

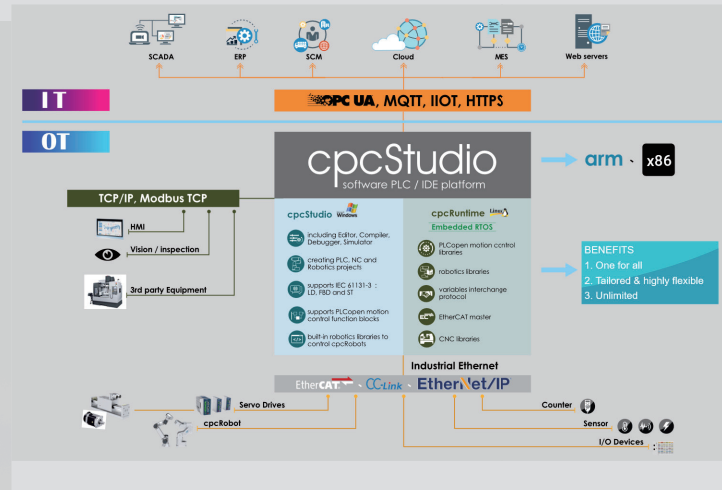


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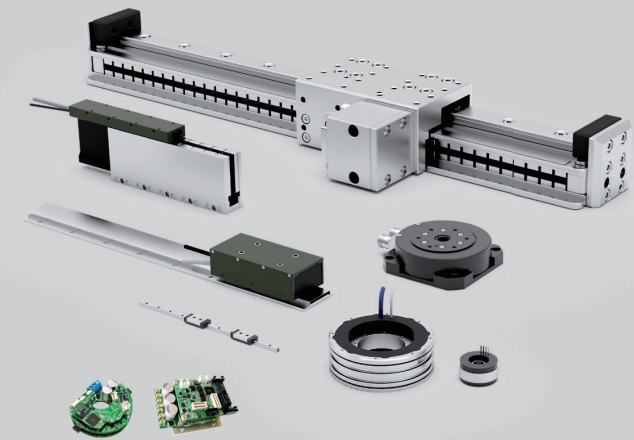
## cpcRobot



## cpcStudio



## cpcCells



# cpc's Founders



*Angelika Chen*

Chairperson & CEO

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Art History of Universität Stuttgart



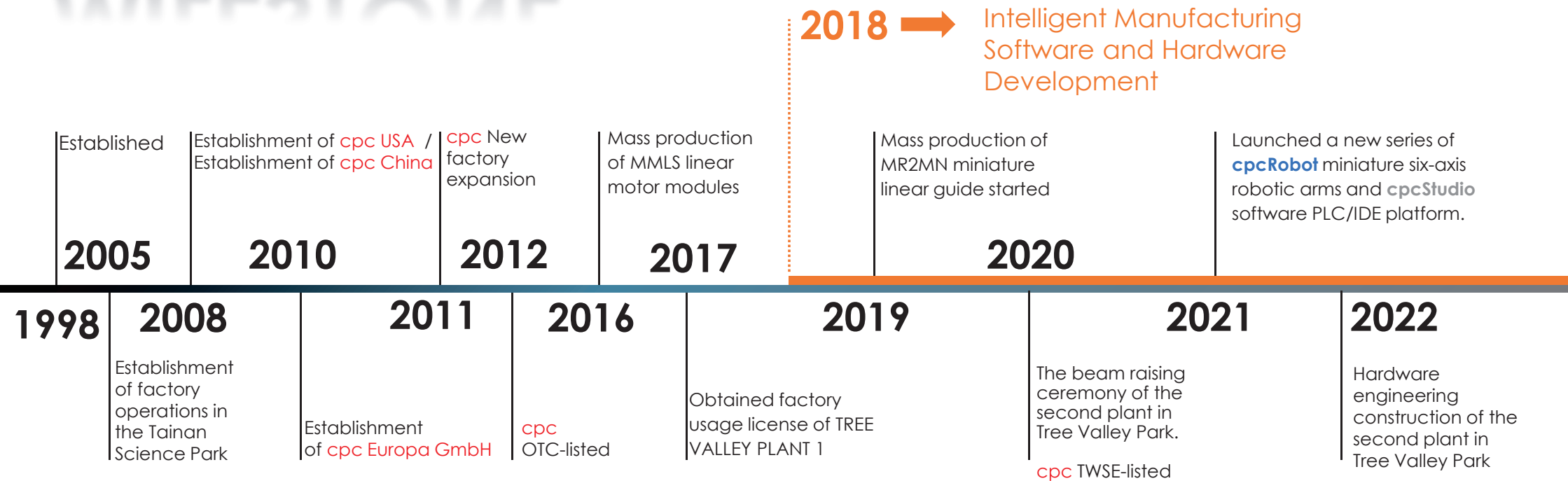
**Anton Hsu**

President

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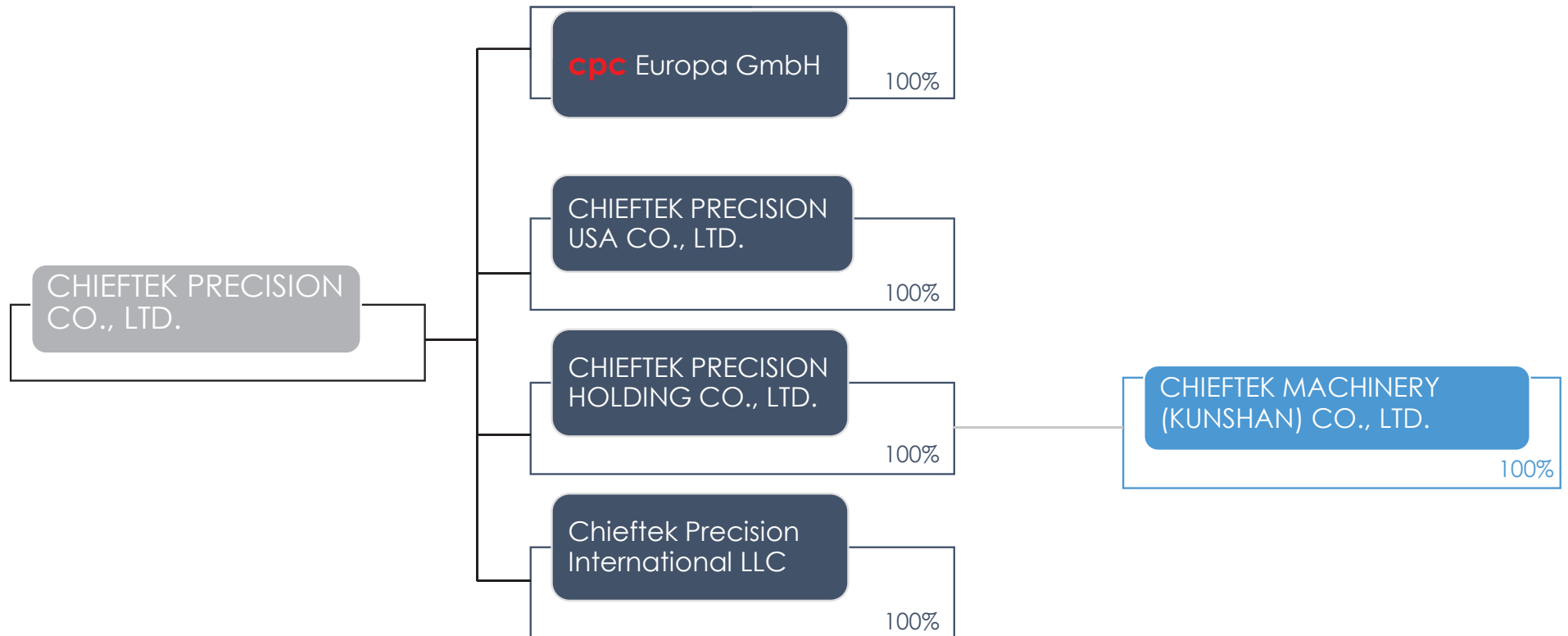
Diplom Ingenieur of Mechanical Engineering of  
Universität Stuttgart

# MILESTONE



**2018** → Intelligent Manufacturing  
Software and Hardware  
Development

# Organizational chart

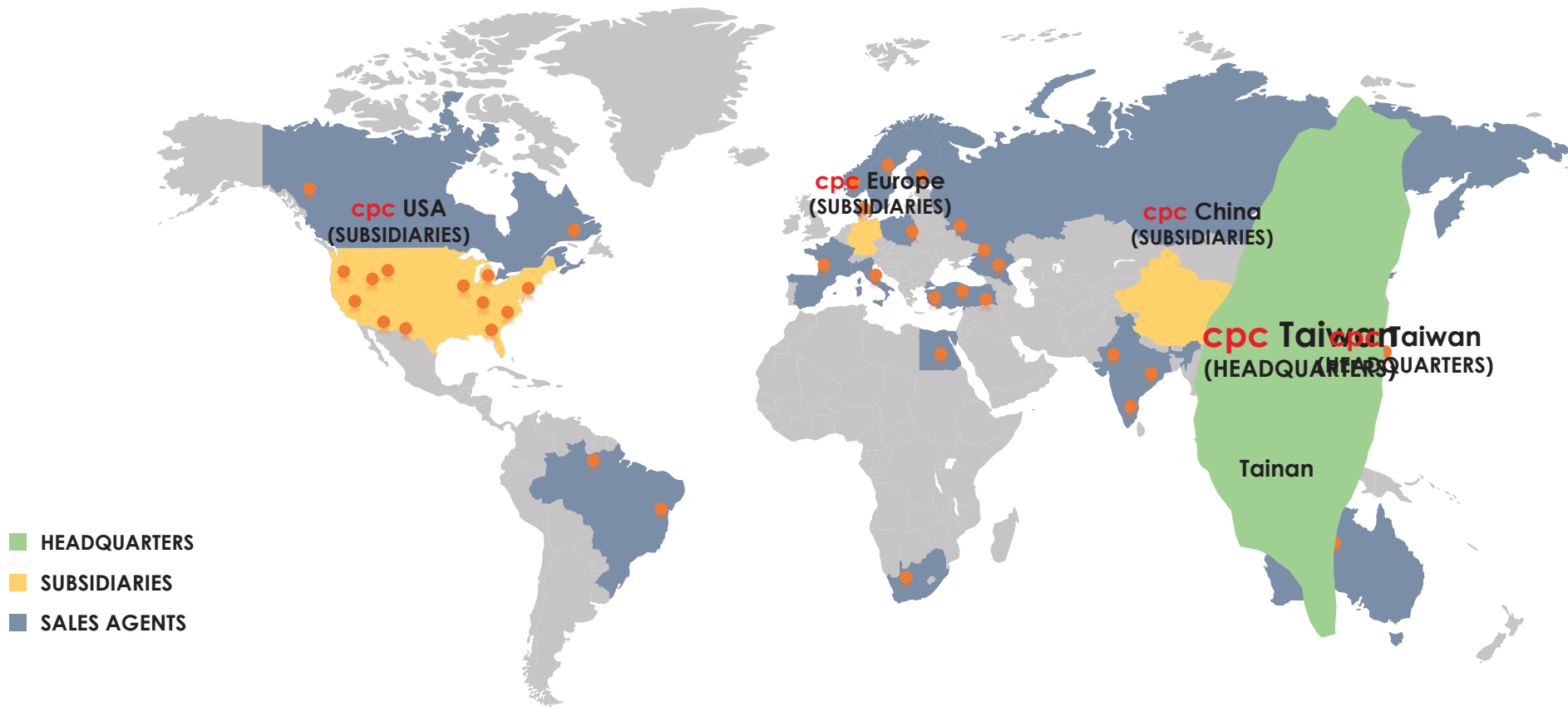


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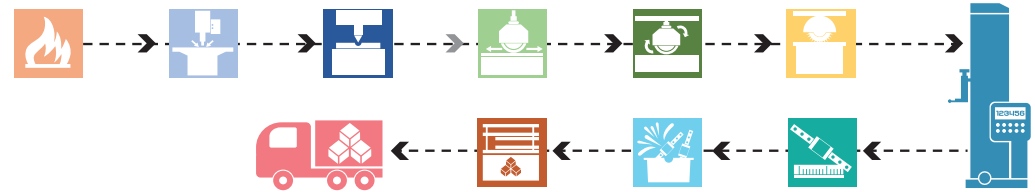
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# cpc HEADQUARTERS

Science Park Plant : Floor - 22616 m<sup>2</sup>



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# TREE VALLEY

Total solar power generation 1.35MW

Plant 1: Floor - 3766 m<sup>2</sup>





# cpc Smart Factory Architecture Content in Tree Valley



## cpc Smart management

IIOT

Information security

Remote order

Capacity return

Monitoring room

Production Planning & Scheduling

Manufacturing Execution System (MES)

Material management (MRP/LRP)

Equipment maintenance and real-time monitoring

## cpc Equipment automation

1. Automation of material Handling (automatic storage system, unmanned guided vehicle, automated material transportation)
2. Equipment automation (centralization of processing systems - cooling, suction, filtration, waste etc.)  
(Component/Drive/Control System - Integrated Unified Platform)
3. Process automation (process management, fixture management, tool management)
4. QC automation (automatic measurement record, automatic data feedback, automatic process correction)
5. Assembly and packaging automation

# cpc USA



Warehouse



Sales



Finishing



Application Engineering





# cpc China



Warehouse



Sales



Finishing



Application Engineering



# cpc Europe



Warehouse



Sales



Finishing



Application Engineering





# **New Investment in Germany**

# cpc's new plant in Geisingen

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# cpc's new plant in Geisingen



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# cpcCells

Linear guide series,  
Servo motor series,  
Sensor series,  
Servo drive series,  
Linear / Torque motor stage series



2021 Industrial automation Gold

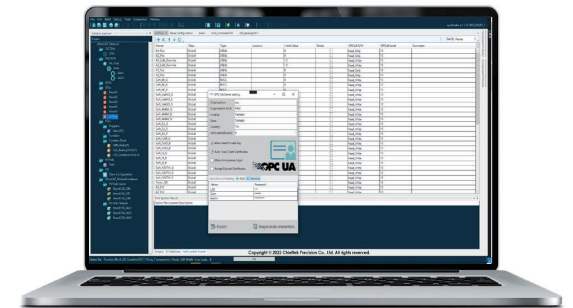
# cpcRobot

Miniature High Precision 6-Axis  
Robotic Arm - S0, DB0 series  
Automatic tool changer - ATC series



# cpcStudio

PLC / IDE platform  
software PLC / IDE platform



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# Smart manufacturing





2021 Industrial automation Gold

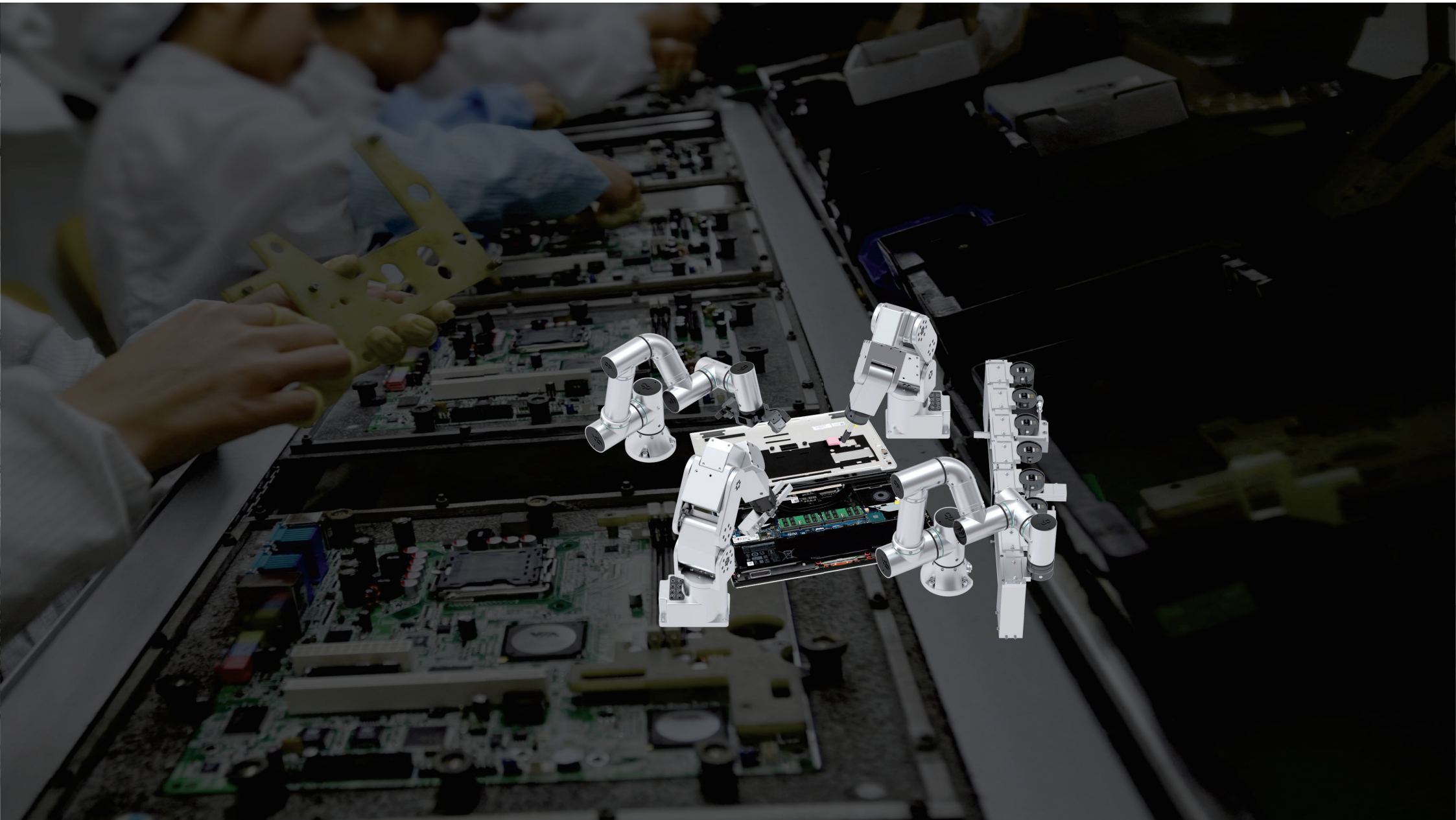


cpcRobot  
6-axis robot

cpcStudio  
PLC / IDE platform











# cpcRobot

## 6-axis Miniature Robot Arm



### Optional

#### cpcStudio

##### A. EtherCAT configuration

- Multi-axis motion control
- Remote I/O device
- Sensor

##### B. Software PLC

- Support ICE-61 I31-3 with LD, ST, and FB language.
- PLCopen motion library
- Modbus TCP
- OPC-UA server

#### ATC Automatic tool changer system

- 100% mechanical movements / no external power required
- High repeatability  $\pm 10 \mu\text{m}$

#### VA Vacuum gripper

- Built-in vacuum pump
- Pressure detector
- Plug and play
- Variable vacuum pad

### HMI / APP control tool

#### Programming / Edit mode

##### A. Interpreter

##### B. Instructions catalog

- Variable declaration
- System command
- Bitwise operations
- Math command
- Motion command
- Flow control
- Import point directly

#### Teachin mode

##### A. Hand drag

- Point record
- Path record

##### B. Jog

##### C. Target command

#### Run script

##### A. Stop

##### B. Step mode

##### C. Speed Override

#### Simulator (HMI)

#### Robot config

##### A. Coordinate setting

- Workpiece coordinates
- Tool coordinates

##### B. Tool setting

##### C. Posture setting

##### D. Tool I/O setting

#### Robot information

##### A. Current

##### B. Voltage feedback

##### C. Position feedback

##### D. Position Remain

##### E. Mode switch

#### Robot safety

##### A. Torque limit

##### B. Position limit

##### C. Force limit

##### D. Power limit

##### E. Momentum

### Features

#### Small footprint

- A. Smaller than DIN A4 size
- B. Weight < 5 kg

#### High repeatability

- SO  $\pm 10 \mu\text{m}$
- DB0  $\pm 5 \mu\text{m}$

#### Joint

- A. Modular design
- B. Status Indicator

#### Collision detection

#### Tool I/O

- 2 analog input, 2 digital input, and 2 digital output
- Support multiple digital output types

#### Safety certification

#### Support advanced language control

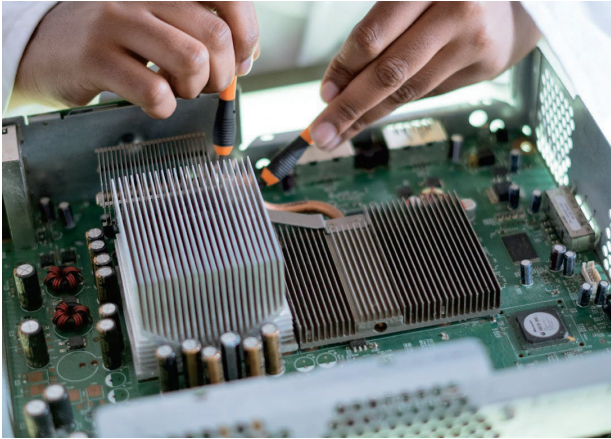
- C++C#
- Command string

#### Crossing singularity

#### End joint infinite rotation

#### IP rating

- SO : IP54
- DB0 : IP40



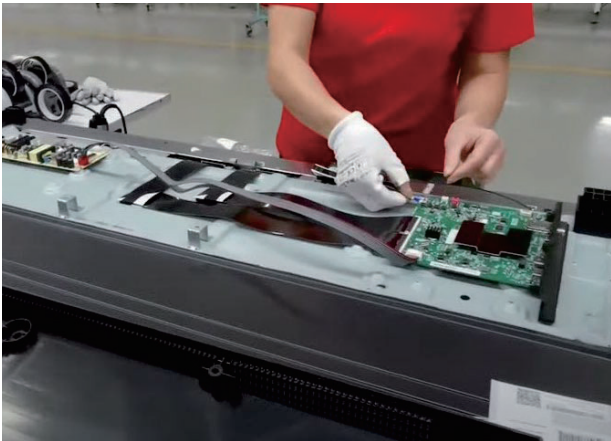
PC industry



Mobile phone industry



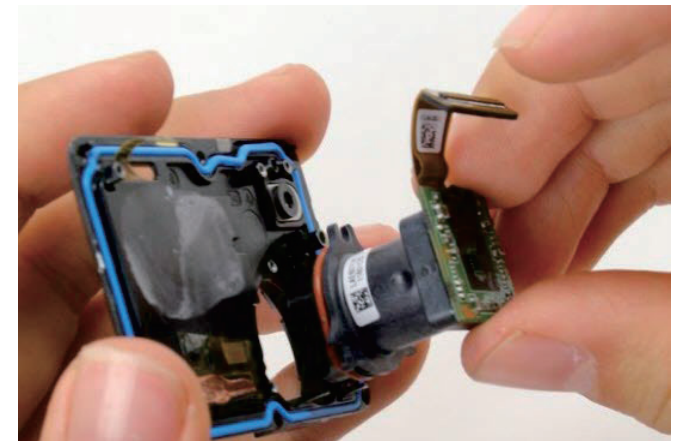
Medical industry



Panel industry



Horologe industry



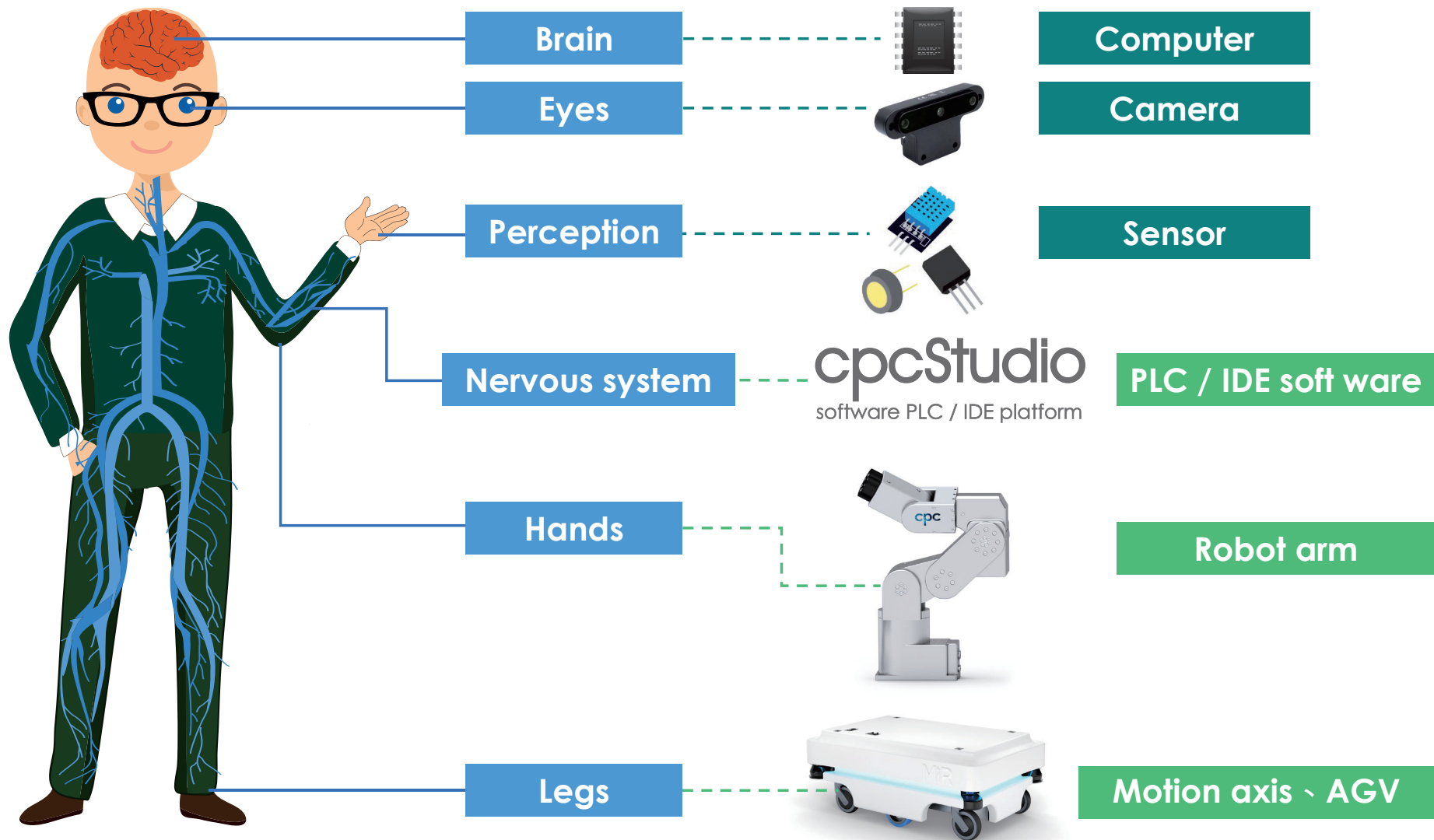
Optical industry

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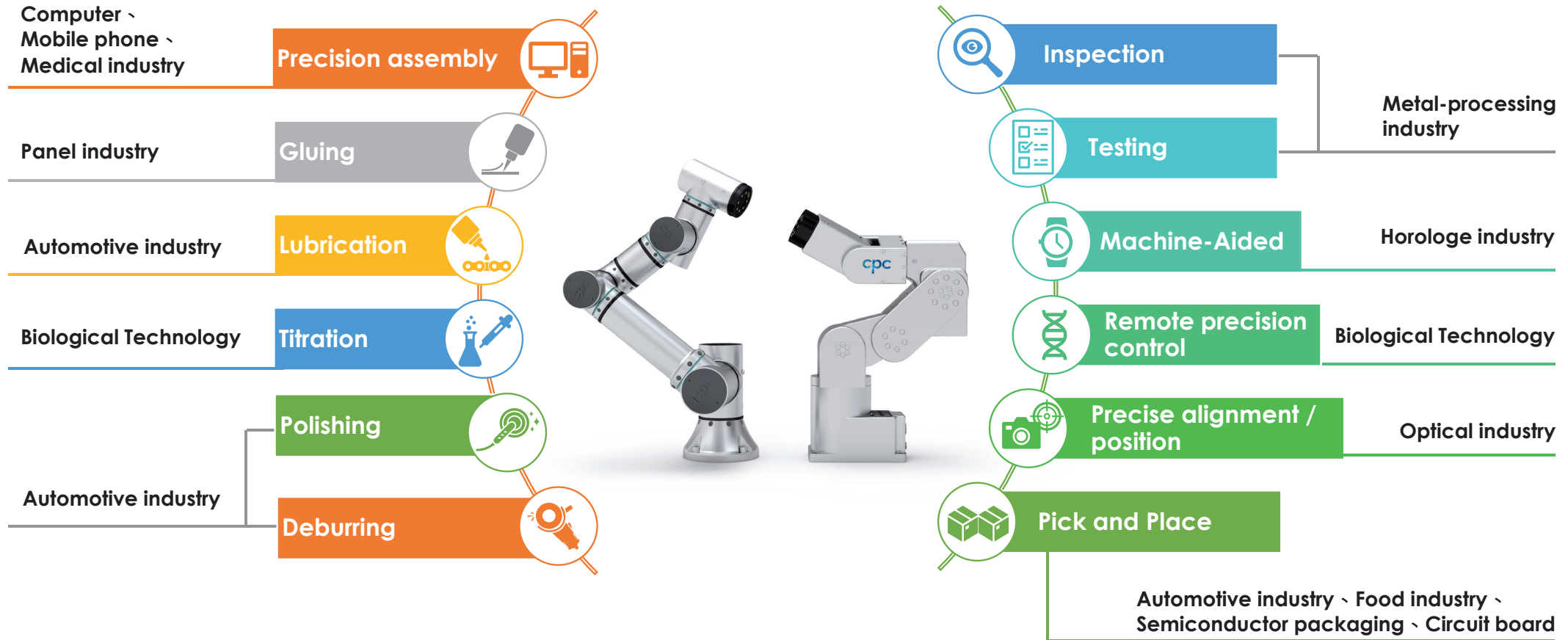
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# Miniature robot arm application



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# Financial Result

Financial Result

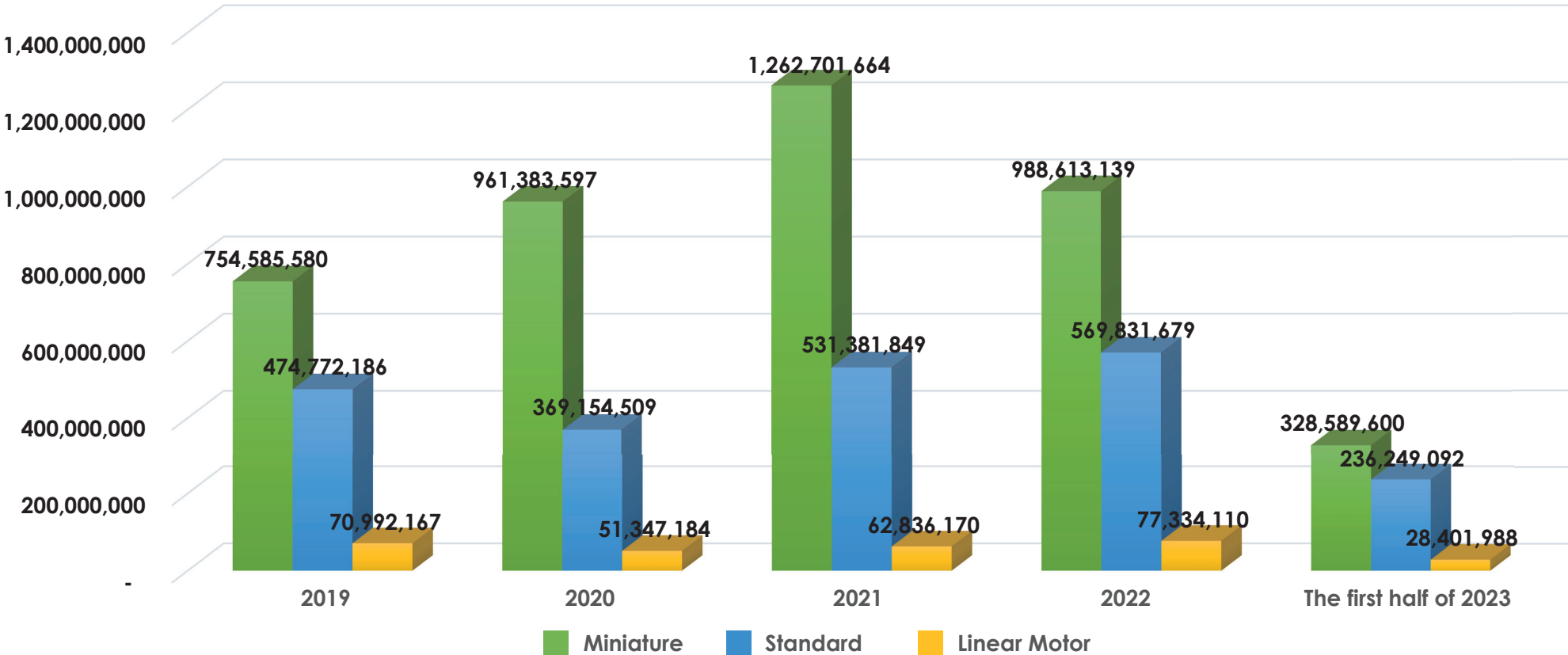
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# For 2019 to the first half of 2023 product revenue trend

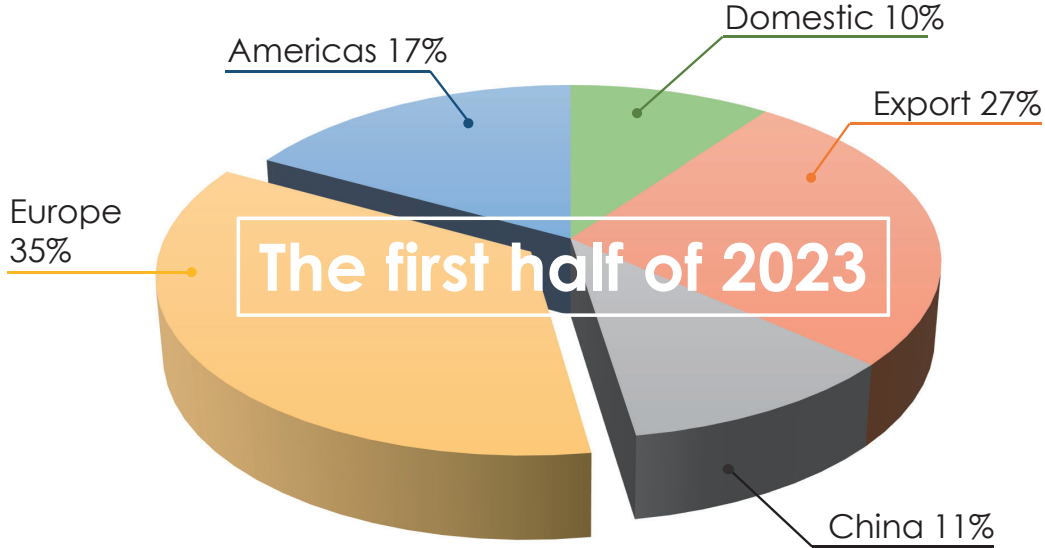
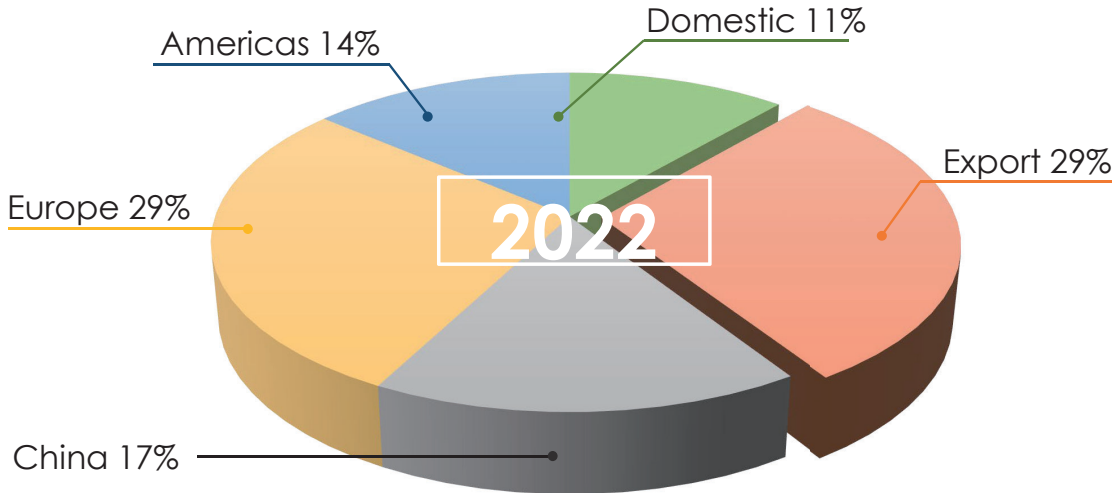
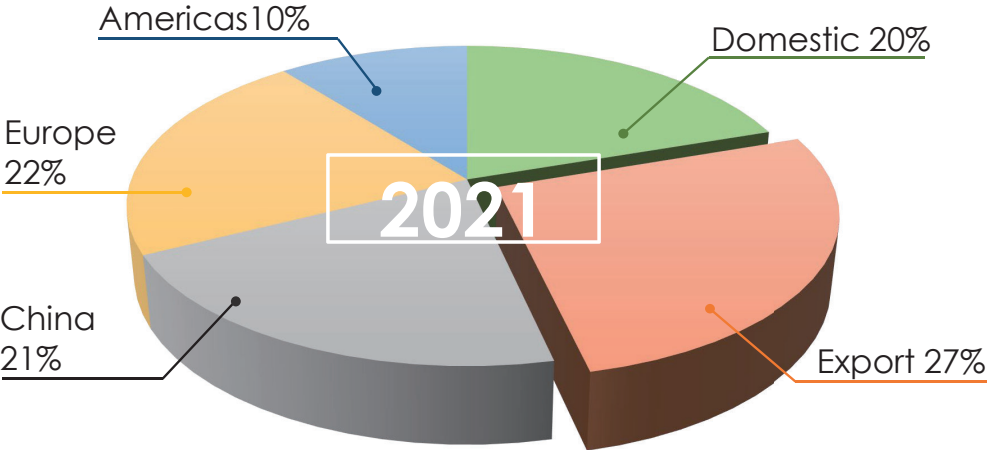


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# For 2021 to the first half of 2023 Regional Revenue Distribution

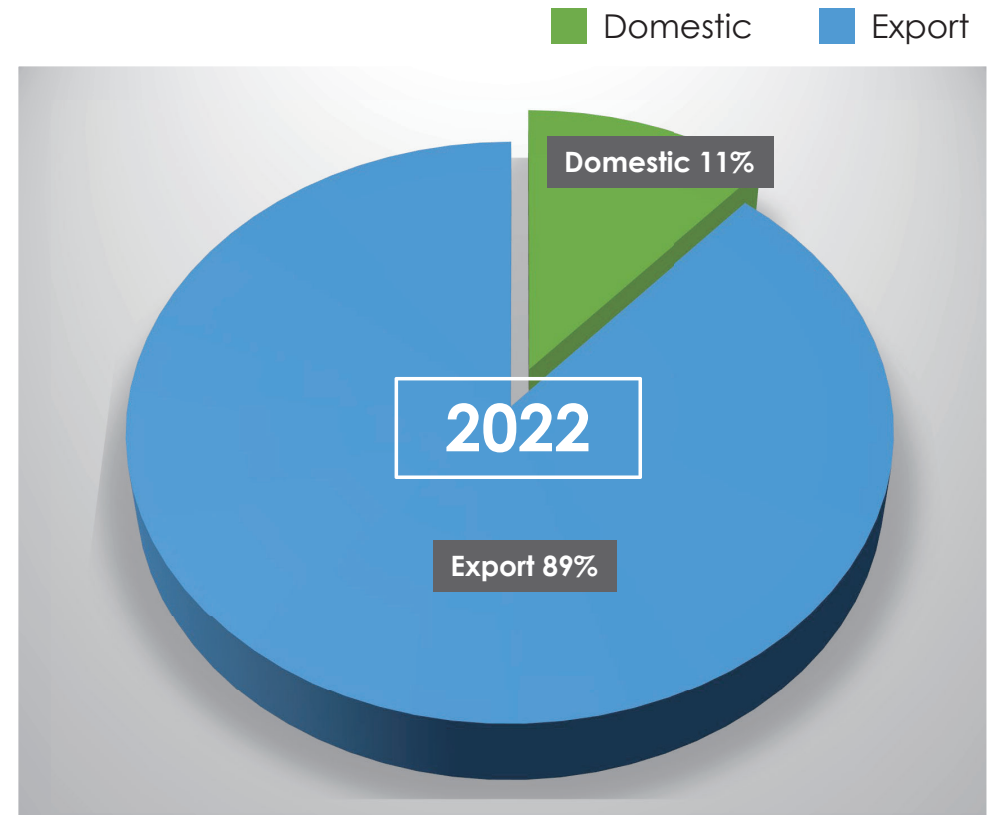
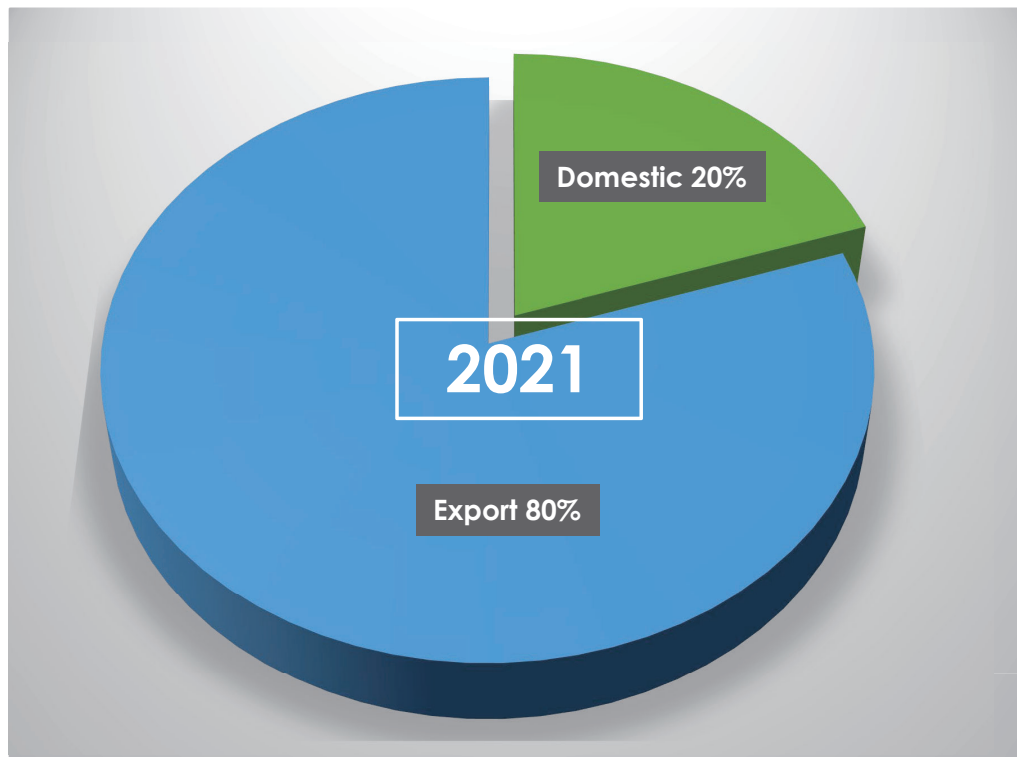
- Americas
- Europe
- China
- Export
- Domestic





# 2021~2022 Global marketing

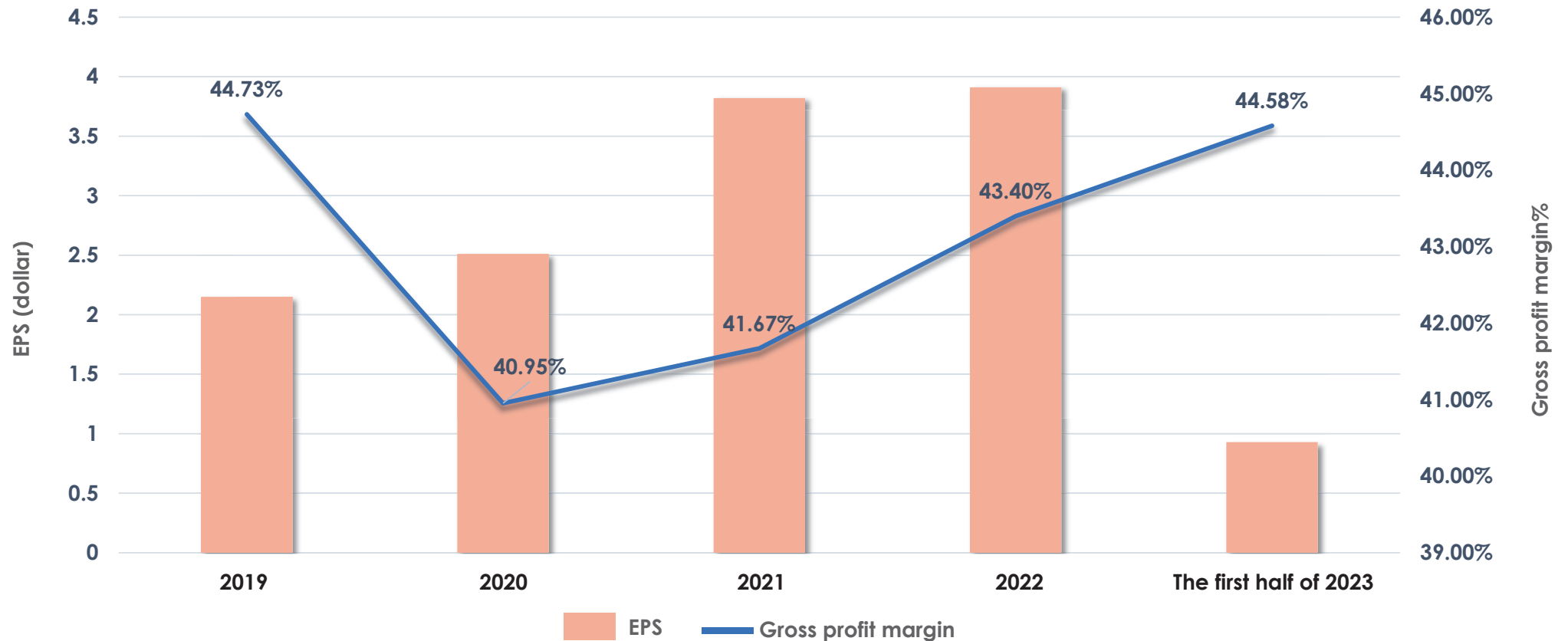
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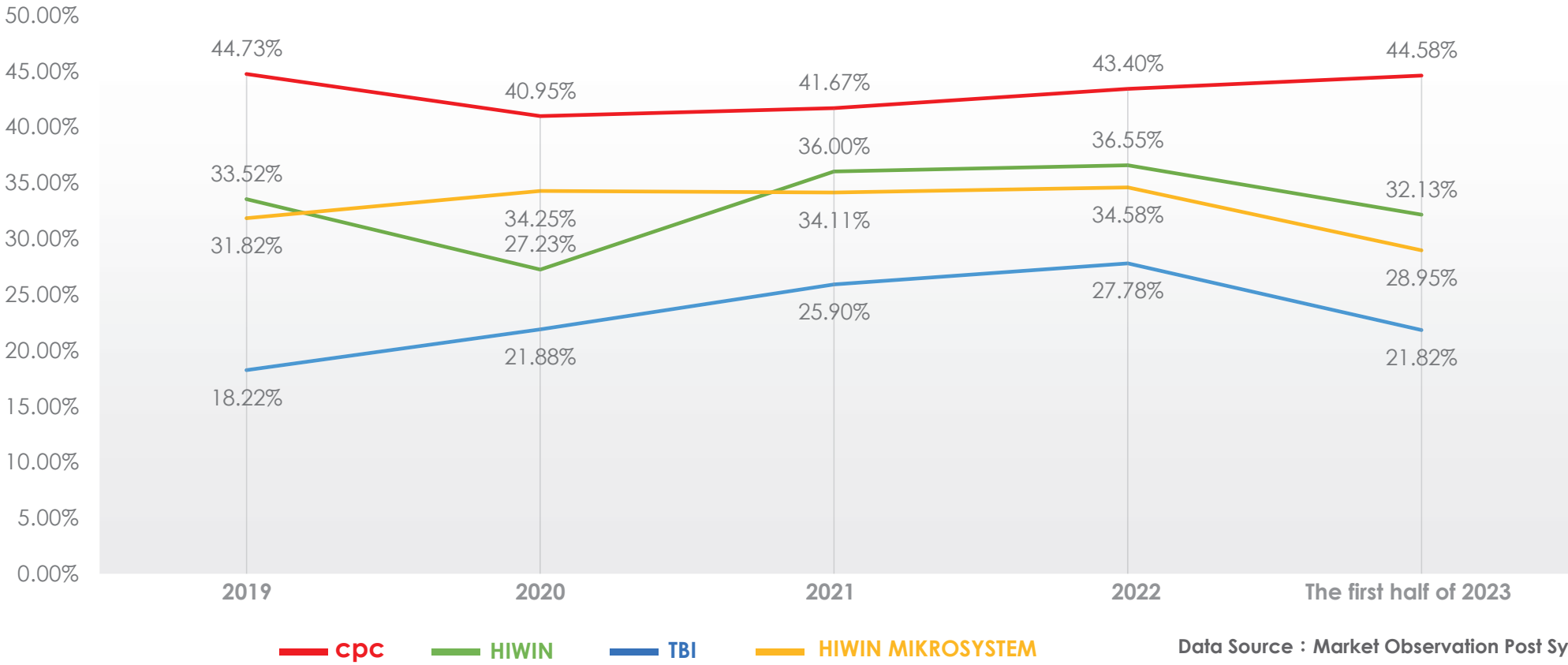
# For 2019 to the first half of 2023 Gross Profit Margin and EPS Trend



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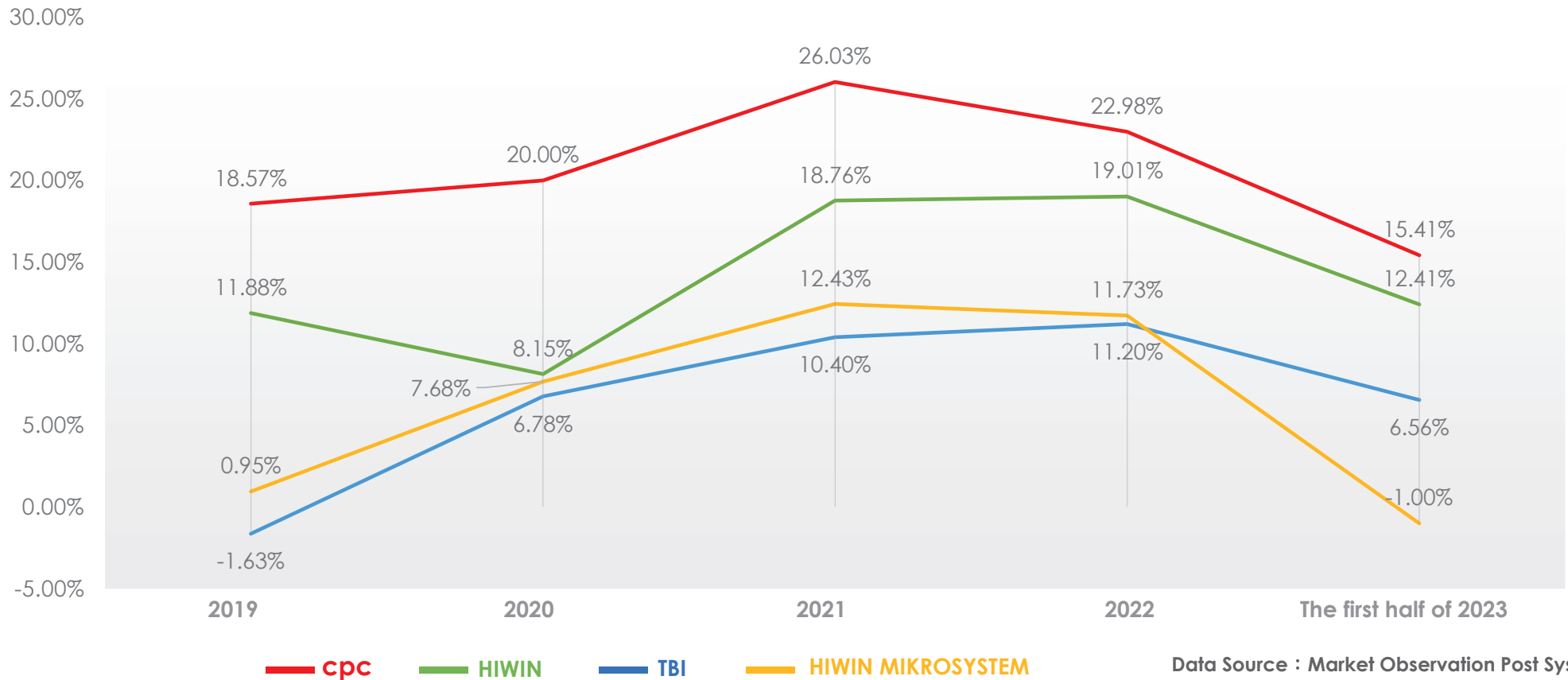
# For 2019 to the first half of 2023 Operating Gross Margin Trend



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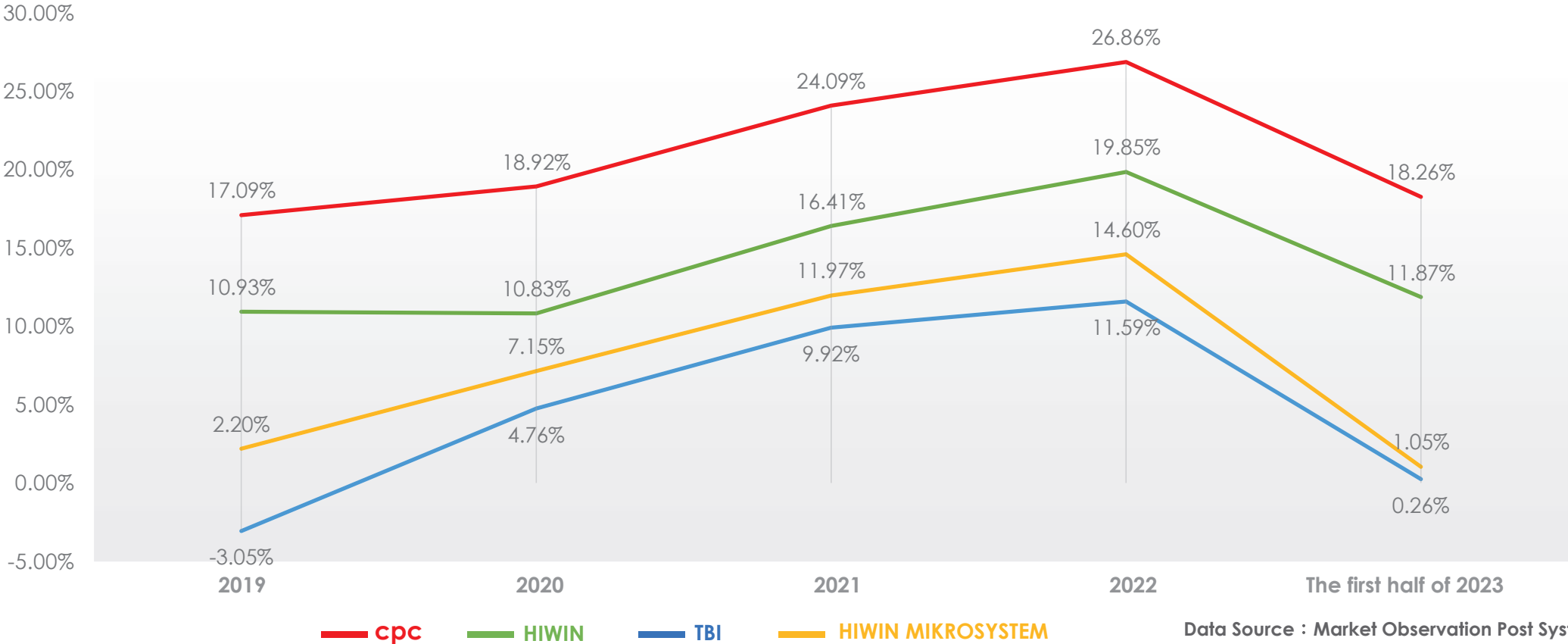
# For 2019 to the first half of 2023 Operating Profit Rate Trend



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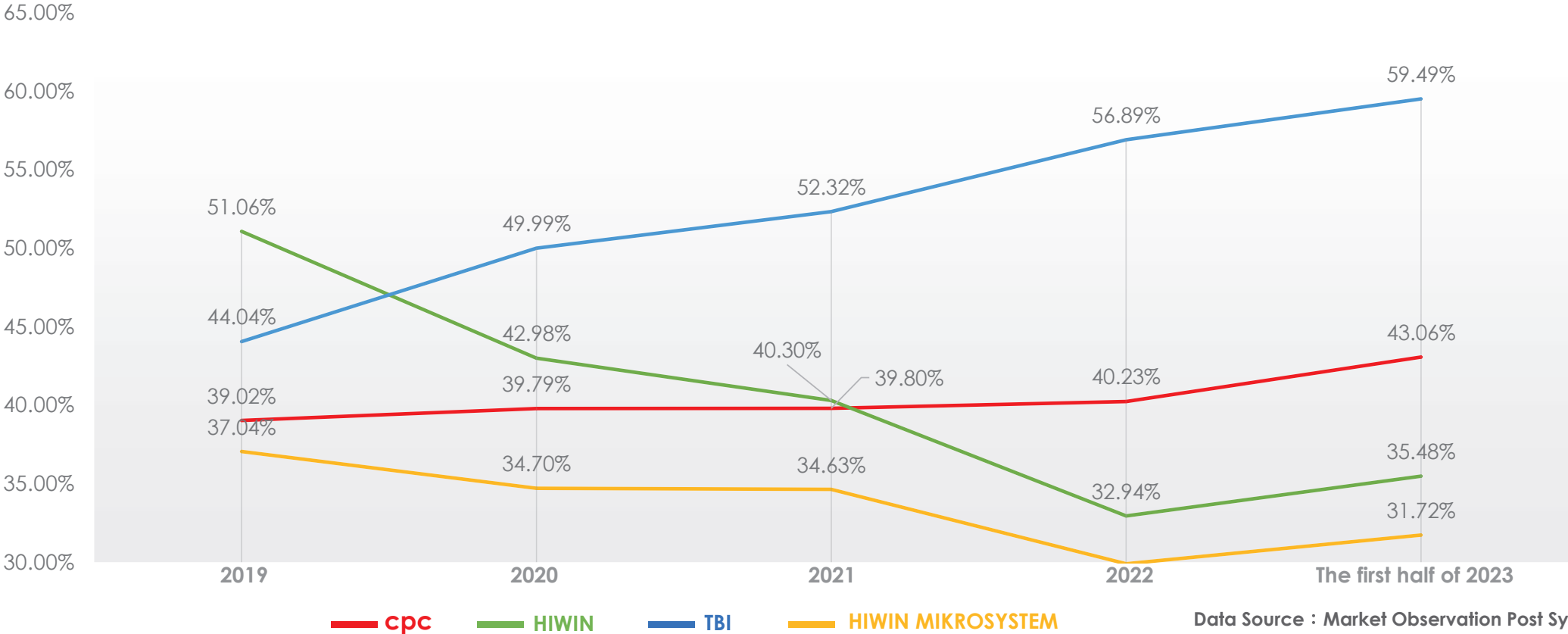
# For 2019 to the first half of 2023 Profit Before Income Tax Rate Trend



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# For 2019 to the first half of 2023 Debt Rate Trend



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# Dividend Policy

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Currency : NTD

Profitable Year	Cash Dividend	Stock Dividend	Total
111	2.0	0.0	2.0
110	1.5	1.0	2.5
109	1.5	0.0	1.5
108	1.0	0.0	1.0
107	1.0	1.0	2.0
106	1.0	2.5	3.5
105	1.0	0.0	1.0

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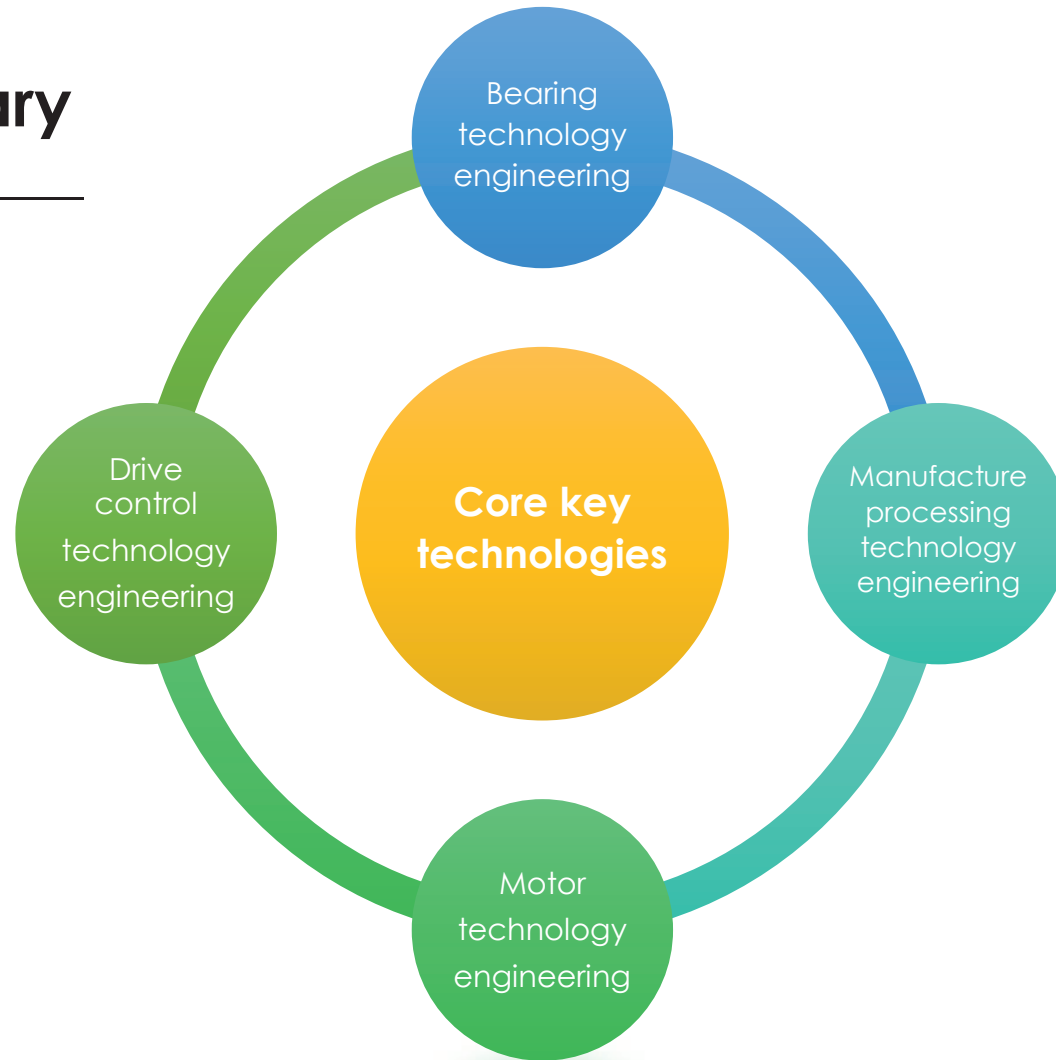
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# Advantages summary

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# Advantages summary

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German quality



Taiwanese flexibility



Competitive pricing



Prompt delivery

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cpcRobot

cpcStudio

cpcCells

cpc You 

