

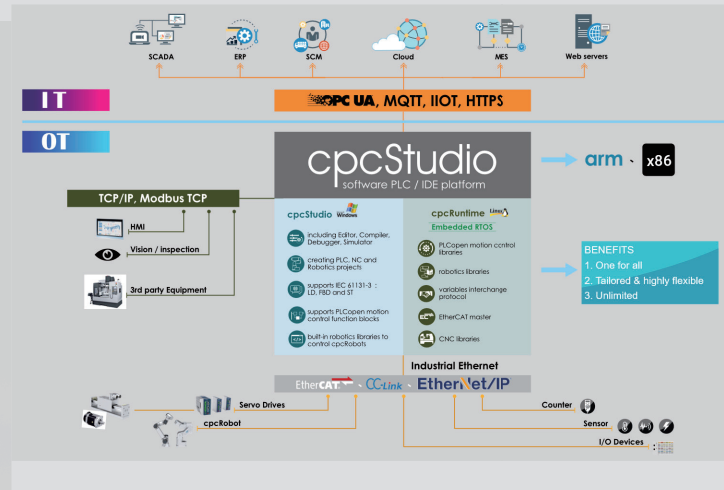


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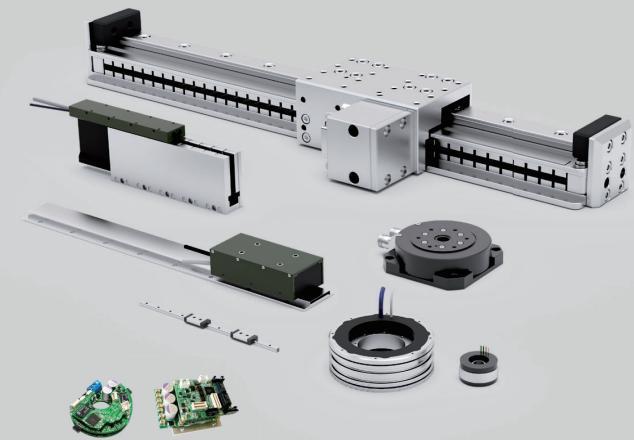
cpcRobot



cpcStudio



cpcCells



報告人：許澄璞 特助

cpc's Founders



Angelika Chen

Chairperson & CEO

Art History of Universität Stuttgart



Anton Hsu

President

Diplom Ingenieur of Mechanical Engineering of
Universität Stuttgart

MILESTONE

cpc 直得科技股份有限公司
CHIEFTEK PRECISION CO., LTD.

2018 → 智慧製造軟體、硬體開發

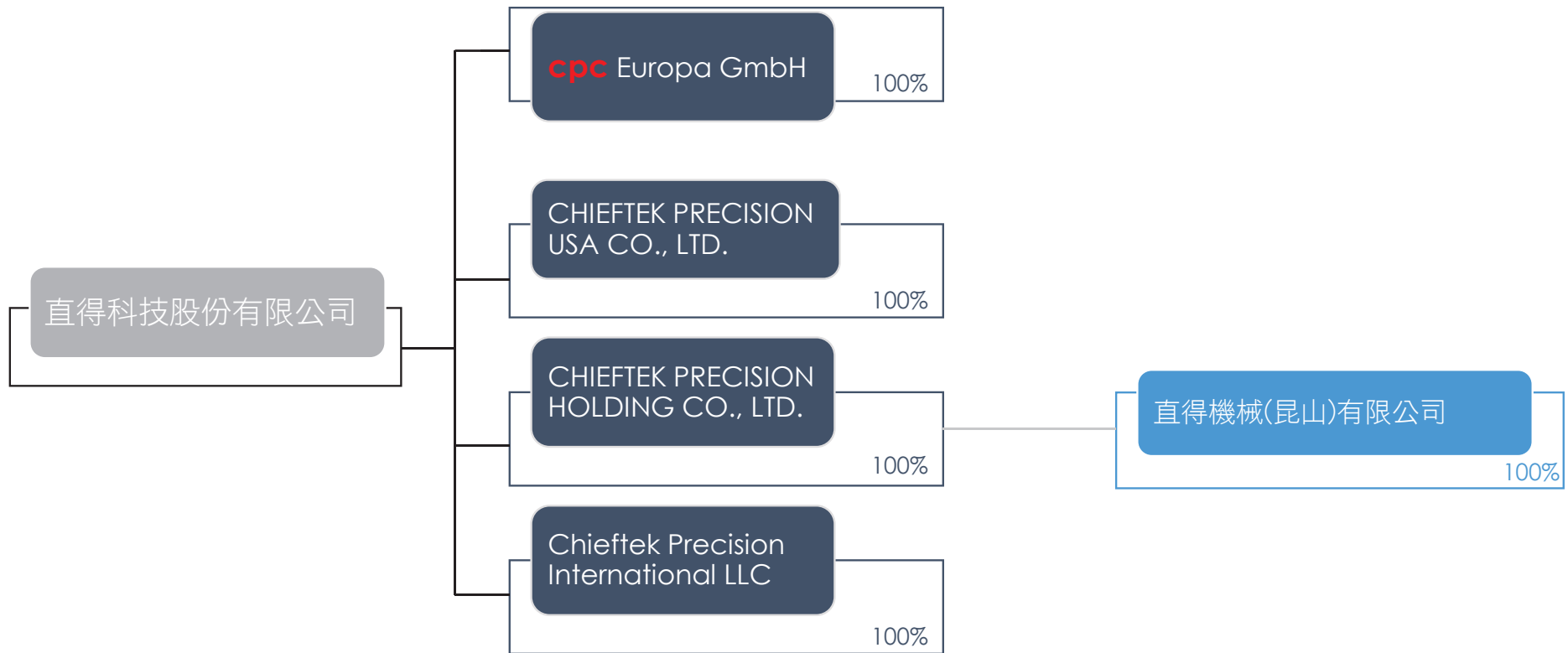
直得科技成立	美國子公司成立 cpc USA 中國子公司成立 cpc China	cpc 新廠擴張	MMLS / CLS 線性馬達模組 及平台正式量產		Size 2 微型線性滑軌 開始量產	推出新系列 cpcRobot 微型六軸機械臂和 cpcStudio 軟體PLC/IDE平台
2005	2010	2012	2017		2020	
1998	2008	2011	2016	2019	2021	2022
	設廠於台南科學園區	歐洲子公司成立 cpc Europa GmbH	cpc 直得科技上櫃	取得樹谷園區第一期廠房 興建工程建築執照	樹谷園區第二期廠房 興建工程上樑典禮 cpc 直得科技上市	樹谷園區第二期硬體 工程

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公司架構

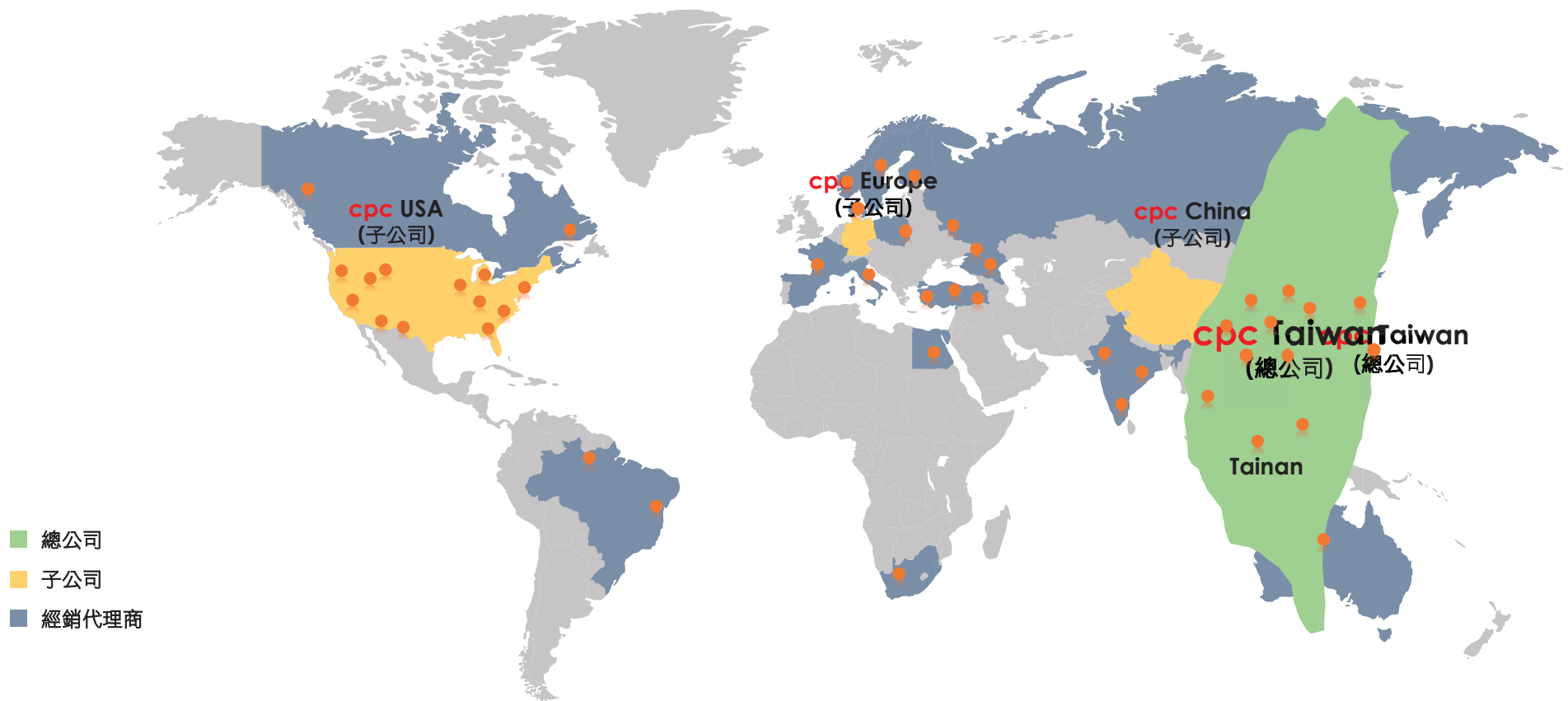


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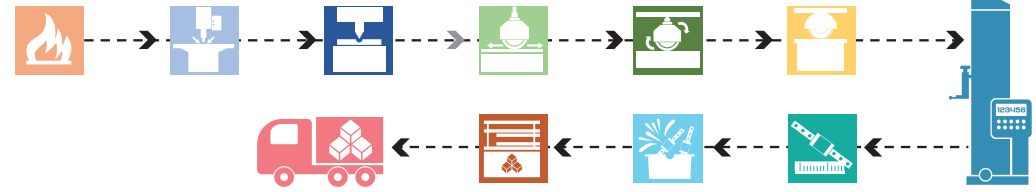
cpc 全球據點



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cpc 台灣總公司



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樹谷一、二廠

太陽能總發電量 1.35MW



cpc 樹谷智慧工廠架構內容



cpc 設備自動化

1. 原物料自動化 (自動倉儲、自走車、自動搬運系統)
2. 設備自動化 (處理系統中央化 - 冷卻、排氣、過濾、廢料..)、(元件/驅動/控制系統 - 整合統一平台)
3. 製程自動化 (加工程式管理、治具管理、刀具管理)
4. QC自動化 (自動量測紀錄、資料自動回饋、製程自動校正)
5. 組裝、包裝自動化

cpc 智慧管理

IIOT

資訊安全

遠端訂單

產能回報

監控室

生產計畫排程

(Production Planning & Scheduling)

製造執行系統 (MES)

物料管理 (MRP/LRP)

設備維護與即時監控

cpc USA



Warehouse



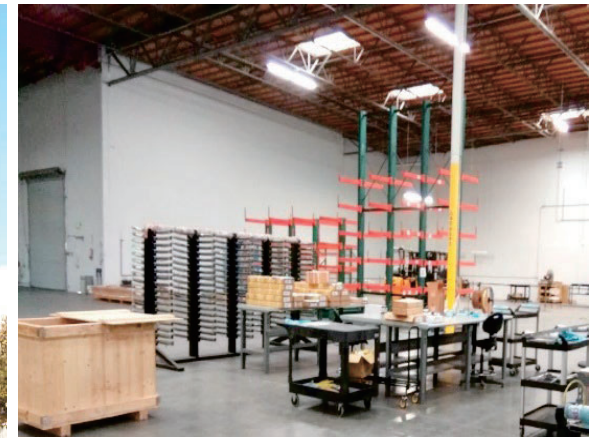
Sales



Finishing



Application Engineering



cpc China



Warehouse



Sales



Finishing



Application Engineering



cpc Europe



Warehouse



Sales



Finishing

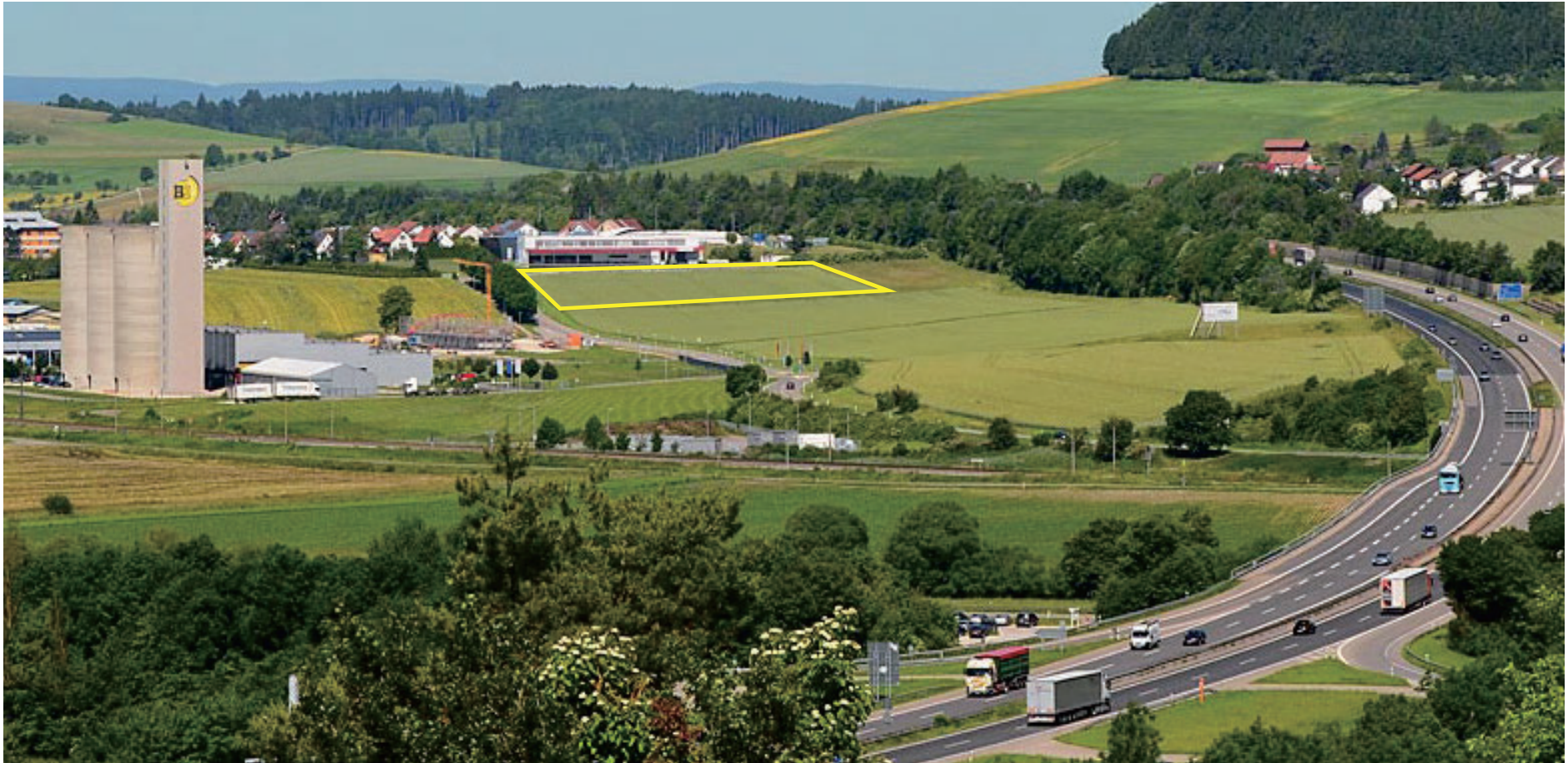


Application Engineering



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

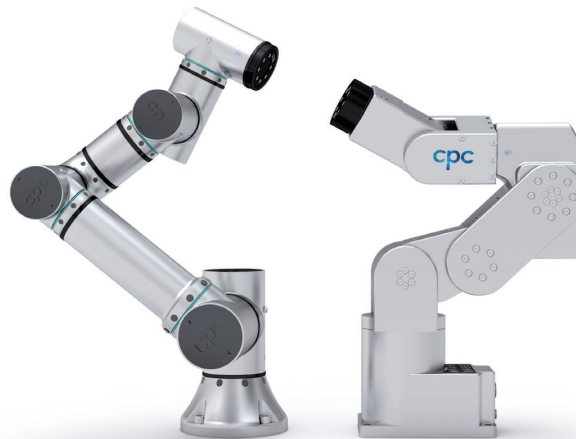
線性滑軌系列、伺服馬達系列、
伺服驅動器系列、磁性編碼系統
線性 / 扭矩馬達模組系列



2021 Industrial automation Gold

cpcRobot

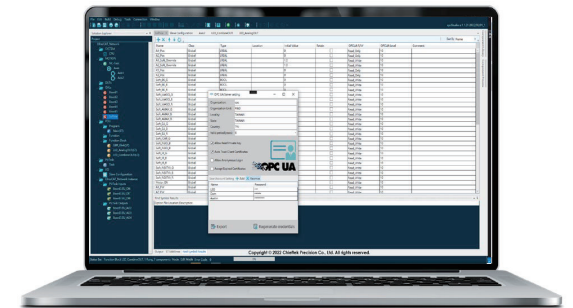
S0, DB0 6 軸機械手臂
ATC 自動換刀系統、VA 真空夾爪



cpcStudio

PLC / IDE platform

軟體 PLC / IDE 平台



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Smart manufacturing





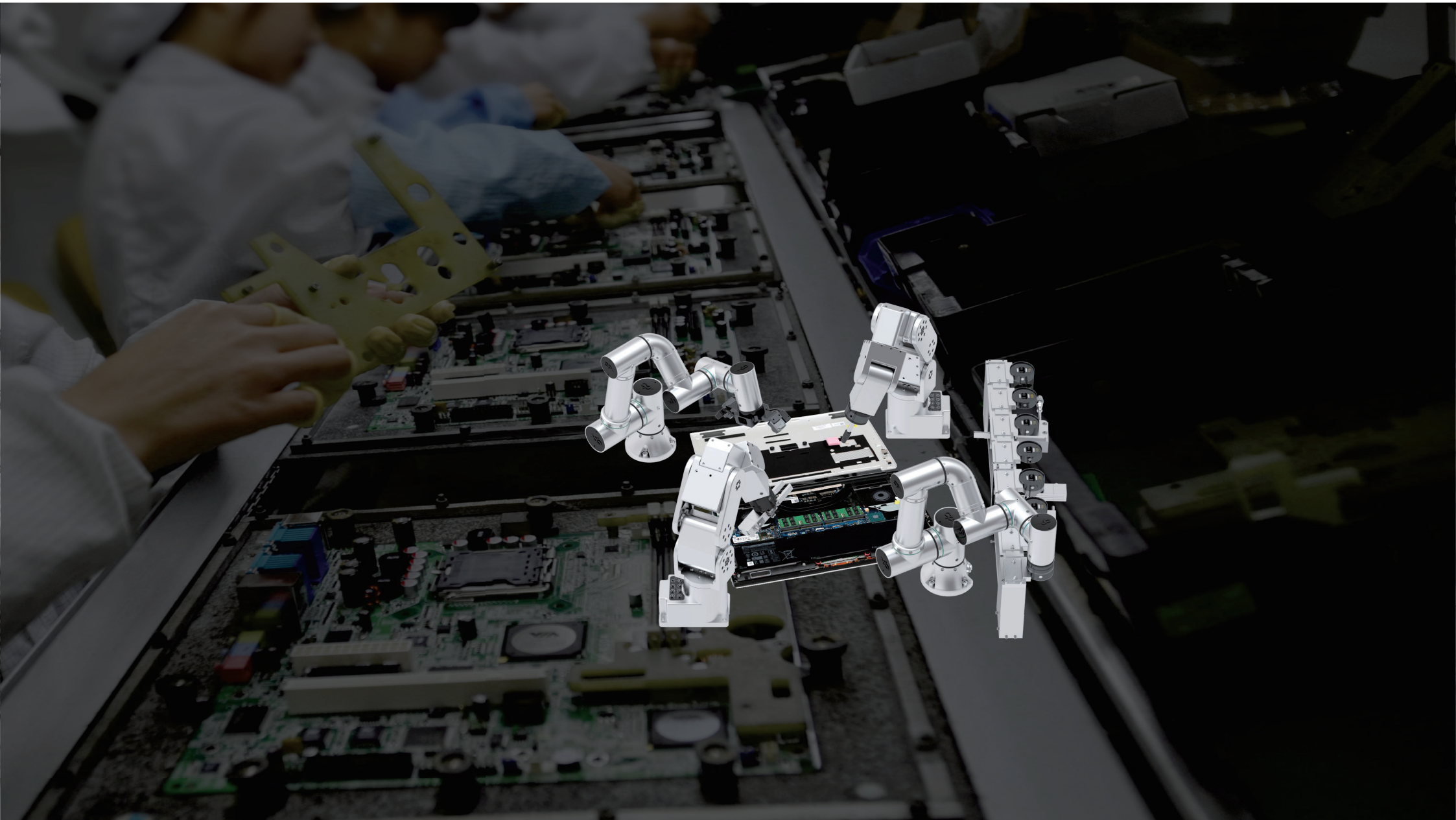
2021 Industrial automation Gold



cpcRobot
6-axis robot

cpcStudio
PLC / IDE platform







cpcRobot

6-axis Miniature Robot Arm



擴充選配

cpcStudio

A. EtherCAT 配置，從站控制

- 多軸運動控制
- 各類遠端I/O連結
- 訊號讀取裝置

B. 軟體 PLC

- 支援ICE-61131-3包含LD, ST, FB 語言撰寫
- PLCopen運動指令
- Modbus TCP
- OPC-UA server

ATC 自動交換座

- 100%機械作動 / 不需外來動力源
- 重現精度 $\pm 10 \mu\text{m}$

VA真空夾爪

- 內建真空幫浦
- 具壓力檢知
- 隨插即用
- 吸盤客製化

HMI / APP 教導器

程式編輯

A. 直譯語法

B. 功能目錄

- 變數宣告
- 邏輯判斷
- 運動指令
- 自動點位輸入
- 設定參數
- 數學運算
- 流程控制

教導介面

- ##### A. 手動拖拉
- 點位記錄
 - 路徑錄影
- ##### B. Jog位移
- ##### C. 點位控制

畫面顯示

- ##### A. 電流
- ##### B. 電壓
- ##### C. 位置
- ##### D. 目標誤差
- ##### E. 模式切換

模擬器 (HMI)

腳本執行

- ##### A. 暫停
- ##### B. 單步
- ##### C. 調速

參數設定

- ##### A. 座標設定
- 工件座標
 - 工具座標
- ##### B. 工具設定
- ##### C. 姿態設定
- ##### D. 工具I/O設定

安全保護

- ##### A. 電流保護
- ##### B. 位置保護
- ##### C. 力量保護
- ##### D. 功率保護
- ##### E. 動量保護

特點

超小尺寸

- ##### A. 收納尺寸小於A4
- ##### B. 重量 < 5 kg

高重現精度

- ##### S0 $\pm 10 \mu\text{m}$
- ##### DB0 $\pm 5 \mu\text{m}$

末端軸無限旋轉

自動碰撞偵測

工具 I/O

- 內含2組類比輸入, 2組數位輸入與2組數位輸出
- 支援多元數位輸出種類

機械安全規範

支援高階語言控制

- C++/C#
- 字串命令

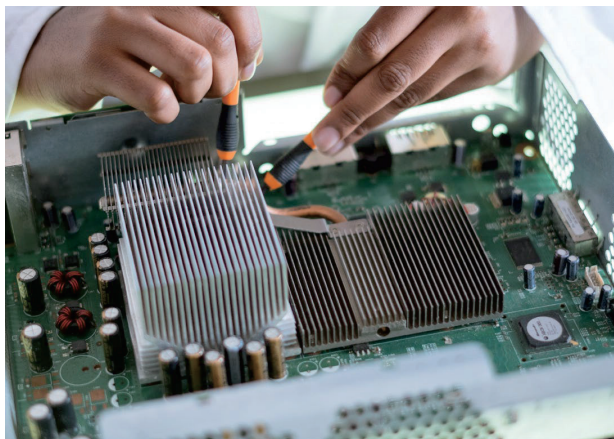
奇異點穿越

關節

- ##### A. 模組化設計
- ##### B. 狀態顯示燈

IP等級

- ##### S0 : IP54
- ##### DB0 : IP40



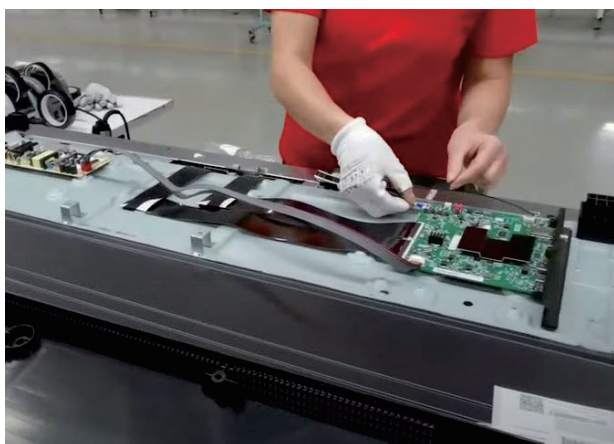
電腦業



手機業



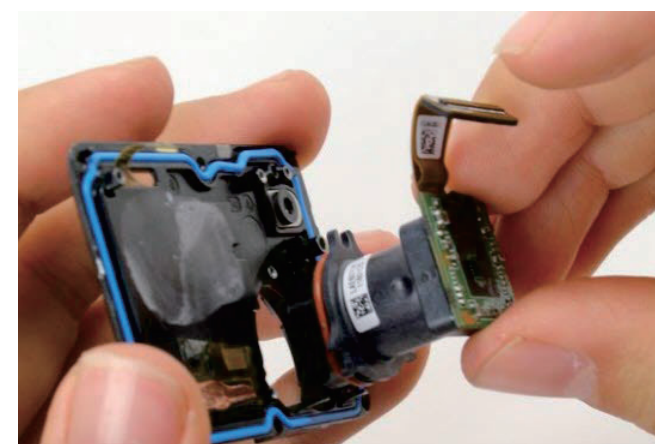
醫療用品業



面板業



鐘錶業



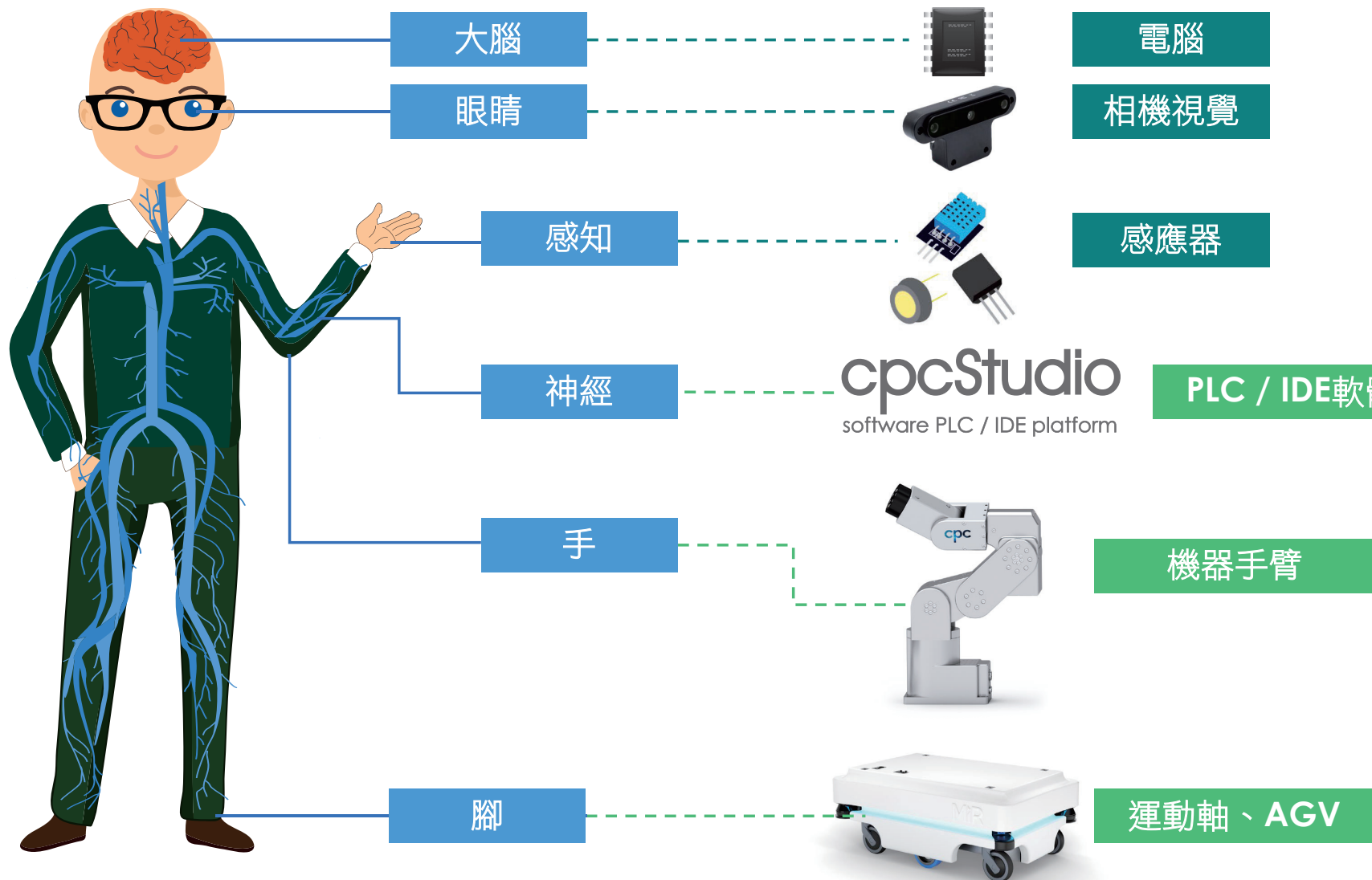
光學產品

圖片來源: 網路擷取

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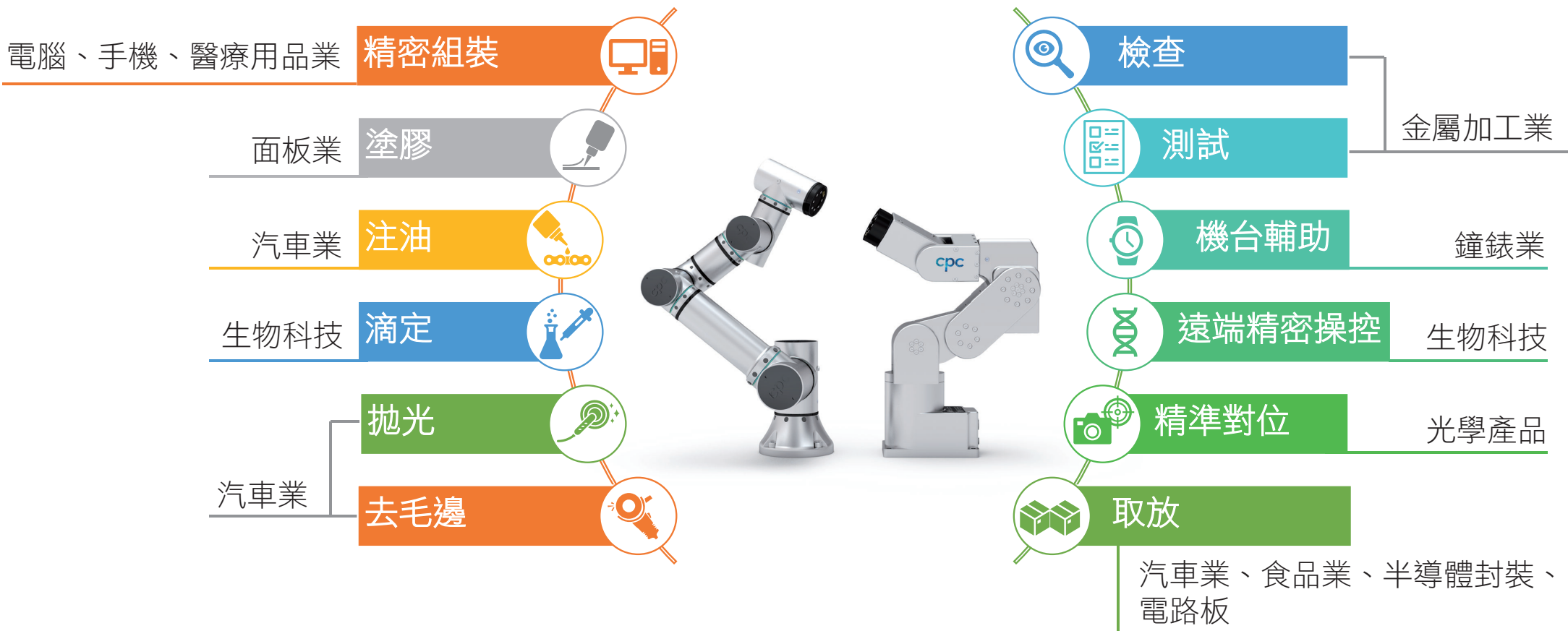


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微型手臂應用



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財務報告

財 務 報 告

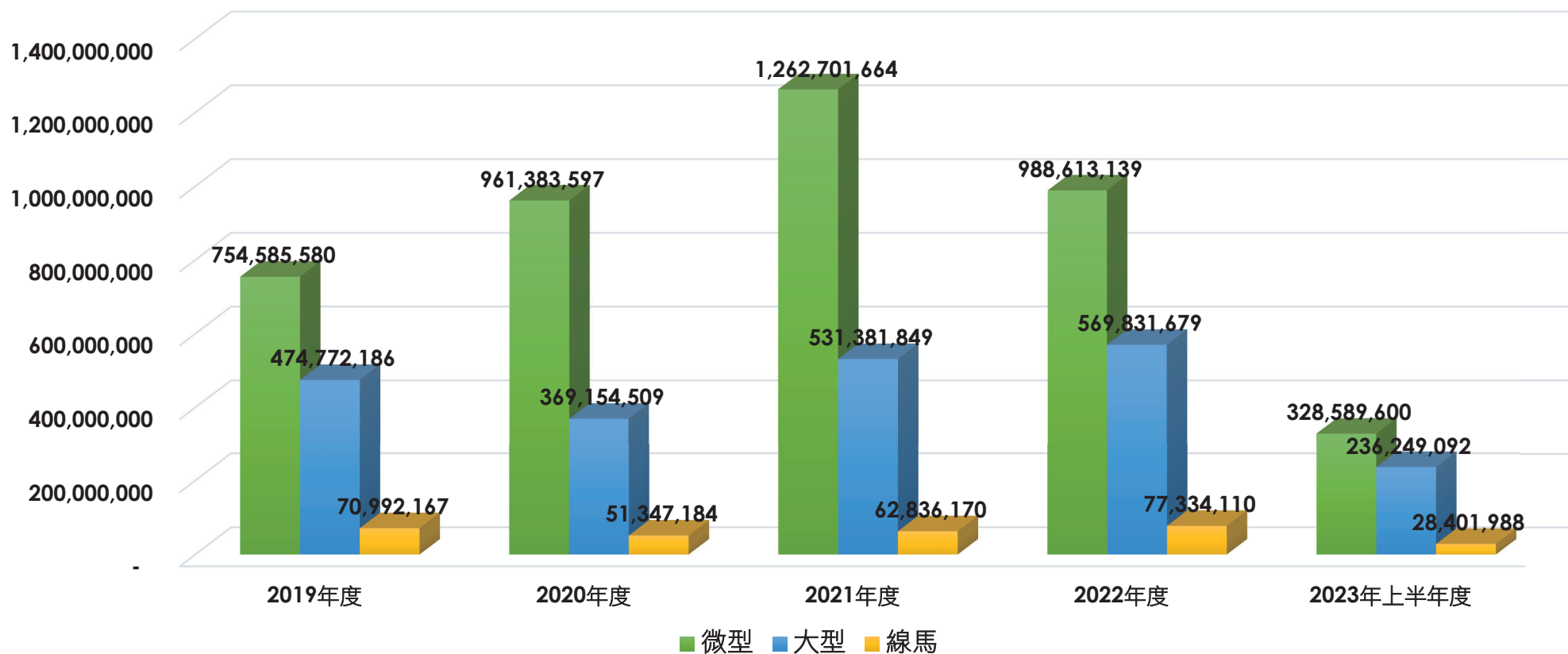
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2019~2023 年上半年度 產品別營收趨勢圖



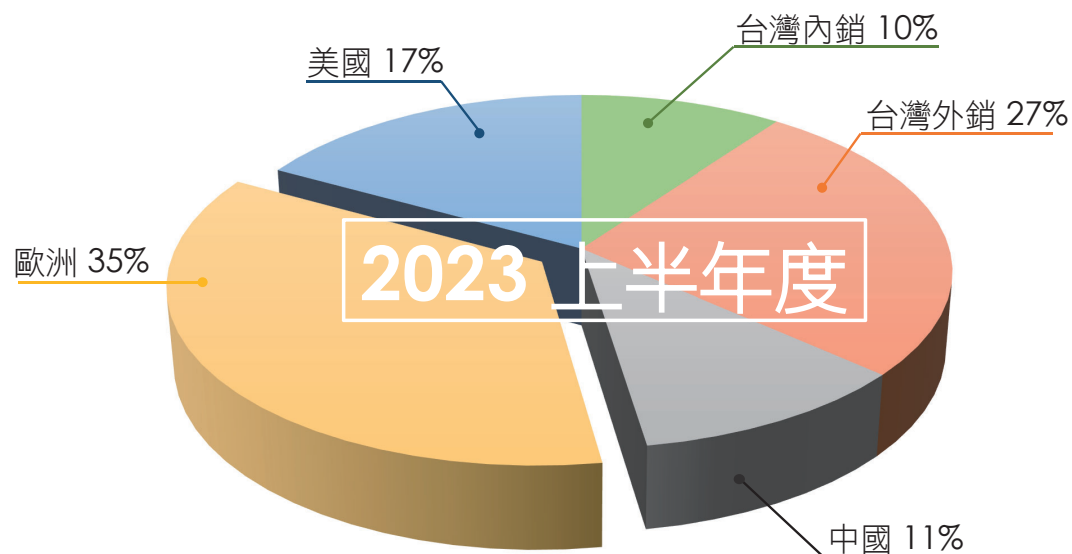
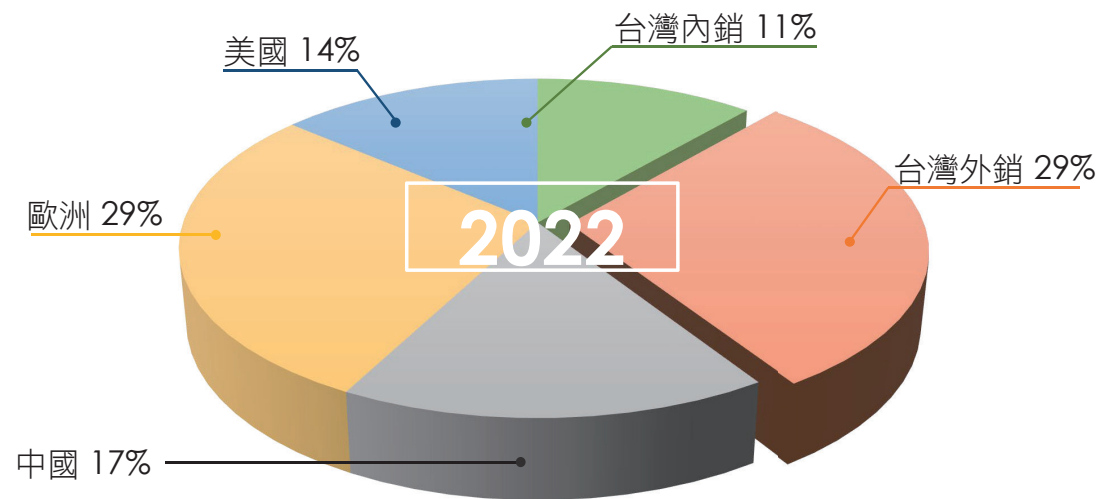
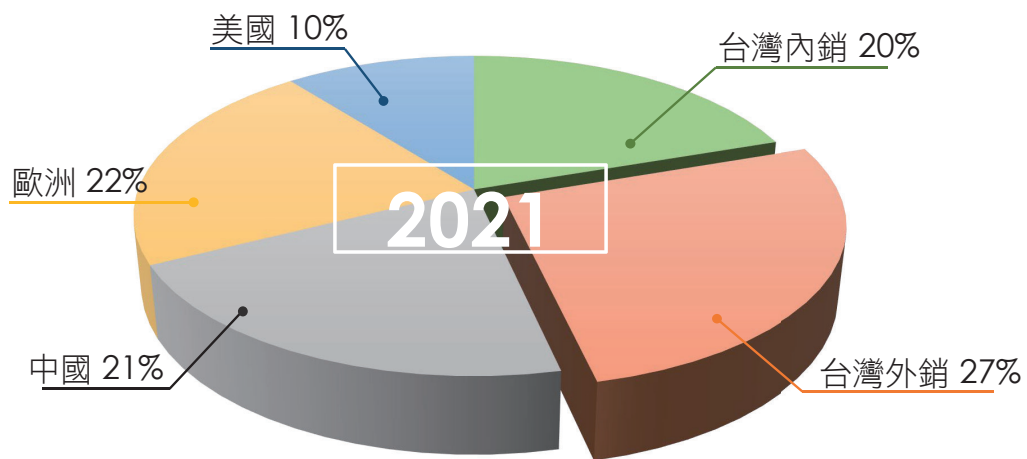
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2021~2023 年上半年度 地區別營收占比

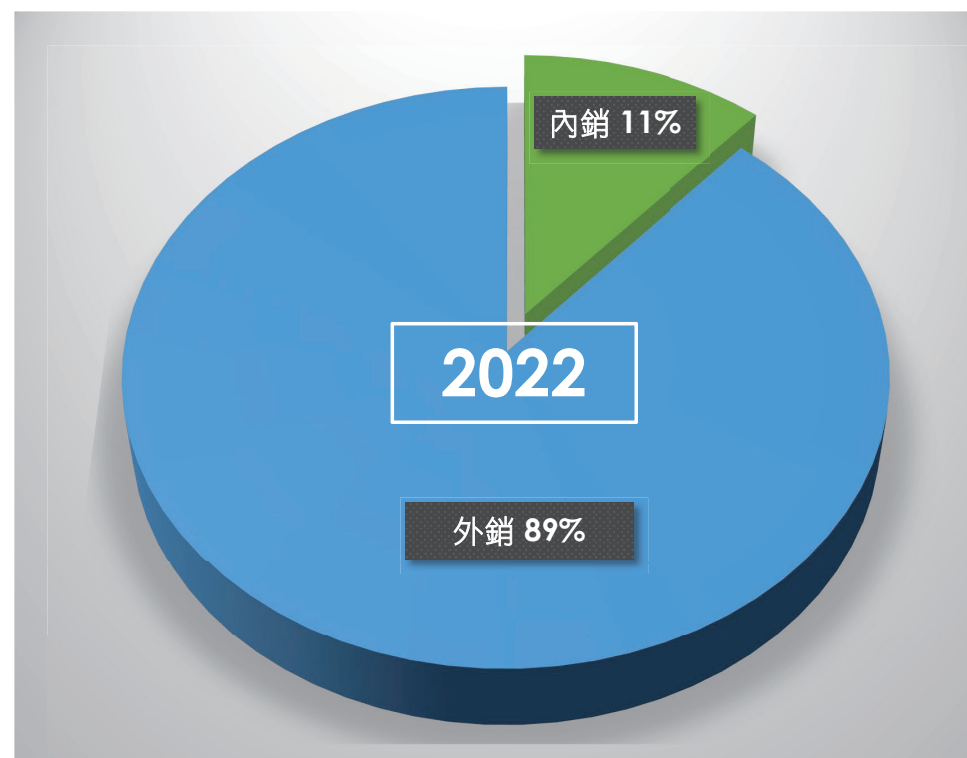
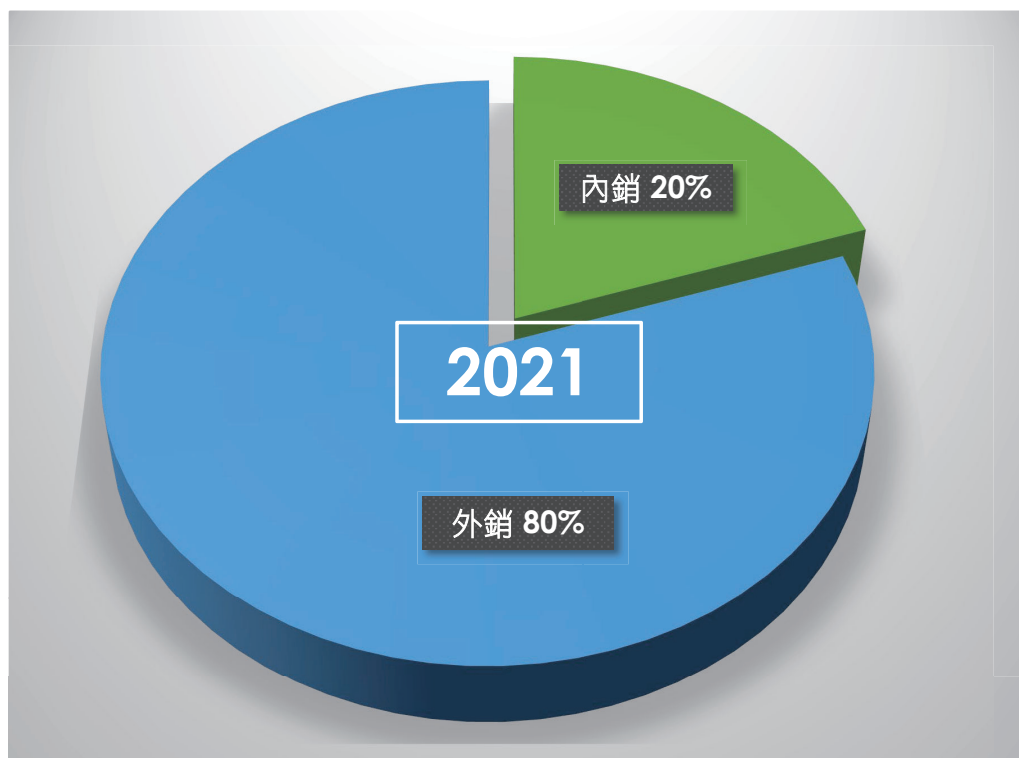


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2021~2022 年 內外銷地區別營收占比

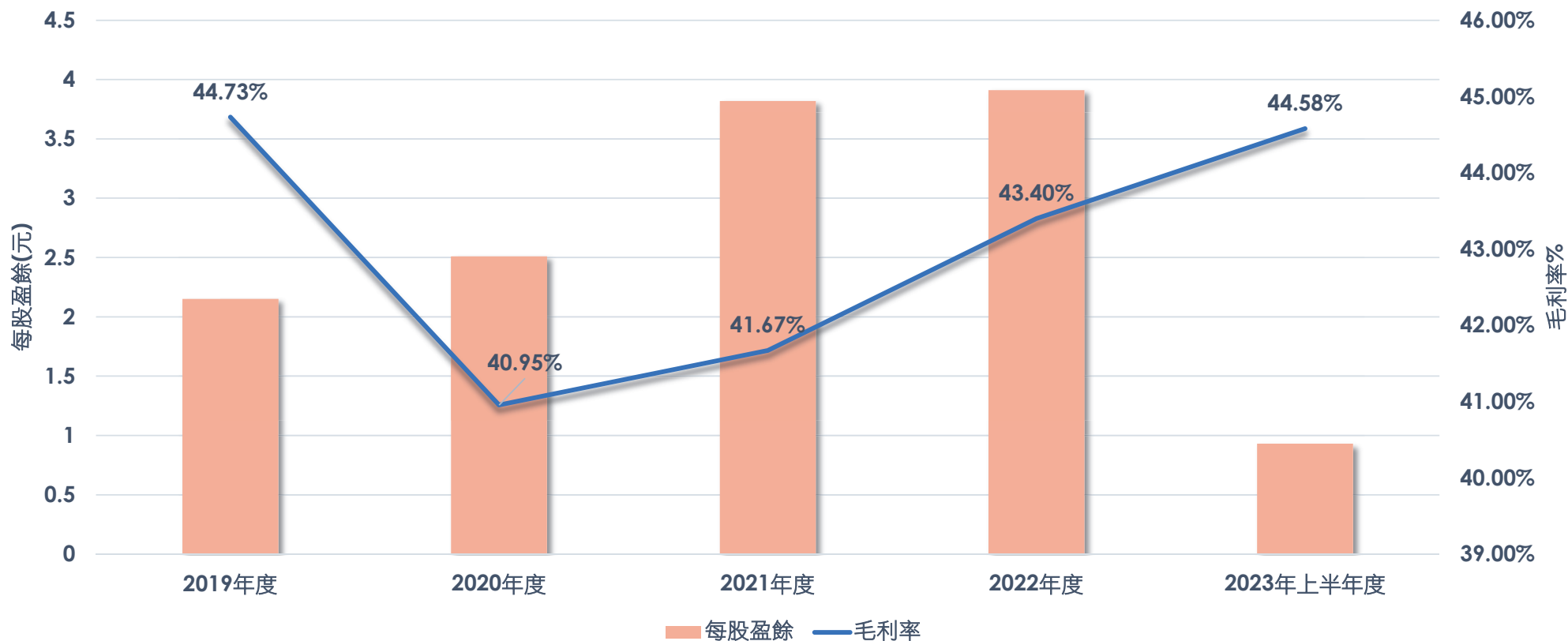
■ 內銷 ■ 外銷



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2019~2023 年上半年度 毛利率及每股盈餘趨勢圖



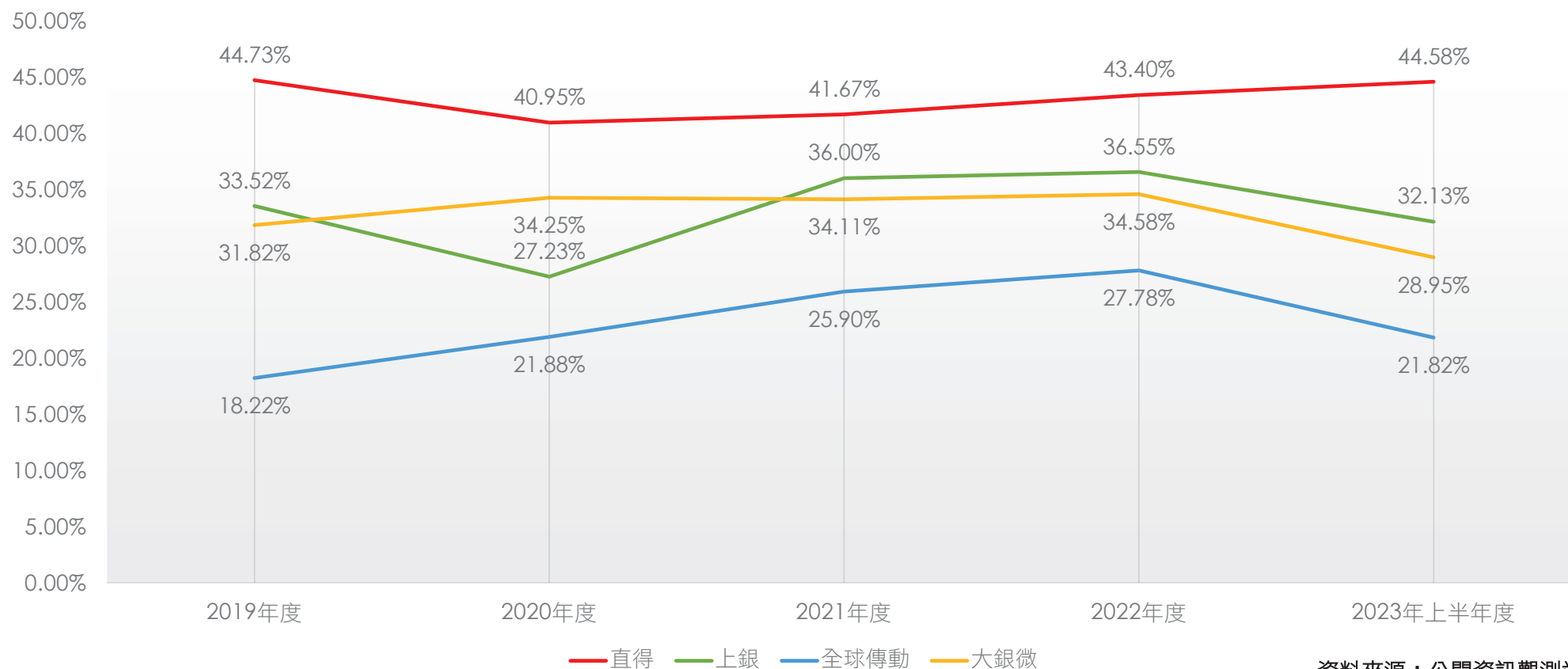
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2019~2023 年上半年度 營業毛利趨勢圖

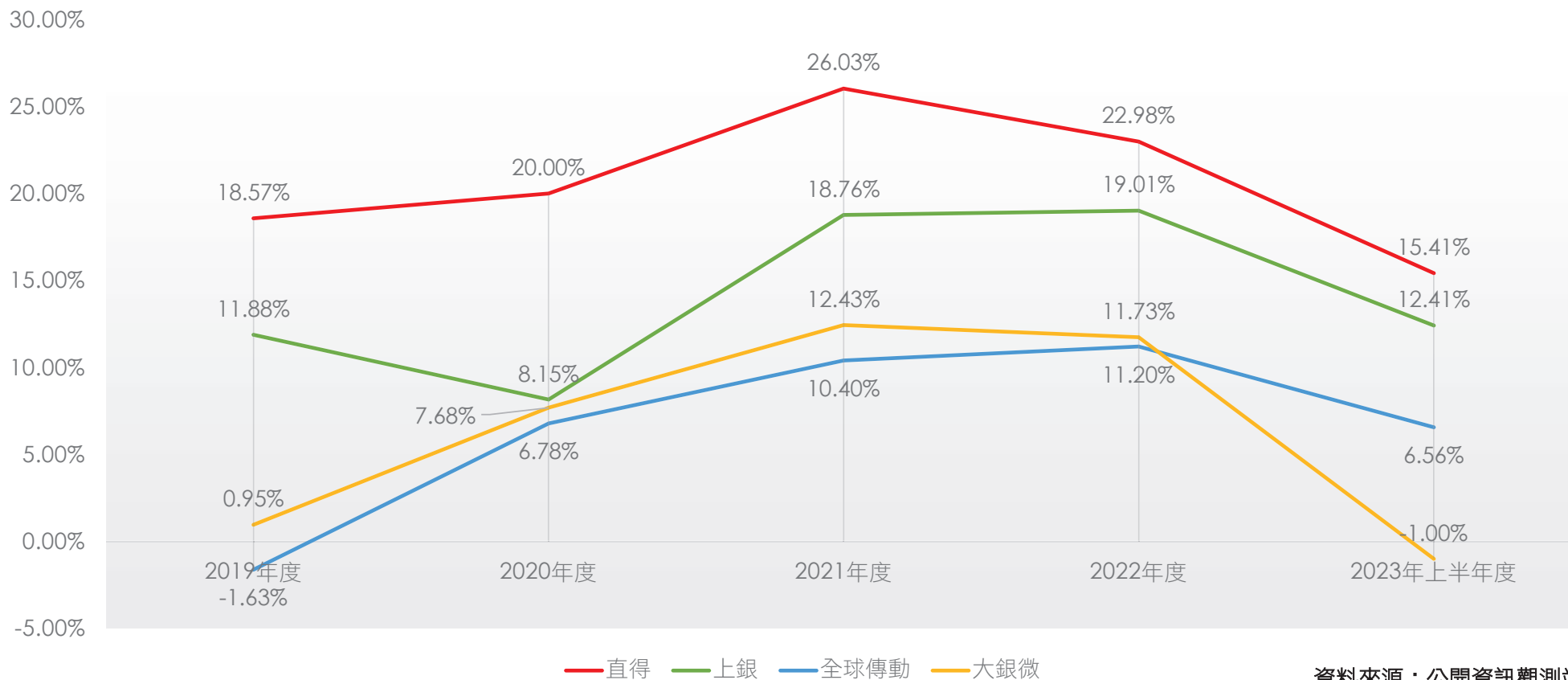


資料來源：公開資訊觀測站

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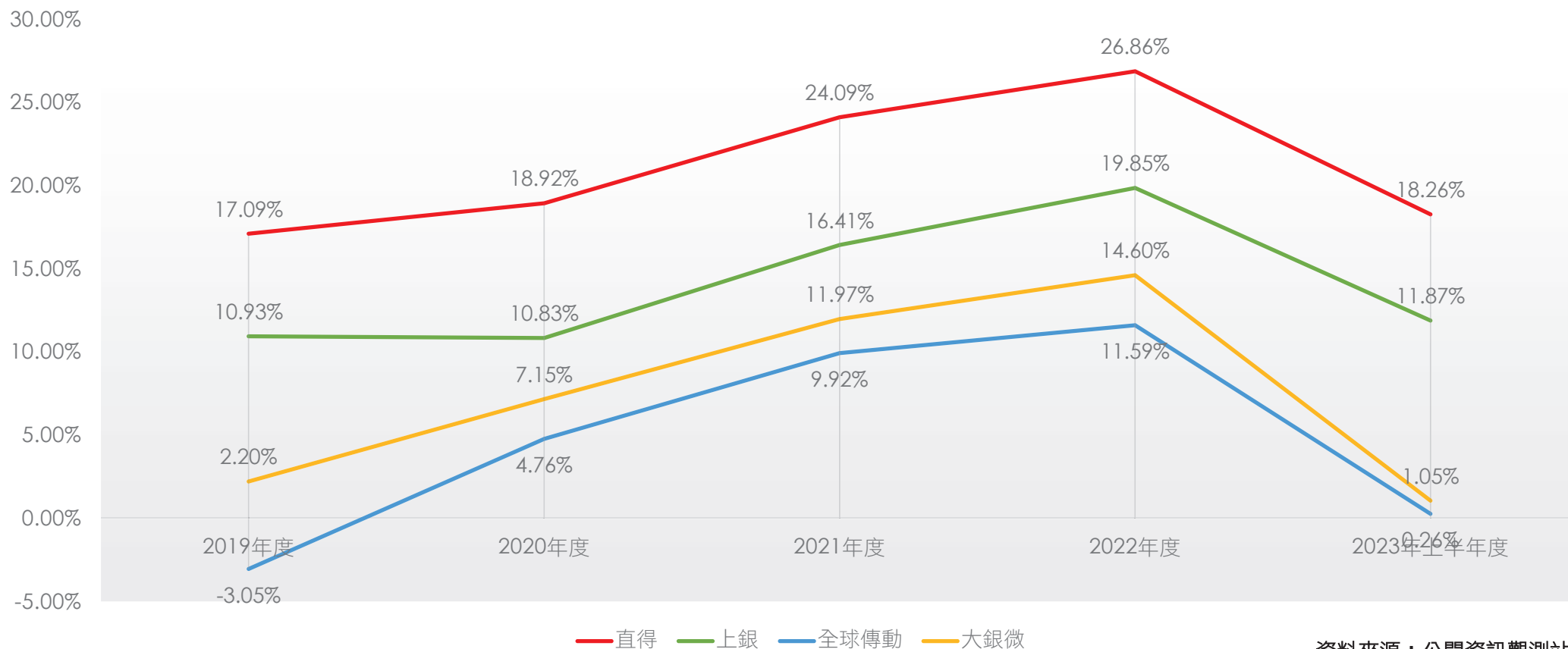
2019~2023 年上半年度 營業利益趨勢圖



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2019~2023 年上半年度 稅前淨利趨勢圖

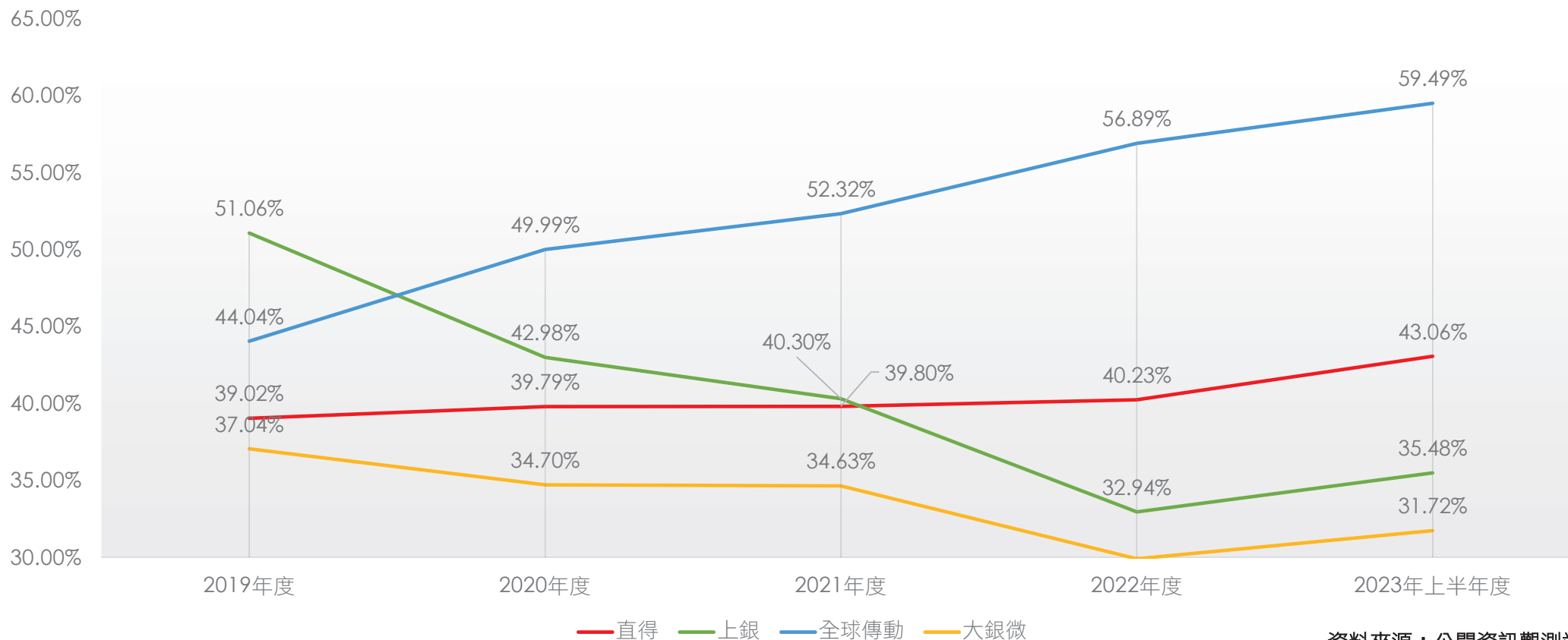


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2019~2023 年上半年度 負債比率趨勢圖



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股利政策

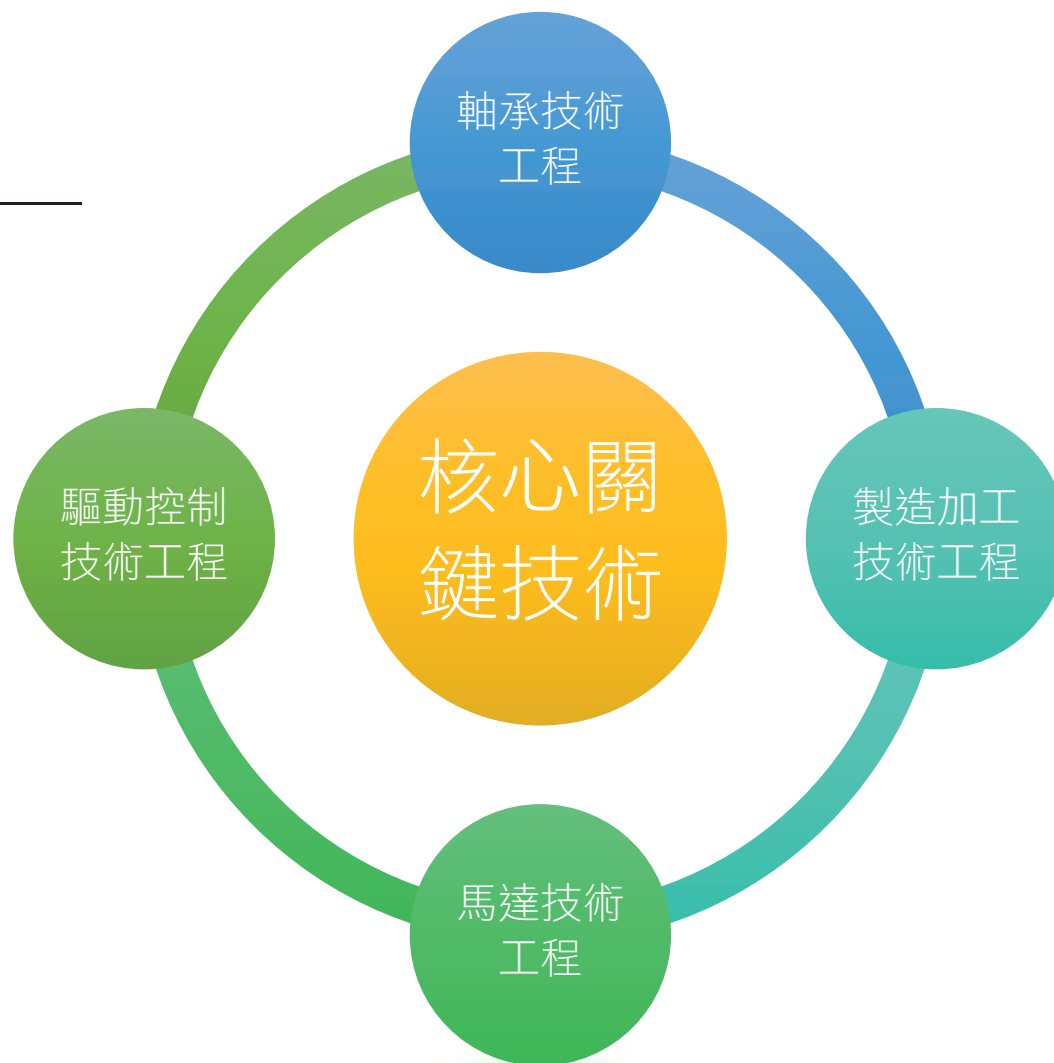
單位：元

獲利年度	現金股利	盈餘配股	合計
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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競爭利基



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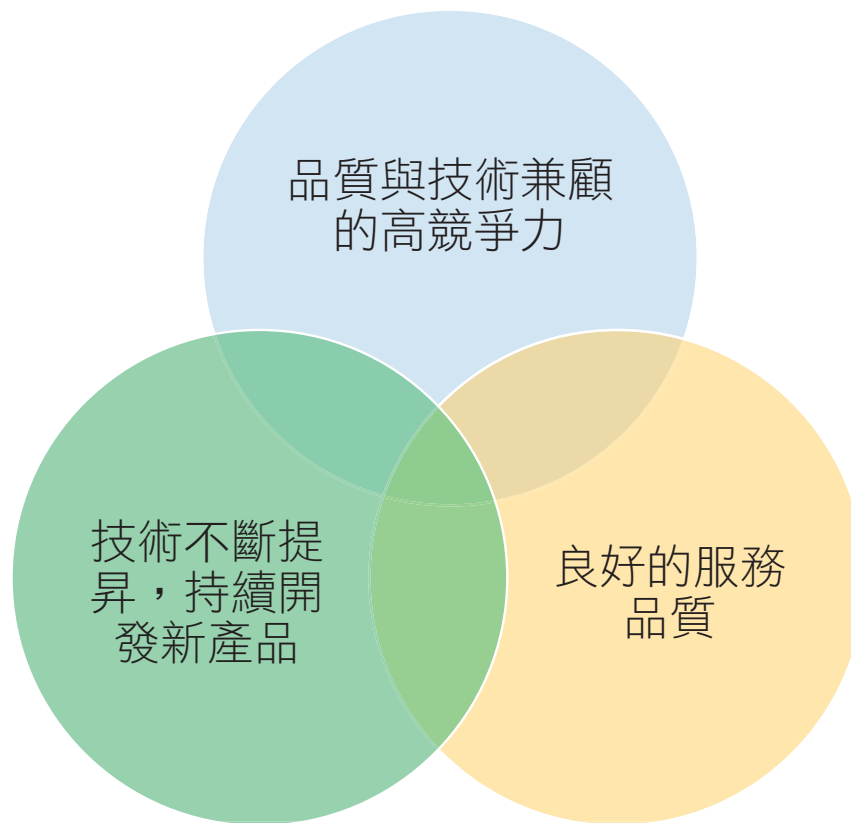
競爭利基



German quality



Competitive pricing



品質與技術兼顧
的高競爭力

技術不斷提昇，
持續開發新產品

良好的服務
品質



Taiwanese flexibility

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cpc

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cpcRobot

cpcStudio

cpcCells

cpc YouTube



歡迎各位持續追蹤及訂閱，我們將會不斷更新產品影片！