

# Japan Process Development Co., Ltd. Financial Results Briefing

Financial Results for the Second Quarter (Accumulated Period) of the Year Ending May 31, 2017



January 18, 2017



### 1. Consolidated Financial Results for the Second Quarter of the Year Ending May 31, 2017

## 2. Forecast for the Year Ending May 31, 2017

3. Progress of the 4th Medium-Term Business Plan



### 1. Consolidated Financial Results for the Second Quarter of the Year Ending May 31, 2017

# 2. Forecast for the Year Ending May 31, 2017

3. Progress of the 4th Medium-Term Business Plan

### Second Quarter of the Year Ending May 31, 2017 Outline of Consolidated Financial Results

JAPAN PROCESS DEVELOPMENT CO.,LTD.

Unit: Millions of ven

/ious ear
775
//5
247
8.9%)
269
9.7%)
175
5.3%)

#### Second Quarter of the Year Ending May 31, 2017 Overview of Consolidated Financial Results - 1 JAPAN PROCESS DEVELOPMENT CO., LTD.

trend of concentrated sa levels in model developr	- ¥365M YOY (- 13.2%) apany-wide YOY due to factors including a les in the second half, a return to normal ment for in-car information systems, and the velopment in Particular Information Systems			
Operating Income	- ¥118M YOY (- 48.1%)			
While operating income decreased due to the drop in net sales YOY, it was up against the plan thanks to factors including the early introduction of new employee and reduced outsourcing costs				
Ordinary Income	- ¥119M YOY (- 44.2%)			
Decreased due to r	educed operating income			
Net Income of the Quarter	- ¥78M YOY (- 44.7%)			
Decreased due to reduced Ordinary income				

Second Quarter of the Year Ending May 31, 2017 Overview of Consolidated Financial Results - 2

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#### [Major topics]

- Acceptance inspections of contracted development in Control Systems related to transportation and Particular Information Systems were concentrated during the second half
- The securing of resources and technology shifts in Automotive Systems didn't progress according to plans
- Entered the construction machinery IoT field and medical equipment development markets
- We have joined specialist associations and conventions (including security) and are continuously gathering information and implementing working group activities
- While focused investments were made in human resources for the acquisition of pioneering technology, etc, plans were not achieved

Second Quarter of the Year Ending May 31, 2017 Overview of Consolidated Financial Results - 3

[Major topics]

There are plans to continue donating approximately 1% of after-tax income to the

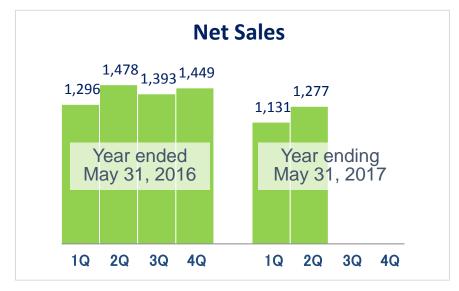
following two organizations as part of CSR efforts

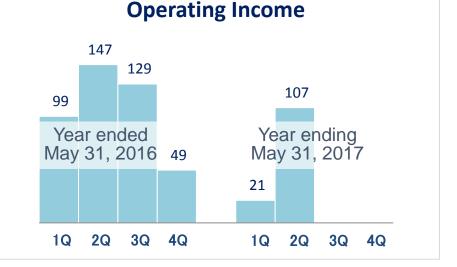
- The SBI Children's Hope Foundation
- Japan Center for Conflict Prevention
- Created framework for advance checks so that employees don't suffer from overwork, and strengthened coordination with industrial physicians
- Considering shifting from a one-member outside director structure to a two-member outside director structure (Two-member structure for independent officers)

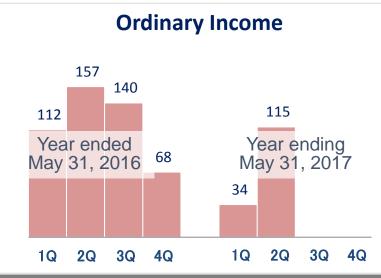
### **Overview of Consolidated Financial Results** (Performance Trend by Quarter)

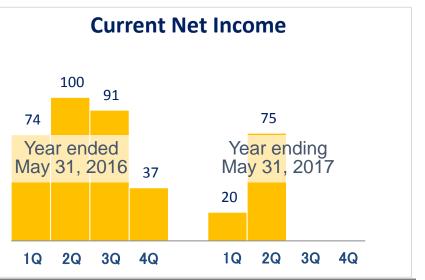
JAPAN PROCESS DEVELOPMENT CO.,LTD.

#### Unit: Millions of yen



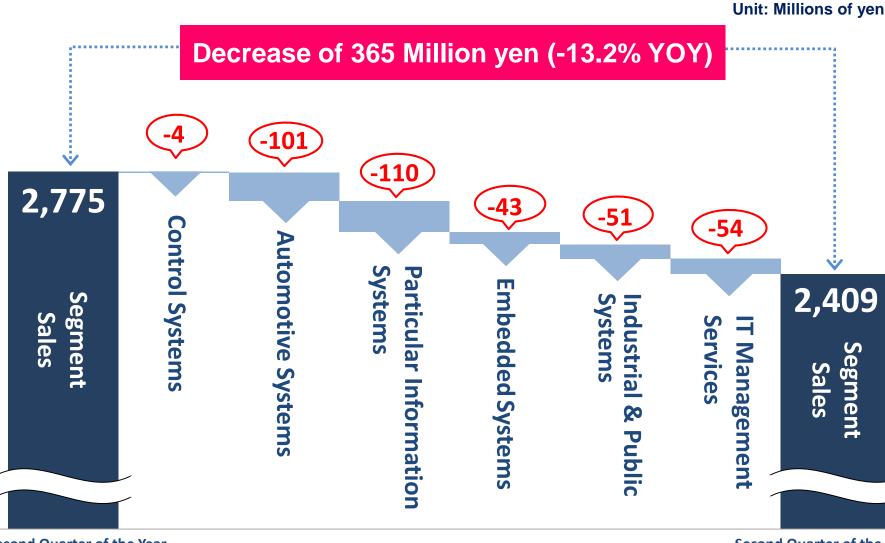






# Changes in sales by segment for the Second Quarter of the Year Ending May 31, 2017

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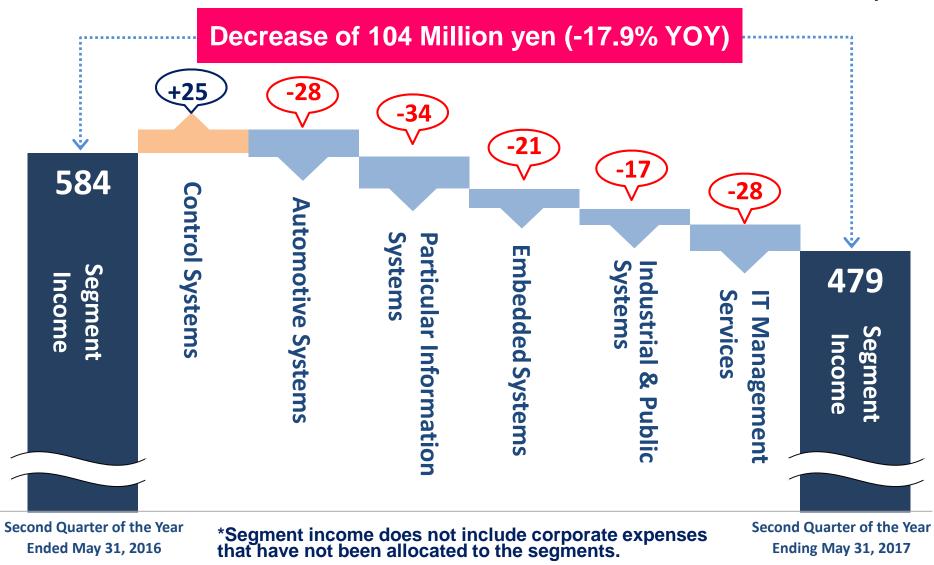


Second Quarter of the Year Ended May 31, 2016 Second Quarter of the Year Ending May 31, 2017

# Changes in profits by segment for the Second Quarter of the Year Ending May 31, 2017

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### (1) Segment information for the Second Quarter of the Year Ending May 31, 2017



### **Control Systems**

In energy-related systems, while there was less power plant monitoring control work, as work increased for wide area power systems, both sales and profits increased

In transportation-related systems, while there was an over-concentration of multiple projects in conventional line traffic management systems, sales decreased as acceptance inspections were concentrated starting from 3Q, and the income ratio recovered with progress in quality improvements

				Unit: Millions of yen
<b>Business Segment</b>		Second Quarter Year Ended May 31, 2016 (Income Ratio)	Second Quarter Year Ending May 31, 2017 (Income Ratio)	Change (Percentage of change)
Control Systems	Net Sales	394	389	-4 (-1.2%)
	Income	<b>71</b> (18.1%)	<b>97</b> (24.9%)	

\*Segment income does not include corporate expenses that have not been allocated to the segments.

### (2) Segment information for the Second Quarter of the Year Ending May 31, 2017



### Automotive Systems

- In in-car information systems, there was a significant decrease in model development as it returned to normal levels
- While there was progress in developing partners, more time than planned was required for employee technology shifts
- Expansion into new fields delayed due to customer circumstances, operating ratio worsened

				Unit: Millions of yen		
Business Segment		Second Quarter Year Ended May 31, 2016 (Income Ratio)	Second Quarter Year Ending May 31, 2017 (Income Ratio)	Change (Percentage of change)		
Automotive Systems	Net Sales	646	544	<b>-101</b> (-15.7%)		
	Income	<b>119</b> (18.6%)				
Comment income does not include comments evanances that have not been allocated to the comments						

\*Segment income does not include corporate expenses that have not been allocated to the segments.



### Particular Information Systems

- In risk management-related systems, acceptance inspections for
  - large-scale projects were concentrated from 3Q, and the structure
  - contracted as the development phase ended for some projects
- Geographical information will be unchanged
- Image analysis systems in the ADAS field performed strongly

				Unit: Millions of yen
Business Segment		Second Quarter Year Ended May 31, 2016 (Income Ratio)	Second Quarter Year Ending May 31, 2017 (Income Ratio)	Change (Percentage of change)
Particular Information	Net Sales	264	153	<b>-110</b> (-41.8%)
Systems	Income	<b>56</b> (21.3%)		-34 (-61.2%)

\*Segment income does not include corporate expenses that have not been allocated to the segments.

### (4) Segment information for the Second Quarter of the Year Ending May 31, 2017



### Embedded Systems

- Storage server structure contracted as work volume decreased
- In storage devices, while SSD for companies were strong, work volume decreased in HDD development
- Infrastructure system development in the ADAS field was strong
- New orders received for medical equipment development

*SSD: Solid State Drive HDD: Hard Disk Drive Unit: Millions of yen				
Business Segment	Second QuarterSecond QuarterYear EndedYear EndingMay 31, 2016May 31, 2017(Income Ratio)(Income Ratio)			Change (Percentage of change)
Embedded	Net Sales	323	279	<b>-43</b> (-13.4%)
Systems	Income	<b>74</b> (23.2%)		

Segment income does not include corporate expenses that have not been allocated to the segments.



### Industrial & Public Information Systems

- Station service equipment development and IC card development were strong
- Structure contracted for Quasi-Zenith Satellite System in the test phase
- Maintenance phase continued for sports related and convenience store related systems
- **Engineering services for railroad subsidiaries decreased**

				Unit: Millions of yen		
<b>Business Segment</b>		Second Quarter Year Ended May 31, 2016 (Income Ratio)	Second Quarter Year Ending May 31, 2017 (Income Ratio)	Change (Percentage of change)		
Industrial & Public	Net Sales	634	582	<b>-51</b> (-8.2%)		
Information Systems	Income	<b>159</b> (25.1%)				
Segment income does not include cornerate expenses that have not been allocated to the cogments						

\*Segment income does not include corporate expenses that have not been allocated to the segments.



### IT Management Services

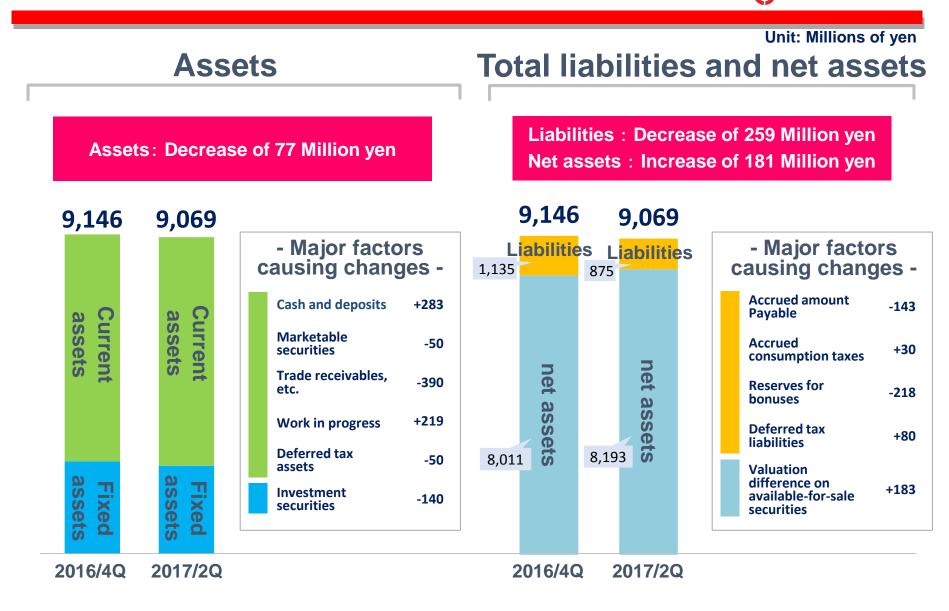
- Strategically moved from validation services to architecture services
- Strong areas in architecture services included JP1 architecture and monitoring automation
- The maintenance/operation services structure expanded with the peaking of renovation of in-house information systems
- Accounting systems contracted with the progress of internal production by customers

				Unit: Millions of yen	
Business Segment		Second Quarter Year Ended May 31, 2016 (Income Ratio)	Second Quarter Year Ending May 31, 2017 (Income Ratio)	Change (Percentage of change)	
IT Management	Net Sales	512	458	<b>-54</b> (-10.6%)	
Services	Income	<b>102</b> (20.0%)			
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\*Segment income does not include corporate expenses that have not been allocated to the segments.

# Consolidated financial statements JAPAN PROCESS

**DEVELOPMENT CO.,LTD.** 



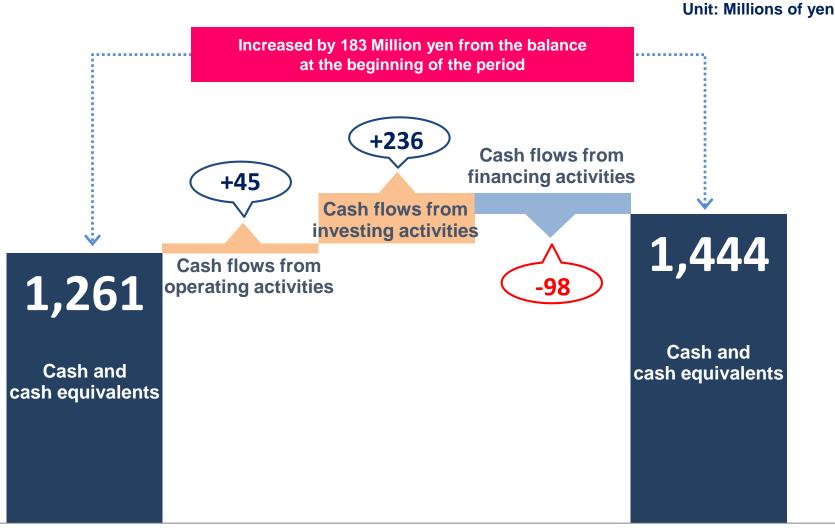
# **Financial Indicators (Other)**



	Year ended May 31, 2016	Second Quarter Year Ending May 31, 2017	<b>(Reference)</b> Second Quarter Year Ended May 31, 2016
Net Assets	¥8,011M	¥8,193M	¥7,958M
Net Assets per Share	¥1,627.58	¥1,664.48	¥1,616.81
Net Income per Share	¥61.94	¥19.68	¥35.55
Capital-to-assets Ratio	<b>87.6</b> %	90.3%	<b>90.4</b> %
Treasury Shares	822,634 <sub>shares</sub>	822,634shares	822,634 <sub>shares</sub>
No. of employees	550	533	545

### Second Quarter of the Year Ending May 31, 2017 Consolidated Cash Flows

JAPAN PROCESS DEVELOPMENT CO.,LTD.



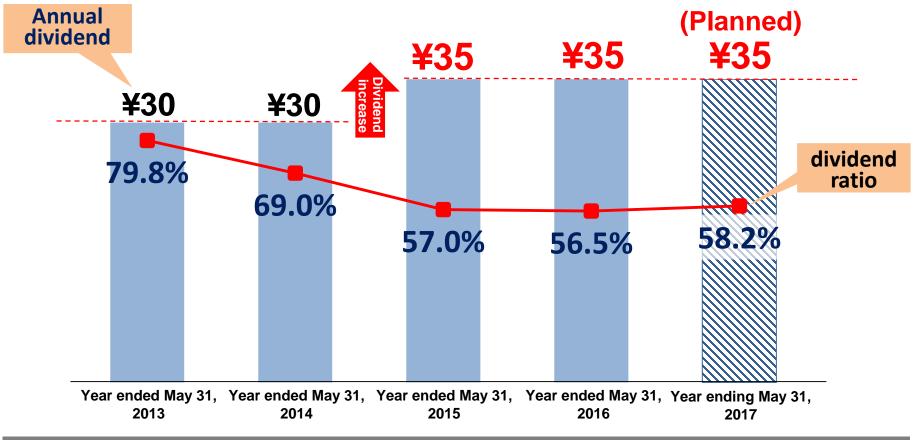
At beginning of period

At end of the Second quarter



# **Dividend Policy**

(1) Continuation of stable dividends (2) Target of 50% or higher dividend ratio



# Trend in Return on Equity (ROE)

	2.57%	2.95%	3.87%	3.85%
	Year ended May 31,2013	Year ended May 31,2014	Year ended May 31,2015	Year ended May 31,2016
Net income per share	¥37.6	¥43.5	¥61.4	¥61.9
Net assets per share	¥1,466.9	¥1,481.4	¥1,590.1	¥1,627.6
Treasury Shares	<b>200,092</b> Shares	<b>200,134</b> Shares	822,634 Shares	822,634 Shares

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### 1. Consolidated Financial Results for the Second Quarter of the Year Ending May 31, 2017

## 2. Forecast for the Year Ending May 31, 2017

3. Progress of the 4th Medium-Term Business Plan

### (1) Forecast for the Year Ending May 31, 2017 JAPAN PROCESS DEVELOPMENT CO.,

#### Control Systems

- In the energy field, work volume will decrease for wide area power systems, focus on getting orders for energy management system
- Acceptance inspection of conventional line contract work in the transportation field will be concentrated during the second half, secure sales and profits while prioritizing quality

#### Automotive Systems

- In in-car control systems, work volume will continue to increase for CVT control
- Operating ratio will recover with progress in technology shifts
- Start utilization of IPD Dalian (onsite, offshore)
- Start of development in ADAS new fields that were delayed
- Focus on securing further partners

### (2) Forecast for the Year Ending May 31, 2017 JAPAN PROCESS DEVELOPMENT CO.

#### Particular Information Systems

- Acceptance inspection of risk management contracted projects will be concentrated during the second half
- Geographical information will be unchanged
- In-car camera image recognition systems in the ADAS field will be strong
- Same level of sales and profits as the previous year will be secured for Particular Information Systems overall

#### Embedded Systems

- Customer budgets will experience a recovery trend in storage servers
- Aim for the expansion of construction machinery IoT projects through the steady pursuit of development
- Aim for the expansion of medical equipment development through new product development
- In-car camera infrastructure systems in the ADAS field will be strong

### (3) Forecast for the Year Ending May 31, 2017 JAPAN PROCESS DEVELOPMENT CO., LTD

- Industrial & Public Information Systems
  - While there will be contraction for the Quasi-Zenith Satellite System in the maintenance phase, we will shift to next-generation large projects
  - While engineering services for railroad subsidiaries will be flat, joint development in contracted projects with other companies will be commenced
  - •IC card development will be strong, and other services will remain flat

#### IT Management Services

- Validation services will be unchanged
- While architecture services will be strong, securing resources will be an issue
- While some areas of maintenance and operations services will peak-out,

performance will remain stable YOY as a shift is made to other projects

### Planned Numerical Consolidated Targets for the Year Ending May 31, 2017

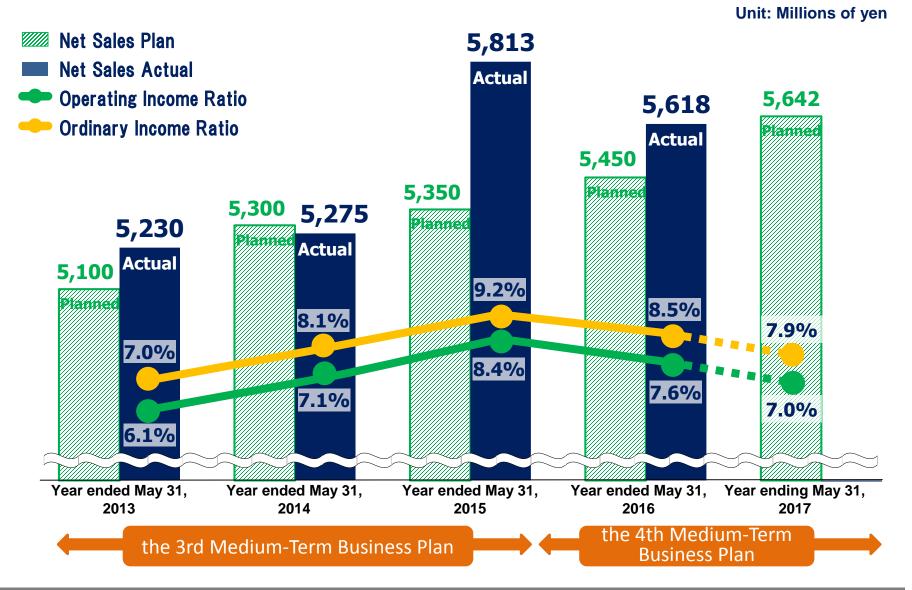


Unit: Millions of yen

	Year ended	Year ending	Change
	May 31, 2016	May 31, 2017	(Percentage of
	[Actual]	[Plan]	Change)
Net Sales	5,618	5,642	+23 (+0.4%)
<b>Operating Income</b>	<b>425</b>	<b>393</b>	<b>-32</b>
(Income Ratio)	(7.6%)	(7.0%)	(-7.7%)
Ordinary Income	<b>479</b>	<b>446</b>	<b>-33</b>
(Income Ratio)	(8.5%)	(7.9%)	(-7.0%)
Current Net Income	<b>304</b> (5.4%)	<b>296</b>	<b>-8</b>
(Income Ratio)		(5.2%)	(-2.9%)

# **Trend in Consolidated Figures**

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### 1. Consolidated Financial Results for the Second Quarter of the Year Ending May 31, 2017

# 2. Forecast for the Year Ending May 31, 2017

### 3. Progress of the 4th Medium-Term Business Plan

### Progress of the 4th Medium-Term Business Plan (1)

JAPAN PROCESS DEVELOPMENT CO.,LTD.

Vision of the 4th Medium-Term Business Plan (From Year ended May 31, 2016 To Year ending May 31, 2018)

To contribute to safety, security, comfort and convenience in the social infrastructure field

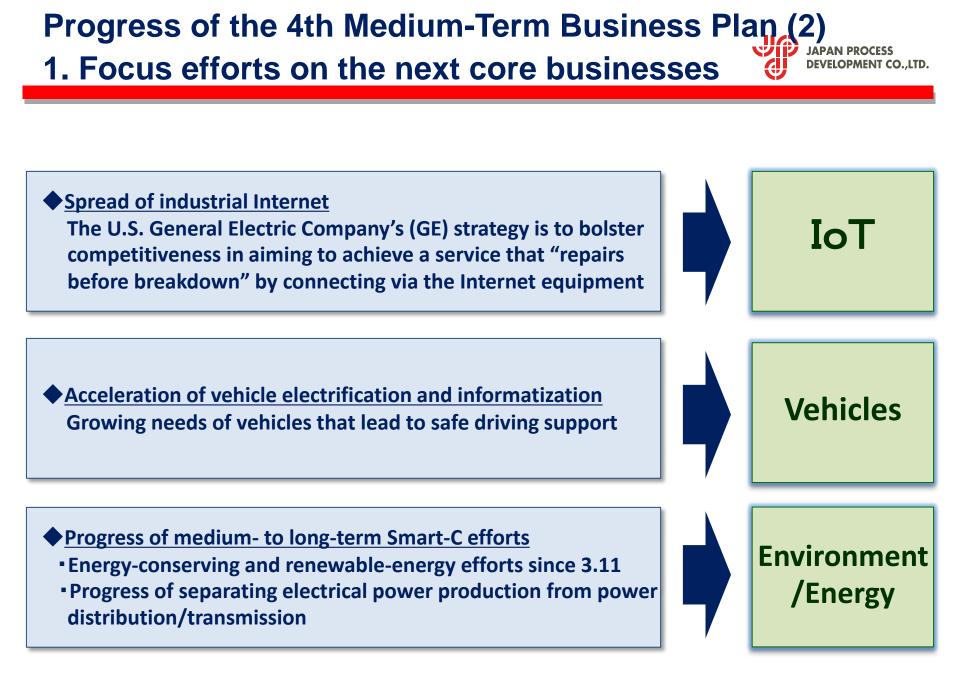
#### **Basic Policy of the 4th Medium-Term Business Plan**

**1. Focus efforts on the next core businesses** 

(1) Invest in vehicles, IoT, and environment/energy

(2) Accommodate clients' overseas expansion

- (3) Plow deep into and expand existing fields
- 2. Invest in human resources as a priority
- 3. Restructure efforts on T-SES



# **Progress of the 4th Medium-Term Business Plan (3)**

JAPAN PROCESS DEVELOPMENT CO.,LTD.

### **1. Focus efforts on the next core businesses**

- 1) Vehicles
  - Focused on device development that will be important for ADAS as a strategic field
  - Endeavored to shift to strategic fields by using outsourced personnel for simple technology areas and employees for advanced technology areas
  - Further promoted the development of partners and the utilization of IPD Dalian
- 2) IoT
  - Participated in replacement projects for large-scale construction machinery manufacturers, and aimed to leverage strong technologies in each segment for expansion company-wide
- 3) Environment/Energy
  - Commenced with energy management systems, and aimed for expansion in related environment and energy fields

### Progress of the 4th Medium-Term Business Plan (4)



#### 2. Invest in human resources as a priority

- Focused on human resources with twice as many hours of education and education costs as in the past as a target
- While the target for hours of education was not achieved, there was a significant increase
- Education cost fell below the target due in part to efforts such as the use of internal experts as instructors rather than external instructors

### 3. Restructure efforts on T-SES

 In the transportation field, a full-fledged start aimed at T-SES will be made from the next fiscal year as issues are being shared with customers to advance T-SES and 7 lines will be converged and under development during the current fiscal year

 In station service equipment development, progress made in the expansion of phases and function scope



### We will contribute to safety, security, comfort

### and convenience in the social infrastructure field.

#### **Disclaimer**

This material contains "forward-looking statements" based on current forecasts and assumptions. Japan Process Development Co., Ltd. in no way warrants the realization of such forward-looking statements, which are subject to risks and uncertainties that could cause actual outcomes and results to differ from these statements.

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