

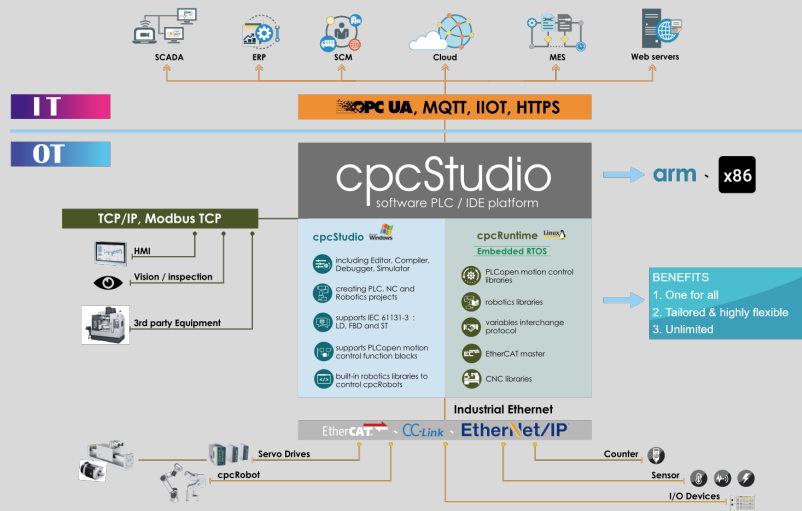


CHIEFTEK PRECISION CO., LTD.

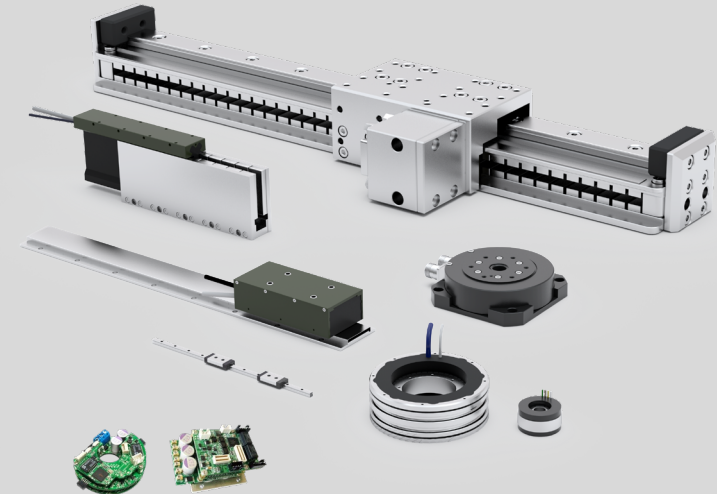
cpcRobot



cpcStudio



cpcCells



cpc's Founders



Angelika Chen

Chairperson & CEO

Art History of Universität Stuttgart

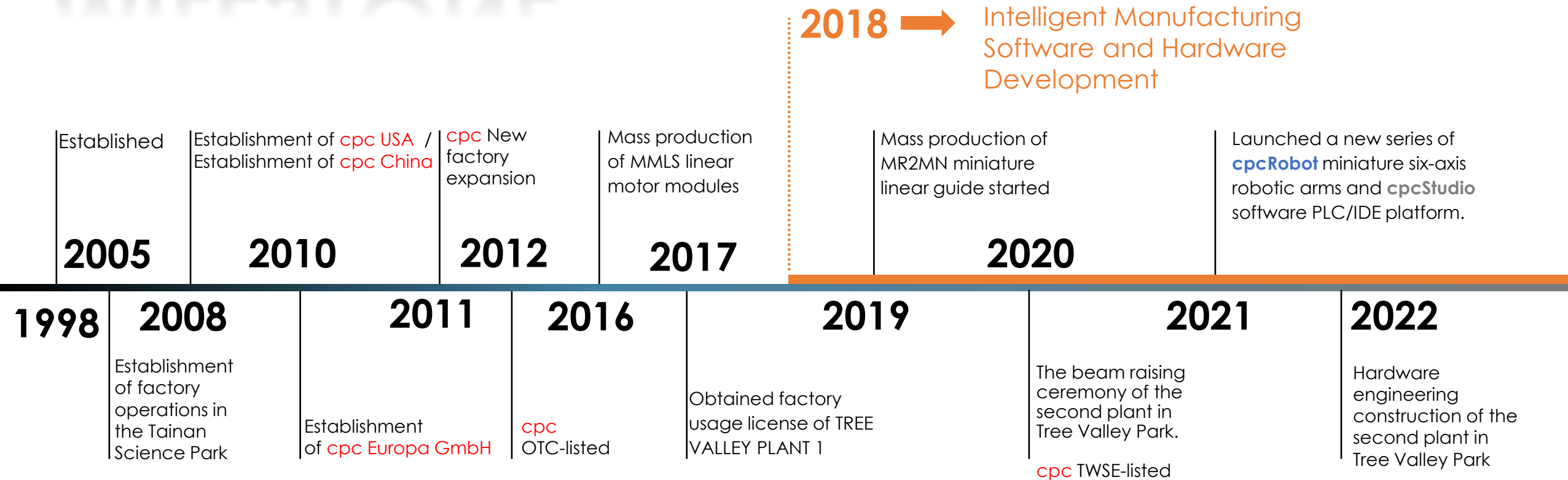


Anton Hsu

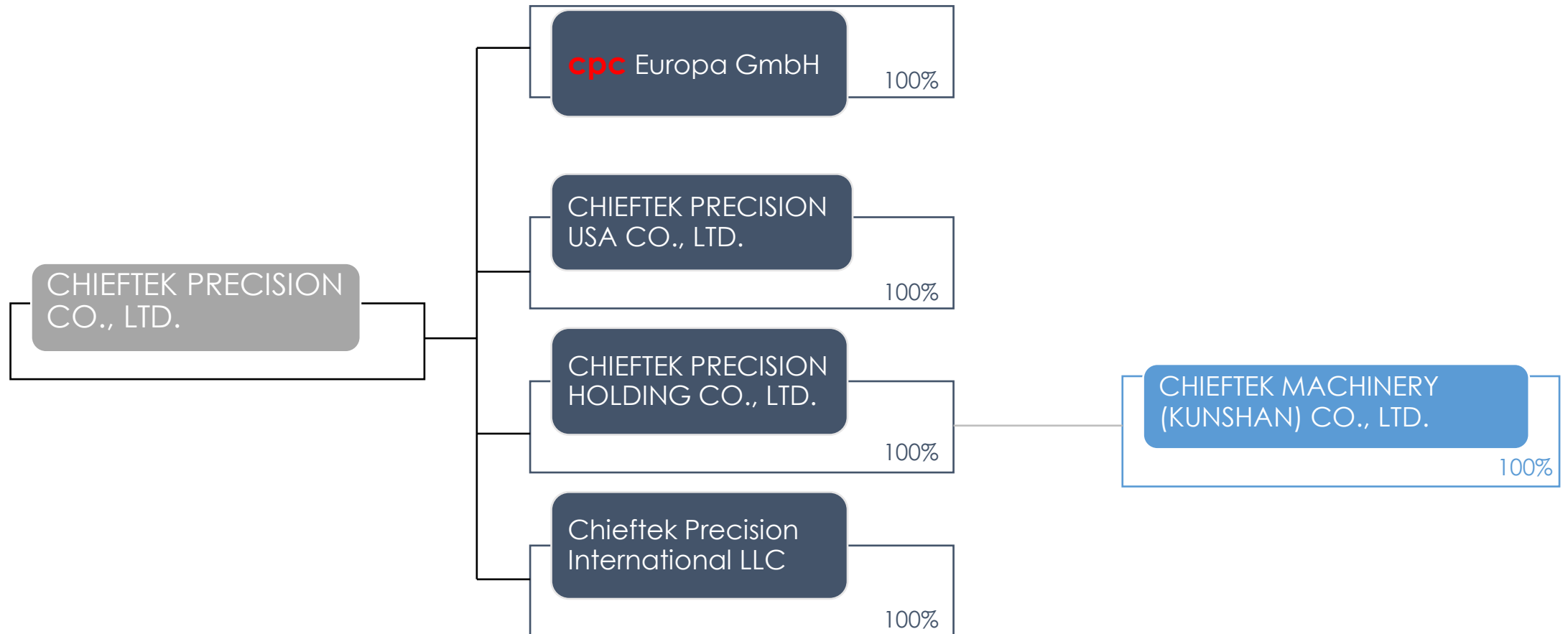
President

Diplom Ingenieur of Mechanical Engineering of
Universität Stuttgart

MILESTONE

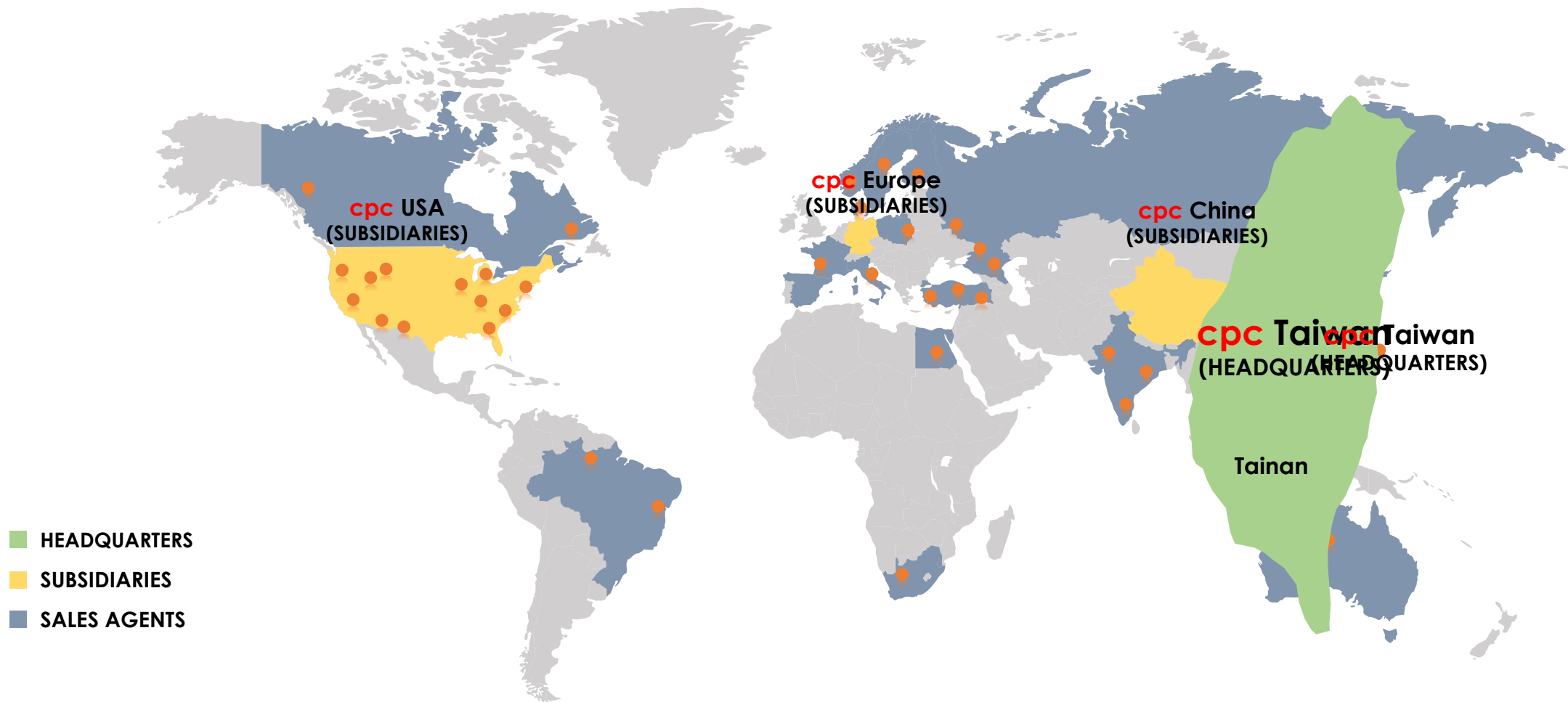


Organizational chart



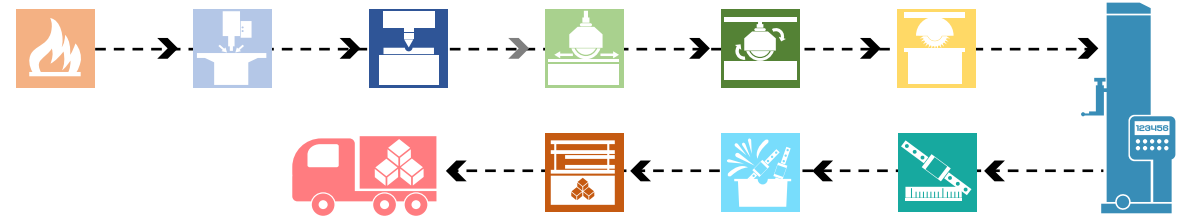
CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!



cpc HEADQUARTERS

Science Park Plant : Floor - 22616 m²



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

TREE VALLEY

Total solar power generation 1.35MW

Plant 1: Floor - 3766 m²



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



Warehouse



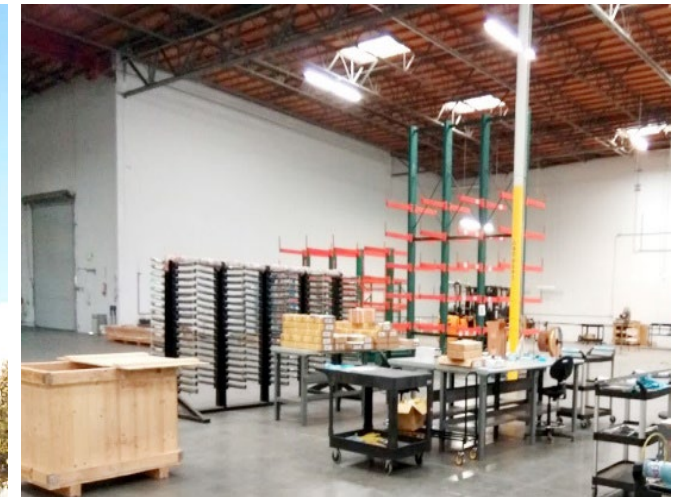
Sales



Finishing



Application Engineering





Warehouse



Sales



Finishing



Application Engineering





Warehouse



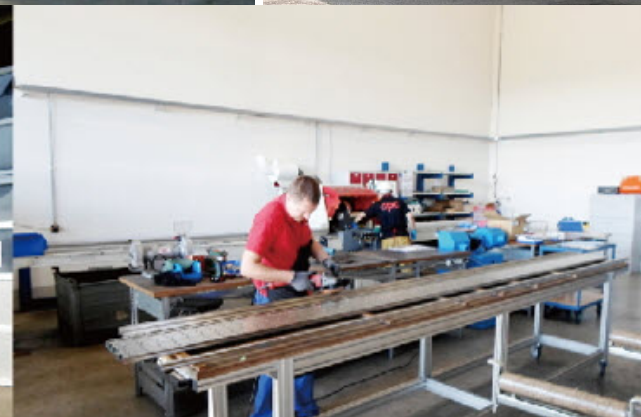
Sales



Finishing



Application Engineering



New Investment in Germany

cpc's new plant in Geisingen



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

cpc's new plant in Geisingen



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

cpcCells

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



2021 Industrial automation Gold

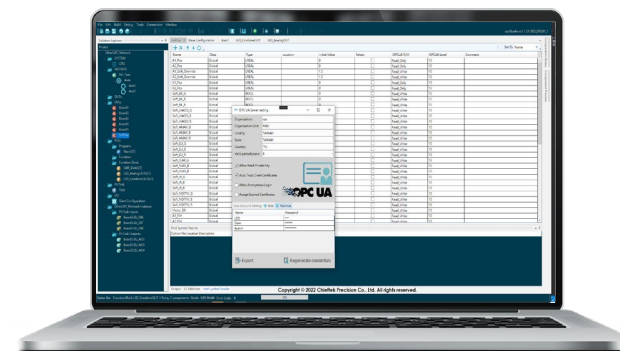
cpcRobot

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



cpcStudio

PLC / IDE platform
software PLC / IDE platform



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

Smart manufacturing



Big data

Software PLC

Component Layer



SCADA



ERP



SCM



Cloud

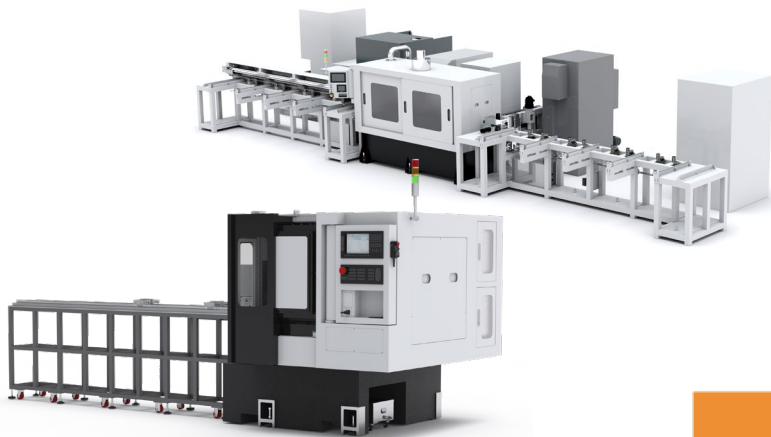


MES



Web servers

cpc UA, MQTT, IIOT, HTTPS



cpcStudio

software PLC / IDE platform

cpcStudio Windows

- including Editor, Compiler, Debugger, Simulator
- creating PLC, NC and Robotics projects
- supports IEC 61131-3 : LD, FBD and ST
- supports PLCopen motion control function blocks
- built-in robotics libraries to control cpcRobots

cpcRuntime Linux
Embedded RTOS

- PLCopen motion control libraries
- robotics libraries
- variables interchange protocol
- EtherCAT master
- CNC libraries



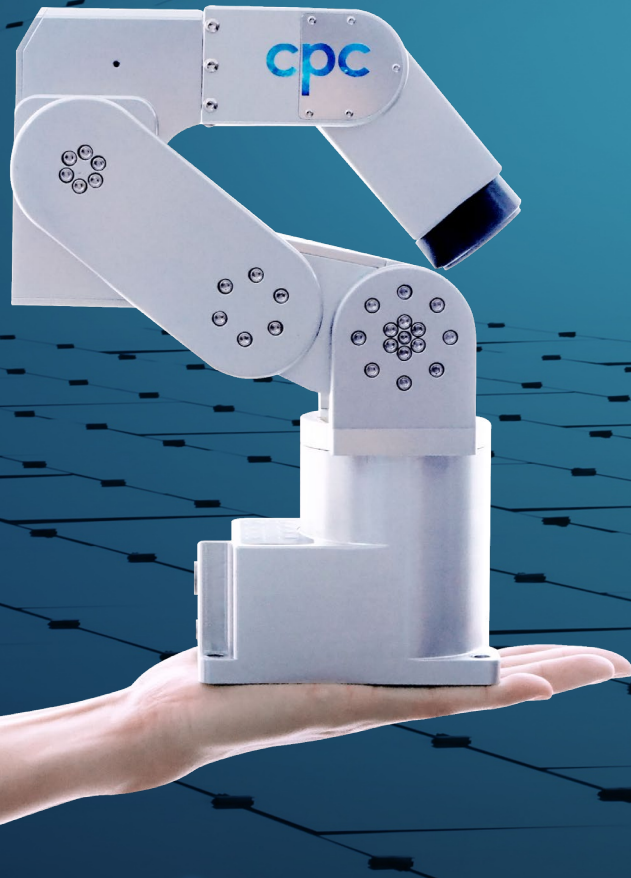
EtherCAT

cpcCells





2021 Industrial automation Gold



cpcRobot
6-axis robot

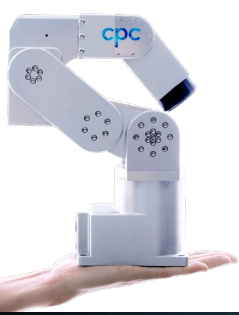
cpcStudio
PLC / IDE platform





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-61131-3 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

S0 $\pm 10 \mu\text{m}$

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

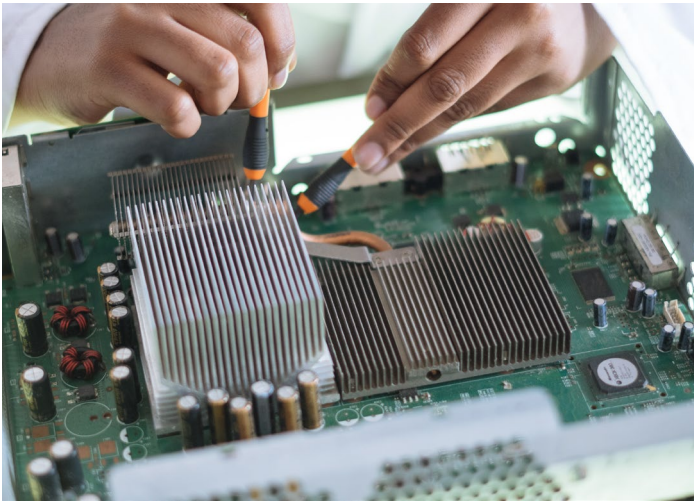
- C++C#
- Command string

Crossing singularity

End joint infinite rotation

IP rating

S0 : IP54 DB0 : IP40



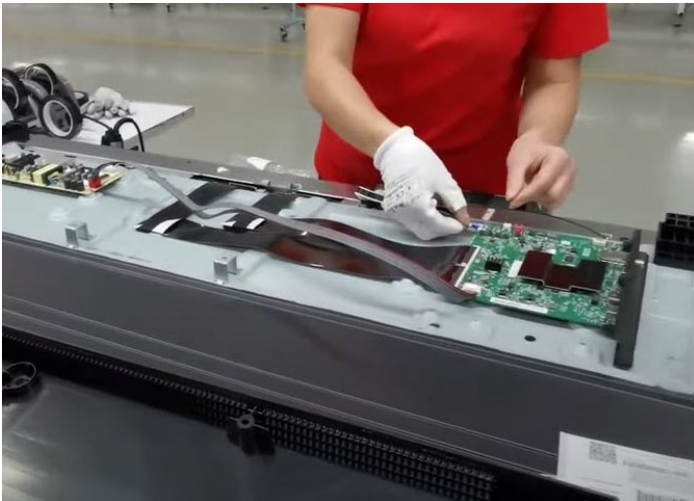
PC industry



Mobile phone industry



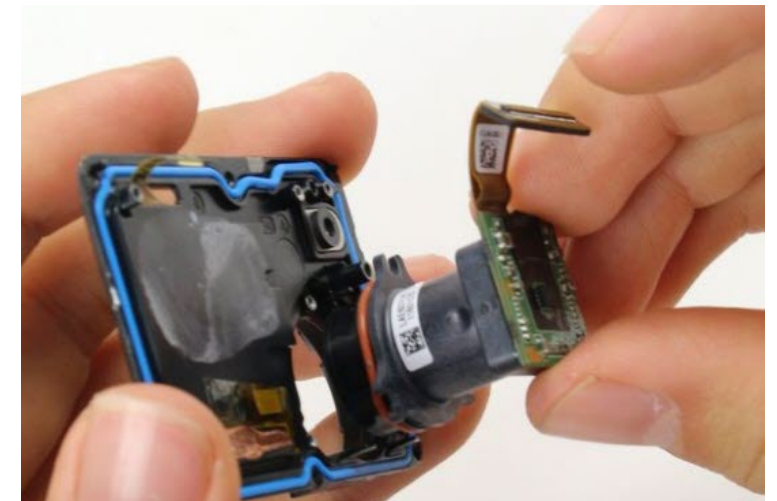
Medical industry



Panel industry



Horologe industry



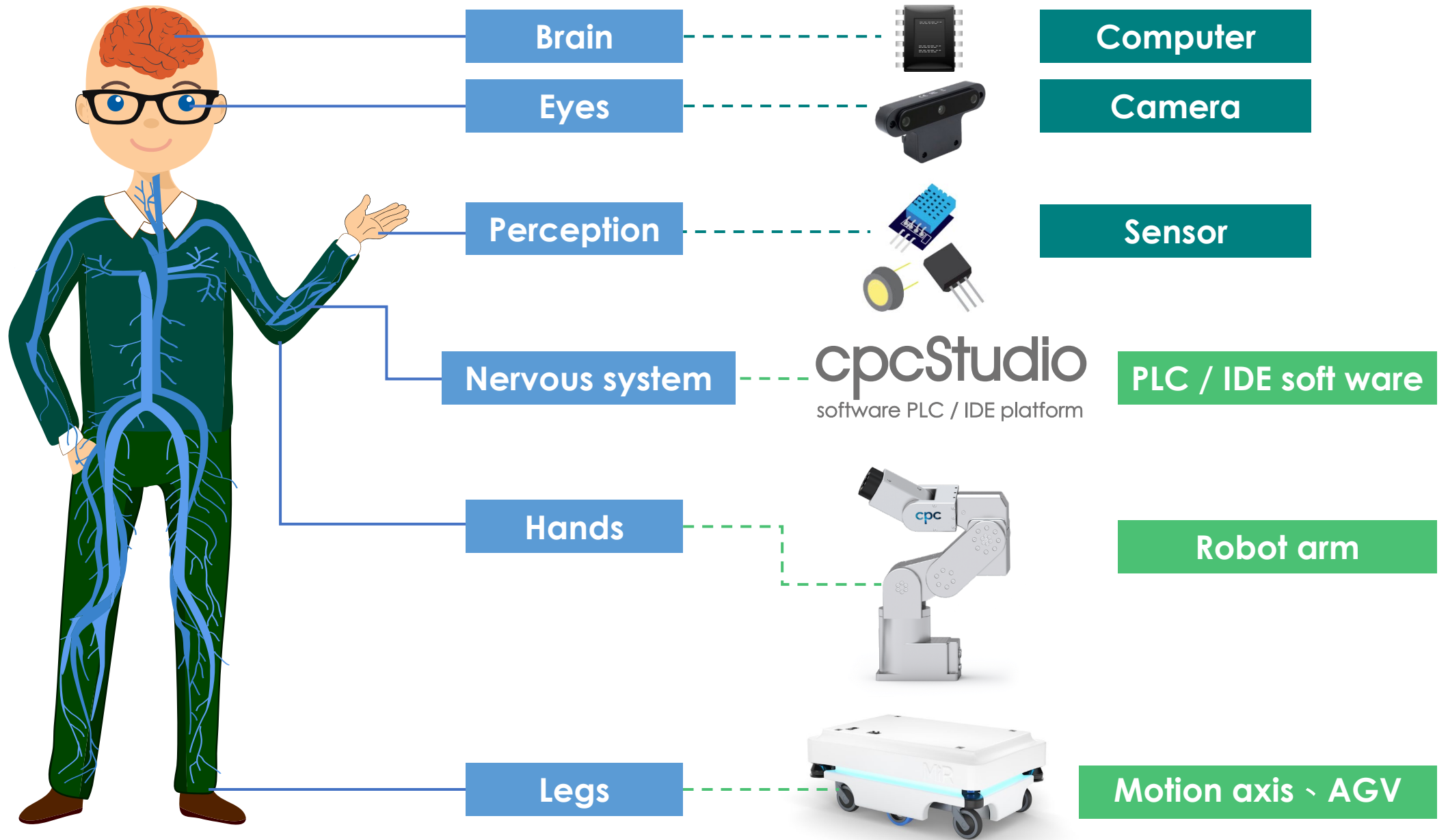
Optical industry

Image source: retrieved from the Internet

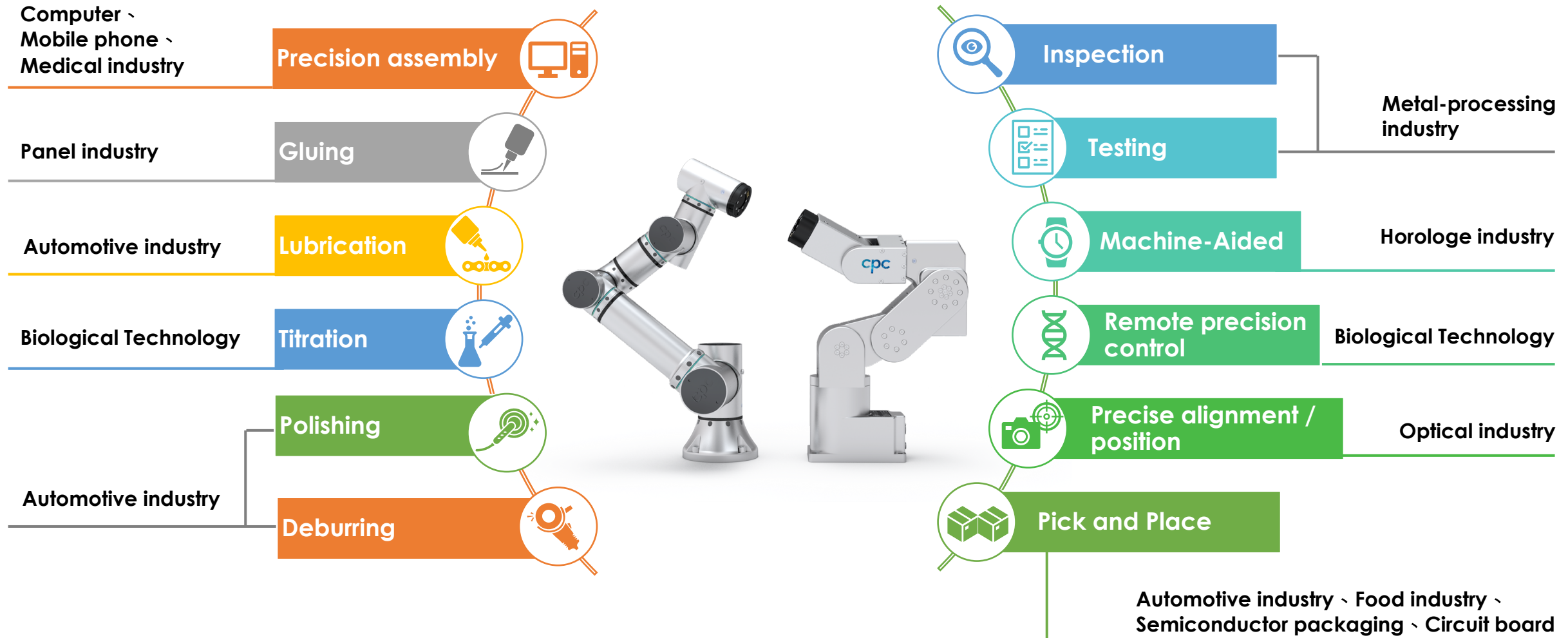
CHIEFTEK PRECISION CO., LTD.

cpcRobot

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!



Miniature robot arm application



CHIEFTEK PRECISION CO., LTD.

cpcRobot

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

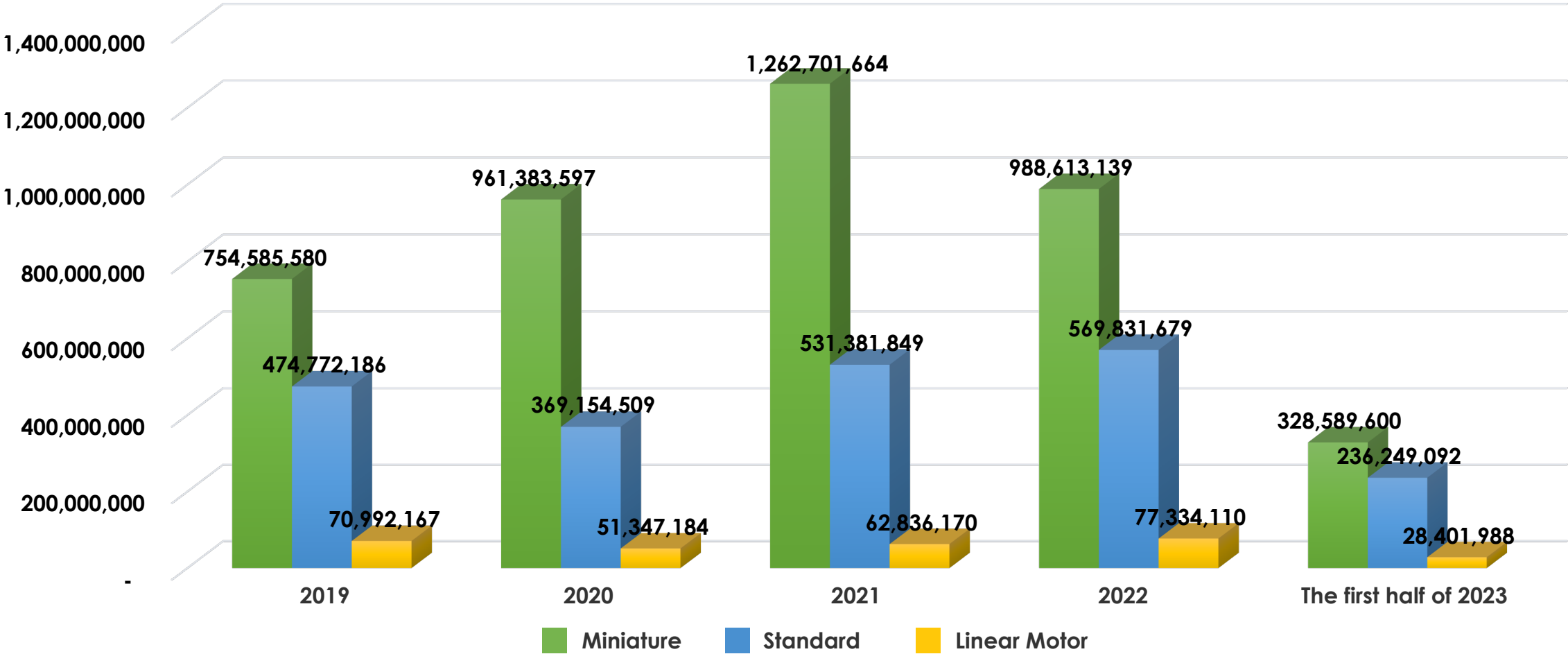
Financial Result

Financial Result

CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

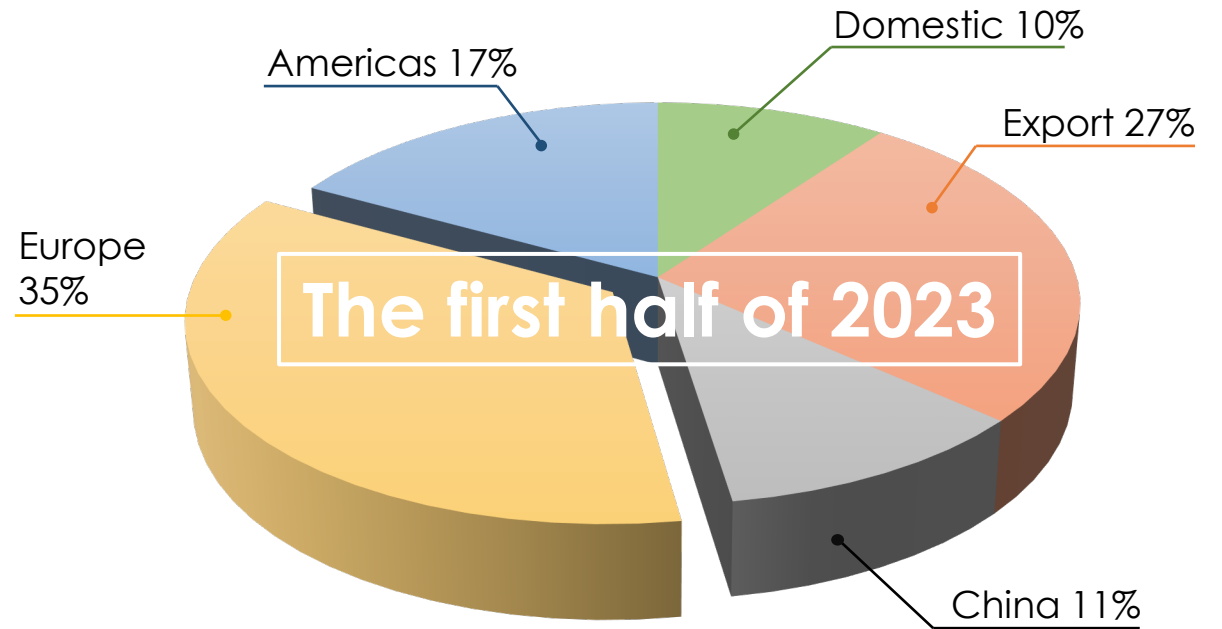
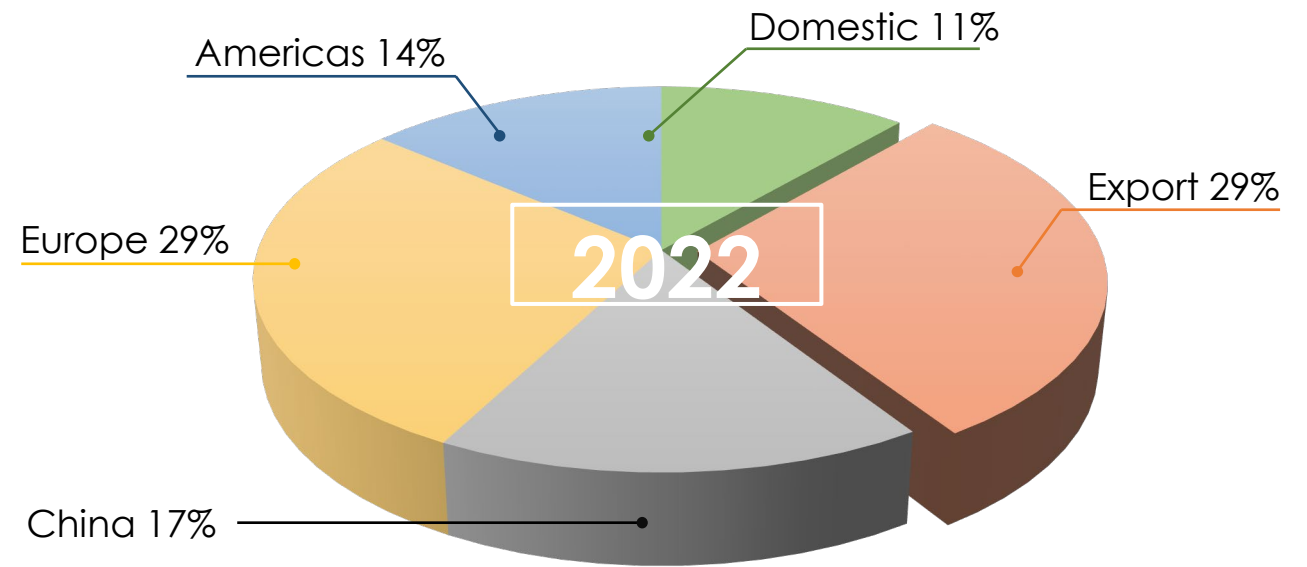
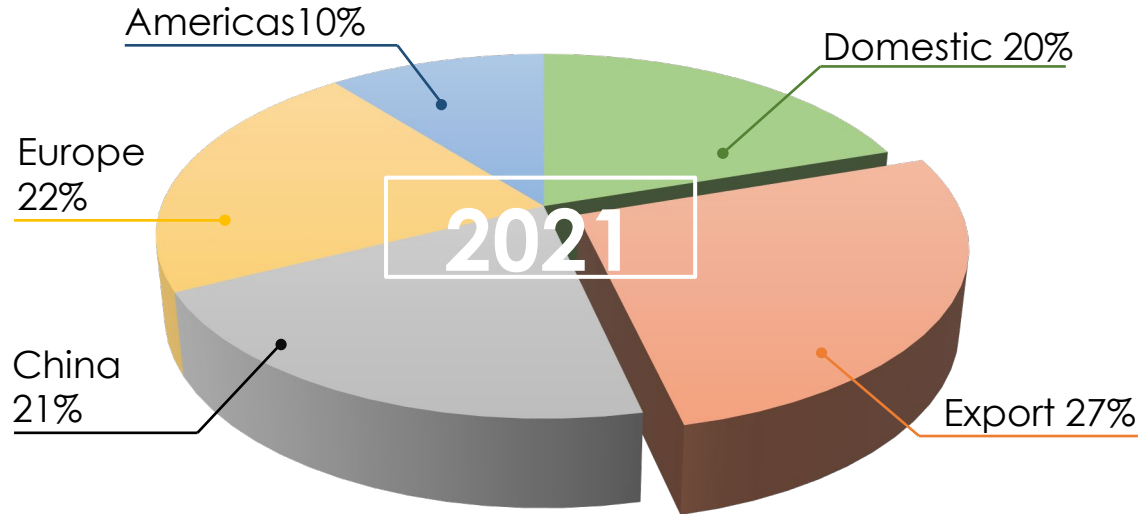
For 2019 to the first half of 2023 product revenue trend



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

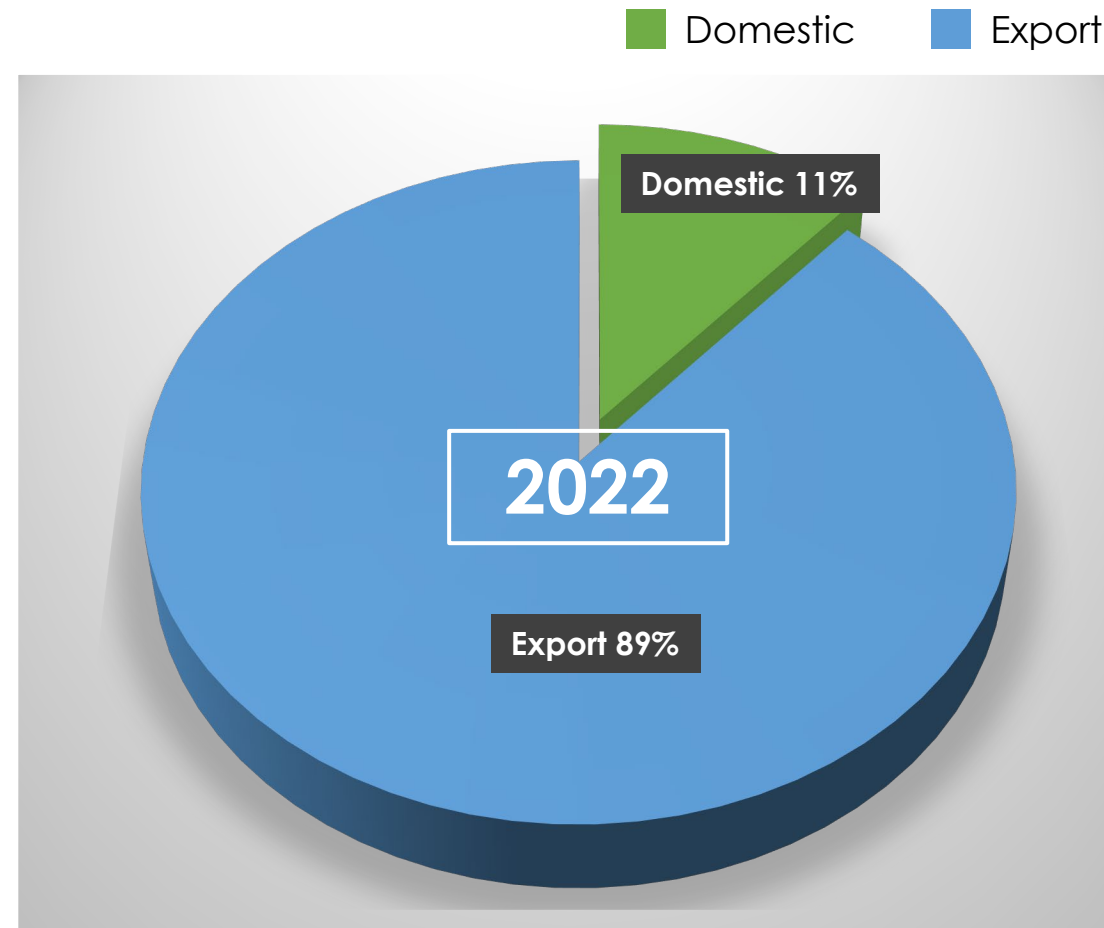
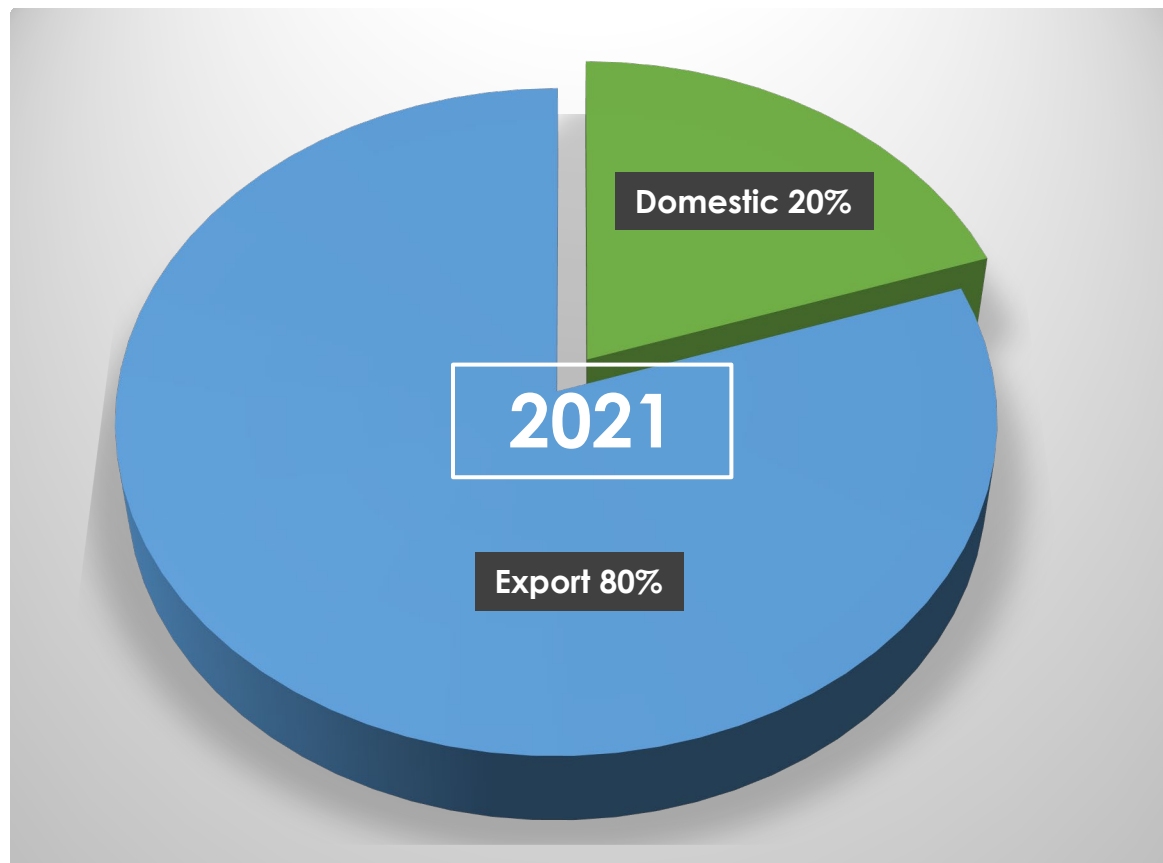
For 2021 to the first half of 2023 Regional Revenue Distribution



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

2021~2022 Global marketing

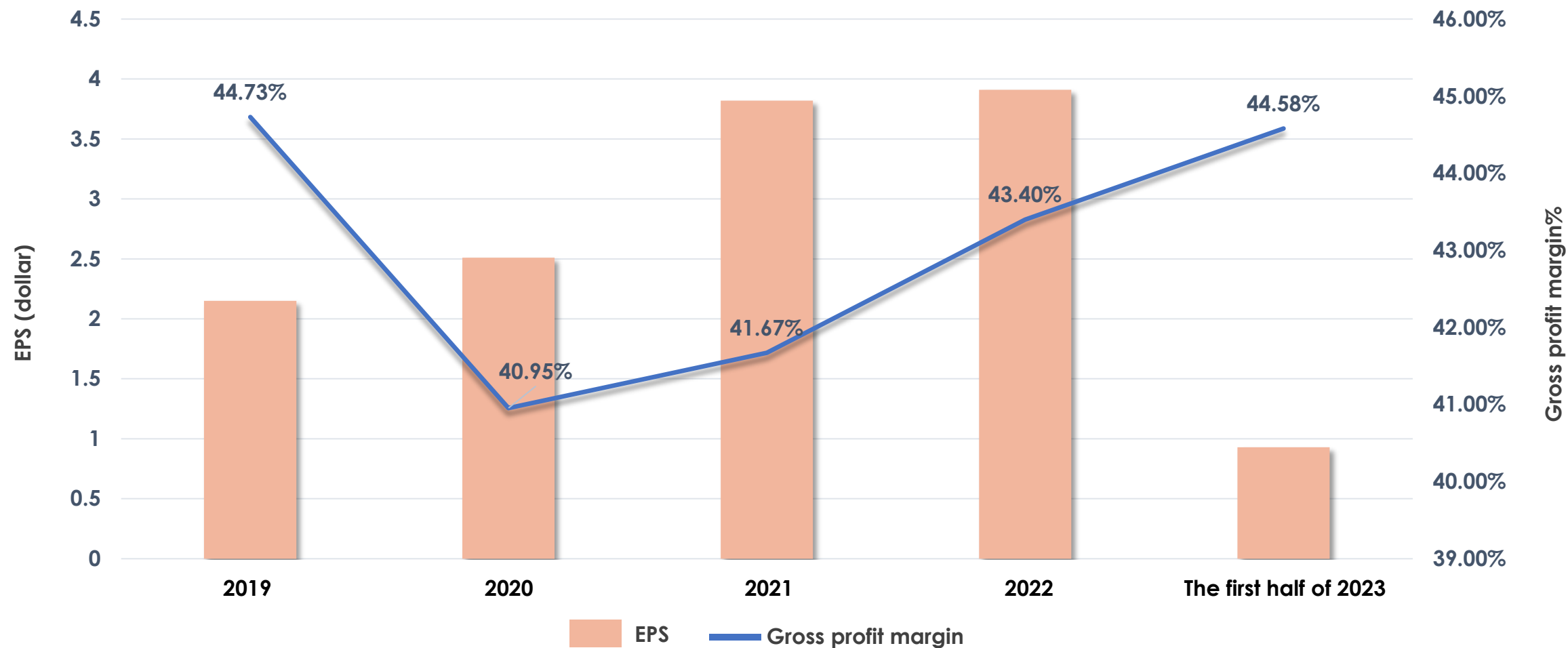


CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

For 2019 to the first half of 2023

Gross Profit Margin and EPS Trend

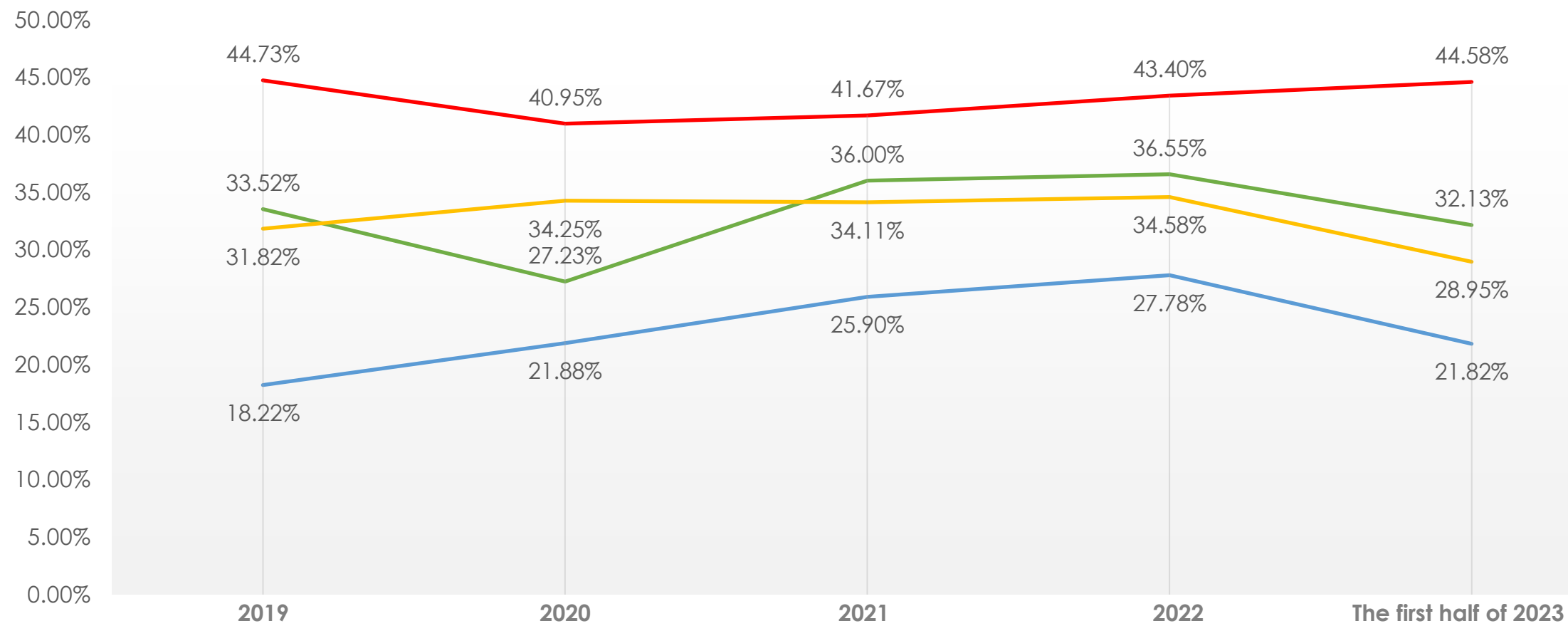


CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

For 2019 to the first half of 2023

Operating Gross Margin Trend



— CPC — HIWIN — TBI — HIWIN MIKROSYSTEM

Data Source : Market Observation Post System

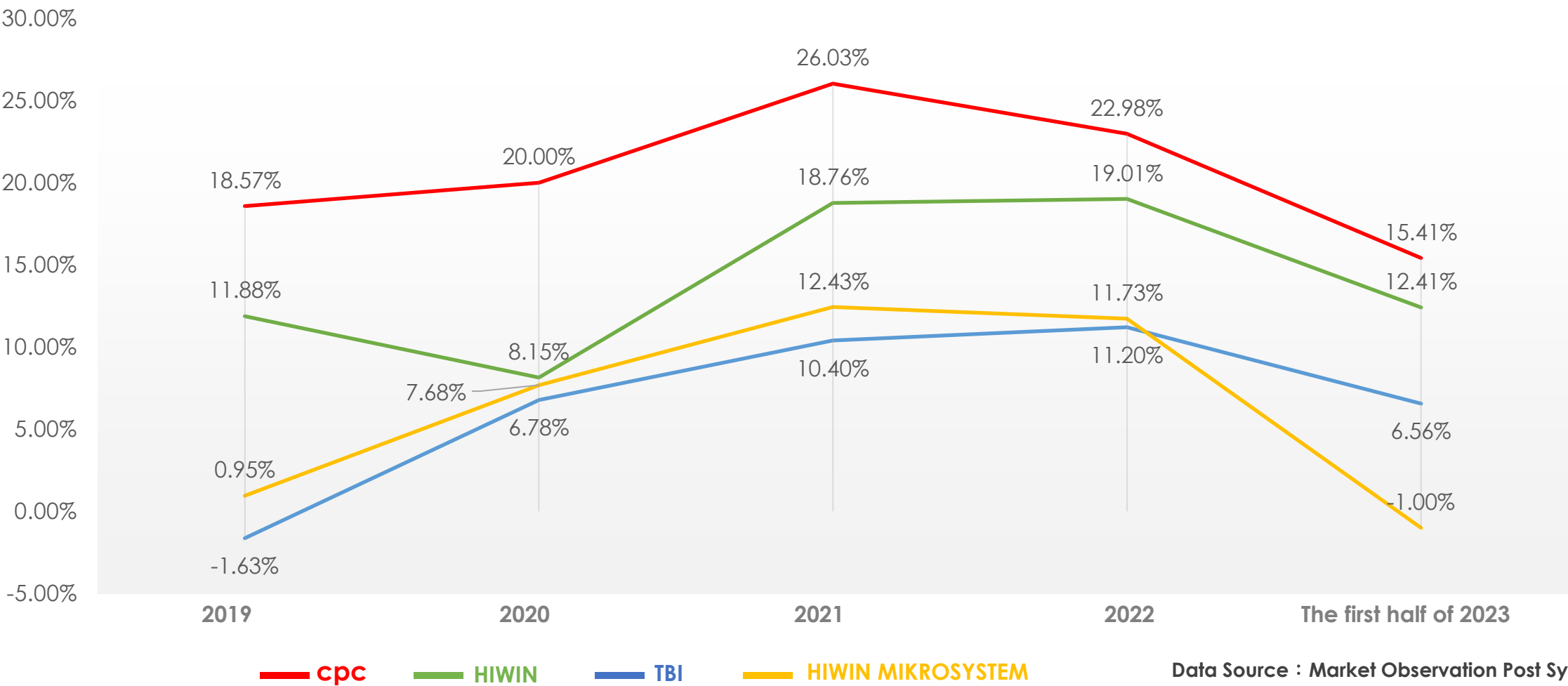


CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

For 2019 to the first half of 2023

Operating Profit Rate Trend

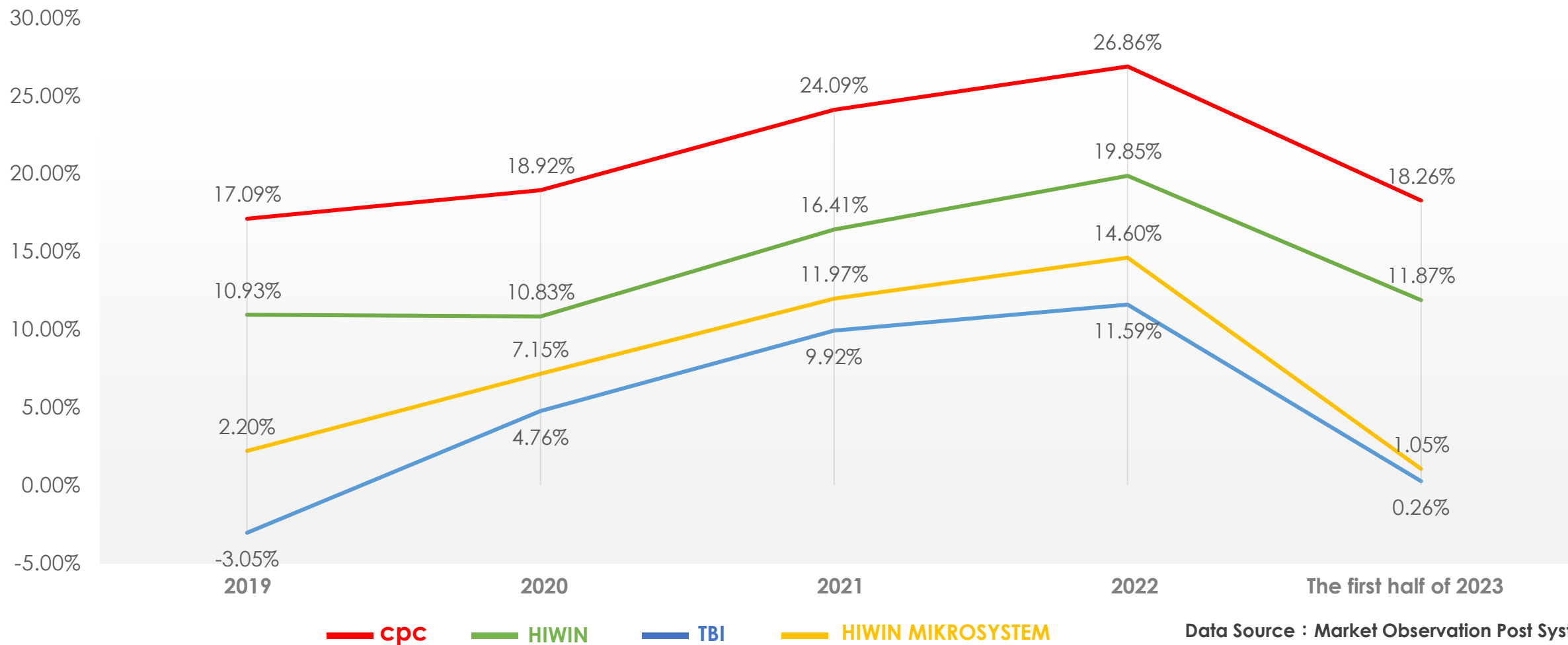


CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

For 2019 to the first half of 2023

Profit Before Income Tax Rate Trend

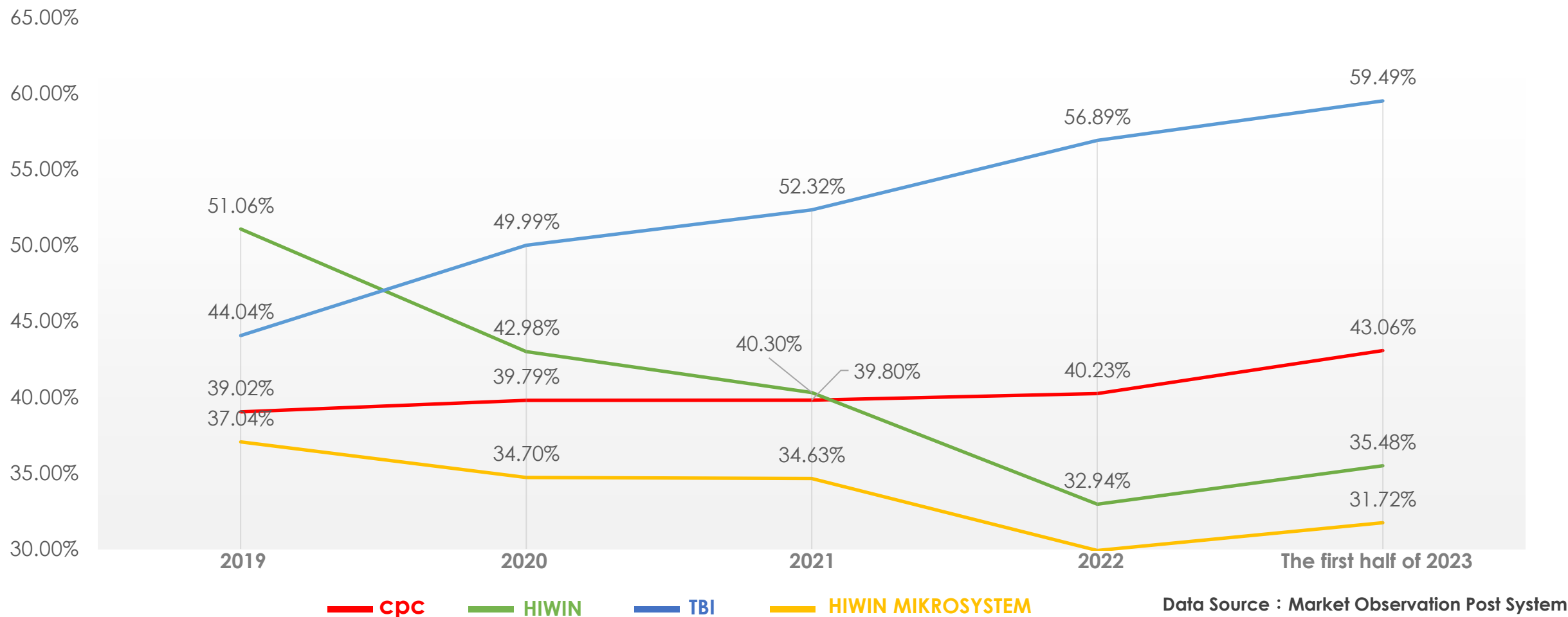


CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

For 2019 to the first half of 2023

Debt Rate Trend



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

Dividend Policy

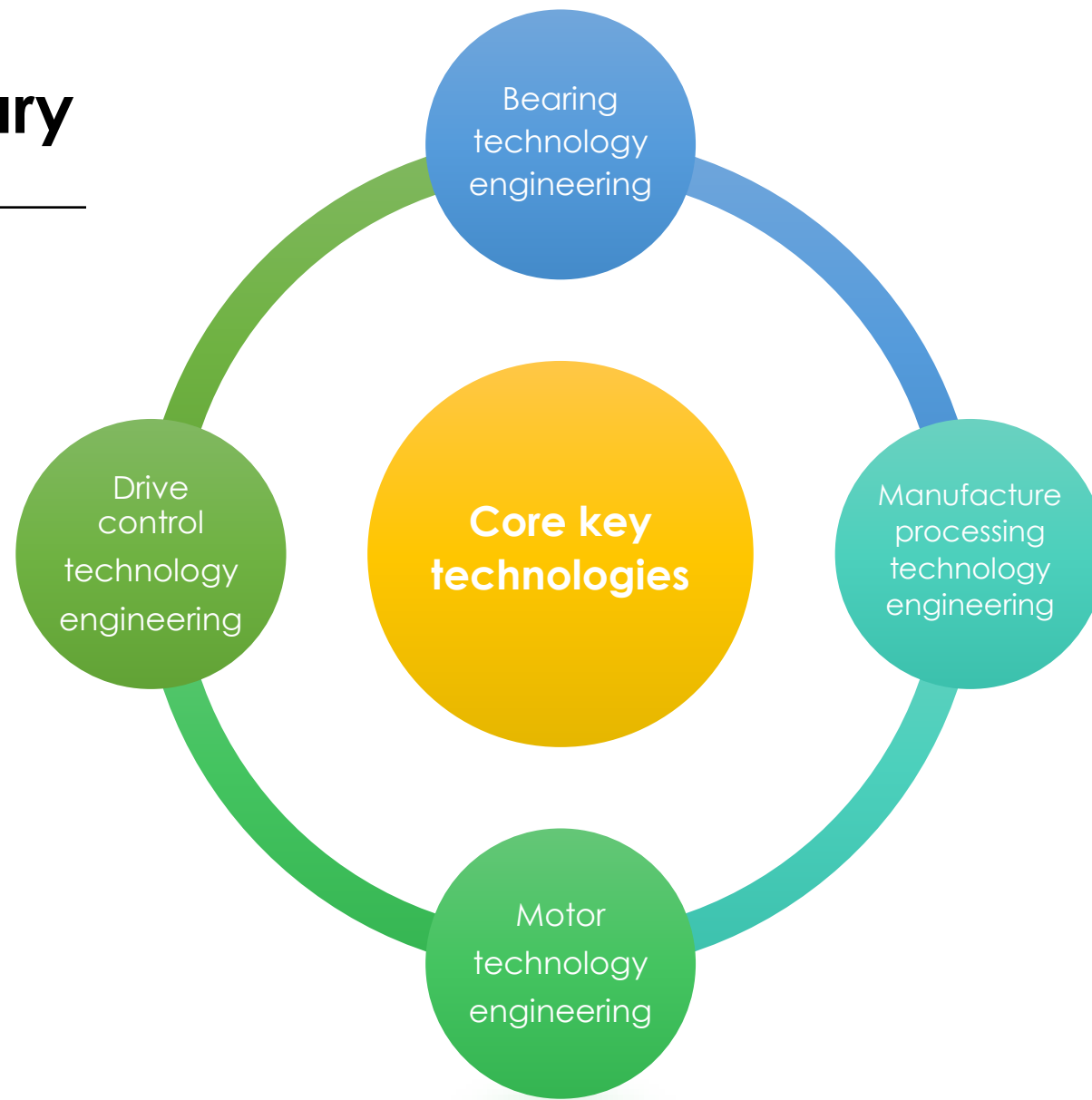
Currency : NTD

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

CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

Advantages summary



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!

Advantages summary



German quality



Taiwanese flexibility



Competitive pricing



Prompt delivery

CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers
cpc's products inspire you!
Together with cpc to achieve new levels of innovation!



CHIEFTEK PRECISION CO., LTD.

Not only for users, but also for designers

cpc's products inspire you!

Together with cpc to achieve new levels of innovation!

cpcRobot

cpcStudio

cpcCells

cpc You Tube

