	4.3	116.3%
Others	1.9	1.1	57.9%	2.0	54.2%
HQ Cost/Eliminations	-10.5	-10.6	100.9%	-11.8	89.5%
<b>Total</b>	<b>29.9</b>	<b>28.8</b>	<b>96.5%</b>	<b>29.0</b>	<b>99.3%</b>

\*The previous forecasts were released on July 30, 2004.

12 months ending  
March 31, 2005

# Forecast of Consolidated Income Statements

**OMRON**  
Sensing tomorrow™

**Sales, income both expected to set new records in line with  
previous projection**

**ROE=11.5%, EPS = ¥140 (forecast)**

Income Statements	(Billions of Yen)				
	12 months ended 03/2004 Actual (1)	12 months ending 03/2005 Forecasts (2)	Change from last year (2)/(1)	12 months ending 03/2005 Previous forecasts*(3)	Change from previous forecasts* (2)/(3)
Sales	584.9	615.0	105.1%	615.0	100.0%
Gross profit	240.1	254.0	105.8%	252.0	100.8%
SG&A	142.2	145.0	102.0%	144.0	100.7%
R&D expenses	46.5	49.0	105.4%	48.0	102.1%
Operating income	51.4	60.0	116.7%	60.0	100.0%
NIBT	48.0	56.0	116.7%	56.0	100.0%
NIAT	26.8	34.0	126.8%	34.0	100.0%
<b>ROE= 11.5%, EPS=¥142.81 (Forecast)</b>					
Exchange Rate	(Yen)				
US\$	113.4	109.8	-3.6	106.1	3.7
EUR	132.4	131.5	-0.9	130.3	1.2

\*The previous forecasts were released on July 30, 2004.

12 months ending  
March 31, 2005

# Sales Forecast by Region and Business

**OMRON**  
Sensing tomorrow™

**5.1% YOY sales growth**  
**Net sales growth will be approx. 7% excluding ATM's JV effect**

(Billions of yen)					
By Region	12 months ended 03/2004 Actual (1)	12 months ending 03/2005 Forecasts (2)	Change from last year (2)/(1)	12 months ending 03/2005 Previous forecasts*(3)	Change from previous forecasts* (2)/(3)
Japan	361.1	369.5	102.3%	373.5	98.9%
Overseas**	223.8	245.5	109.7%	241.5	101.7%
<b>Total</b>	<b>584.9</b>	<b>615.0</b>	<b>105.1%</b>	<b>615.0</b>	<b>100.0%</b>
**Overseas includes direct exports					
By Business	Actual (1)	Forecasts (2)	(2)/(1)	Previous forecasts*(3)	(2)/(3)
IAB	229.6	253.0	110.2%	249.5	101.4%
ECB	89.0	106.5	119.7%	108.5	98.2%
AEC	58.8	62.0	105.4%	62.0	100.0%
SSB	136.0	116.0	85.3%	115.0	100.9%
HCB	47.0	51.0	108.6%	51.5	99.0%
Other	24.5	26.5	108.3%	28.5	93.0%
<b>Total</b>	<b>584.9</b>	<b>615.0</b>	<b>105.1%</b>	<b>615.0</b>	<b>100.0%</b>

\*The previous forecasts were released on July 30, 2004.

12 months ending  
March 31, 2005

# Forecast of Consolidated Operating Income

**OMRON**  
Sensing tomorrow™

**IAB/ECB/HCB: double-digit growth / SSB: decrease due to peak-out of new Bank notes demand / AEC: Profitability recovery may delay**

By Business	(Billions of yen)				
	12 months ended 03/2004	12 months ending 03/2005	Change from last year	12 months ending 03/2005	Change from previous forecasts*
	Actual (1)	Forecasts (2)	(2)/(1)	Previous forecasts*(3)	(2)/(3)
IAB	34.2	44.5	130.2%	45.0	98.9%
ECB	14.6	17.0	116.1%	17.2	98.8%
AEC	1.0	0.3	28.9%	1.5	20.0%
SSB	10.4	6.5	62.7%	5.1	127.5%
HCB	7.2	8.0	111.7%	8.7	92.0%
Others	3.8	3.1	82.0%	3.3	93.7%
HQ Cost/Eliminations	-19.7	-19.4	98.4%	-20.8	93.2%
<b>Total</b>	<b>51.4</b>	<b>60.0</b>	<b>116.7%</b>	<b>60.0</b>	<b>100.0%</b>

\*The previous forecasts were released on July 30, 2004.



## **3 . Progress of the New Medium-Term Management Plan**

# Core Growth Areas to Achieve Plan Objectives

**New Technological Fields and Greater China Market  
Set as Core Growth Areas in Mid-Term Plan Announced in May 2004**

**Fiscal 2007 Management Objective  
“To Double Total Business Value”**

**Creating Business Value  
in New Technological Fields**

**One scenario:**

**Increase ¥50B sales in new technological fields**

which may be expected to grow over 20% annually  
with OMRON’s core technologies to  
**CREATE NEW BUSINESS VALUE**

**Increasing Business Value in  
Existing Fields, including Greater China**

**One scenario:**

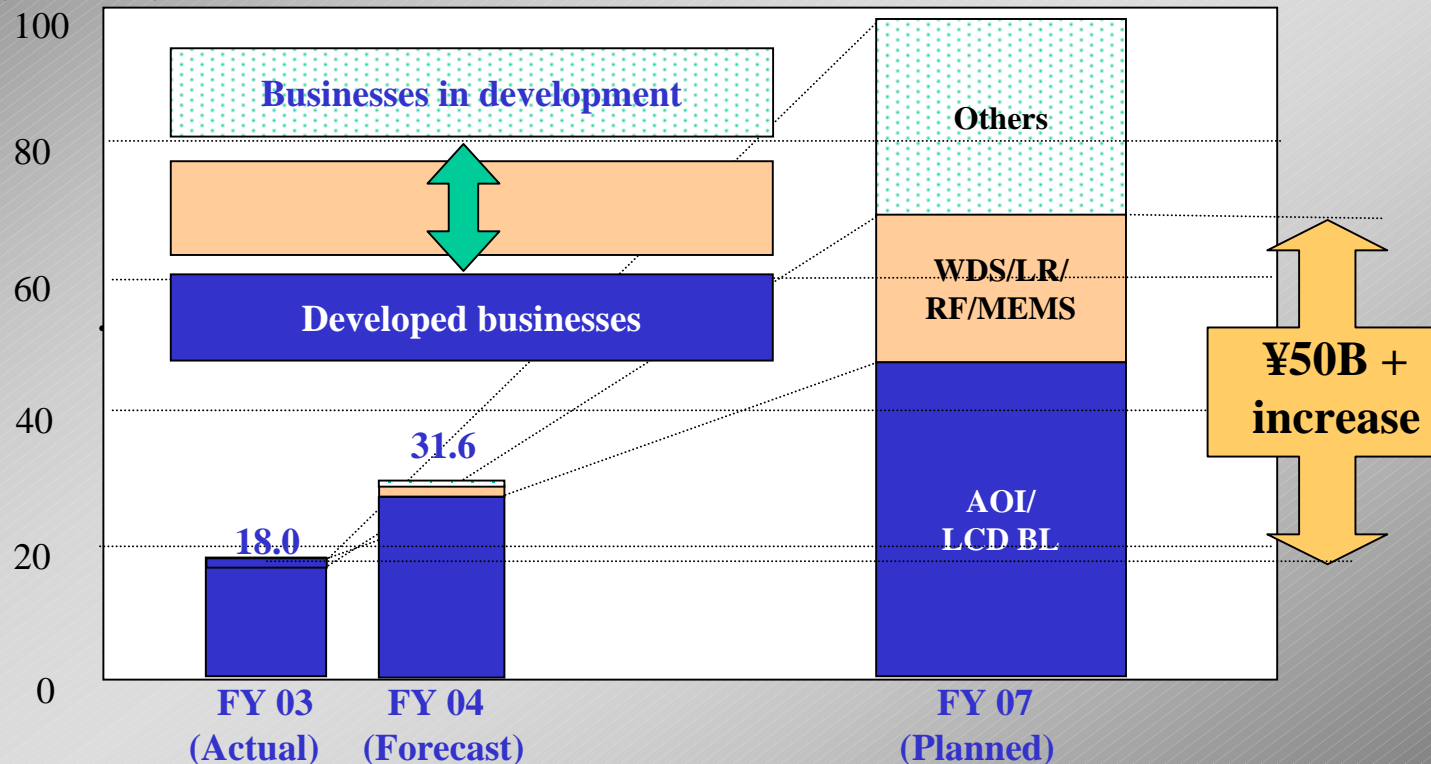
**Increase ¥100B sales in Greater China**

and strengthen PL structure of existing businesses  
(esp. improve SG&A and mfg. cost ratios) to  
**INCREASE BUSINESS VALUE**

# Core Growth Area 1: New Technological Fields

**Strong automated PCB inspection system and LCD backlight units  
in steady progress toward goal of ¥50B sales increase by FY 07**

(¥ Billions)



## New Technological Fields

**WDS: Waveform analysis, diagnosis and solution**

**LR: Laser radars for automobiles**

**RF: Passive keyless entry for automobiles**

**MEMS: Micro electro mechanical systems**

**AOI: Automated optical inspection**

**LCD BL: Liquid crystal backlight**

# Core Growth Area 2: Greater China Market

**FY 04 sales in Greater China forecast to grow 48%\***  
**Steady advance toward goal of ¥100B increase by FY 07**

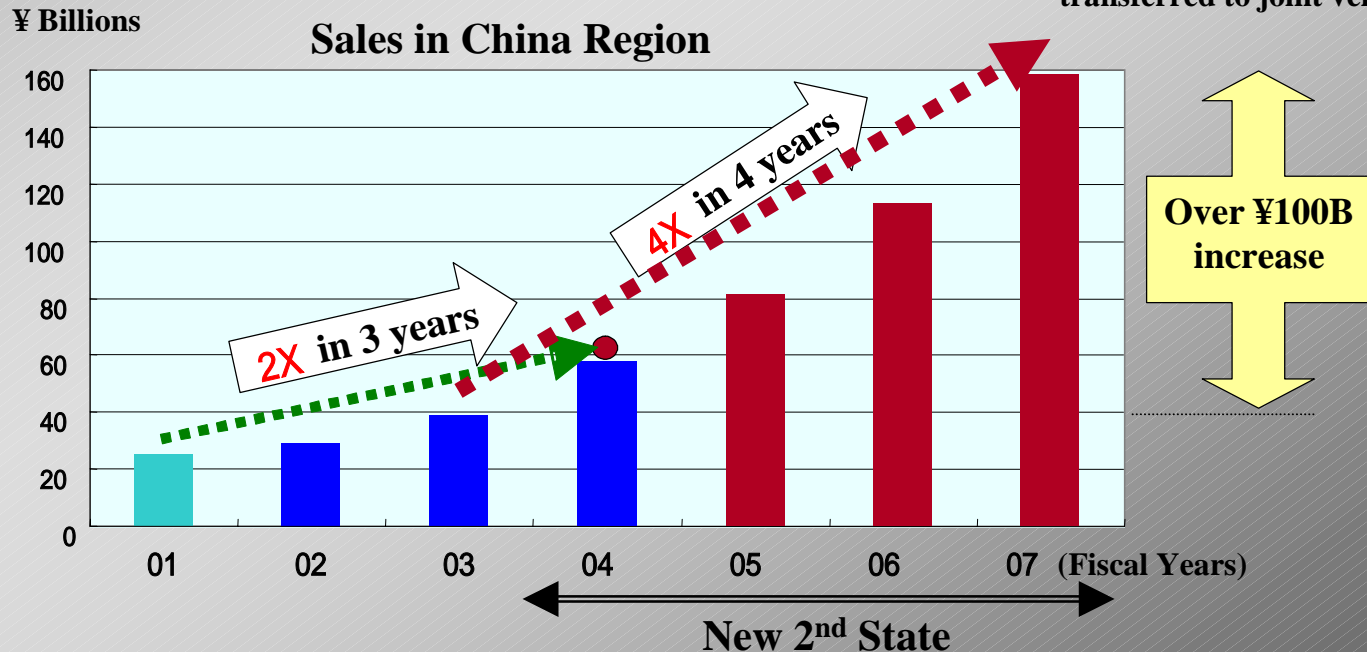
- (\*)
- US dollar basis
  - Excludes ATM business transferred to joint venture

FY 2003 (Actual)    FY 2007 (Estimated)

Net sales: ¥38.8B\*\*    →    ¥150.0B (over ¥100B increase)

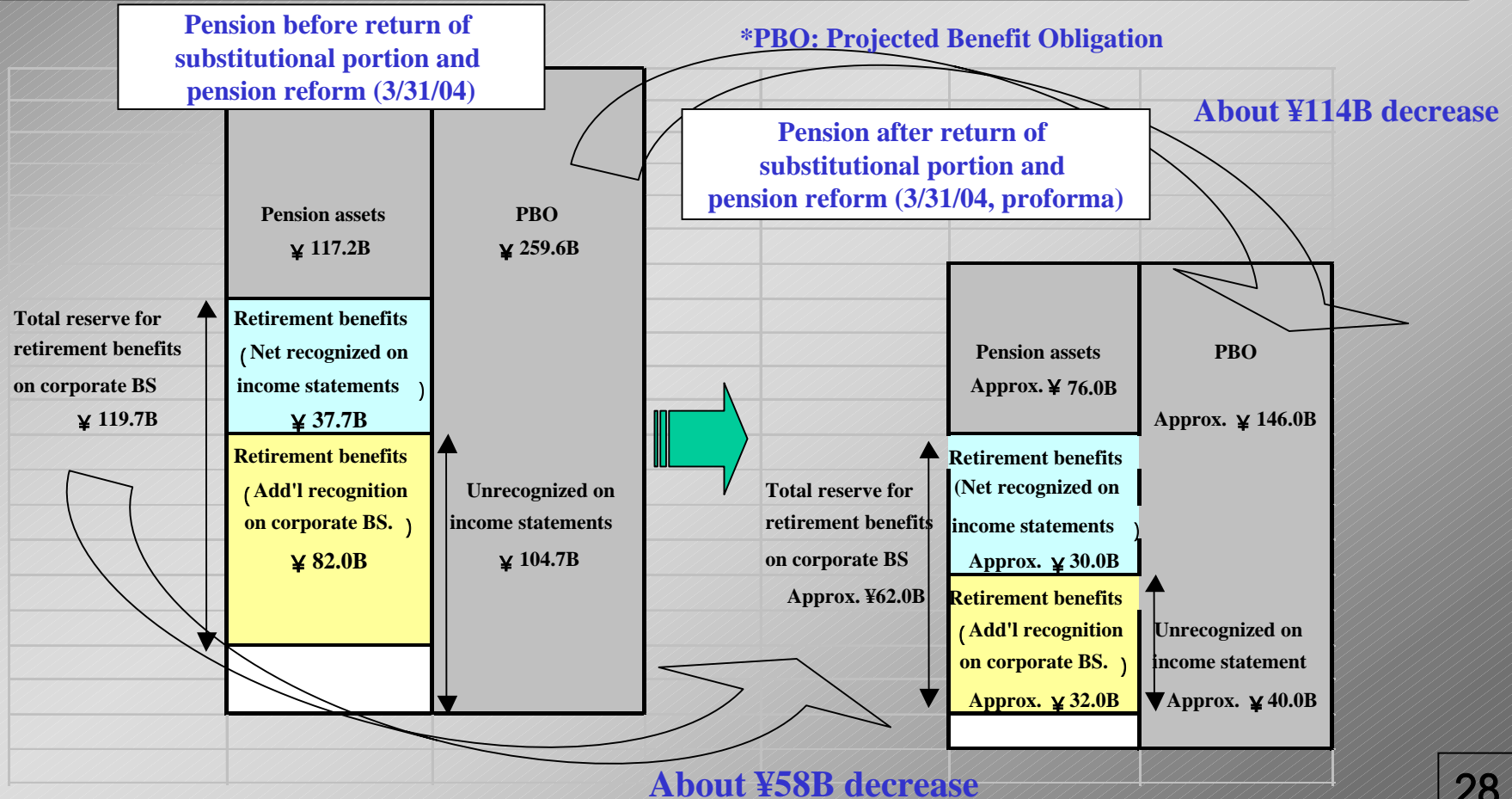
Investment:                      ¥30B

(\*\*) Includes ATM business transferred to joint venture



## **4. Corporate Pensions: Present and Future**

## Return of substitutional portion and pension reform projected to reduce PBO\* by ¥114B and pension liability on corporate BS by ¥58B



# **5. Aiming for the Best Match Between Humans and Machines OMRON'S Future Direction**



**Making machines more compatible with humans.  
That is “Best Matching of Humans and Machines.”**

Past

Humans adapt to machines

Change with  
Sensing and Control  
Technology

Future

Machines adapt to humans

Machine adjusting its functions and performance  
to the user’s ability level/gender/age

*“Best matching of Humans and Machines”*

**Social needs change as society changes.  
Omron will anticipate those changing needs.**

## Industrialization Society

**Needs to attain  
material wealth**

**Productivity**

**Efficiency**

**Examples:**

- Mass production/mass consumption
- Information as a means to compress time and distance

**Social change**

## Optimization Society

**Needs to attain  
spiritual comfort**

**Safety**

**Security**

**Environment**

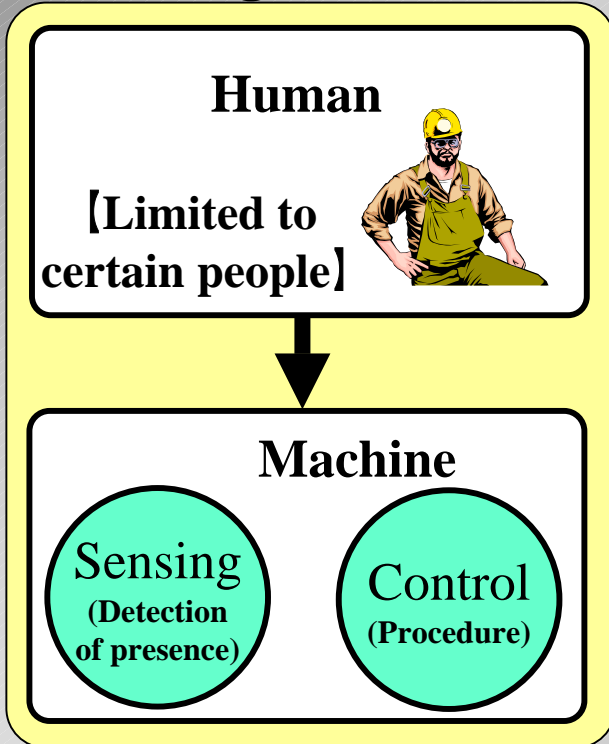
**Examples:**

- Safe, secure, healthy workplaces and homes
- Reduced consumption of energy and natural resources, environmental preservation

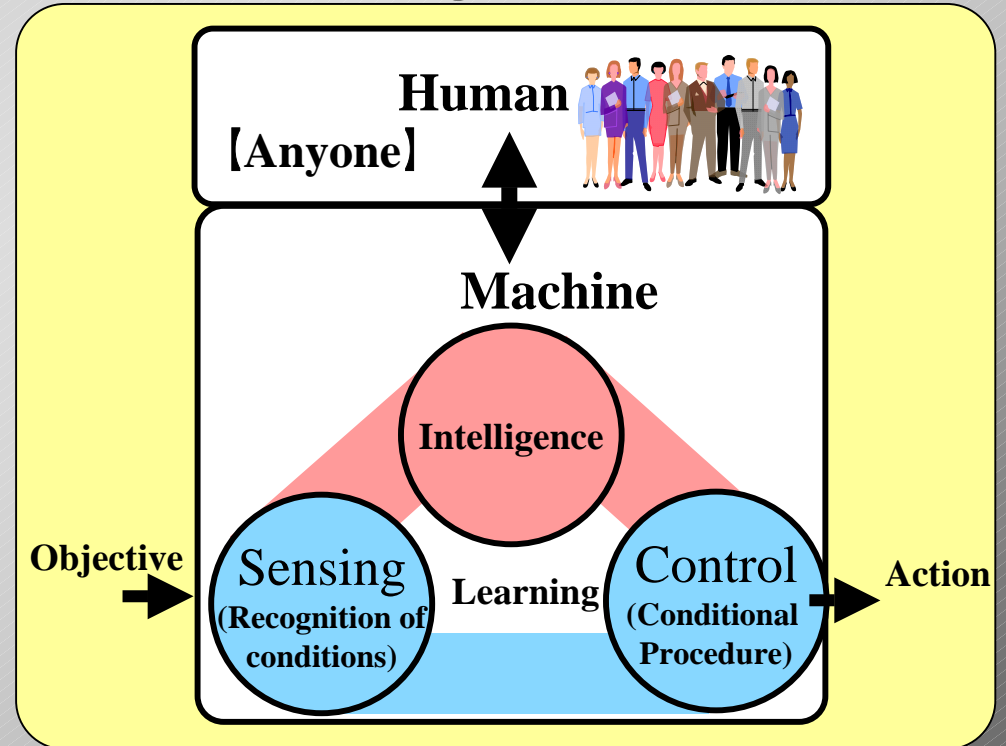
**Society's  
needs  
also  
change**

**With advanced Sensing & Control, Machine learns in lieu of humans to achieve the optimum action**

### Sensing + Control

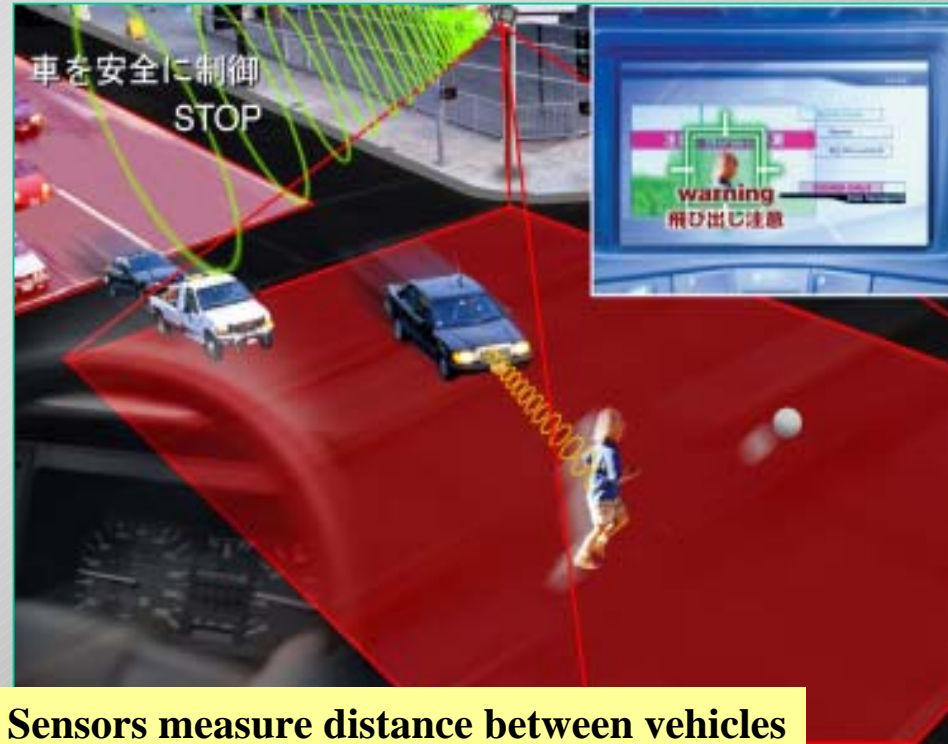
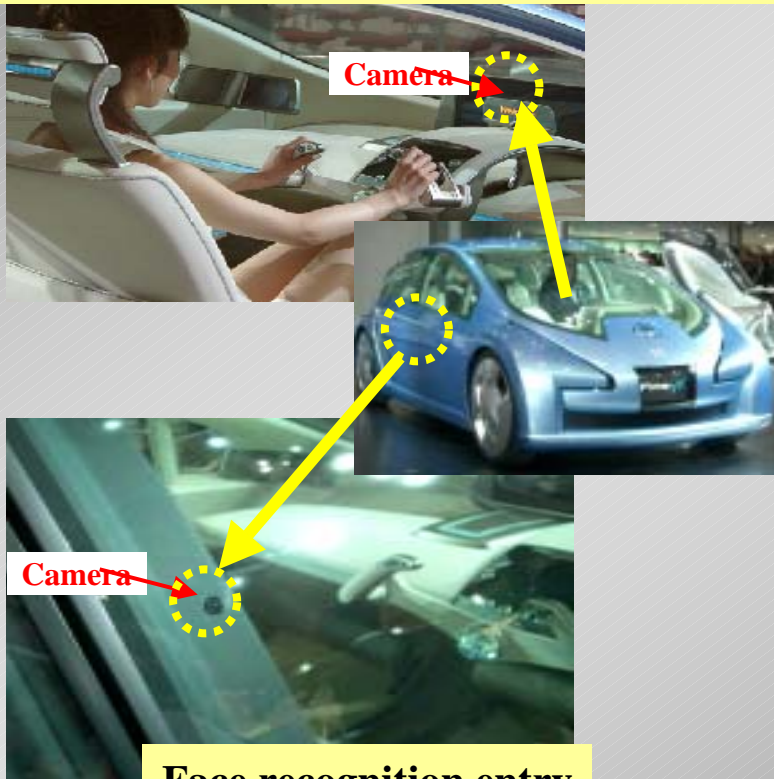


### Sensing & Control



## Biosensors, laser radars and HDRC support safer driving

- Optimizing individual driving environment
- Detects driver drowsiness or carelessness



Sensors measure distance between vehicles  
or detect obstructions

# Aiming for the Best Matching of Humans and Machines



# OMRON Corporation

