

e-catalog

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# HyVISION SYSTEM company profile

Rev.8.5

Dec. 2020



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# Revision history

Rev No.	Date	Performed by	Description
Rev.0	Jul 2017		update
Rev.1	Feb 2018	S Park	update
Rev.2	Mar 2018	S Park	update
Rev.3	May 2018	S Park	update
Rev.4	Oct 2018	S Park	update
Rev.5	Feb 2019	S Park	update
Rev.6	Feb 2019	S Park	update
Rev.7	Apr 2019	S Park	update
Rev.8.0	Oct 2019	KJR	update
Rev.8.3	Mar 2020	S Park	update
Rev.8.4	Oct. 2020	Mi Lim Hwnag	update
Rev.8.5	Dec. 2020	Mi Lim Hwnag	update



specializes in

**the informatization, judgment  
and classification of objects.**

Name of Company	HyVISION SYSTEM Inc.
No. of Employees	303 (2020 3Q) (R&D 74%)
Established Date	May 14, 2002
Paid-in Capital	KRW 7.4 Billion (Par value 500)
Major business	Inspection equipment for smartphone camera module
Specialized in	Camera, Vision & Algorithm, Robotics

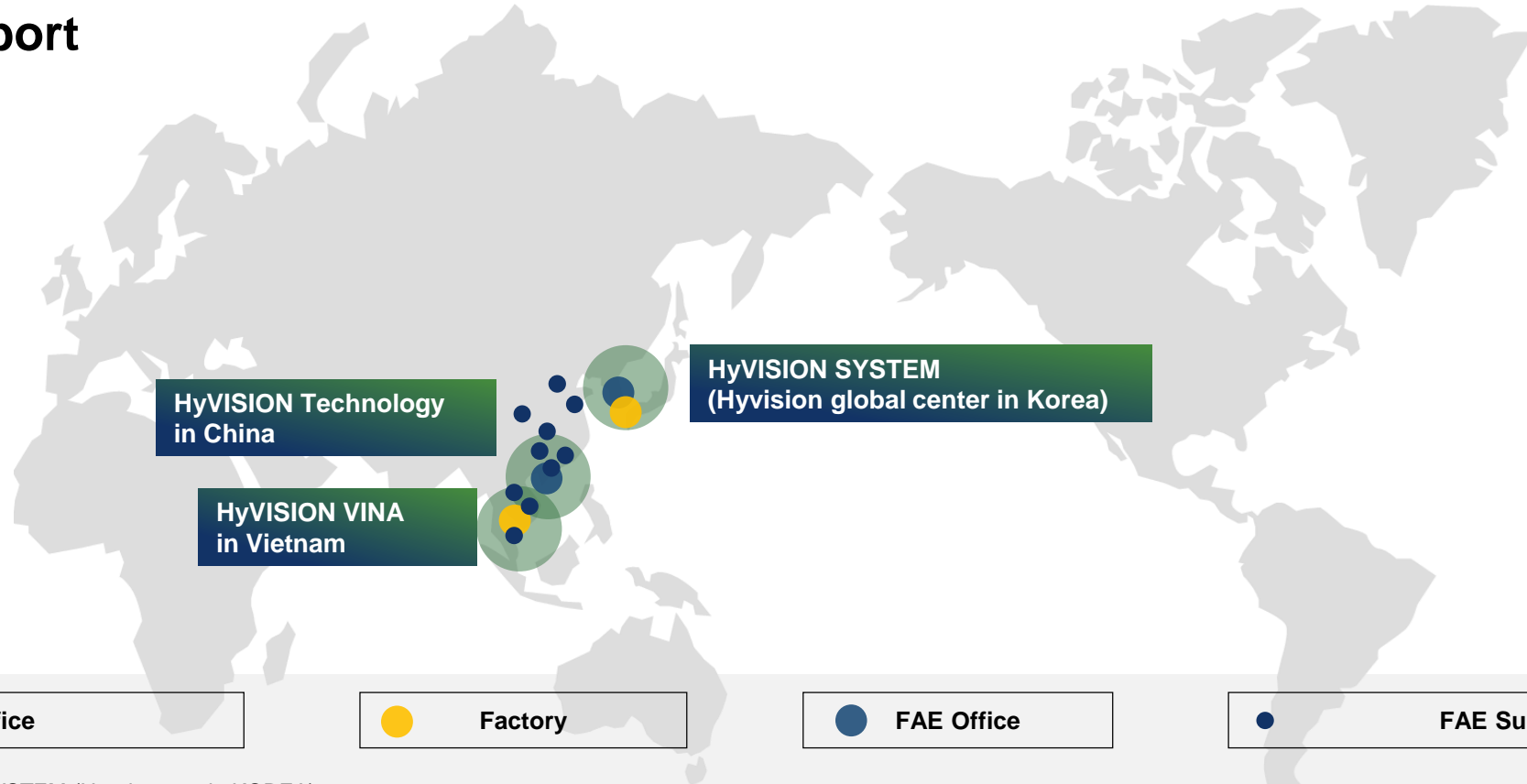
URL	www.hyvision.co.kr
Headquarters	HyVISION Global Center in Seongnam, South Korea
Contact	(T) +82-31-735-1573 (F) +82-31-735-1574 (E) hyvision@hyvision.co.kr
Others	Listed on KOSDAQ stock market in Korea, 2012

**David Choi  
CEO/Founder**

- `93 Anam Elec. HD Team /SW Dev.
- `94 Gachon Univ. Electronics B.A
- `95 Hansol Elec. /HW Dev.
- `97 Hynix System IC /HW Dev.
- `02 Hyvision system CEO/Founder



# Global support



**Office**



HyVISION SYSTEM (Headquarter in KOREA)  
Hyvision global center  
Sales, Design, FA, Manufacturing



HyVISION TECHNOLOGY (Located in CHINA)  
Sales, FA



HyVISION VINA (Located in VIETNAM)  
Sales, FA, Manufacturing

**Factory**



Seongnam, Korea  
Bac Ninh, Vietnam

**FAE Office**



Gumi, Korea  
Dongguan, China  
Bac Ninh, Vietnam

**FAE Support**



Shanghai, China  
Shenzhen, China  
Dongguan, China  
Nanchang, China  
Guangzhou, China  
Zhengzhou, China  
Suzhou, China  
Kunshan, China  
Ho chi minh, Vietnam  
Bac ninh, Vietnam  
Vinh phuc, Vietnam  
Hai phong, Vietnam  
Ninh binh, Vietnam  
Phu tho, Vietnam

# Improved production capacity

INHOUSE production capacity 3,636m<sup>2</sup>

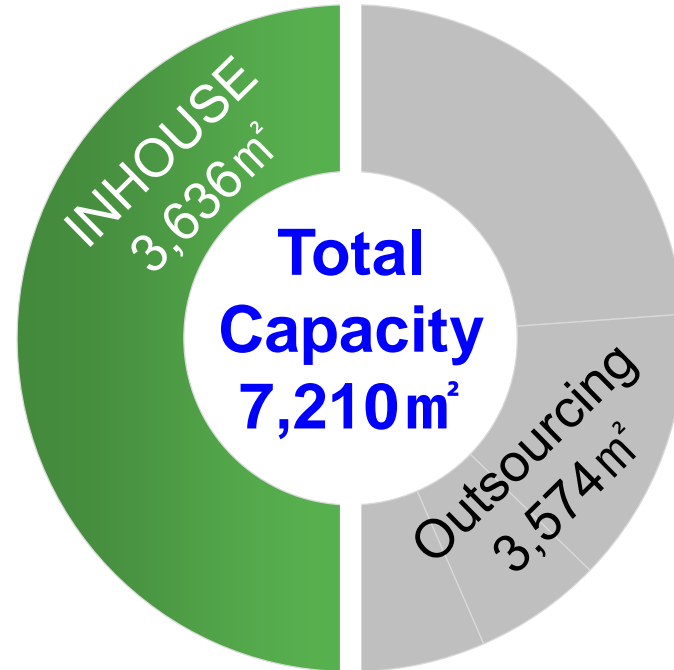
Outsourcing production capacity 3,574m<sup>2</sup>



Inhouse factory building (1<sup>st</sup> floor)



Inhouse factory building (2<sup>nd</sup> floor)



Outsourcing plant(1) 1,720m<sup>2</sup>



Outsourcing plant(2) 966m<sup>2</sup>

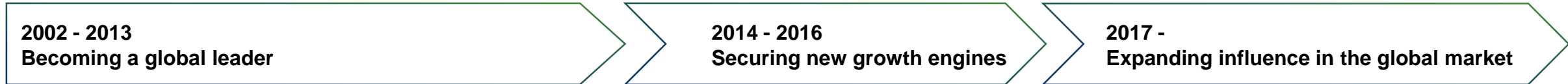


Outsourcing plant(3) 448m<sup>2</sup>



Outsourcing plant(4) 440m<sup>2</sup>

# Company history



**2002 - 2013**  
Becoming a global leader

- ◆ **2002**
  - Established HyVISION SYSTEM
  - USB 1.0 Grabber Board released
  - CCM Manual Tester released
- ◆ **2008**
  - CCM Semi-auto Tester released
- ◆ **2010**
  - CCM Full-auto Tester released
- ◆ **2012**
  - USB3.0 Grabber Board released
  - Opened 2 offices (Chinese and Gumi Korea)
  - Listed on KOSDAQ, Korean stock market
- ◆ **2013**
  - Established IRV-Tech, a subsidiary specializing in FA component

**2014 - 2016**  
Securing new growth engines

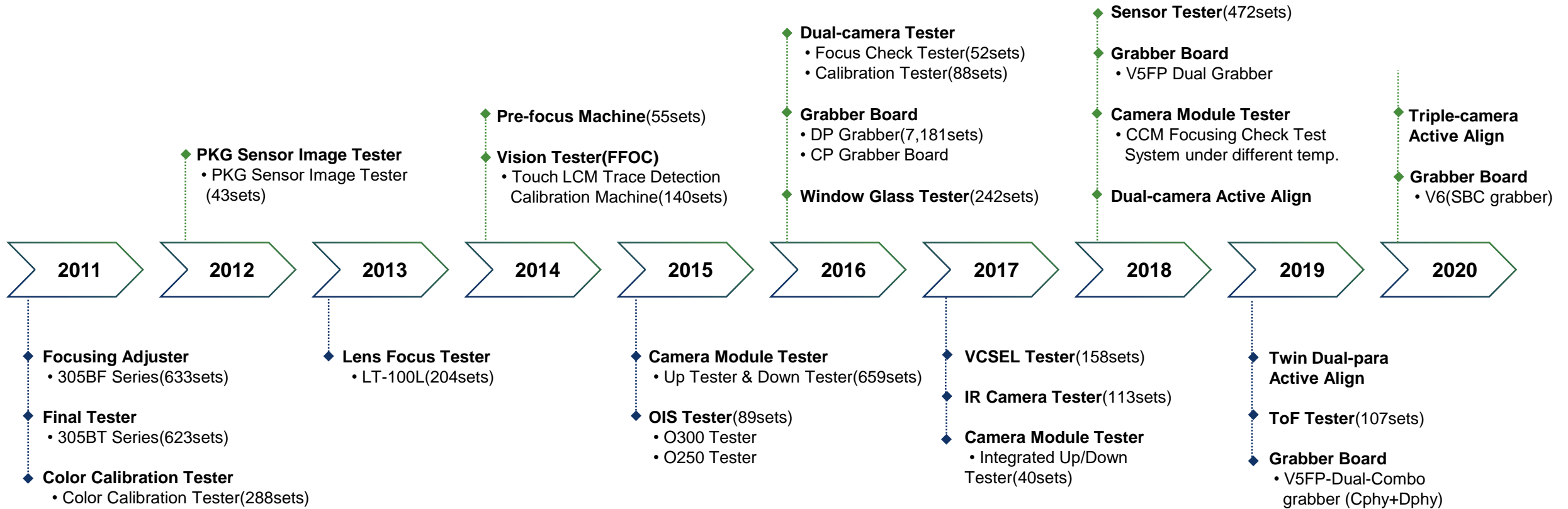
- ◆ **2014**
  - **Optical Calibration Tester released (Pattern Tester)**
- ◆ **2015**
  - Launched a 3D Printer brand, 'Cubicon'
- ◆ **2016**
  - Dual-camera Tester released

**2017 -**  
Expanding influence in the global market

- ◆ **2017**
  - **VCSEL tester released**
  - Established a subsidiary, Cubicon
  - New factory in Vietnam
  - 50Million dollars Export Tower awarded
- ◆ **2018**
  - **Sensor Tester released**
  - Established Furonteer, a subsidiary specializing in FA component (merged IRV-Tech and Furonteer)
  - 100Million dollars Export Tower awarded
  - Built the new building (HyVISION Global Center)
- ◆ **2019**
  - **Twin Dual-para Active Align released**
  - **ToF Tester released**
  - **Grabber Board(Cphy & Dphy Combo) released**
- ◆ **2020**
  - **Triple-camera Active Align released**
  - **V6(SBC Grabber) released**

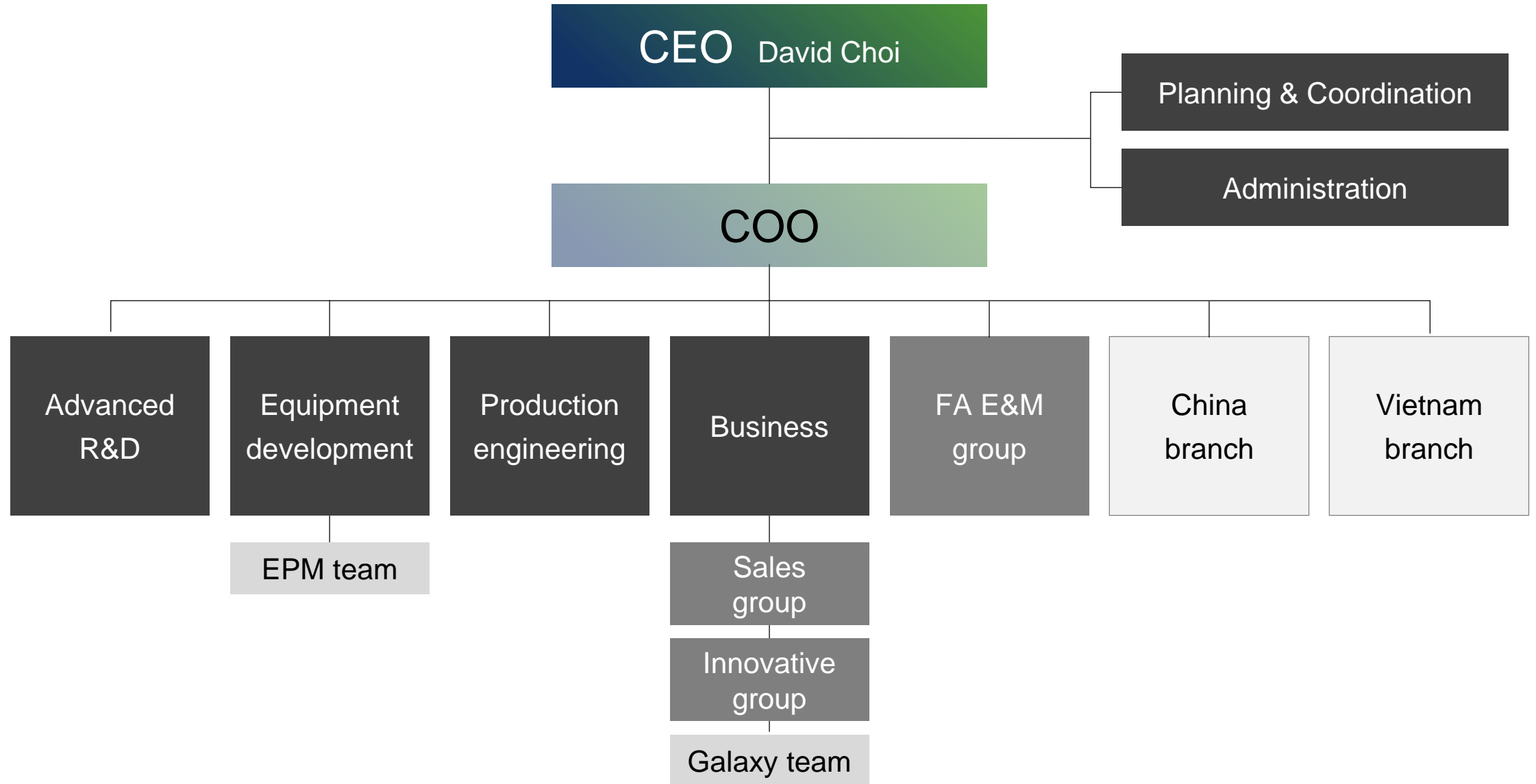
# Product history

[@sets : total sales volume since developed]





# Organization

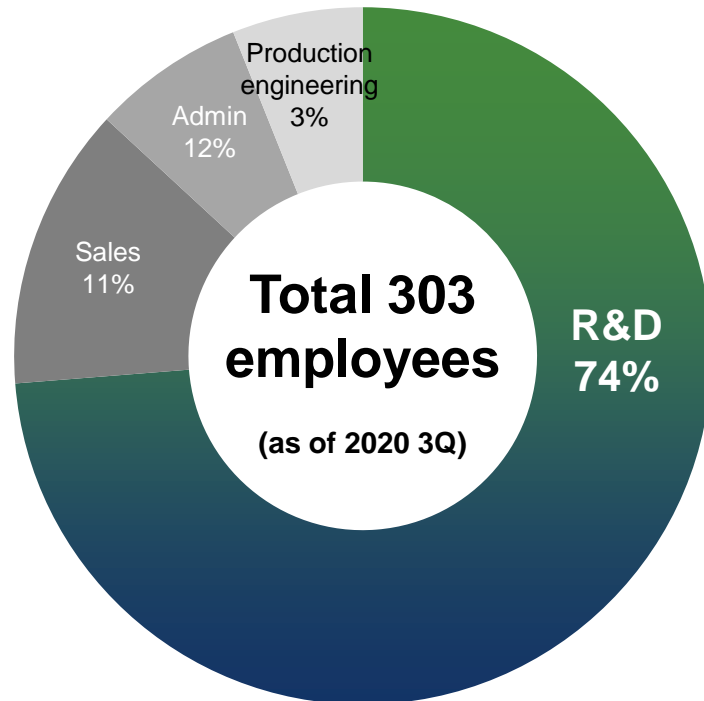


## R&D investment for sustained growth

R&D Engineer

**>70%**

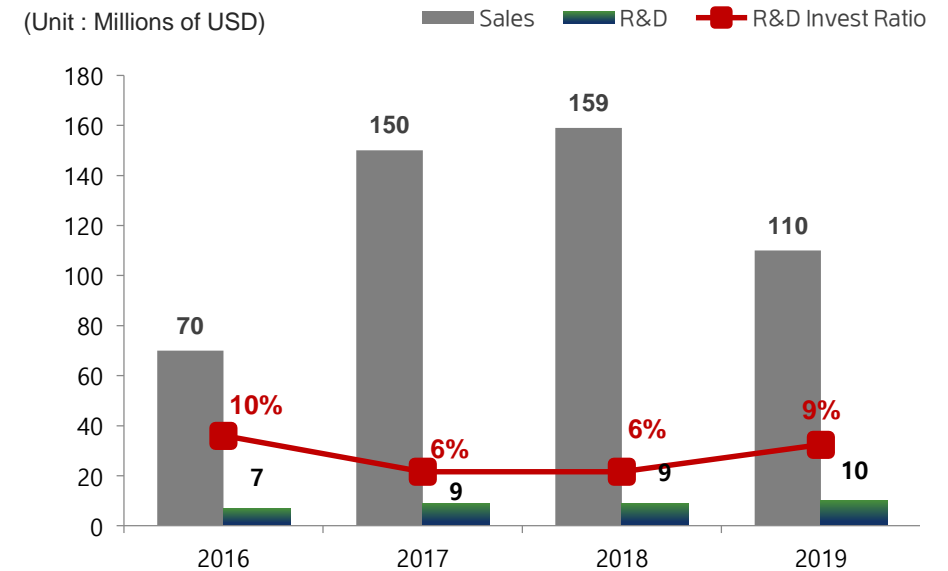
of total employees



Investment in R&D









**5%~15%**

of annual sales investing in R&D

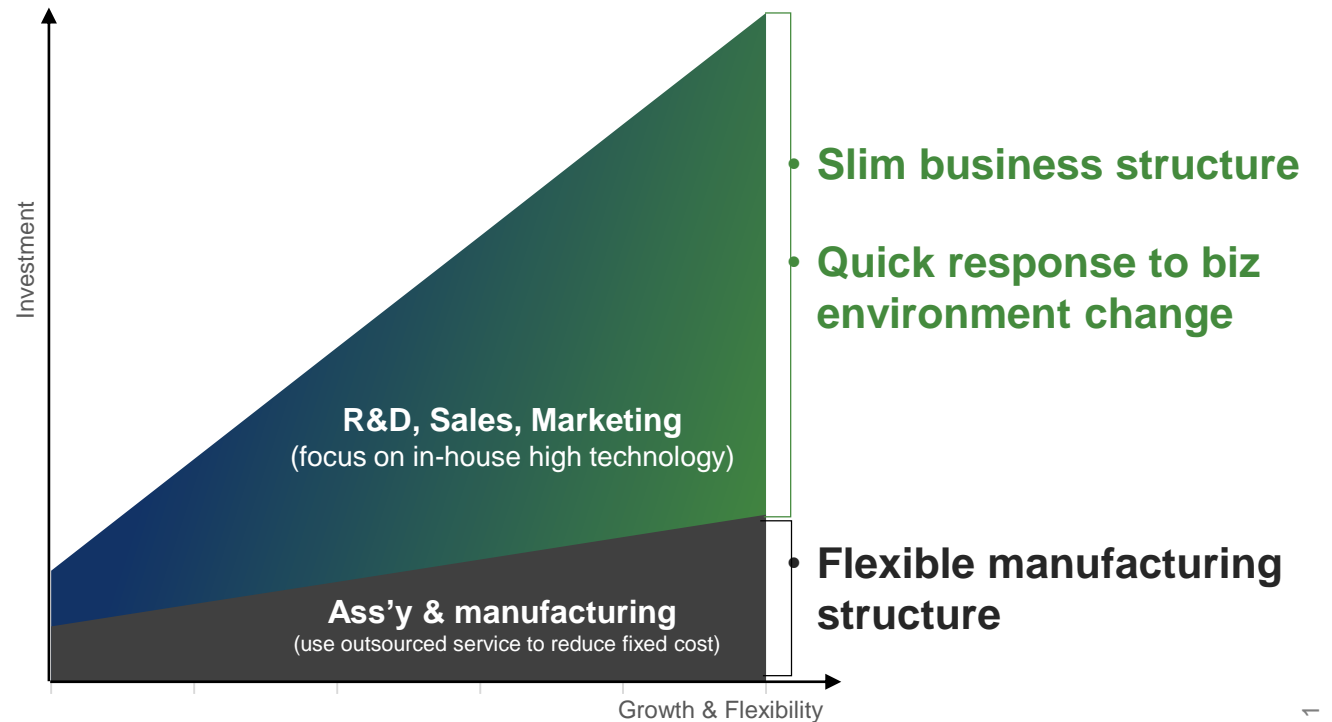


# Investment strategy

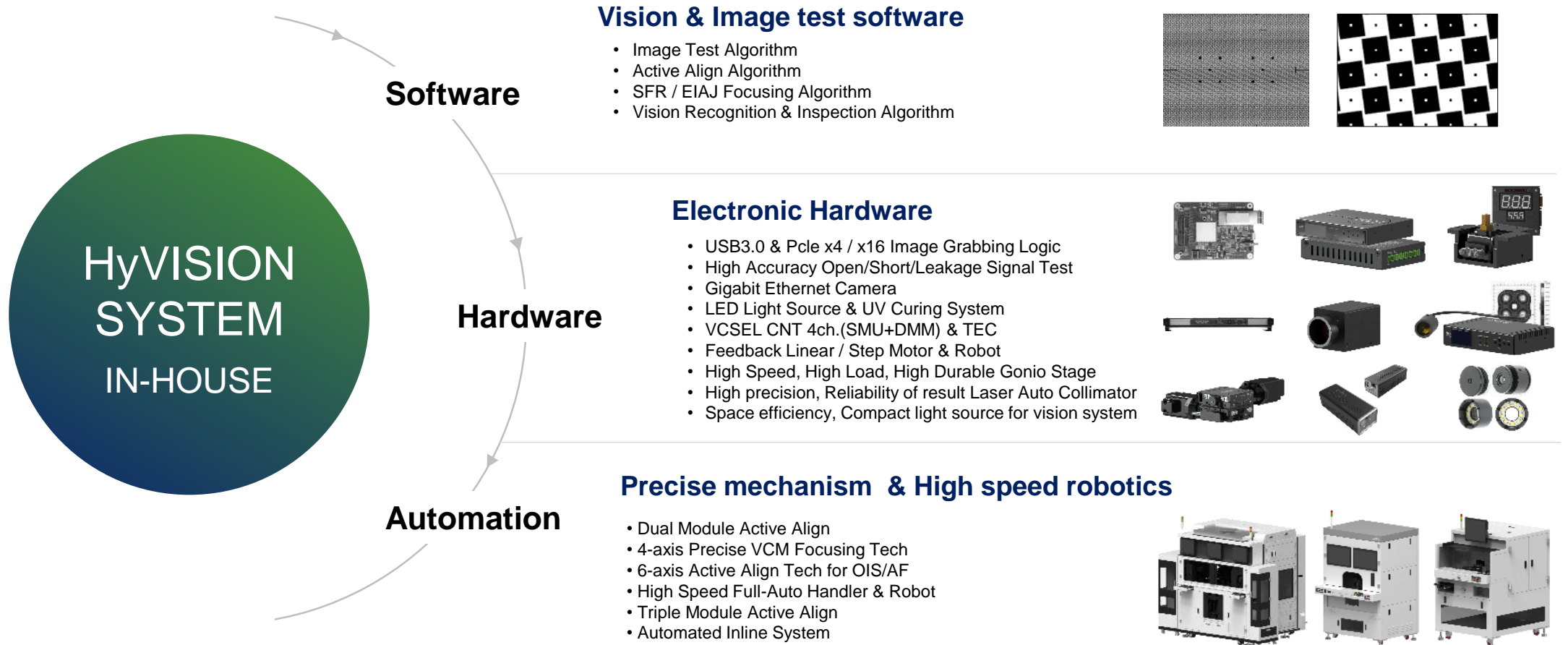
## Make in-house system stronger

 <b>Machine Vision SW</b> <ul style="list-style-type: none"><li>- Camera recognition</li></ul>	 <b>Signal Measurement</b> <ul style="list-style-type: none"><li>- Source meter unit</li><li>- TEC unit</li><li>- Open-short tester</li></ul>
 <b>Camera Logic</b> <ul style="list-style-type: none"><li>- Camera grabber board</li><li>- Vision camera</li></ul>	 <b>FA</b> <ul style="list-style-type: none"><li>- Dedicated specialists</li></ul>
 <b>Auto Handler</b> <ul style="list-style-type: none"><li>- Linear robot</li><li>- Motion control</li></ul>	 <b>Special Tester</b> <ul style="list-style-type: none"><li>- Active Align (Single &amp; Dual)</li><li>- OIS Tester</li><li>- Phone Tester</li></ul>
 <b>Camera Module</b> <ul style="list-style-type: none"><li>- Inspection tester</li><li>- Final tester</li><li>- Calibration tester</li></ul>	 <b>Fabrication</b> <ul style="list-style-type: none"><li>- In-house factory</li></ul>

## Focus on high valuable technology



# HyVISION's own core technologies



# Strategic Component Line-up

## Image Grabber Board



V6 (SBC)



Canyon3\_J



Canyon3\_SF\_Triple



Canyon3\_SF



Canyon3\_SF\_Dual



Canyon\_ST

## Smart Components



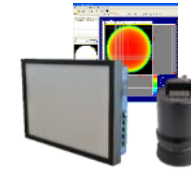
Vision Camera



Compact Camera & Lighting Solution



Laser Auto Collimator



Light Source



Switching Mode Power Supply



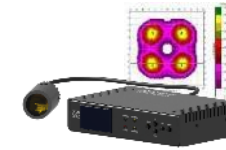
Linear Robot



Gonio Stage



Motorized Auto Socket



4Beam UV Cure System



Digital microscope



Encoder Motor Driver



Source Measure Unit



Open-Short Tester

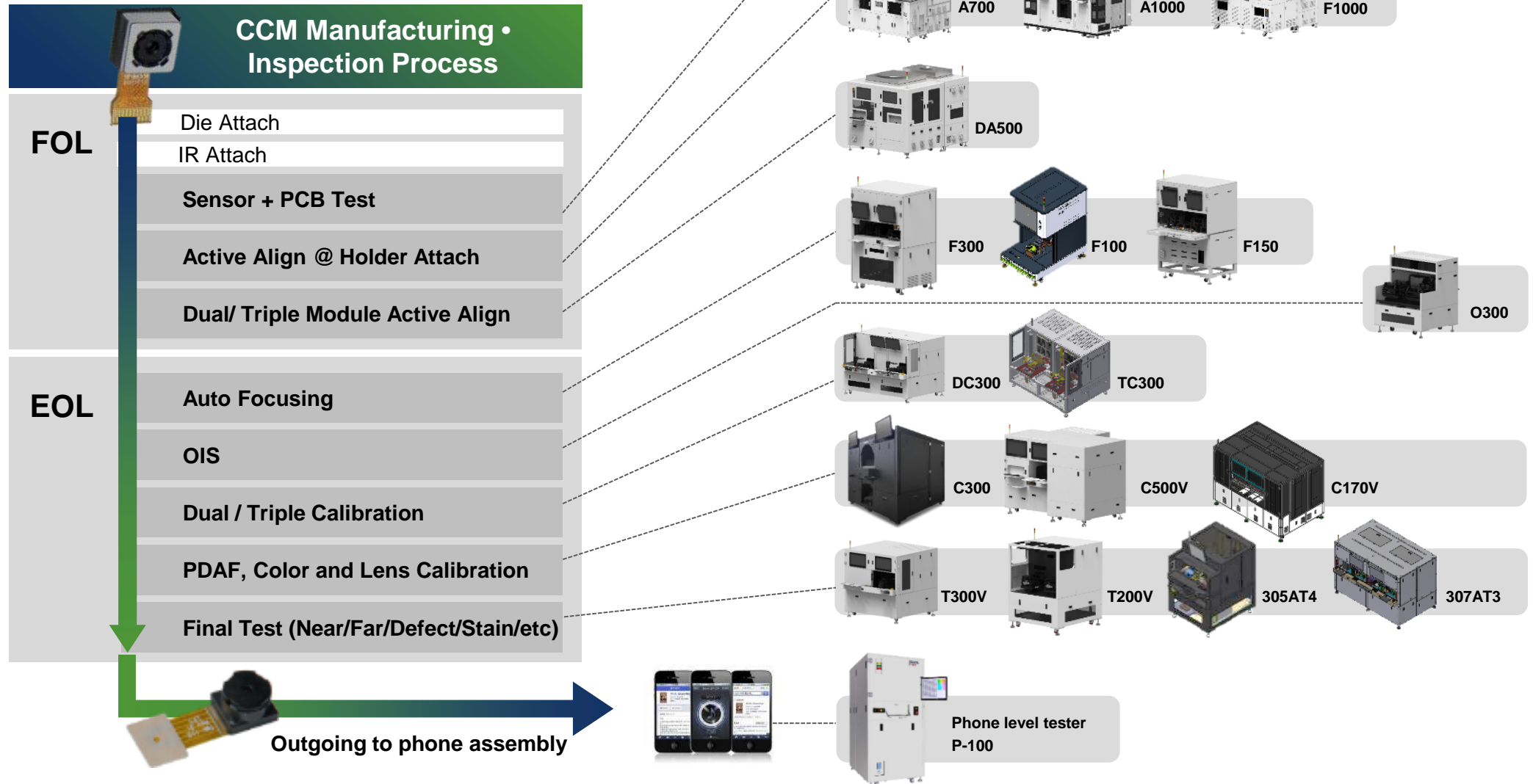


TEC Controller & block



Industrial PC

# Qualified total solutions provided at one time



# 3D Printer

## Core technology

### ✓ Unique High Quality

CUBICON takes the lead in applying market-leading technology to 3D printers. Only the CUBICON 3D printer can achieve the precision of the working mock-up level

### ✓ Easy and Convenient Use for Anyone

It is not a great product if it is hard to learn and hard to use. The CUBICON 3D printer is designed to make it easy and convenient to use for all of us who are nonprofessional

### ✓ High Safety

Schools that have strict standards are using CUBICON products. CUBICON pursuits that users utilize 3D printers safely and healthily without worrying about noise, smell, and environment

### ✓ Rapid and Accurate Maintenance

In addition to providing information through various channels to help users continuously utilize the 3D printer, skilled maintenance engineers offer technical support

## Products



Superior quality, ease of use, and expert performance

**Style Plus**



The criteria of 3D printer for desktops that are easy to use for everyone

**Single Plus**



Best quality with only one layer, High-performance 3D printer

**Style Neo -A22C**



*\*To be released in 2020*

The output of large sculptures, Noiseless 3D printer

**Style Neo -A31C**



The innovation of dentistry and the beginning of digital dentistry

**Style Dental**



The top efficiency industrial 3D printer that is attributed to two nozzles

**Dual Pro**



The Masterpiece DLP 3D printer that shortens output time and enables to utilize various resins

**Lux DLP**



*\*NEW in 2020*

Korea's leading industrial 3D printer developed and produced in Korea

**MAX600**

FFF(FDM)

DLP

SLA



# Thank you