Business Report for FY2017 1st Half

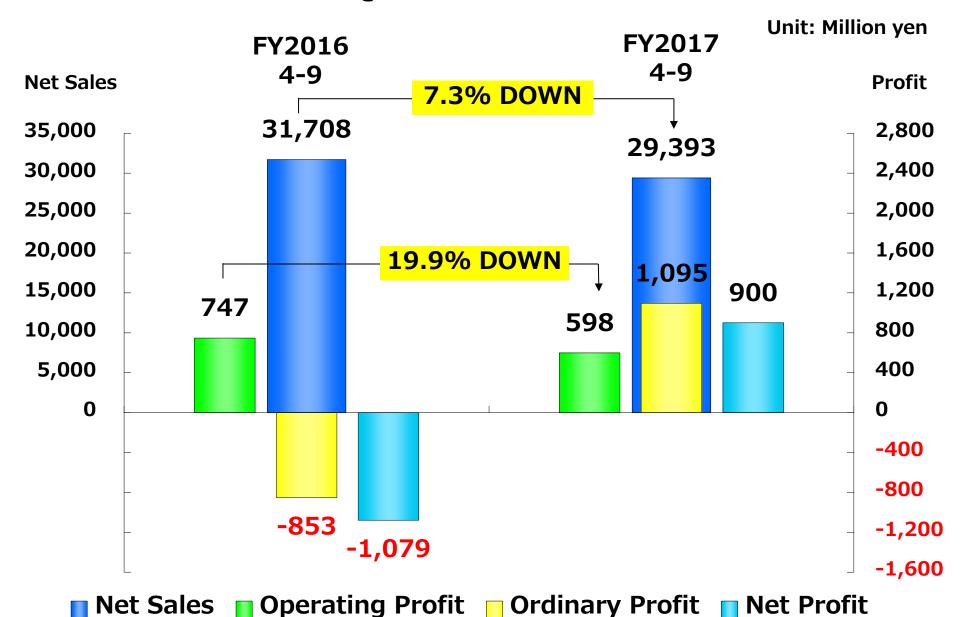


FY2017 2Q Outline of Financial Statement

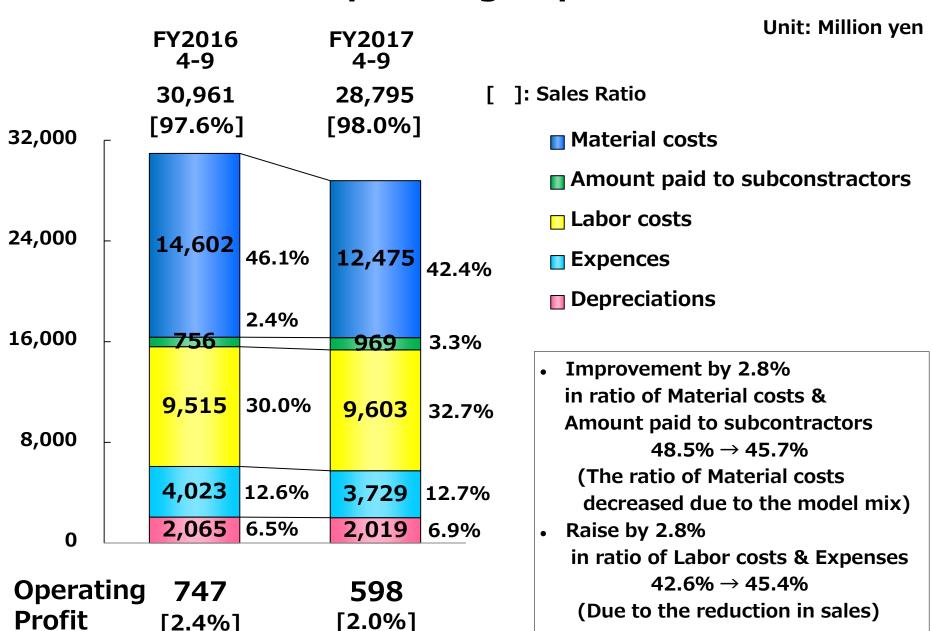
Executive Vice President and CFO

KOHEI OHGAKI

<Consolidated> 2Q Financial Results

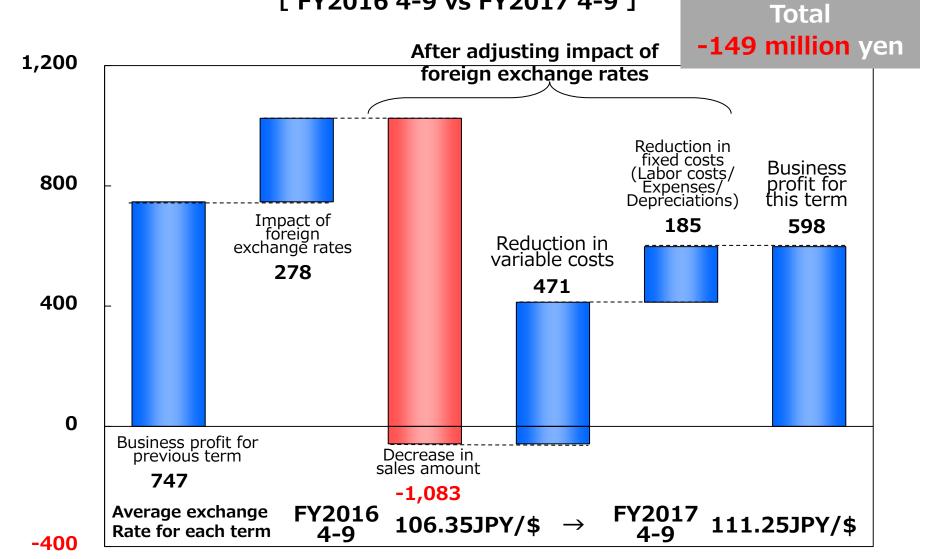


<Consolidated> Operating Expenses

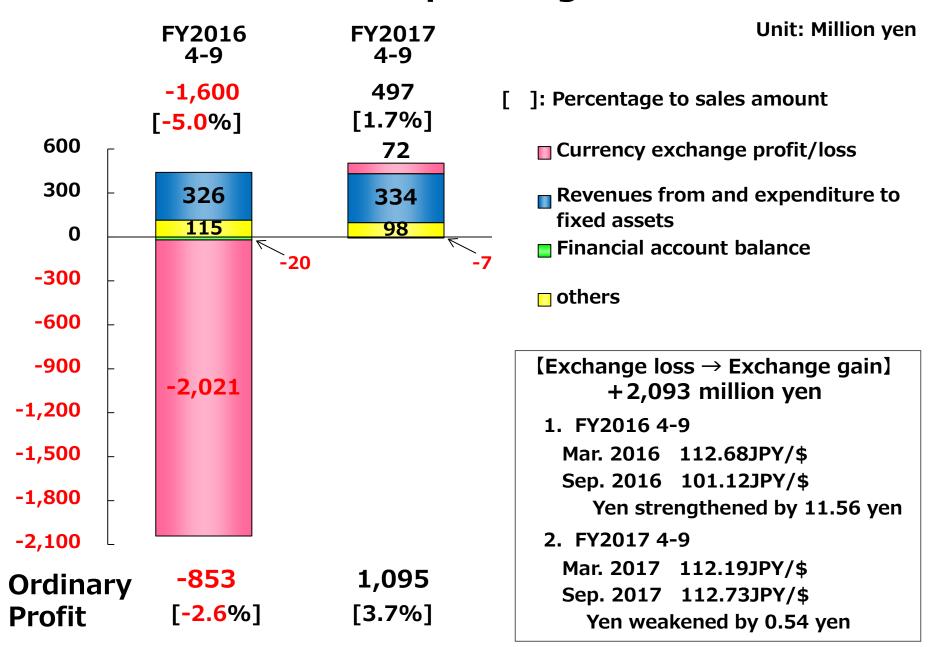


<Consolidated> Analysis of Sales Expenses

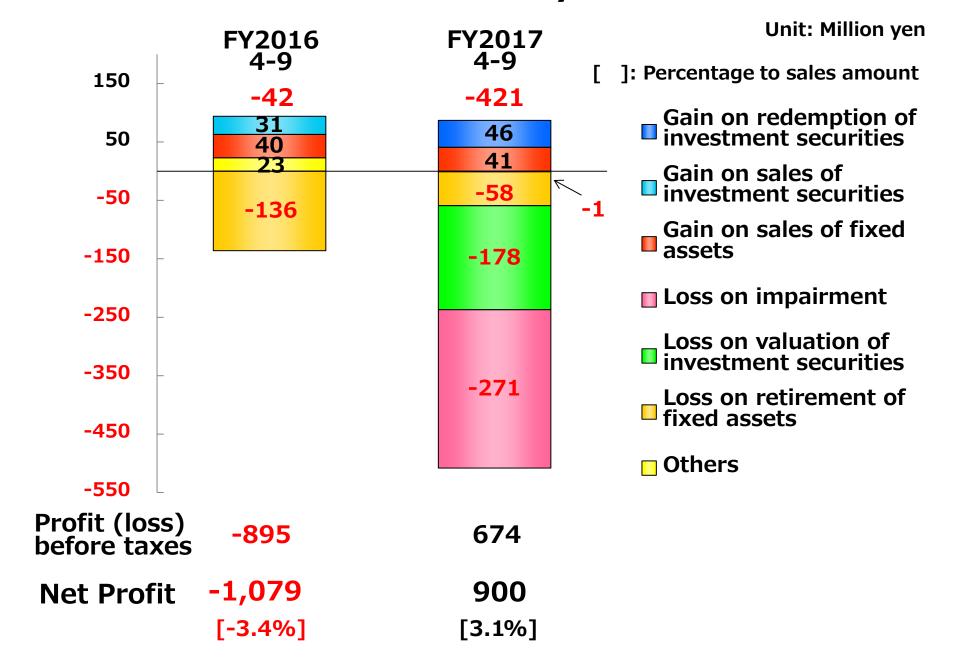
Analysis of factors for increase/decrease
of consolidated operating profit
[FY2016 4-9 vs FY2017 4-9]



<Consolidated> Non-operating Profit and Loss



<Consolidated> Extraordinary Profit or Loss



<Consolidated> Segment Information

Unit: Million yen

FY2017 4-9

	Reporting Segment					TOTAL
	CS Div.	FC Div.	TP Div.	Total	Others*	TOTAL
Net Sales	14,435	9,939	4,857	29,231	162	29,393
Operating Profit (Loss)	1,858	(598)	(420)	840	(242)	598

FY2016 4-9

		Reporting		TOTAL			
	CS Div.	FC Div.	TP Div.	Total	Others*	TOTAL	
Net Sales	11,461	14,326	5,834	31,621	87	31,708	
Operating Profit (Loss)	762	(59)	249	952	(205)	747	

*Others: Research and development, lease, real-estate rental, factoring

<Consolidated> Revised Financial Result Forecast

Upper row: Percentage to net sales

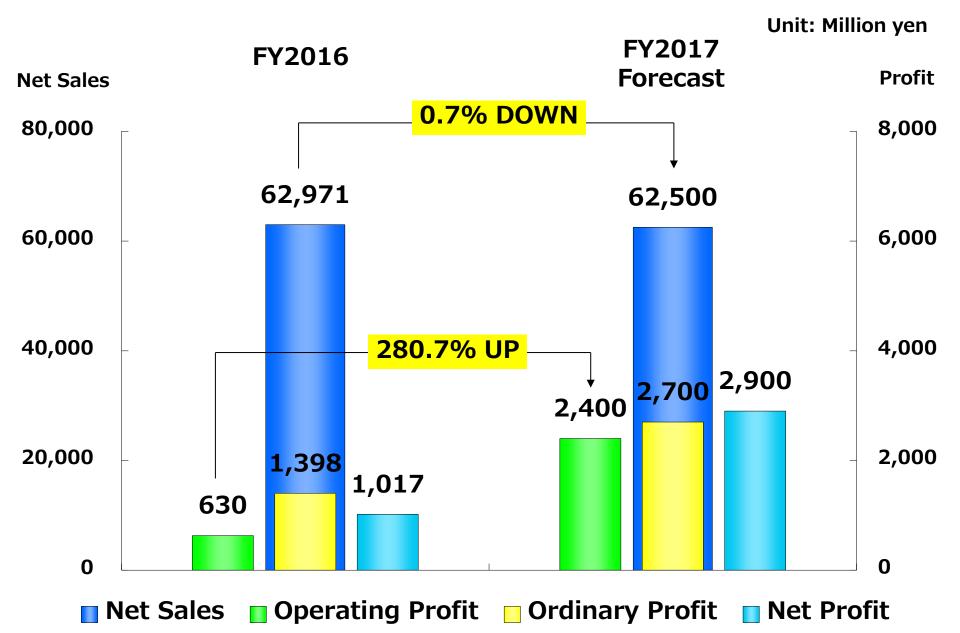
Lower row: Increase (decrease)

ratio to FY2016

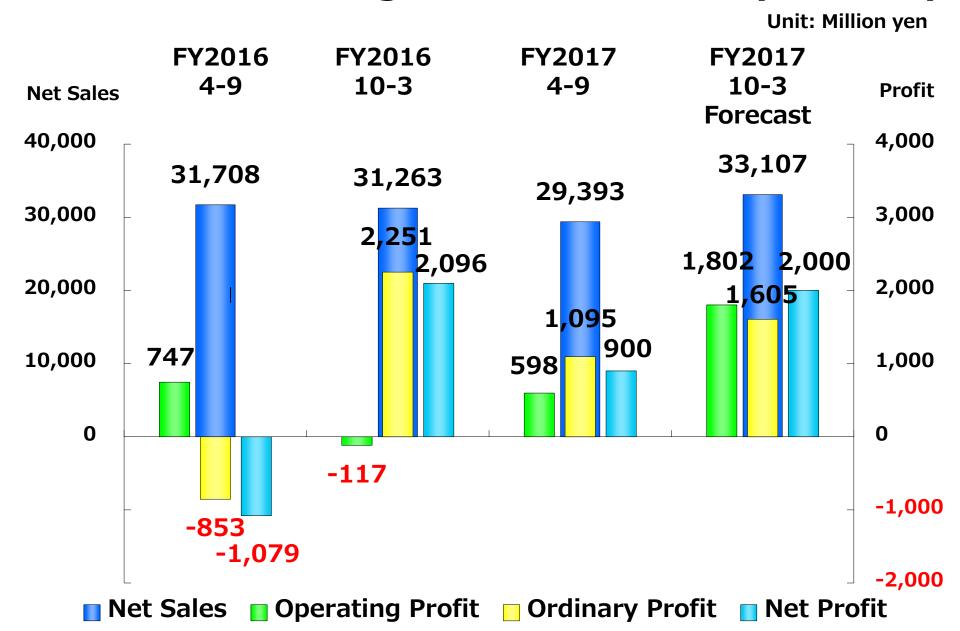
Forecast of consolidated operating results for FY2017 (Full-year)

Announced on	Net Sales		Operating Profit		Ordinary Profit		Net Profit	
Apr. 26, 2017	Million yen 65,500	% 100.0 4.0	2.200	3.4 249.0	Million yen 2,800	4.3 100.2	Million yen 1,900	% 2.9 86.8
Oct. 25, 2017 NEW	62,500	100.0 (0.7)	2,400	3.8 280.7	2,700	4.3 93.0	2,900	4.6 185.1

<Consolidated> Changes in Financial Results (Full-year)



<Consolidated> Changes in Financial Result (Half Term)



<Consolidated> Cash Position

Unit: Million yen

	Mar. 2017	Sep. 2017	Differential
	(A)	(B)	(B-A)
Assets	62,318	65,058	2,740
Cash and cash equivalents	10,117	10,989	872
Accounts receivable	14,853	16,345	1,491
Inventories	7,199	7,712	512
Fixed assets	28,044	28,104	60
Liabilities	30,999	32,829	1,830
Accounts payable and accrued expenses	7,526	7,925	399
Interest-bearing debt	18,447	19,478	1,030
Net assets	31,318	32,228	910
Common stock	7,996	7,996	_
Capital adequacy ratio	50.2%	49.5%	(0.7)%

<Consolidated> Cash Flow Position

Unit: Million yen

	FY2016 4-9	FY2017 4-9
Cash flow from operating activities	243	1,959
Working capital	(619)	(1,206)
Profit before taxes	(895)	674
Depreciation	2,136	2,085
Others	(379)	406
Cash flow from investing activities	(2,434)	(1,914)
Free cash flow	(2,191)	45
Cash flow from financing activities	2,690	697
Increase in interest-bearing debt	4,800	1,029
Increase (decrease) in treasury stock	(1,551)	(1)
Dividends paid	(559)	(329)
Initial balance	10,668	10,011
Final balance	11,003	10,890

Annual Dividend

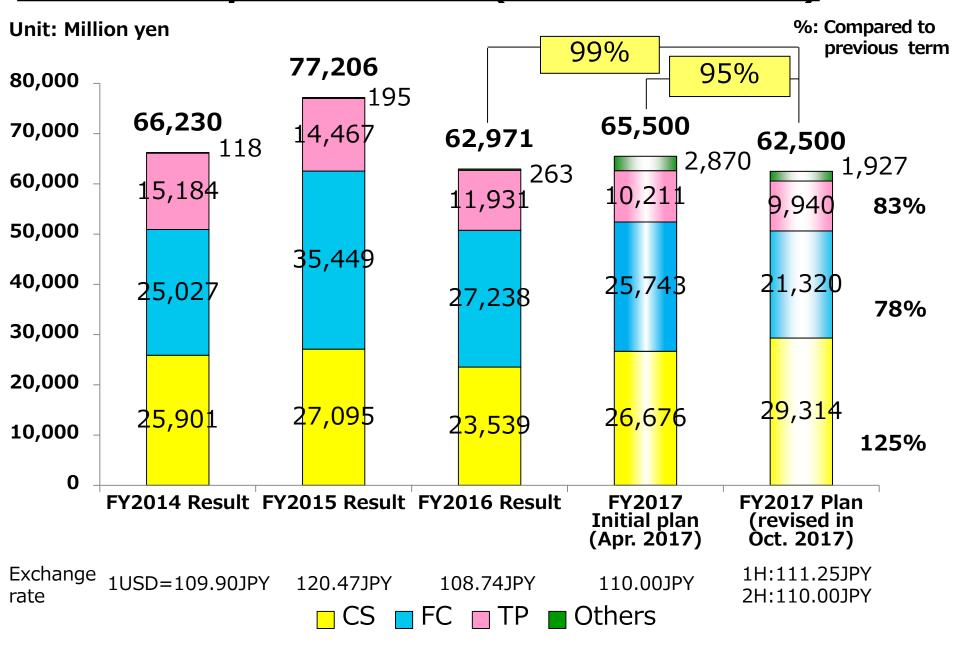
	At second quarter end	At fiscal year end	Annual	
FY2016 Result	5.00 yen	5.00 yen	10.00 yen	
FY2017 Result	<u>4.00 yen</u>			
FY2017 Forecast		<u>4.00 yen</u>	<u>8.00 yen</u>	

FY2017 Prospect

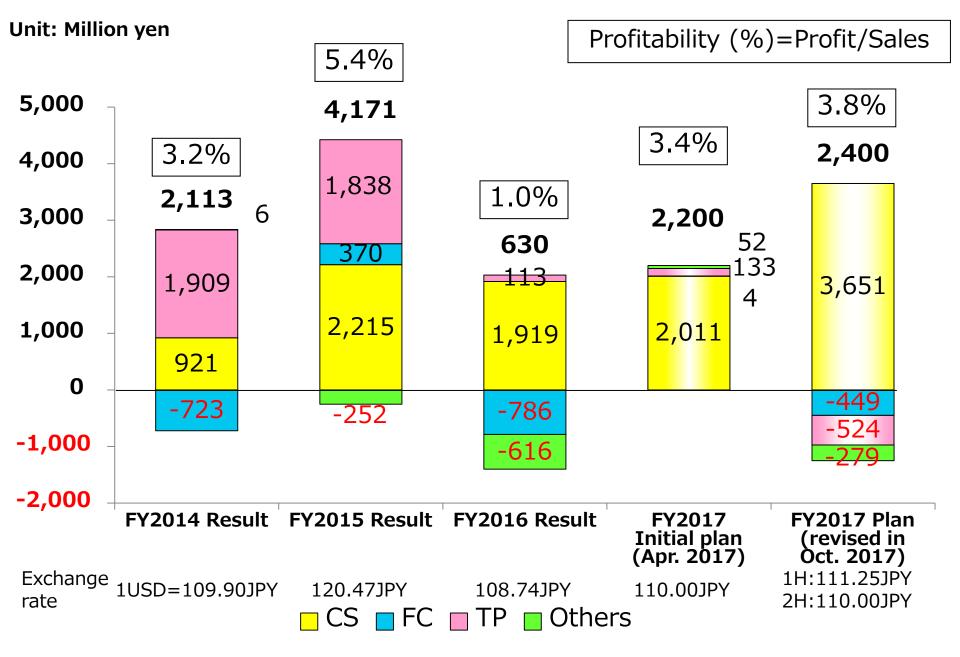
President, CEO and COO

YASUMITSU IKEDA

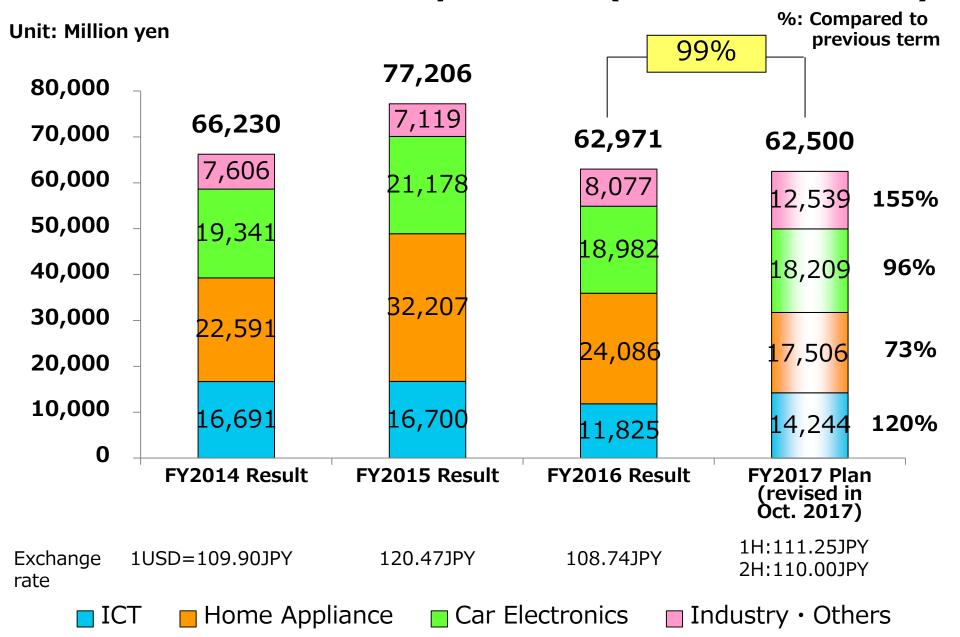
Net Sales by Product Div. (FY2014-FY2017)



Operating Profit by Product Div. (FY2014-FY2017)



Reference: Net Sales by Market (FY2014-FY2017)



FY2017 Priority Matters

1. Increase sales and profits in the short term

- 1 Enhance activities to improve profitability
- 2 Secure sales in existing key markets
- 3 Generate profits through new business

2. Realize mid- to long-term growth

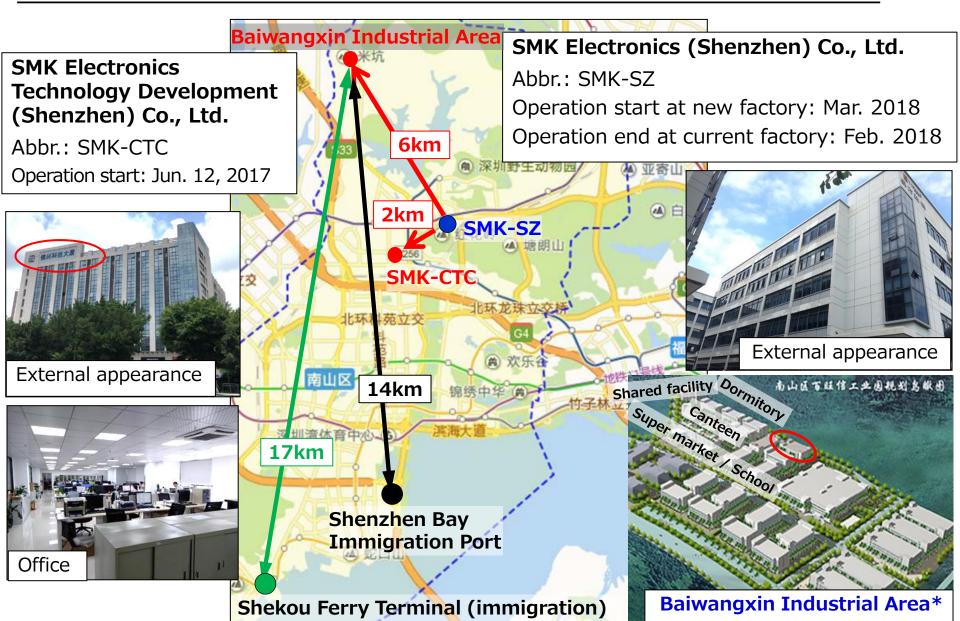
- 1 Explore new markets
- ② Create new business by open innovation

LPWA RF Module for IoT Market

Product Name	SubGHz RF Module (SMK)	Sigfox RF Module	Sigfox Module with Gateway Function	Sigfox RF Module	IP500™ Module	SubGHz RF Module (LoRa®)
Series	WF921	WF923	WF923G	WF931	CNX200	-
Appear- ance						100
Network protocol	SMK proprietary	Sigfox	Sigfox/ SMK proprietary	Sigfox	IP500	LoRaWAN™/ SMK proprietary
Status	Mass Production	Developed	Under Development	Under Development	Under Development	Under Development
Certifi- cation						

^{*}The LoRa® Mark and LoRaWAN™ are trademarks of Semtech Corporation or its subsidiaries.

Relocation of Chinese R&D Location and Works



^{*}High-tech business enterprise zone owned by Shenzhen City, Nanshan District local government

Notice

All information in this material concerning the forecast of business achievements, projections of general business conditions and our business strategies is dependent on our conclusion made to a normally foreseeable extent applying information reasonably accessible to us at the time of preparation of this material.

However, the reality is that it contains risks and uncertainties which may cause result to materially differ from business projections, stated or implied, due to situations which are unforeseeable under normal conditions, or of results which are beyond a reasonably foreseeable outcome at that time. Despite our active efforts to disclose information which is considered to be important to investors of our company, total dependence on the business projections in this material, stated or implied, must be refrained from when decisions of any kind are made regarding our company.