



ROBO Global™ Robotics and Automation Index
Bellwether Stock

FY2019 Investor Presentation

3Q UPDATE

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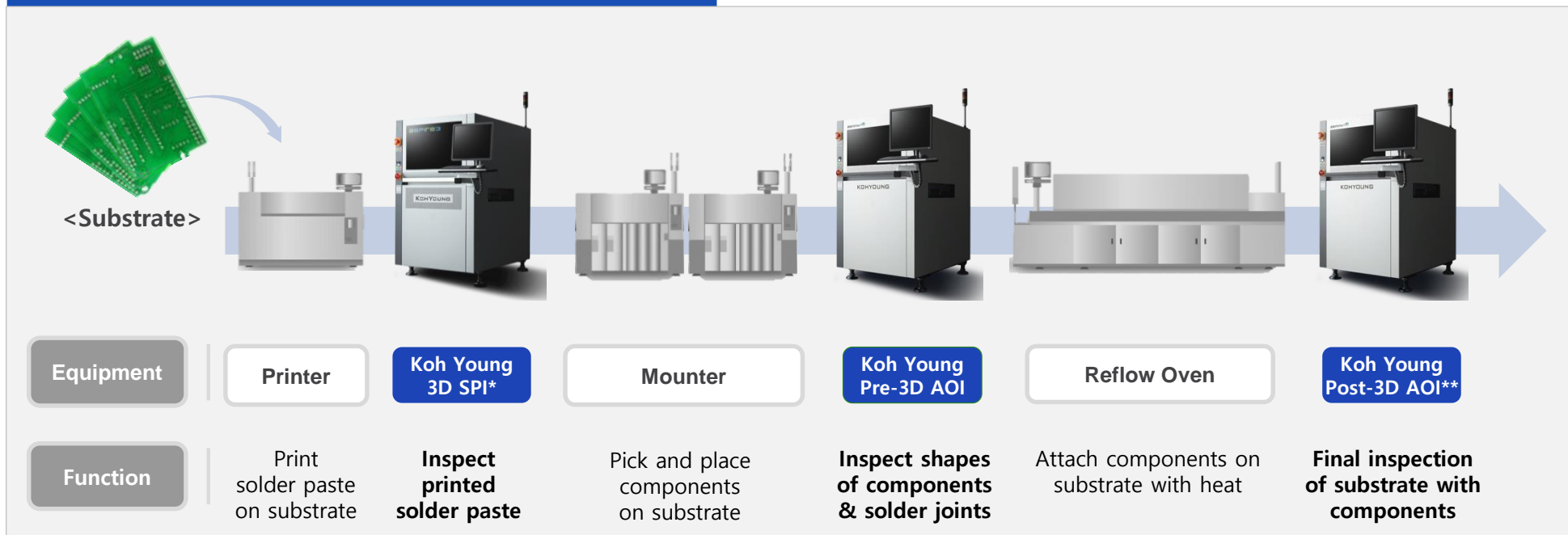


Business Information

Business Introduction

- **Provide automated inspection system and solutions which can measure appearance of objects**
 - Core Technology: Super precision 3D measurement technology, Machine vision, Robot architecture, Embedded system, Software, etc
- **Detect defects of various manufacturing processes on real-time basis and diagnose cause of defects**
 - Minimize escape and false call through monitoring the quality of solder printing and chip mounting process

Main products for electronics assembly process



* SPI: Solder Paste Inspection
** AOI: Automated Optical Inspection

Technology Competitiveness

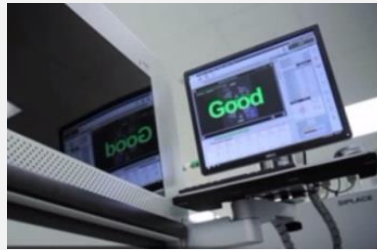
- Provide world's best 3D measurement solution based on differentiated technologies
- World No.1 technology competitiveness acknowledged by 2,400+ global companies

Existing vs Koh Young("KY") Inspection

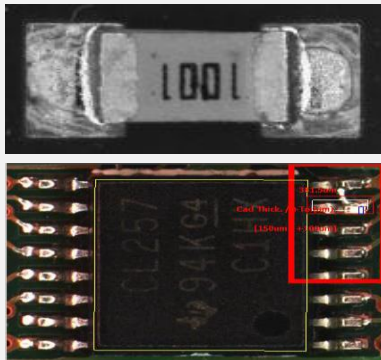
Visual Inspection



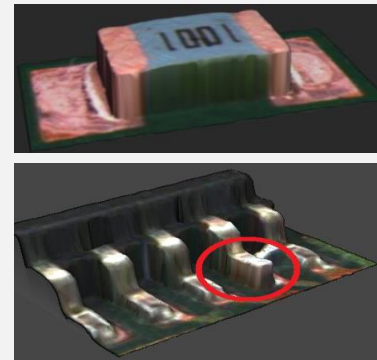
KY's Unmanned Inspection



2D Inspection Image

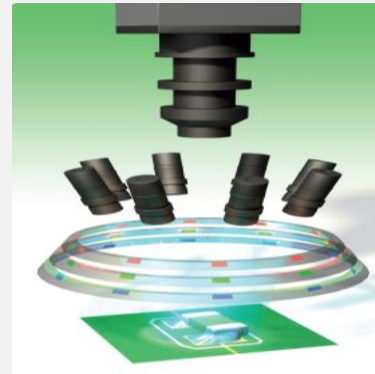


KY's 3D Inspection Image

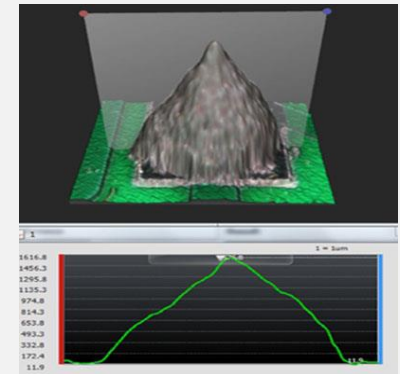


KY's No.1 Tech Competitiveness

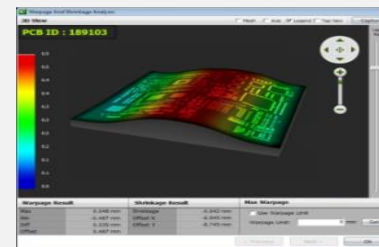
Shadow/Reflection Solution



Height Measurement



Real-time warpage solution



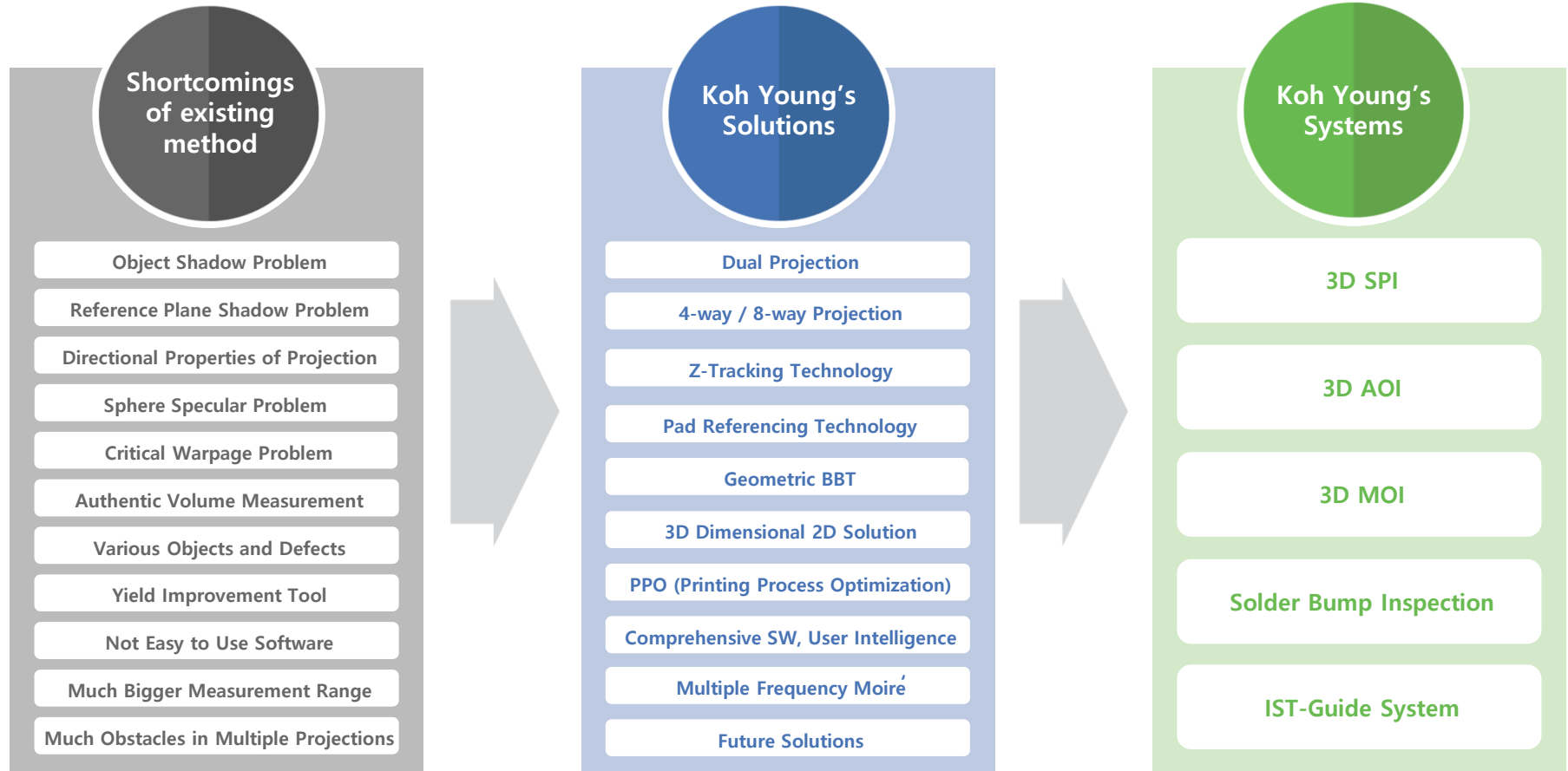
Remote Monitoring System



Technology Competitiveness (Cont'd)

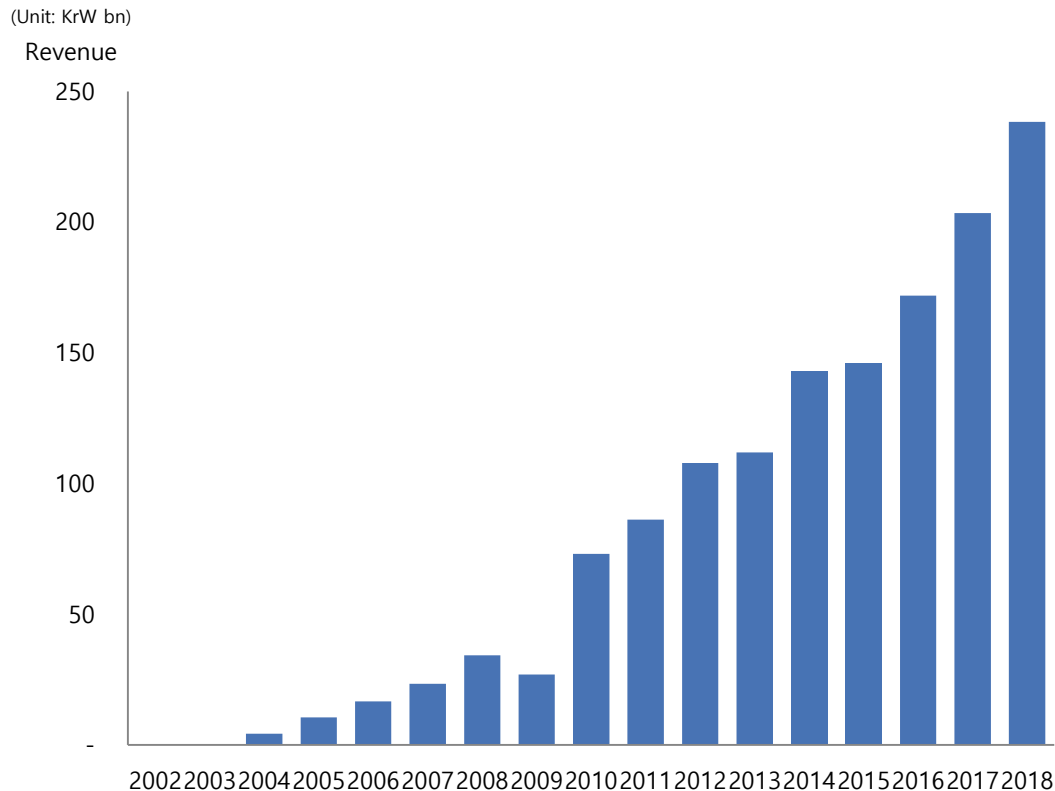
- **Satisfy clients with world's best technologies**

- Compelling 3D measurement inspection solution overcoming the shortcomings of the existing inspection method
- 483 patents registered and 273 Patents on-going (as of Sep 30, 2019)



Growth History

High-performance thru continuous innovation



Pursue growth strategy through developing new businesses based on core competencies

Introduction (‘02~‘04)

- Establishment
- Introduce world first 3D SPI

Market Entry (‘05~‘09)

- Largest M/S in 3D SPI market
- Start of R&D for 3D AOI

Growth Stage (‘10~‘13)

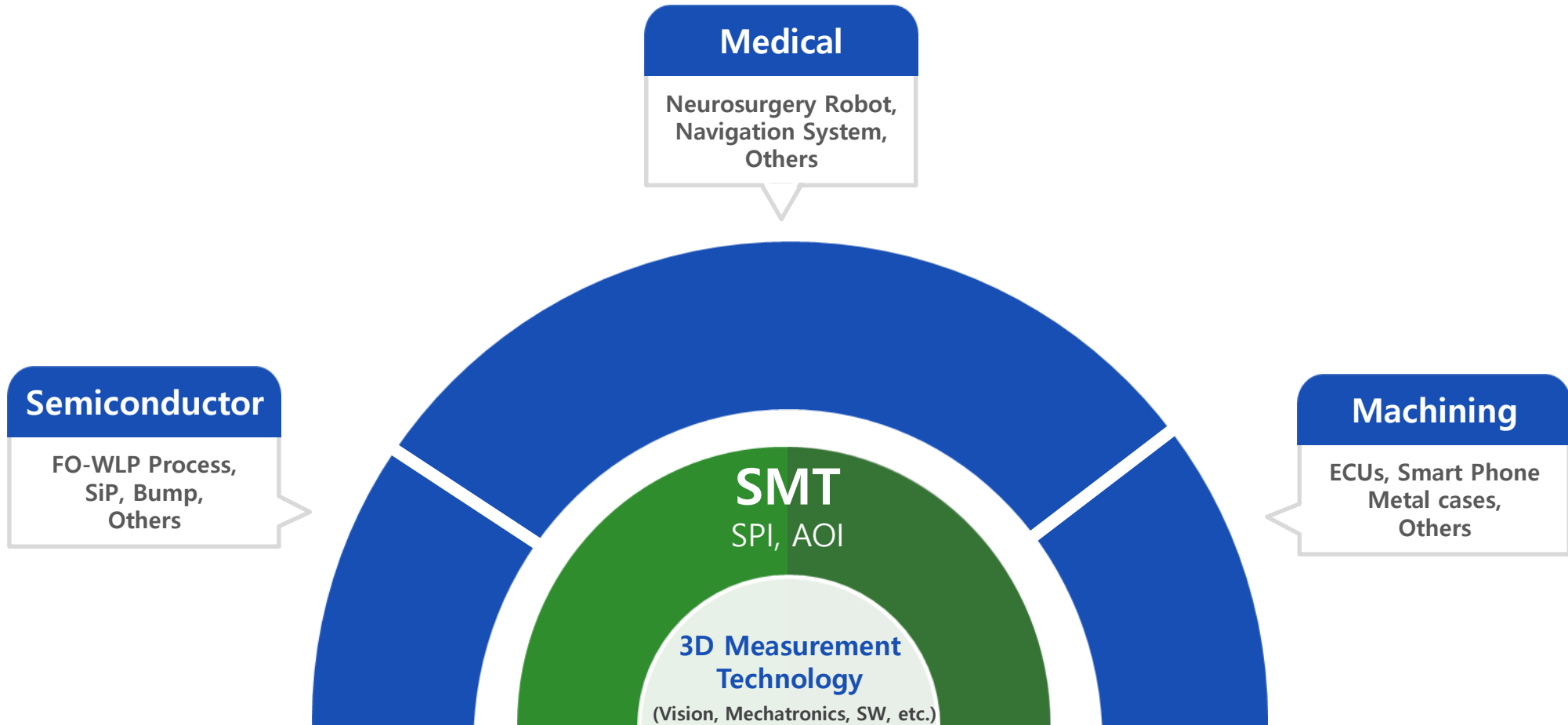
- Penetrate AOI market with 3D
- Largest M/S in SMT Inspection

Quantum Jump Stage (‘14~present)

- Expand 3D AOI business
- Create new growth drivers
 - Semiconductor Inspection
 - Machining Optical Inspection
 - Medical business

Growth Drivers for the Future

- Based on world's best 3D measurement technology,
Pursue growth strategy with 3 key drivers: Semiconductor inspection, Machining inspection and Medical business



The image features a close-up of a person's hand, wearing a blue button-down shirt, reaching forward. A complex, glowing blue digital network of interconnected nodes and lines is superimposed over the hand and the background. A large, light green triangular graphic element with a dark green border is positioned on the right side of the image, containing the text 'Company Information'.

Company Information

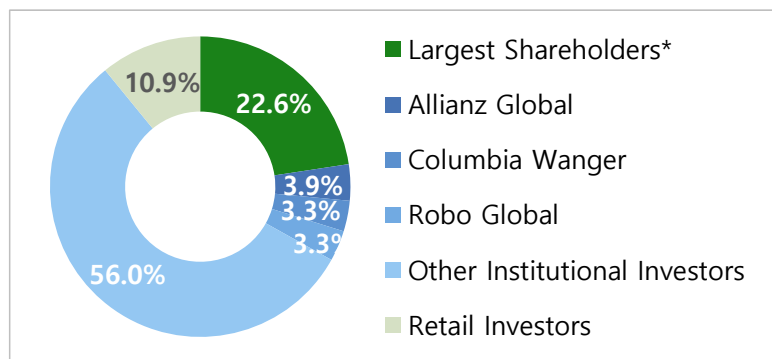
Company Information

● General

Date of Established	April 2002
Date of Listing (KOSDAQ)	June 2008
No. of Shares	13,693,951 shares
Market Value*	KrW 1,217bn
No. of Employees*	600 (Including Overseas)
(R&D Personnel*)	276

* As of Sep 30, 2019

● Shareholder Structure



* Largest Shareholders include Affiliates, Executives&Staff, ESOP, Treasury Stock

* As of Dec 31, 2018

● History

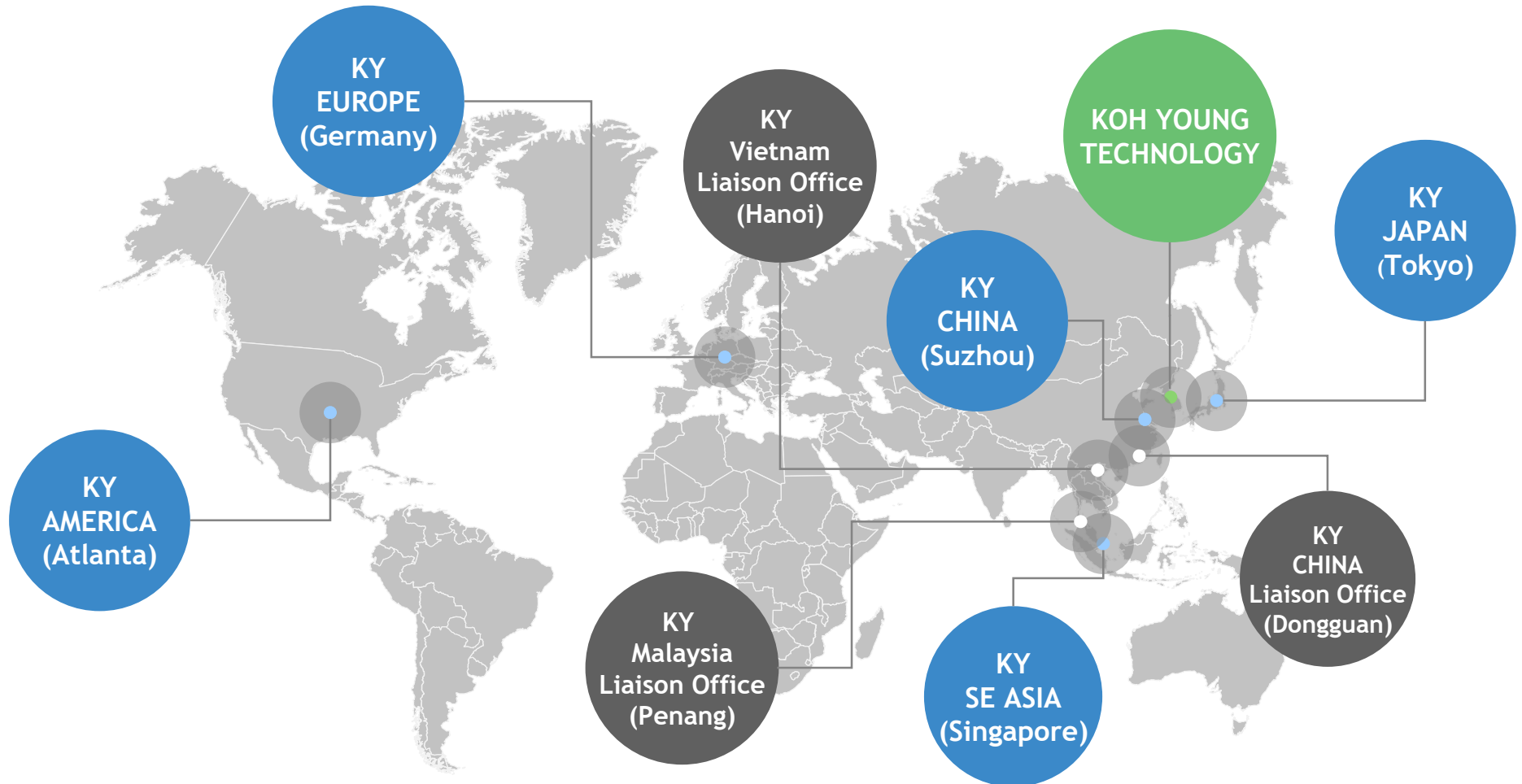
2002. 04	Established Koh Young Technology, Inc.
2003. 02	Launched Worlds' 1 st 3D SPI
2010. 06	Launched World's 1 st 3D AOI
2012. 12	Ranked 1 st in global SMT(SPI,AOI) Market
2016. 12	Won Korea Industrial Technology Award
2017. 07	Won 2017 Bosch Global Supplier Award
2017. 10	Won Celestica TCOO Supplier Award
2018. 06	Won Best 4 th Industrial Revolution Company Award
2018. 12	"World-class Korean product" for 12 yrs in a row
2019. 01	Won CA NPIs in Process Control SW and Test & Inspection

● Dividend

	Dividend per share	Total Dividend	Payout Ratio	Dividend Yield
FY2016	W400	W5.33b	19%	0.9%
FY2017	W700	W9.16b	34%	0.8%
FY2018	W650	W8.78b	21%	0.8%

Global Network

- Utilize global network for real-time support and communications with our clients



Consolidated Statement of Financial Position

(Unit: KrW bn)

	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19
Total Assets	203.9	205.2	258.5	275.1	278.8	279.1	280.8	283.7	297.2
Current Assets	159.7	161.3	211.5	219.7	227.2	227.6	223.3	222.3	234.1
Non-Current Assets	44.2	43.9	47.0	55.4	51.6	51.5	57.5	61.4	63.1
Total Liabilities	43.2	43.9	60.2	63.5	56.1	53.2	59.9	52.4	53.4
Current Liabilities	31.6	32.3	47.9	49.6	41.7	40.5	43.8	35.0	35.4
Non-Current Liabilities	11.6	11.6	12.3	13.9	14.4	12.7	16.1	17.4	18.0
Total Shareholders' Equity	160.7	161.3	198.3	211.6	222.7	225.9	220.8	231.2	243.8
Capital Stock	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
Retained Earnings	153.3	156.7	155.6	168.8	180.0	189.6	187.8	197.9	210.2
Others	0.6	-2.2	35.9	36.0	35.9	29.4	26.2	26.5	26.8

Consolidated Comprehensive Income Statement

(Unit: KrW bn)

	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	FY17	FY18	~FY19
Revenue	51.0	55.5	49.0	65.4	64.0	59.8	47.8	60.8	62.9	203.4	238.2	171.6
Cost of sales	17.7	19.1	17.9	25.9	23.6	21.9	17.5	22.4	23.8	71.9	89.3	63.7
Gross Profit	33.3	36.4	31.1	39.5	40.4	37.9	30.3	38.4	39.1	131.5	148.9	107.9
SG&A Expenses	21.3	24.6	21.8	26.8	26.4	27.9	23.6	27.4	28.3	87.8	102.9	79.4
Operating Profit	12.0	11.8	9.3	12.7	14.0	10.0	6.7	11.0	10.8	43.7	46.0	28.5
Non-Operating Profit	1.1	-7.9	0.6	4.9	0.7	0.6	2.3	2.6	4.6	-10.9	6.8	9.6
Earnings before tax	13.1	3.9	9.9	17.6	14.7	10.6	9.0	13.6	15.4	32.8	52.8	38.1
Corporate Tax	2.7	1.0	1.8	3.7	3.5	1.5	1.9	2.9	3.2	6.1	10.5	8.0
Net Income	10.4	2.9	8.1	13.9	11.2	9.1	7.1	10.7	12.2	26.7	42.3	30.1

The background image shows a laboratory or industrial environment. On the left, a white panel features a circular cutout and a Koh Young electronic device. On the right, a grey panel has a yellow triangular warning symbol and another Koh Young device. The floor is marked with blue and yellow lines. A green rectangular overlay is centered in the image, containing the text 'THANK YOU', a horizontal line, and contact information.

THANK YOU

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