

Hitachi IR Day 2018

June 8, 2018

## Jun Abe

Vice President and Executive Officer CEO of Industry & Distribution Business Unit Hitachi, Ltd.

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- **1. Business Overview**
- 2. Growth Strategy
  - (1) Scaling
  - (2) Profitability Improvement
  - (3) Cost Strategy and Strengthen Cash Generation
- 3. Summary

## 1-1. FY2018 Target

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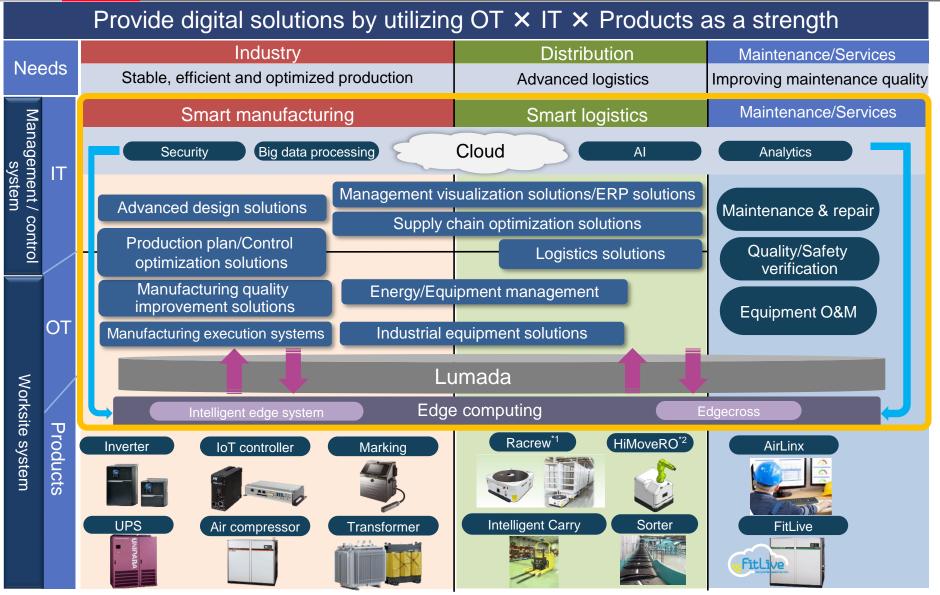
FY2018	Compared with FY2015					
633.0 billion yen	(5.9) billion yen [(1)%]					
46.5 billion yen [7.3%]	+59.4 billion yen					
41.1 billion yen [6.5%]	+57.6 billion yen					
13%	(3)%					
Mission						
<ul> <li>Withdrawal from low-profit businesses</li> <li>Create the digital solution business by utilizing its wide business domain of the Industry &amp; Distribution Business</li> </ul>						
	633.0 billion yen 46.5 billion yen [7.3%] 41.1 billion yen [6.5%] 13%					

# Accomplish the FY2018 plan and gain a foothold for putting businesses on the next growth track

**EBIT: Earnings Before Interest and Taxes** 

## 1-2. Positioning in Hitachi Group

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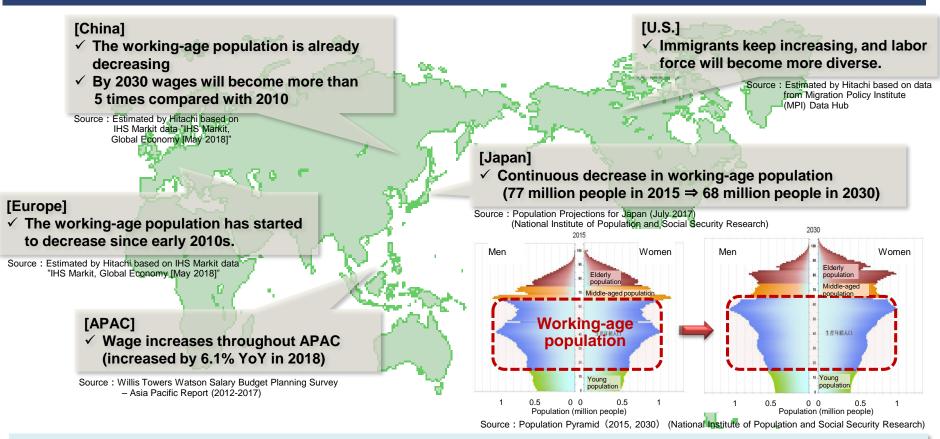
\*1 Compact and low-floor automated guided robot \*2 Autonomous moving robot (Mounted robot made by FANUC) OT: Operational Technology ERP: Enterprise Resources Planning O&M: Operation and Maintenance UPS: Uninterruptible Power Supply

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# 1-3. Megatrends

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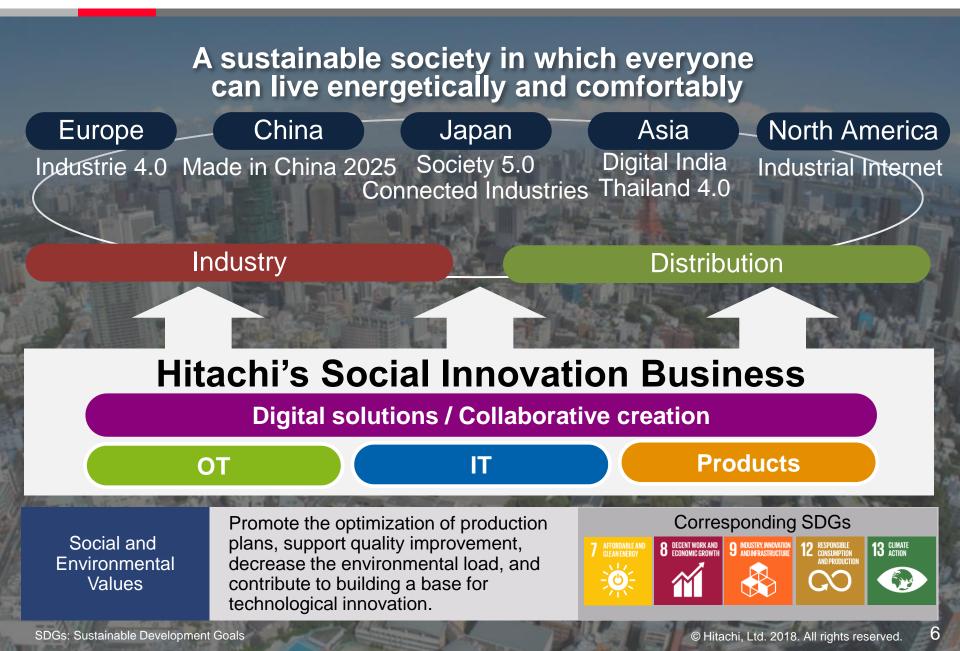
## Changing demographics



- The megatrend of introducing IoT is progressing globally. Automated worksites, use of big data and AI, and sophisticated commerce and industry integrating OT and IT have accelerated.
- In response to a decrease in the working-age population and diversification of labor worldwide, efficiently improving worksites and logistics, human resource saving, and digitalization of experts' skills and expertise are progressing.

## 1-4. Vision

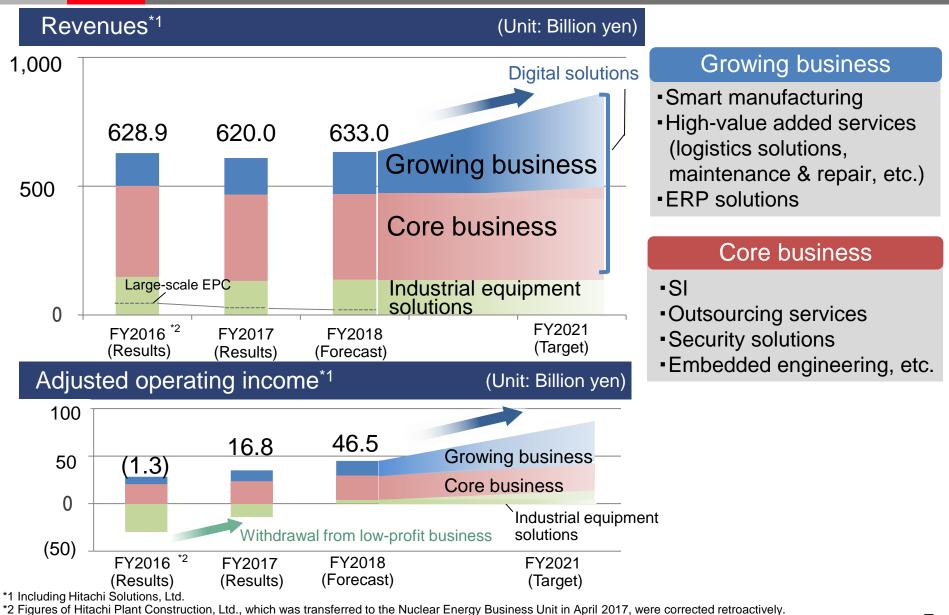




## 1-5. Vision

## (Transforming Business Portfolio into High-Profit Areas)

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EPC: Engineering, Procurement and Construction SI: Systems Integration

# 1-6. Progress of 2018 Mid-term Management Plan

	FY2015 results <sup>*1</sup>	FY2016 results <sup>*1</sup>	FY2017 previous forecast*2	FY2017 results	FY2018 previous target*2	FY2018 forecast
Revenues (Billion yen)	638.9	628.9	600.0	620.0	666.0	633.0
Adjusted operating income ratio	(2.0)%	(0.2)%	5.0%	2.7%	7.5%	7.3%
EBIT ratio	(2.6)%	(0.6)%	3.8%	0.5%	7.4%	6.5%

## Growing business: Expand the digital solution business utilizing Lumada

- Use Omika Works' highly efficient production model as the solution core
- Acquire new customers and create new services through collaborative creation
- Add value starting with SAP S/4HANA<sup>® \*3</sup>

## Core business: Improve profitability in SI business

• Strengthening the project management / development of human resources

### Industrial equipment solutions: Implementation of structural reform

 Consolidate industrial equipment business into Hitachi Plant Services to strengthen mid-scale business (April 2018)

\*1 Figures of Hitachi Plant Construction, Ltd., which was transferred to the Nuclear Energy Business Unit in April 2017, were corrected retroactively. \*2 Announced on June 8, 2017. \*3 SAP and SAP logos are registered trademark of SAP SE in Germany and other countries.

Lumada revenues

FY2017 results

Hitachi total

1.006.0 billion yen

Other

Industry & Distribution

Business

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# **Basic policy**

- Expansion of digital solution business through OT × IT × Products
- Acceleration of global business deployment

# Hitachi's strengths

- Abundant R&D resources
- Advanced manufacturing capabilities / experiences
- Wide customer base

# Focus points

- Business scaling
- Further profitability improvement

# Growth strategy

# (1) Scaling

- 1 Increase target customers
- (2) Expand target areas (global)
- **③** Multiply smart manufacturing (utilize as solution cores)
- **④** Multiply smart manufacturing (collaboration with partners)
- **(5)** Extend business domain starting with ERP solutions

## (2) Profitability improvement

- 1 Provide high-value added services to total value chain
- 2 Add value through maintenance & repair business
- ③ Add value through quality and safety data analysis and verification services



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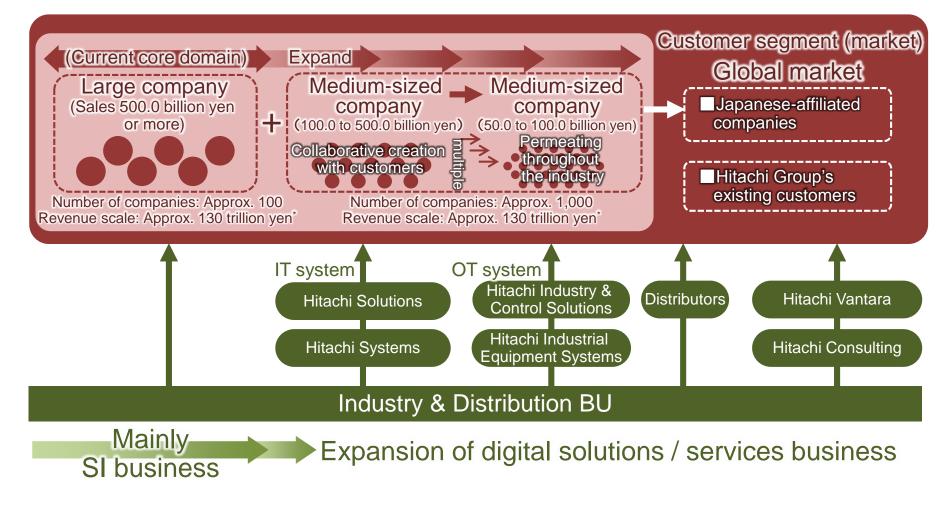
# (1) Scaling

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# 2-2. (1) Scaling Increase target customers



Strengthen approach to medium-sized companies through collaboration with Group companies



\*Indicates the number of companies and total sales scale in industries, such as manufacturing, distribution, and retailing, which the Industry & Distribution BU targets. Hitachi estimation.

# 2-2. (1) Scaling <a>2 Expand target areas (global)</a>

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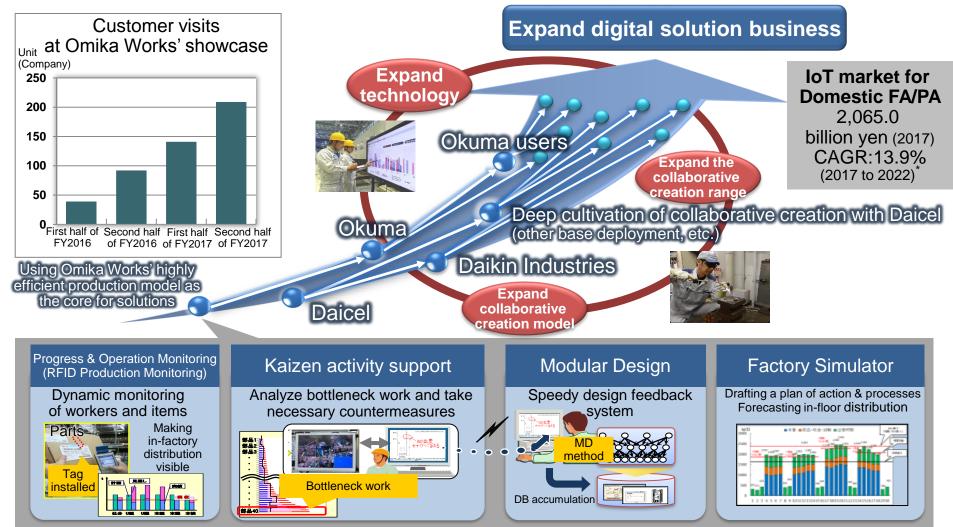
## 2-2. (1) Scaling

## **③** Multiply smart manufacturing (utilize as solution cores)

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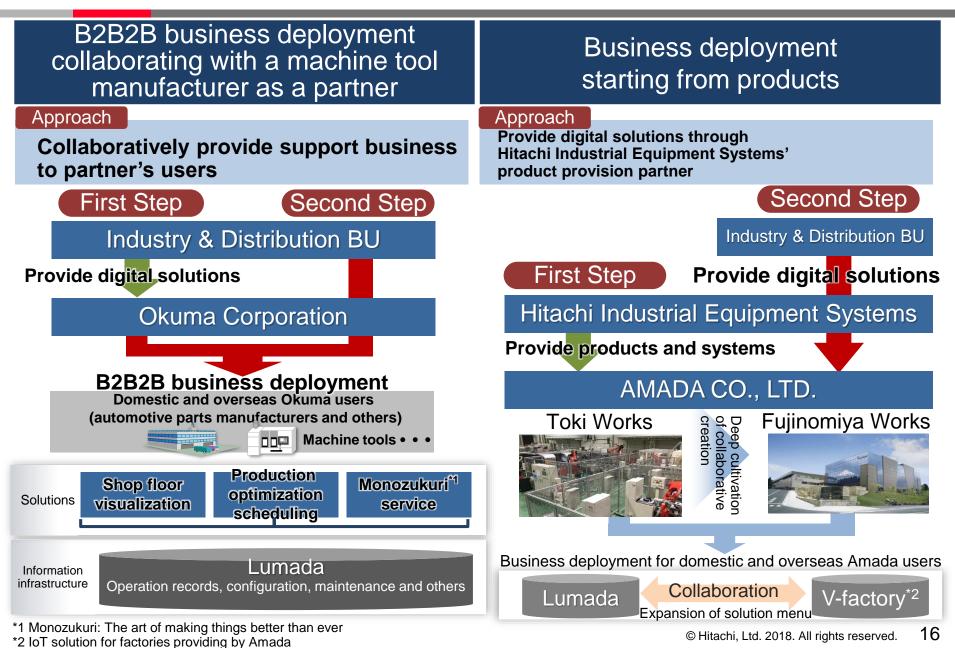


\* Source: IDC Japan, March 2018 "Domestic IoT Market estimated by industry area/usecases, 2018-2022", calculated by Hitachi based on IDC Research FA: Factory Automation PA: Process Automation CAGR: Compound Annual Growth Rate RFID: Radio Frequency Identification MD: Modular Design © Hitachi, Ltd. 2018. All rights reserved.

### 2-2. (1) Scaling

## **④** Multiply smart manufacturing (collaboration with partners)





## 2-2. (1) Scaling

**(5)** Extend business domain starting with ERP solutions

Create value jointly using product operation data and business data

#### **Customer issues**

• Upgrade to S/4HANA by the 2025 maintenance deadline is required

 Visualizing KPI and improving efficiency of the entire operation through IT investment

Hitachi's strengths

- Top class track record in Japan<sup>\*1</sup> for SAP-related business
- Abundant SAP application know-how in Hitachi Group<sup>\*2</sup>
- OT knowledge obtained as a manufacturer

**Provide solutions from** management to worksites starting with SAP S/4HANA upgrade

\*1 Hitachi estimation

\*2 Introduced to 400 companies (612 bases) in 32 countries.

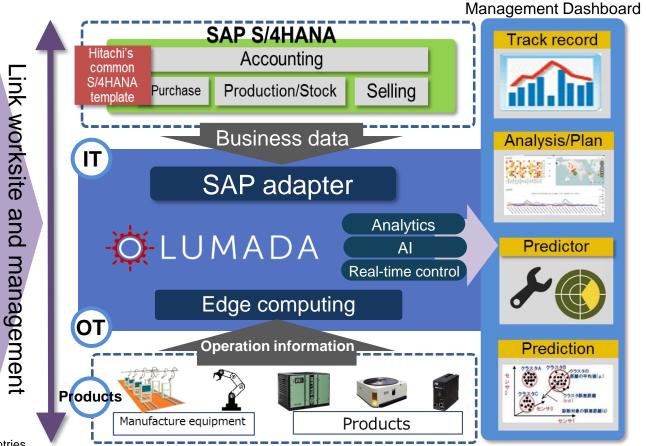
\*3 Source: Created by Hitachi based on "ERP Market in Japan: Key Research Findings 2017" published by Yano Research Institute Ltd.

and management

#### **Domestic ERP package license market** 113.0 billion yen (2016) CAGR: 4.8% (2016 to 2019)\*3

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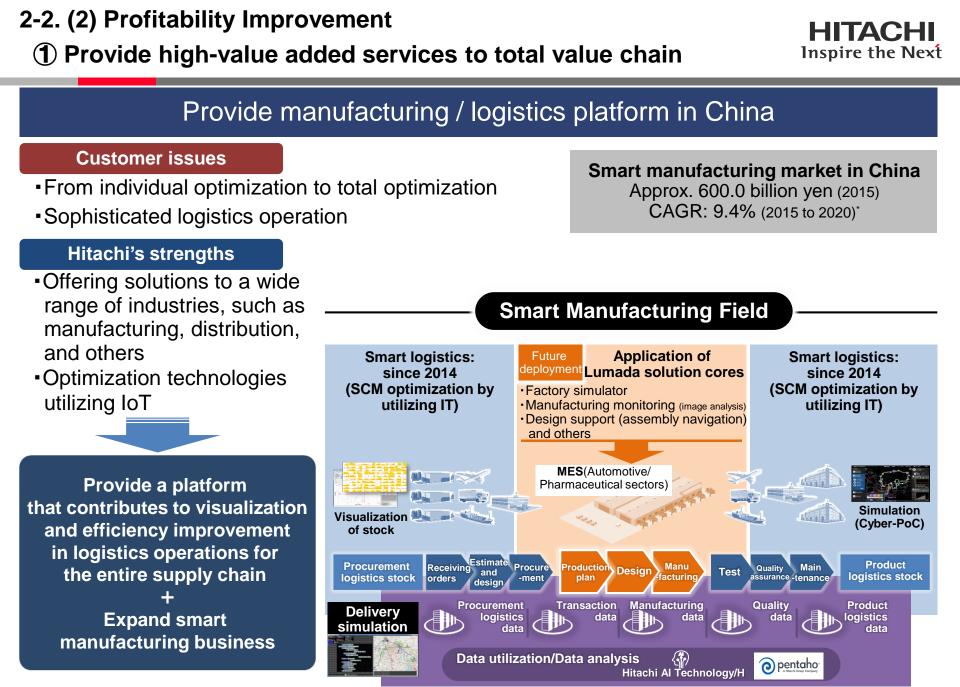
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\* Hitachi estimation SCM: Supply Chain Management MES: Manufacturing Execution System

## 2-2. (2) Profitability Improvement **2** Add value through maintenance & repair business

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## Expand services after sales starting from parts repair and preventive maintenance

#### **Customer issues**

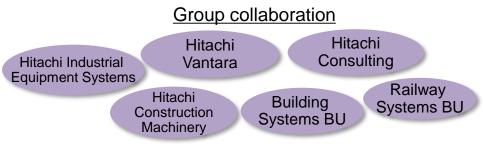
- Quality improvement of repair services
- Minimizing opportunity loss caused by a failure

#### Hitachi's strengths

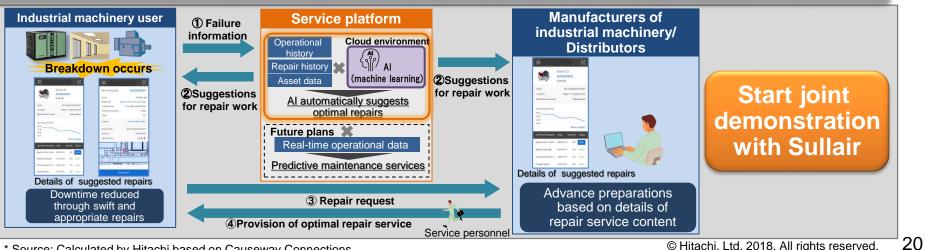
- •Wide range of maintenance experience in the industrial equipment and machinery sectors
- Sophisticated analytical abilities utilizing AI



CAGR: 6% (2017 to 2022)



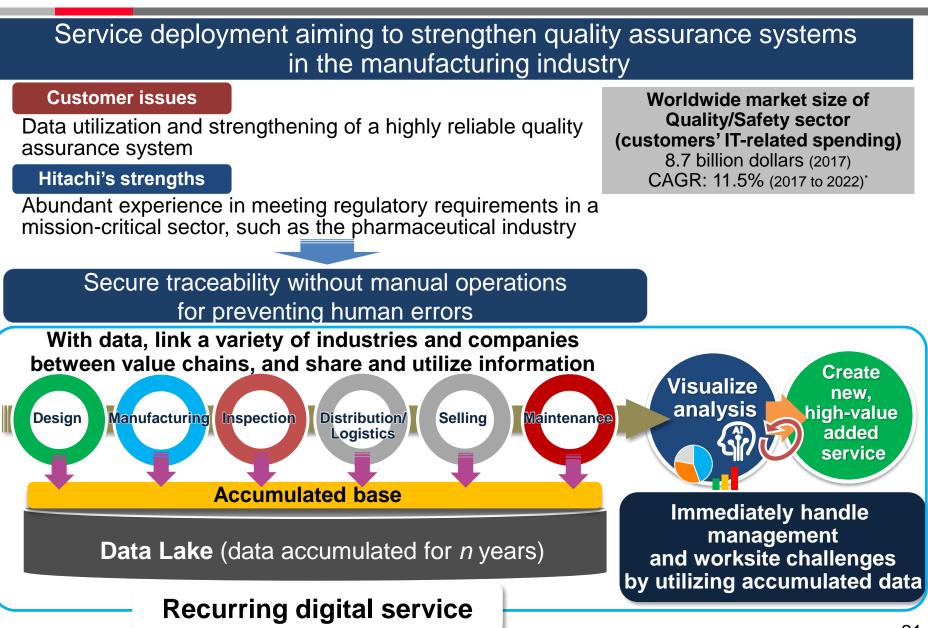
#### Provide repair recommendations that achieve optimized repair work and preventive maintenance



\* Source: Calculated by Hitachi based on Causeway Connections

### 2-2. (2) Profitability Improvement

3 Add value through quality and safety data analysis and verification services Inspire the Next



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## Evolution of the Hitachi Smart Transformation

Reinforcing the front-line to expand the digital solution business

SG&A

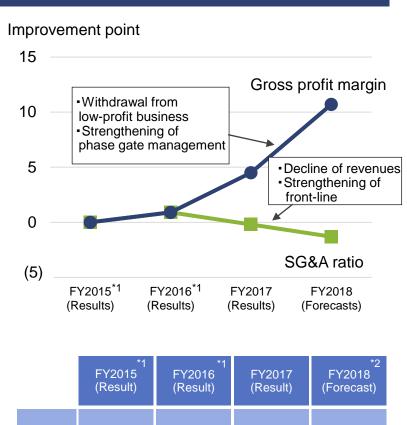
expense

Gross profit

Cash

generation

- Improving business efficiency by setting pipeline management of the total value chain
- Improving projects and reducing loss cost through phase gate operation
- Expanding the digital solution business to add value and achieve horizontal application
- Strengthening management of cash flow in major domestic and overseas projects
- Accelerate cash in through contract splitting, advance receipt, and other means, and liquidating receivables



61.1

days

59.8

days

65.5

days

55.4

days

CCC

\*1 For FY2015 and FY2016, figures of Hitachi Plant Construction, Ltd., which was transferred to the Nuclear Energy Business Unit in April 2017, were corrected retroactively. \*2 Figures exclude a large-scale construction project in the Middle East CCC: Cash Conversion Cycle © Hitachi, Ltd. 2018. All rights reserved. 23

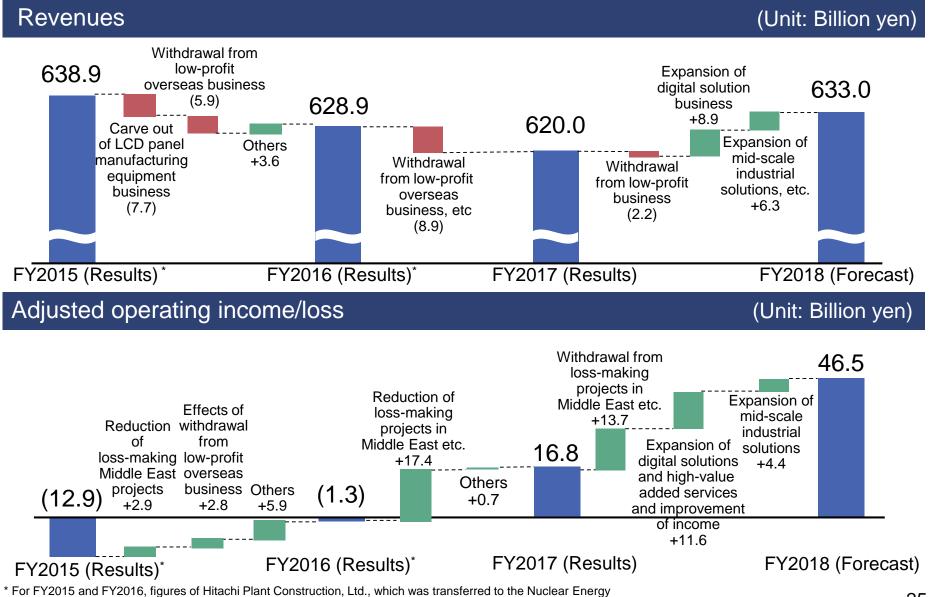


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## 3. Summary

## 3-1. Factors of Increase/Decrease of Revenues, Adjusted Operating Income/Loss



Business Unit in April 2017, were corrected retroactively.

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## 3-3. Summary

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FY2018 Target						
	FY2018	Compared with FY2015				
Revenues	633.0 billion yen	(5.9) billion yen [(1)%]				
Adjusted operating income [ratio]	46.5 billion yen [7.3%]	+59.4 billion yen				
EBIT [ratio]	41.1 billion yen [6.5%]	+57.6 billion yen				
Overseas revenue ratio	13%	(3)%				

# Toward next Mid-term Management Plan

Transform to high-profitable (service) business models
 Lead Hitachi's digital solution business

Certain statements found in this document may constitute "forward-looking statements" as defined in the U.S. Private Securities Litigation Reform Act of 1995. Such "forward-looking statements" reflect management's current views with respect to certain future events and financial performance and include any statement that does not directly relate to any historical or current fact. Words such as "anticipate," "believe," "expect," "estimate," "forecast," "intend," "plan," "project" and similar expressions which indicate future events and trends may identify "forward-looking statements." Such statements are based on currently available information and are subject to various risks and uncertainties that could cause actual results to differ materially from those projected or implied in the "forward-looking statements" and from historical trends. Certain "forward-looking statements" are based upon current assumptions of future events which may not prove to be accurate. Undue reliance should not be placed on "forward-looking statements," as such statements speak only as of the date of this document.

Factors that could cause actual results to differ materially from those projected or implied in any "forward-looking statement" and from historical trends include, but are not limited to:

- economic conditions, including consumer spending and plant and equipment investment in Hitachi's major markets, particularly Japan, Asia, the United States and Europe, as well as levels of demand in the major industrial sectors Hitachi serves;
- exchange rate fluctuations of the yen against other currencies in which Hitachi makes significant sales or in which Hitachi's assets and liabilities are denominated;
- uncertainty as to Hitachi's ability to access, or access on favorable terms, liquidity or long-term financing;
- uncertainty as to general market price levels for equity securities, declines in which may require Hitachi to write down equity securities that it holds;
- Iluctuations in the price of raw materials including, without limitation, petroleum and other materials, such as copper, steel, aluminum, synthetic resins, rare metals and rare-earth minerals, or shortages of materials, parts and components;
- the possibility of cost fluctuations during the lifetime of, or cancellation of, long-term contracts for which Hitachi uses the percentage-of-completion method to recognize revenue from sales;
- credit conditions of Hitachi's customers and suppliers;
- fluctuations in product demand and industry capacity;
- uncertainty as to Hitachi's ability to implement measures to reduce the potential negative impact of fluctuations in product demand, exchange rates and/or price of raw materials or shortages of materials, parts and components;
- uncertainty as to Hitachi's ability to continue to develop and market products that incorporate new technologies on a timely and cost-effective basis and to achieve market acceptance for such products;
- increased commoditization of and intensifying price competition for products;
- uncertainty as to Hitachi's ability to attract and retain skilled personnel;
- uncertainty as to Hitachi's ability to achieve the anticipated benefits of its strategy to strengthen its Social Innovation Business;
- uncertainty as to the success of acquisitions of other companies, joint ventures and strategic alliances and the possibility of incurring related expenses;
- uncertainty as to the success of restructuring efforts to improve management efficiency by divesting or otherwise exiting underperforming businesses and to strengthen competitiveness;
   the potential for significant losses on Hitachi's investments in equity-method associates and joint ventures;
- general socioeconomic and political conditions and the regulatory and trade environment of countries where Hitachi conducts business, particularly Japan, Asia, the United States and Europe, including, without limitation, direct or indirect restrictions by other nations on imports and differences in commercial and business customs including, without limitation, contract terms and conditions and labor relations;
- uncertainty as to the success of cost structure overhaul;
- uncertainty as to Hitachi's access to, or ability to protect, certain intellectual property;
- uncertainty as to the outcome of litigation, regulatory investigations and other legal proceedings of which the Company, its subsidiaries or its equity-method associates and joint ventures have become or may become parties;
- the possibility of incurring expenses resulting from any defects in products or services of Hitachi;
- the possibility of disruption of Hitachi's operations by natural disasters such as earthquakes and tsunamis, the spread of infectious diseases, and geopolitical and social instability such as terrorism and conflict;
- uncertainty as to Hitachi's ability to maintain the integrity of its information systems, as well as Hitachi's ability to protect its confidential information or that of its customers; and
- uncertainty as to the accuracy of key assumptions Hitachi uses to evaluate its employee benefit-related costs.

The factors listed above are not all-inclusive and are in addition to other factors contained in other materials published by Hitachi.

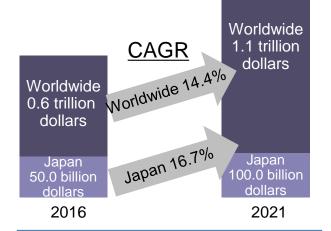
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## Appendix (1) Market Environment HITACHI (Industry and Distribution Sectors, Digital Business) Inspire the Next

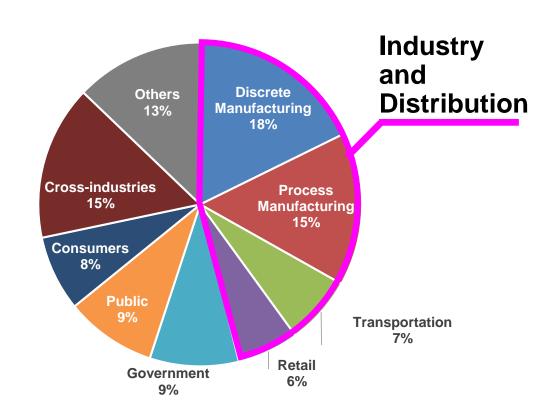
Continuous expansion of IoT investment in the manufacturing and distribution industries toward advancing business

IoT market size prediction<sup>\*1</sup>

Forecast of domestic IoT market by major industrial segments<sup>\*2</sup> (Estimated amount in 2017: 6.2 trillion yen in total)



- Increasing IoT investment toward digitalization and globalization
- Increasing investment for advanced marketing and distribution

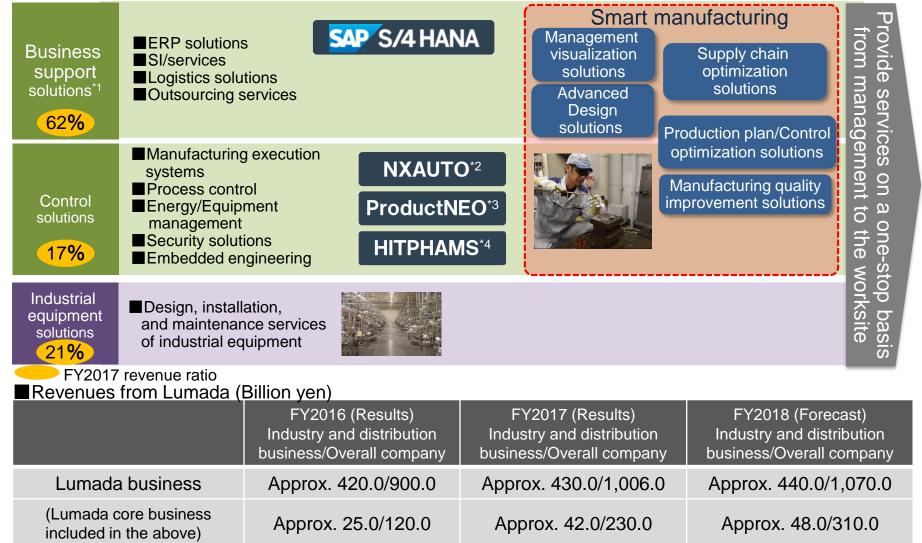


\*1 Source: IDC, November 2017 "Worldwide Semiannual Internet of Things Spending Guide", chart created by Hitachi based on IDC Research

\*2 Source: IDC Japan, March 2018 "Domestic IoT Market estimated by industry area/usecases, 2018-2022", chart created by Hitachi based on IDC Research

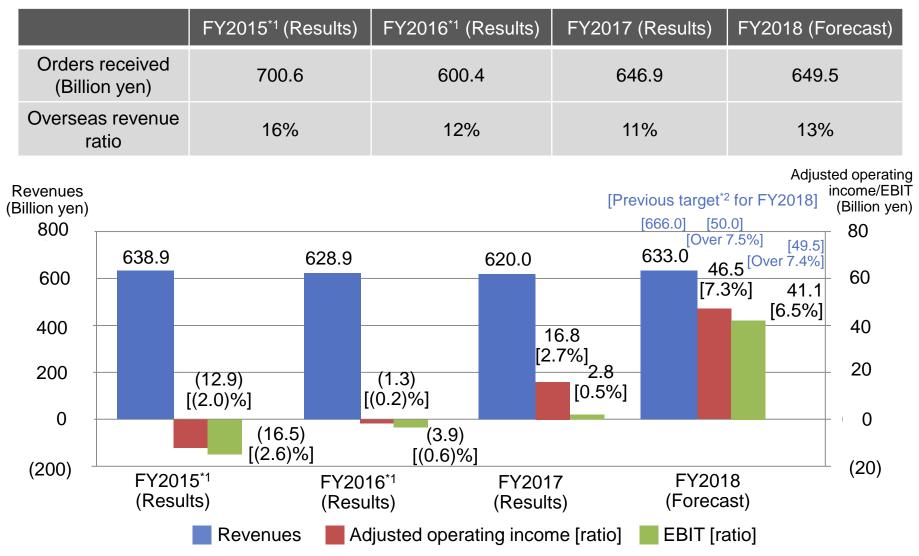
# **Appendix (2) Business Overview**

Handle a wide range of business domains from customer management to worksites Provide digital solutions that create new value by integrating OT and IT



\*1 Business support solutions including Hitachi Solutions. \*2 Automobile production management system

\*3 Integrated manufacturing management solutions \*4 Pharmaceutical products manufacturing management system



\*1 For FY2015 and FY2016, figures of Hitachi Plant Construction, Ltd., which was transferred to the Nuclear Energy Business Unit in April 2017, were corrected retroactively. \*2 As of June 8, 2017