

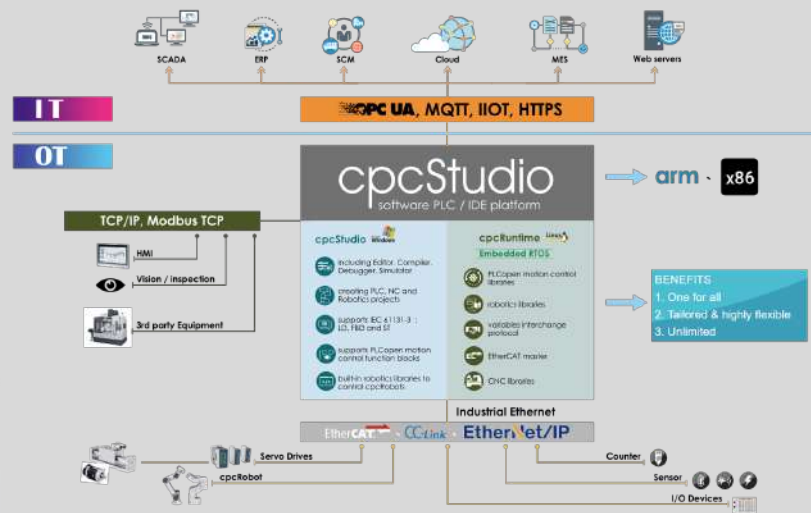


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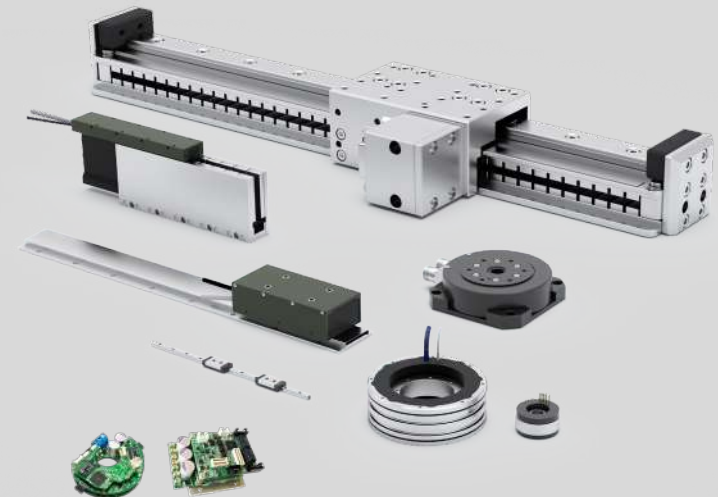
cpcRobot



cpcStudio



cpcCells



報告人：許心璞 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



2018 → 智慧製造軟體、硬體開發

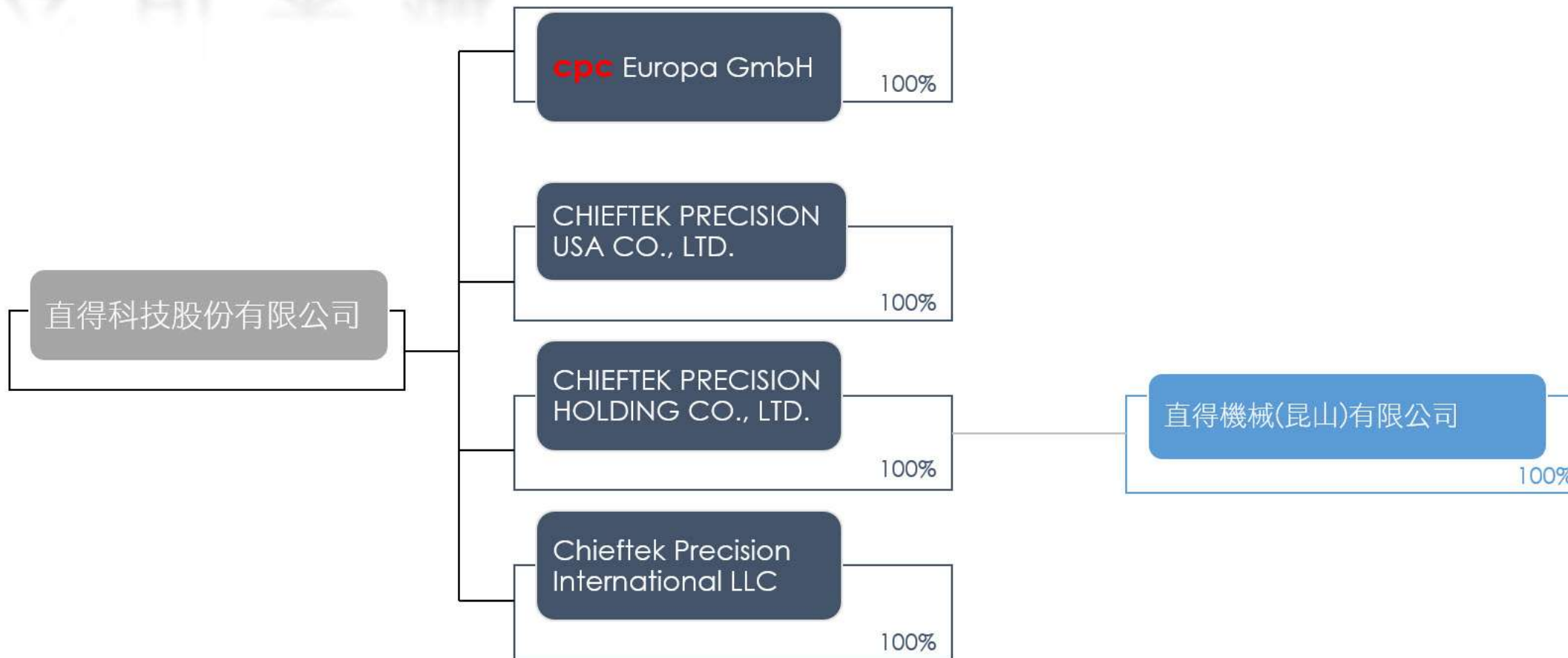
直得科技成立	美國子公司成立 cpc USA 中國子公司成立 cpc China	cpc 新廠擴張	MMLS / CLS 線性馬達模組及 平台正式量產	Size 2 微型線性滑軌 開始量產	推出新系列 cpcRobot 微型六軸機械臂和 cpcStudio 軟體PLC/IDE平台	cpcRobot AI視覺開發 cpcCells 交叉滾子開發	
2005	2010	2012		2020			
1998	2008	2011	2016	2019	2021	2022	2024
	設廠於台南科學園區	歐洲子公司成立 cpc Europa GmbH	cpc 直得科技上櫃		cpc 直得科技上市	cpcRobot 自動換刀系統	

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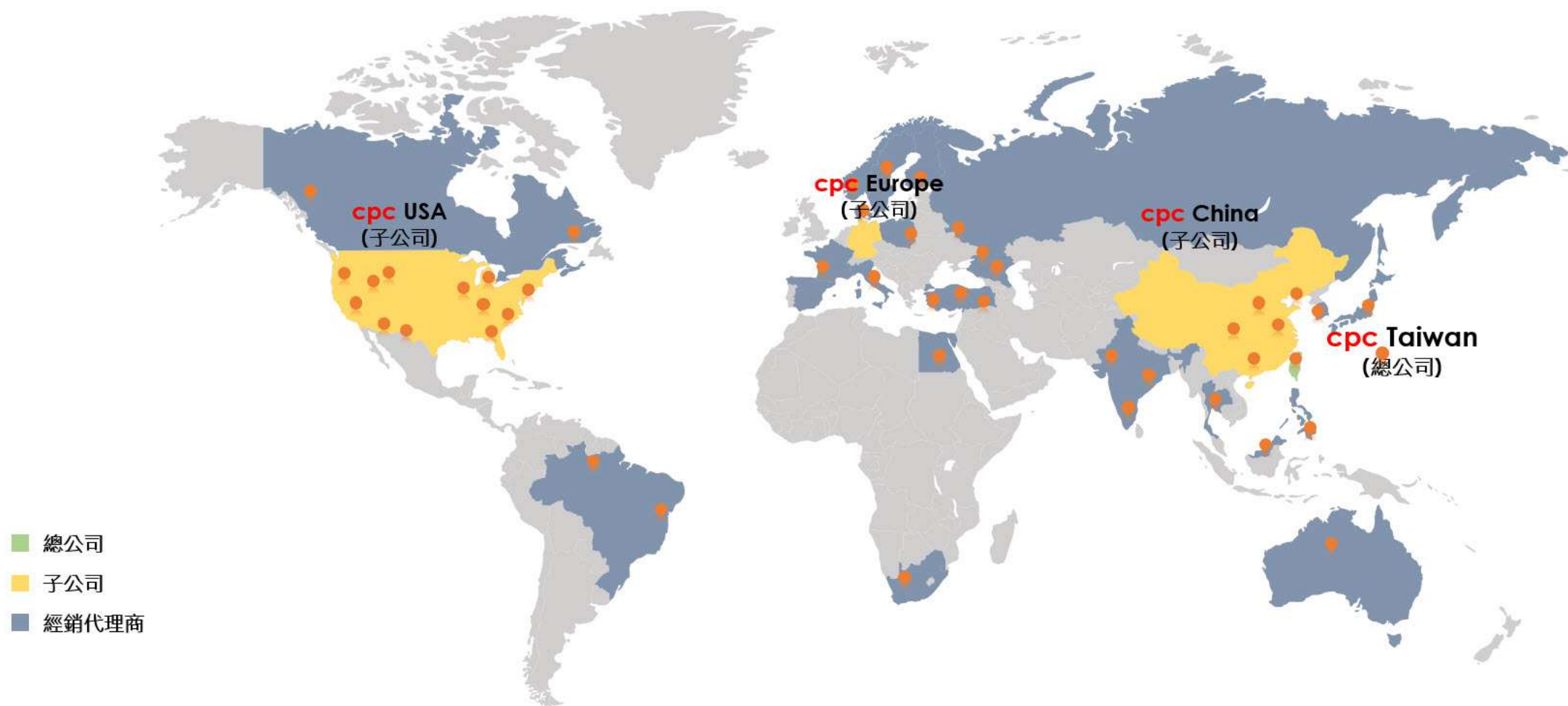
公司架構



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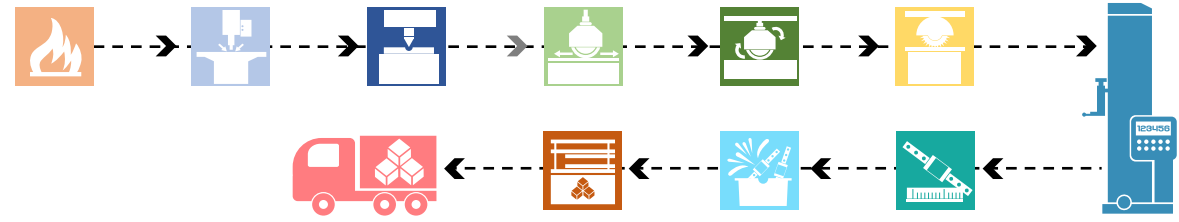
cpc 全球據點



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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 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 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 USA



Warehouse



Sales



Finishing



Application Engineering



cpc China



Warehouse



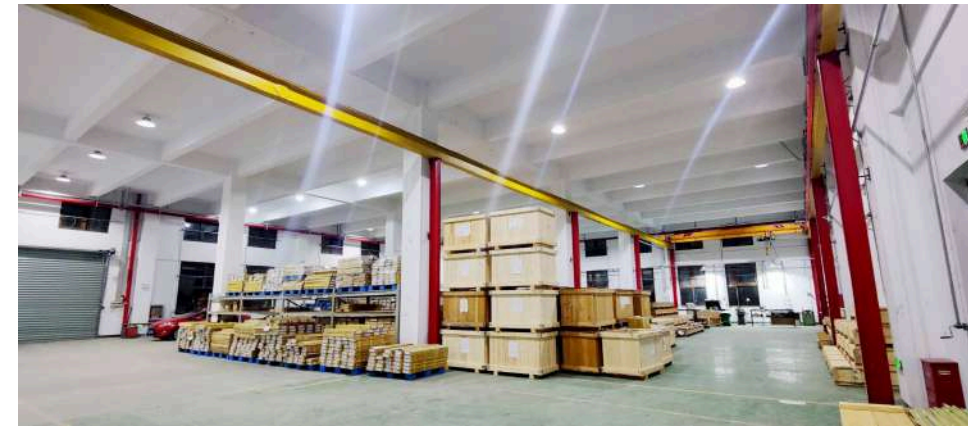
Sales



Finishing



Application Engineering



cpc Europe



Warehouse



Sales



Finishing



Application Engineering



New Investment in Germany

cpc's new plant in Geisingen



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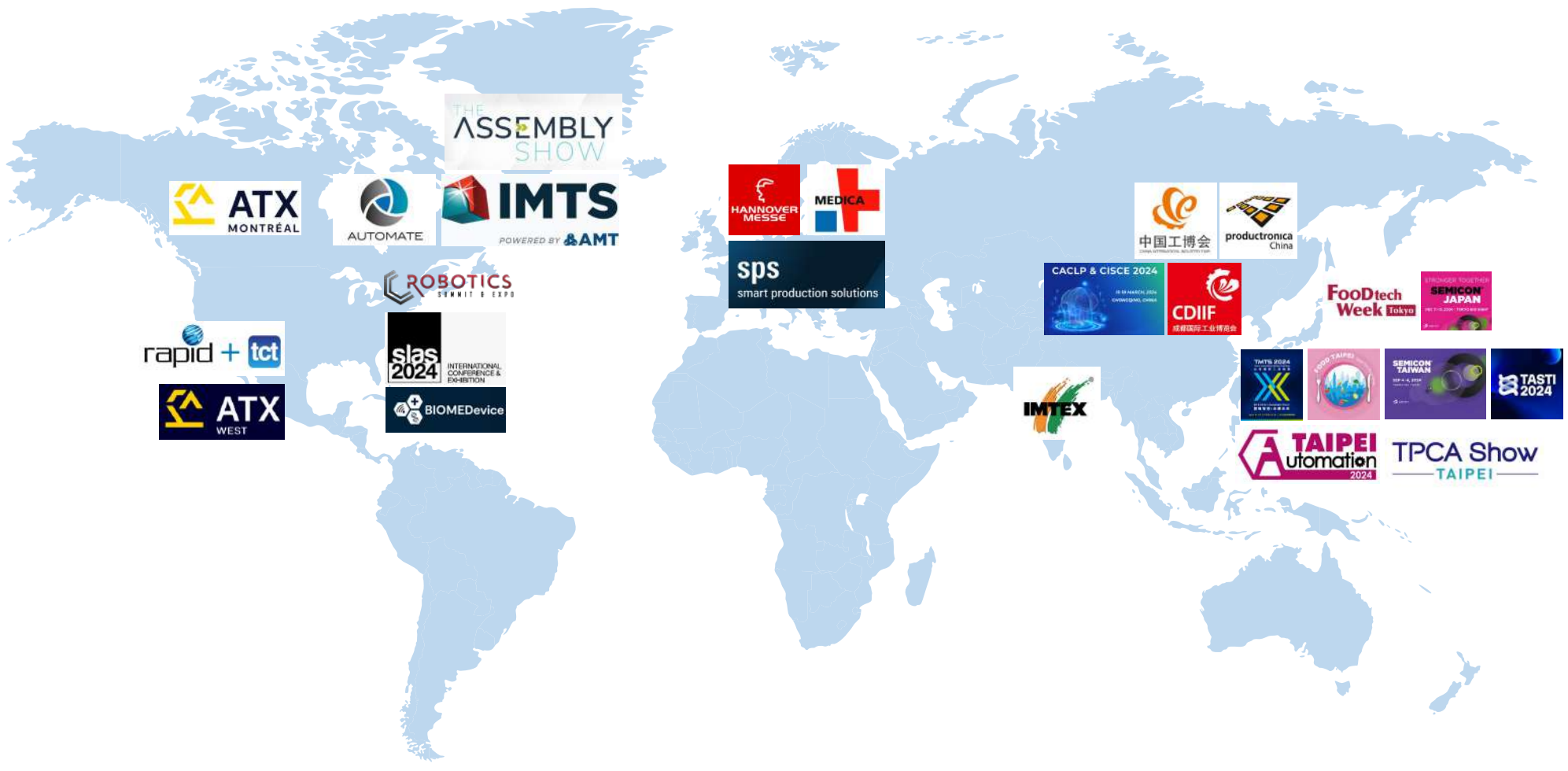
cpc's new plant in Geisingen



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cpc 全球展會活動



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

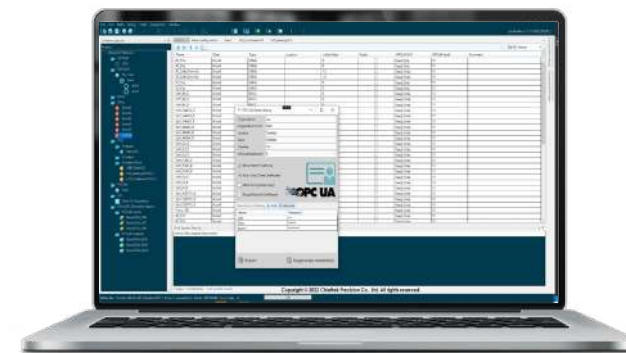
S0, DBO 微型6 軸機械手臂
ATC 自動換刀系統、VA 真空夾爪



cpcStudio

PLC / IDE platform

軟體 PLC / IDE 平台



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Cross Roller 交叉滾子



高精密度、使用壽命長

低噪音、摩擦阻力，無振動特性的直線運動

珠子數量密集，提高負載能力

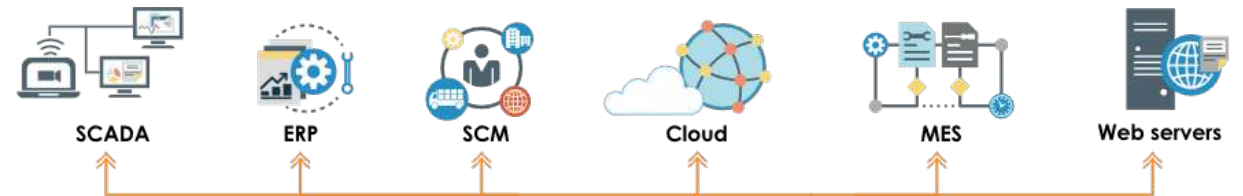
cpc



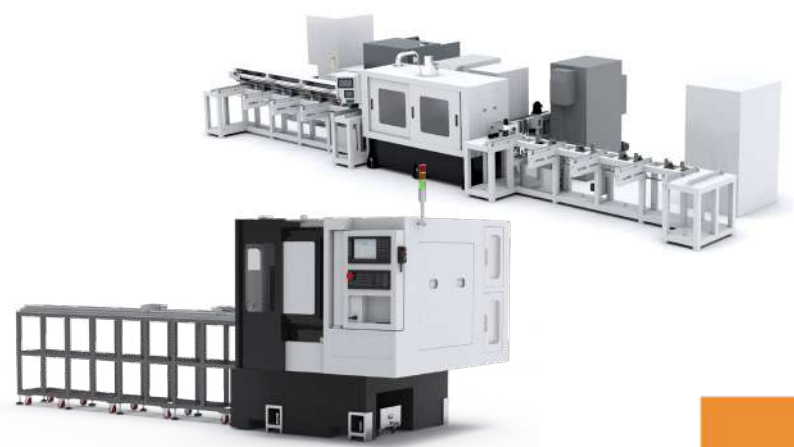
Other



Smart manufacturing



OPC UA, MQTT, IIOT, HTTPS



cpcStudio

software PLC / IDE platform

<p>cpcStudio Windows</p> <ul style="list-style-type: none"> 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 	<p>cpcRuntime Linux Embedded RTOS</p> <ul style="list-style-type: none"> PLCopen motion control libraries robotics libraries variables interchange protocol EtherCAT master CNC libraries
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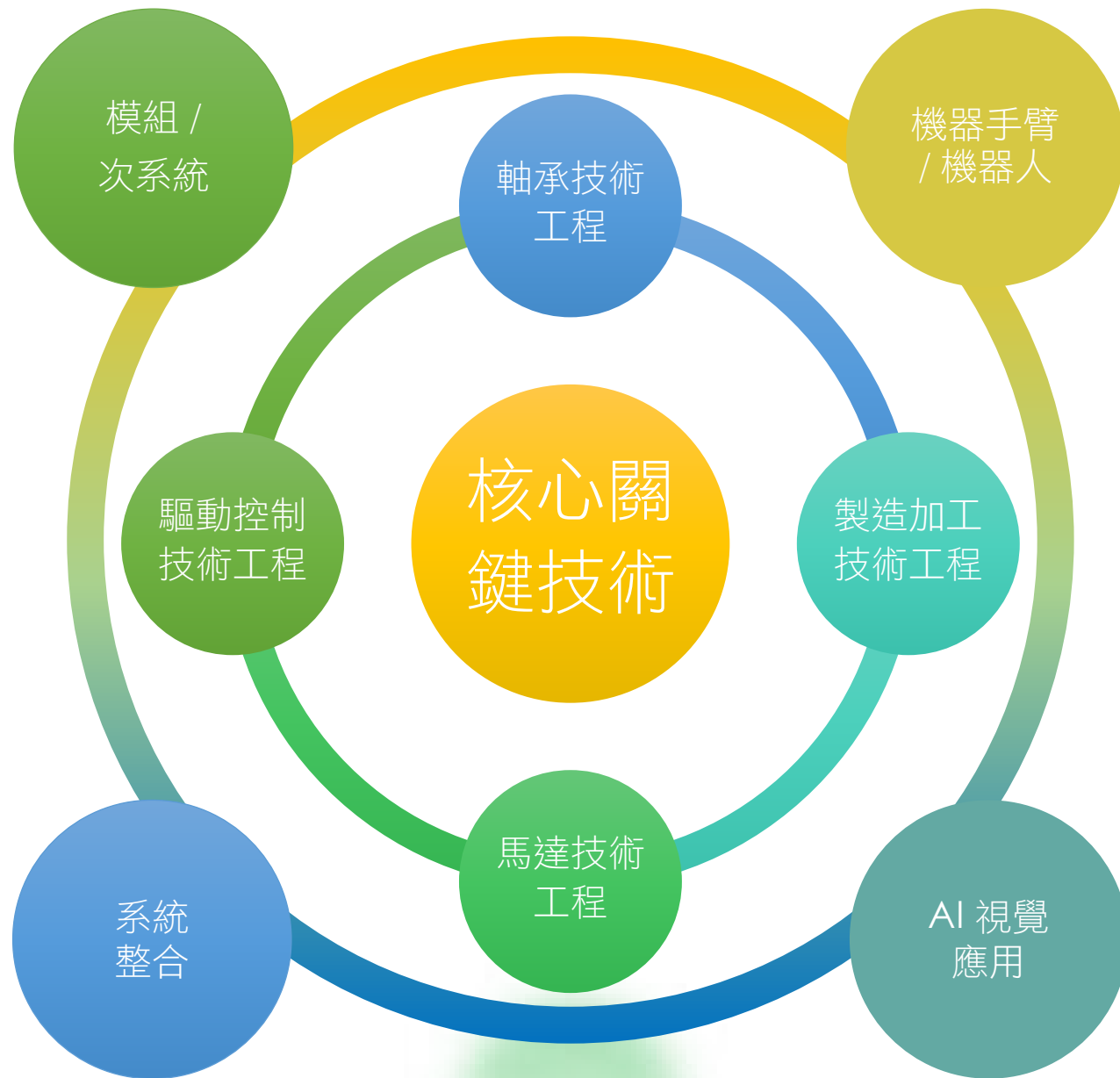


EtherCAT

cpcCells



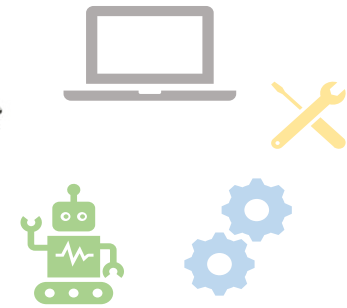
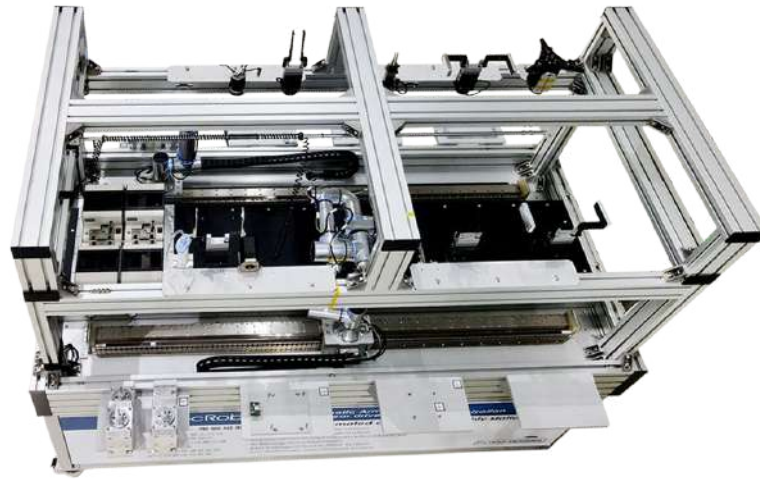
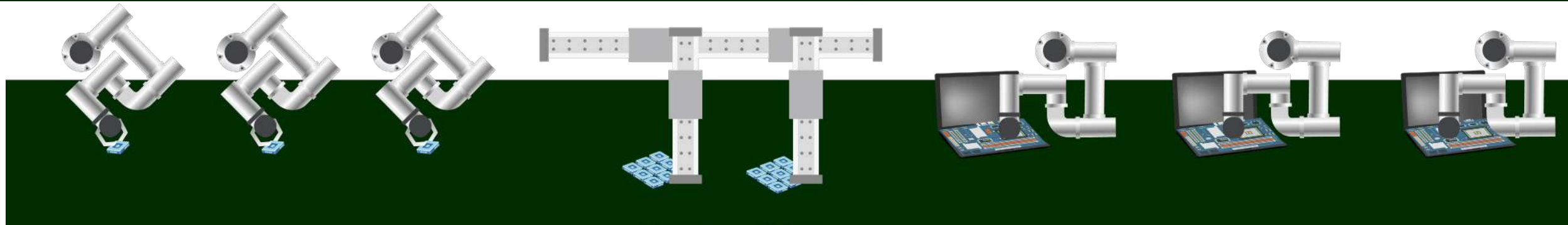
服務擴張



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cpcRobot

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ATC fast automatic tool changer / Multi-tasks

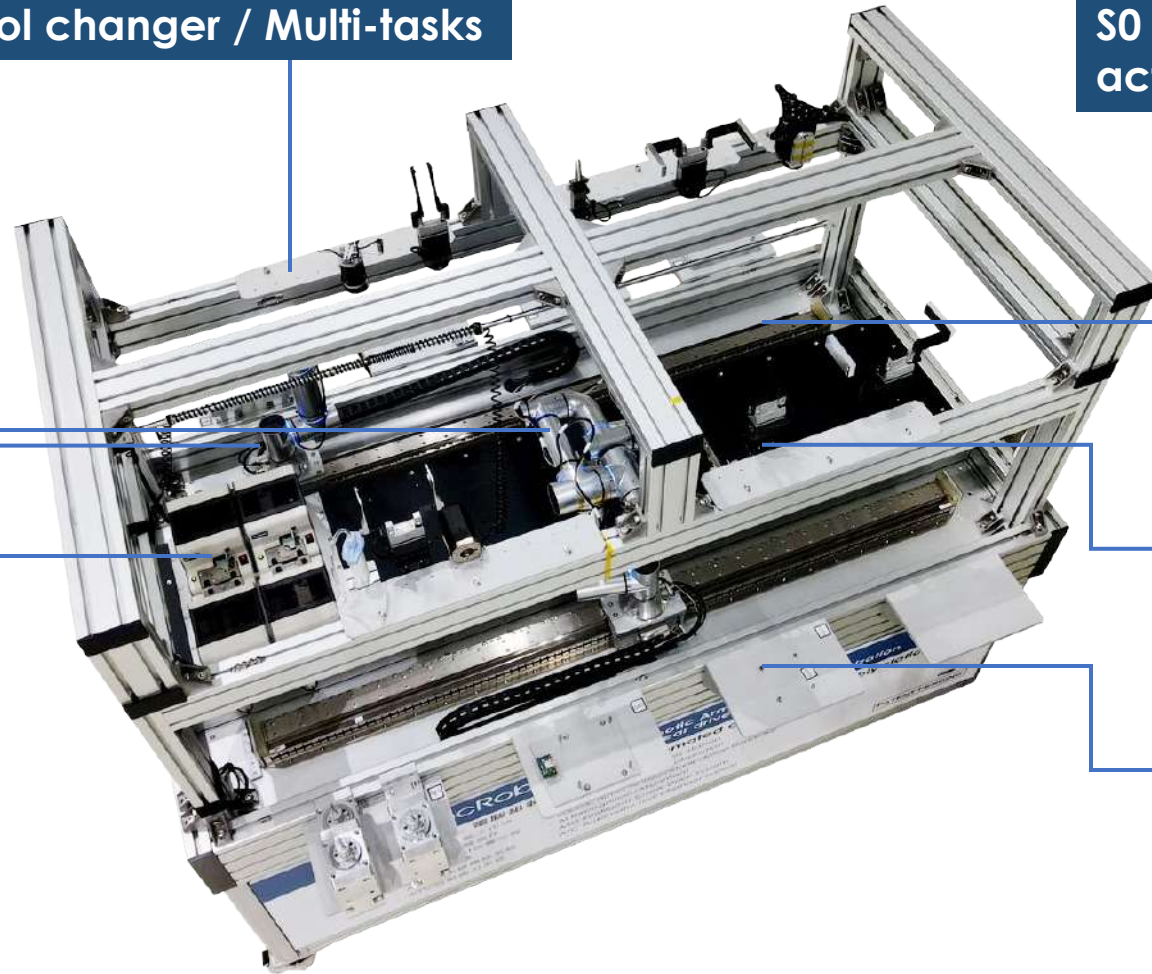
S0 6 DoF robot arm with linear actuators

Vision task

ASD automated screwdriving

Assembly area

Material input area



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ASD AUTOMATED SCREWDRIVING

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cpc AI 視覺 + 運動控制 (Robotic) 的發展



手眼互動模式

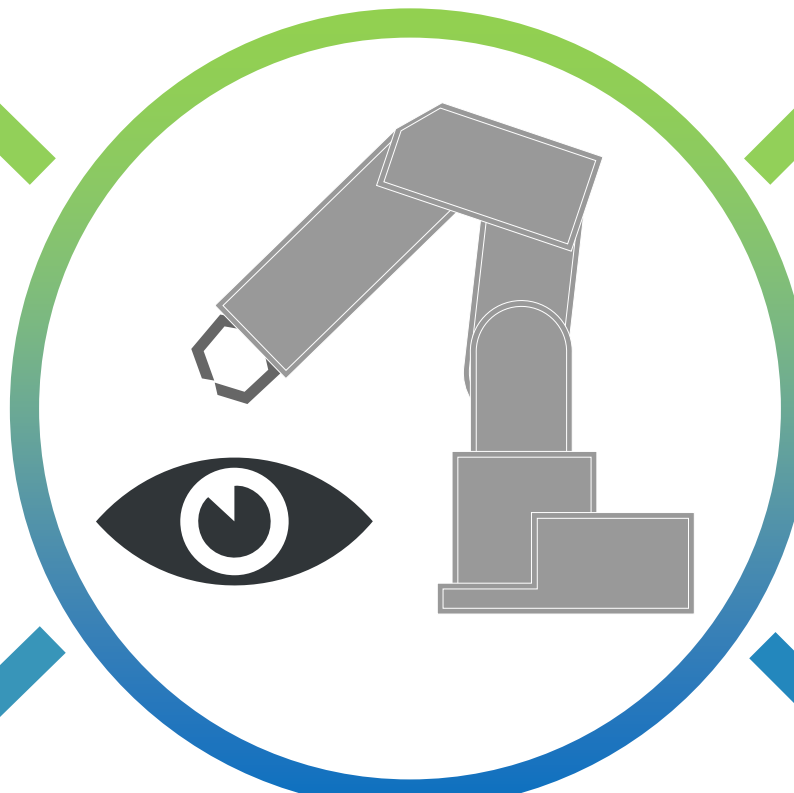


拋棄座標系統觀念，
達到**快速**對準、多手臂同動

仿人工作目標



- 一般性工作
- 複雜性工作
- 高精度性工作



1 mm / 0.1 mm	10 μm / 1 μm
人為	超越人為

精度要求

工作目標

- 穩定性、自動檢測
- 速度 / 精度
- 少量多樣工作 (換線簡易)

佈局低軌衛星

TASA + cpc



衛星

光通訊萬向節

地面測試站

中控系統 cpcStudio



自製火箭

推進系統

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財 務 報 告

財 務 報 告

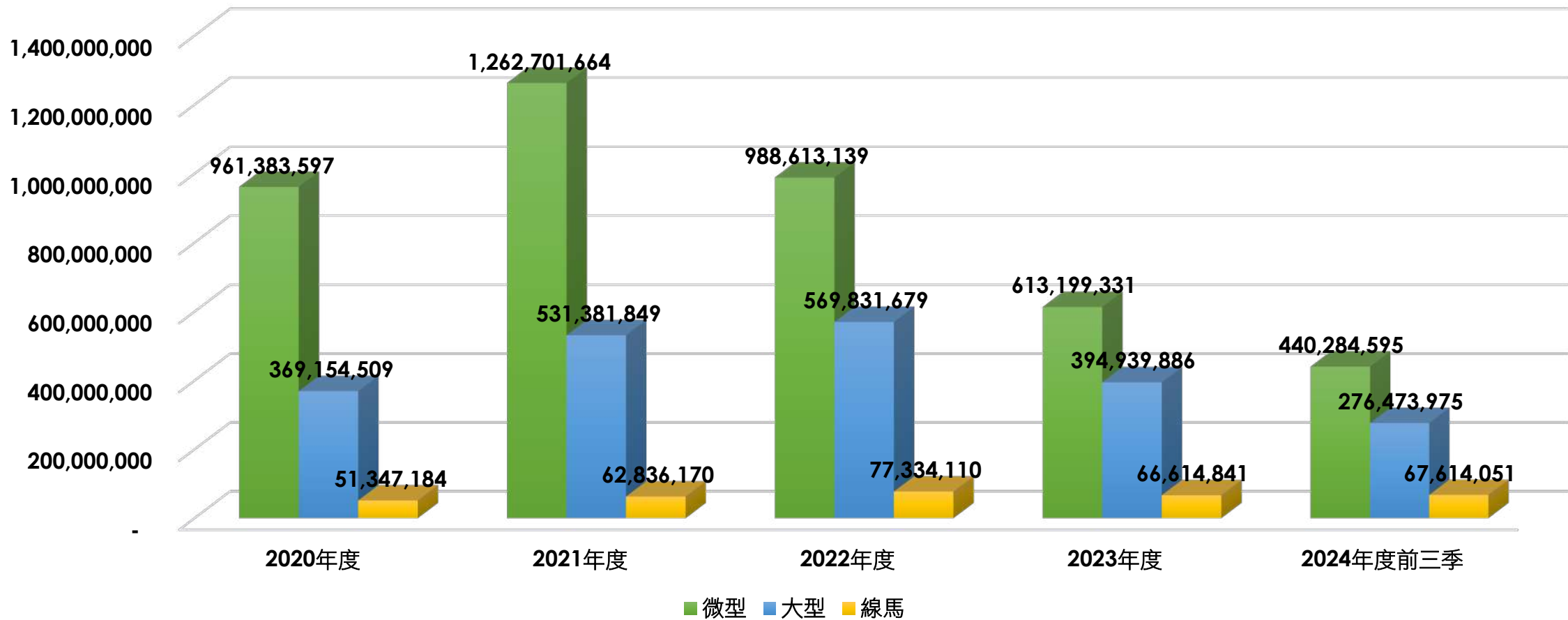
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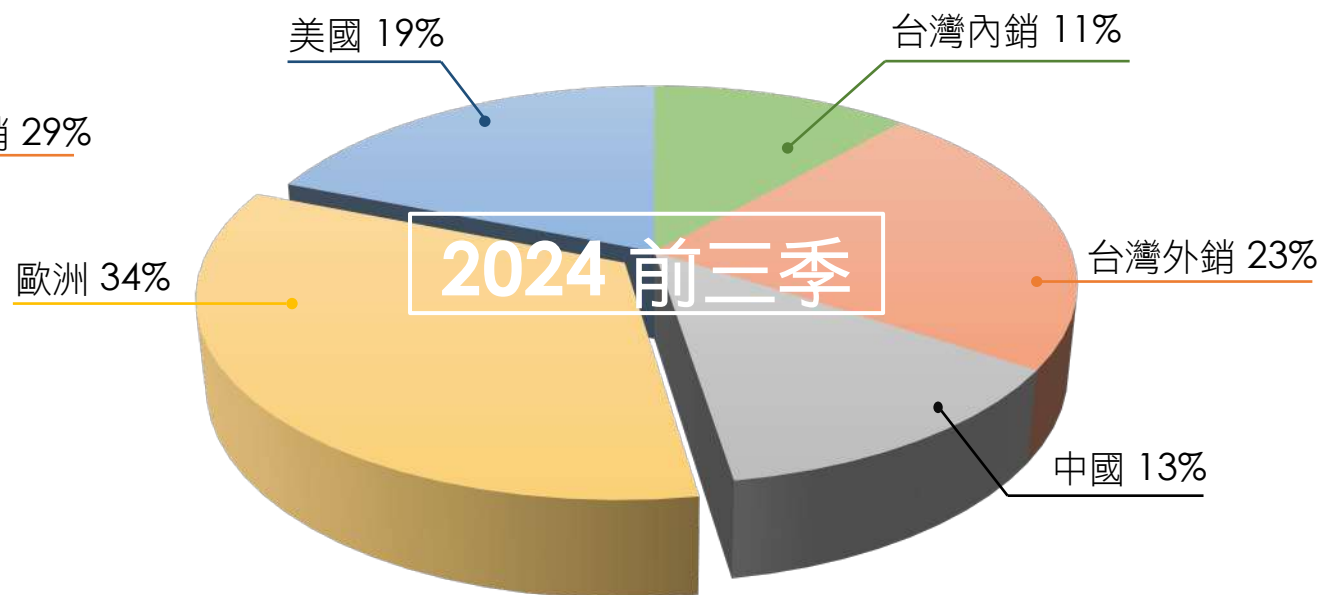
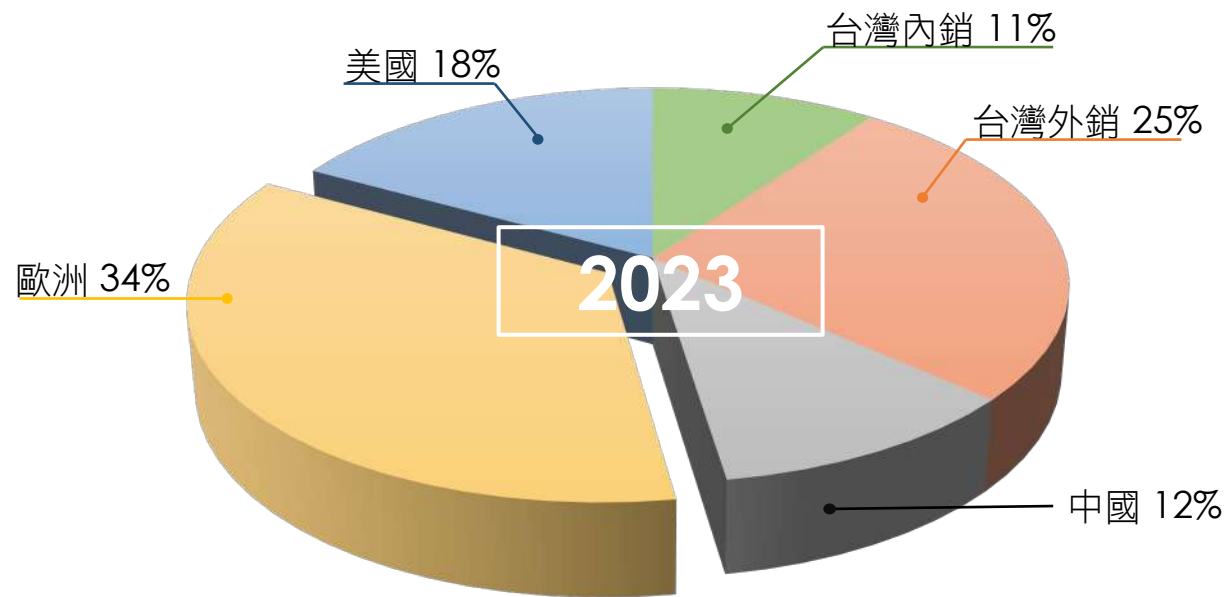
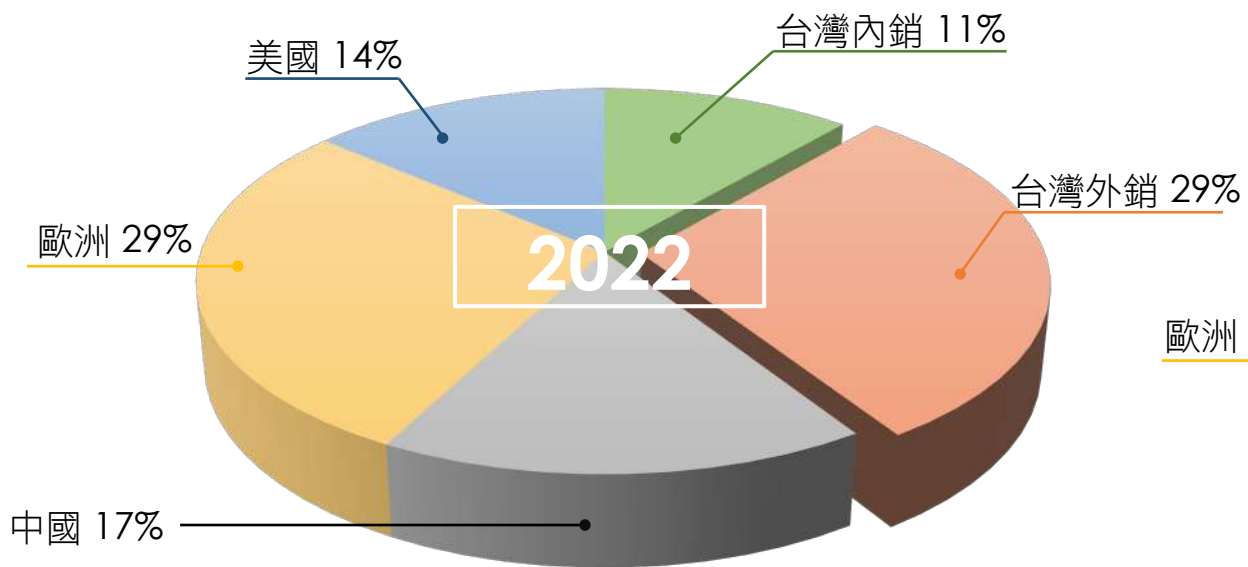
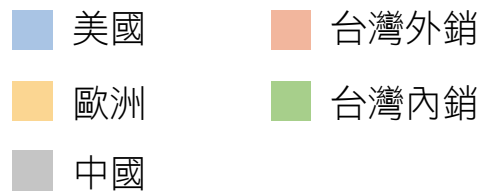
2020~2024 年前三季度 產品別營收趨勢圖



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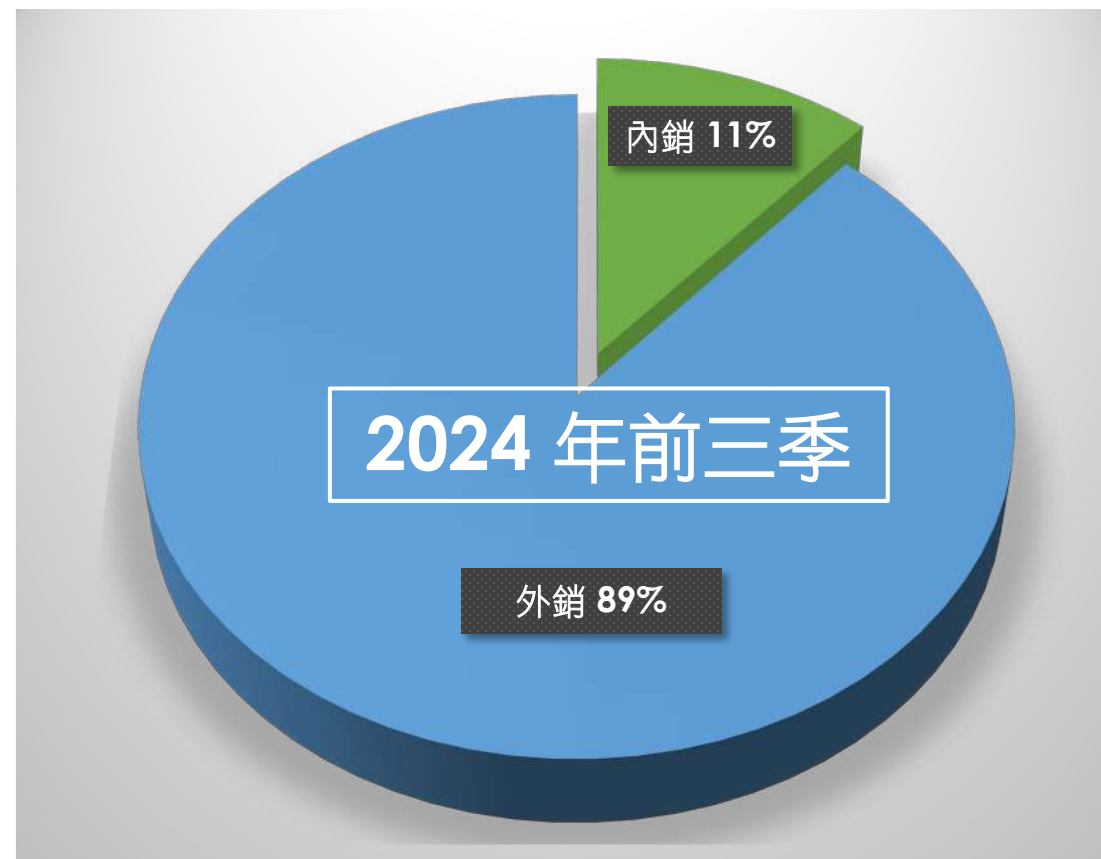
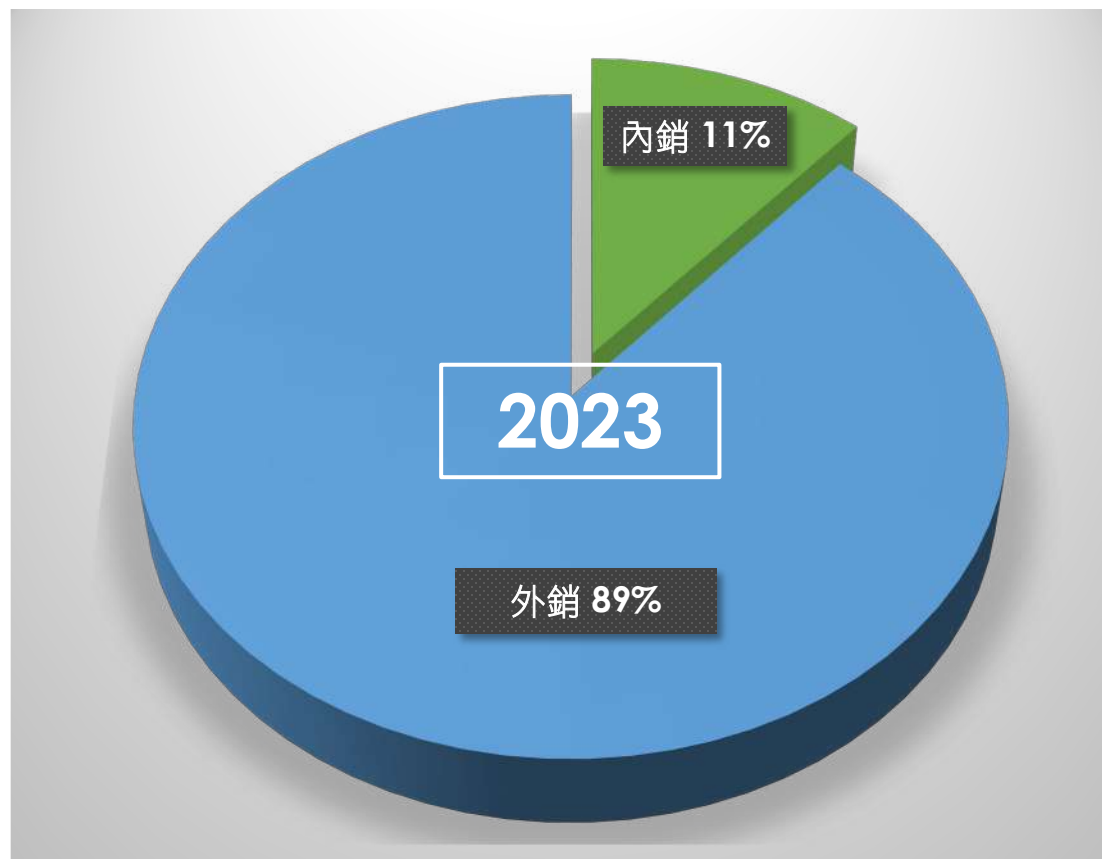
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2022~2024 年前三季 地區別營收占比



2023~2024 年前三季 內外銷地區別營收占比

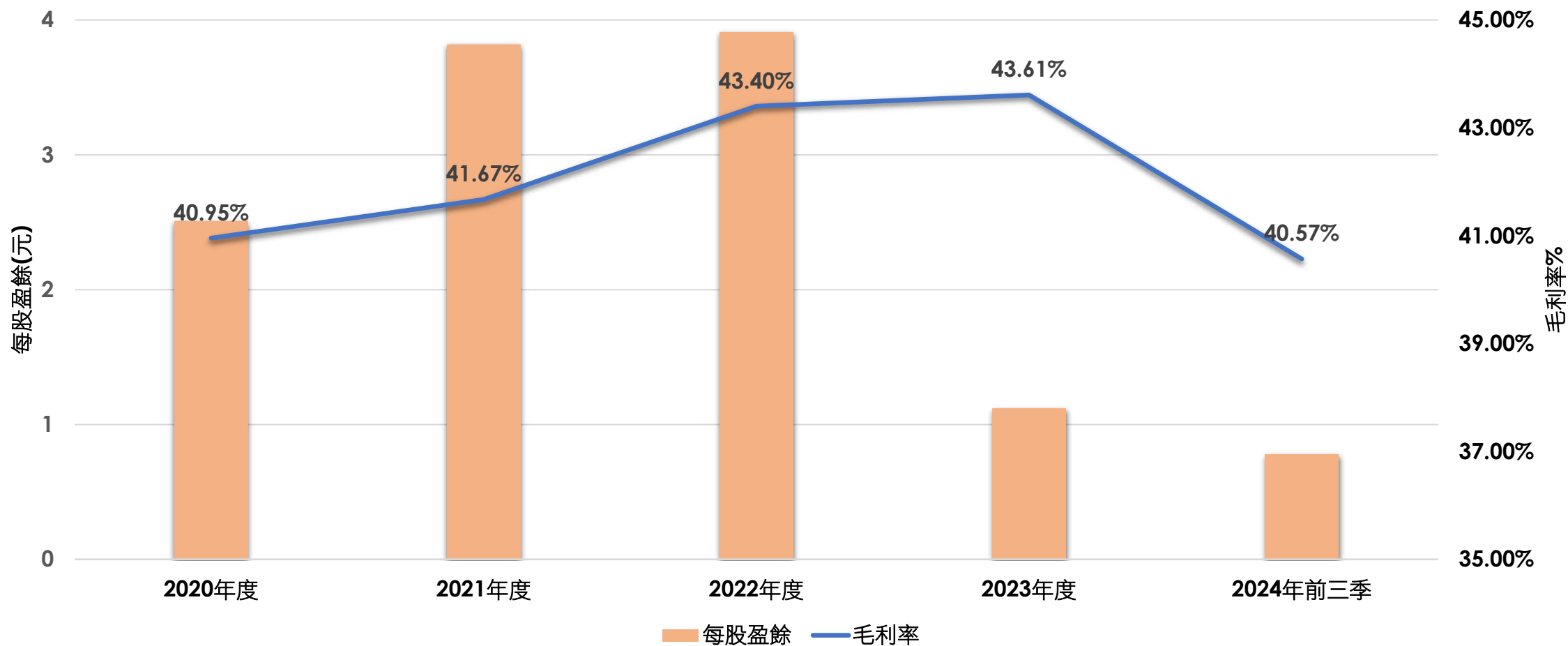
■ 內銷 ■ 外銷



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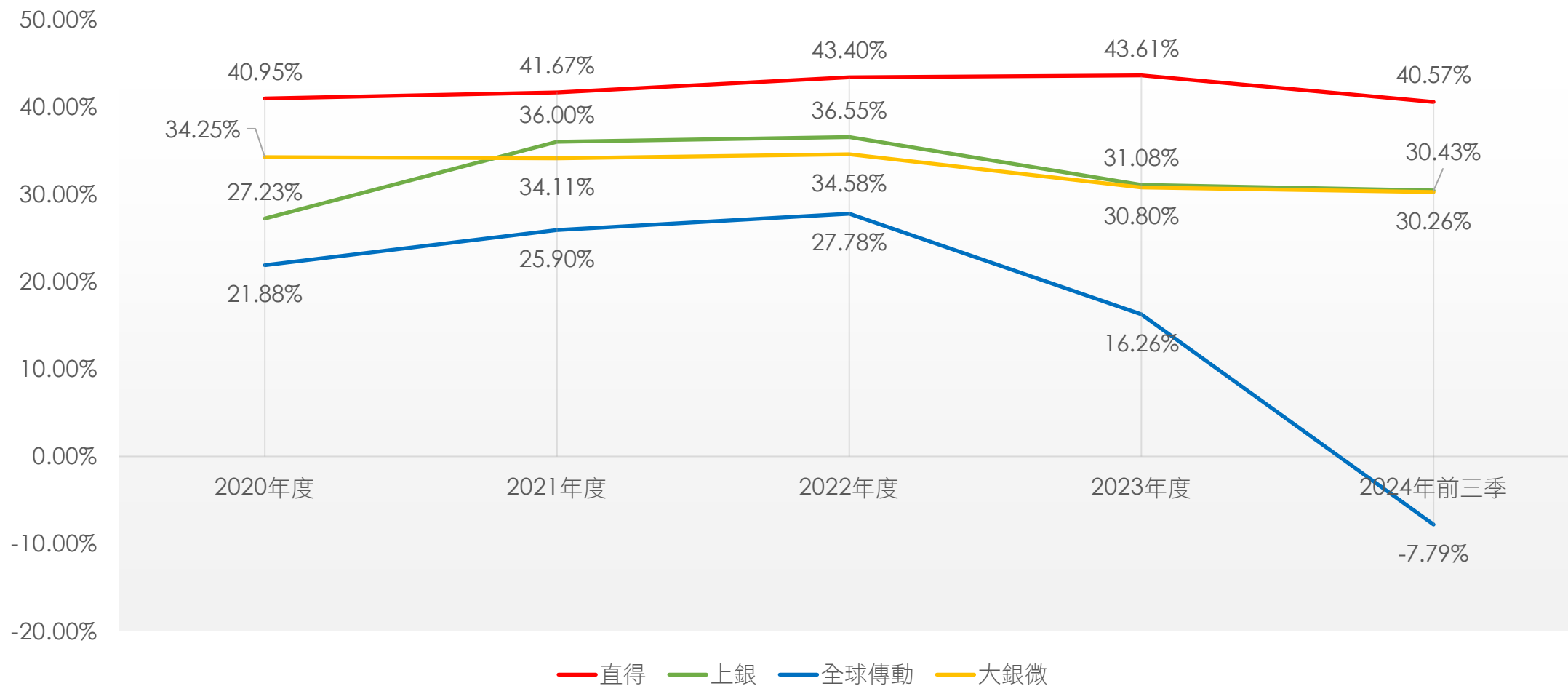
2020~2024 年前三季度 毛利率及每股盈餘趨勢圖



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2020~2024 年前三季 營業毛利趨勢圖

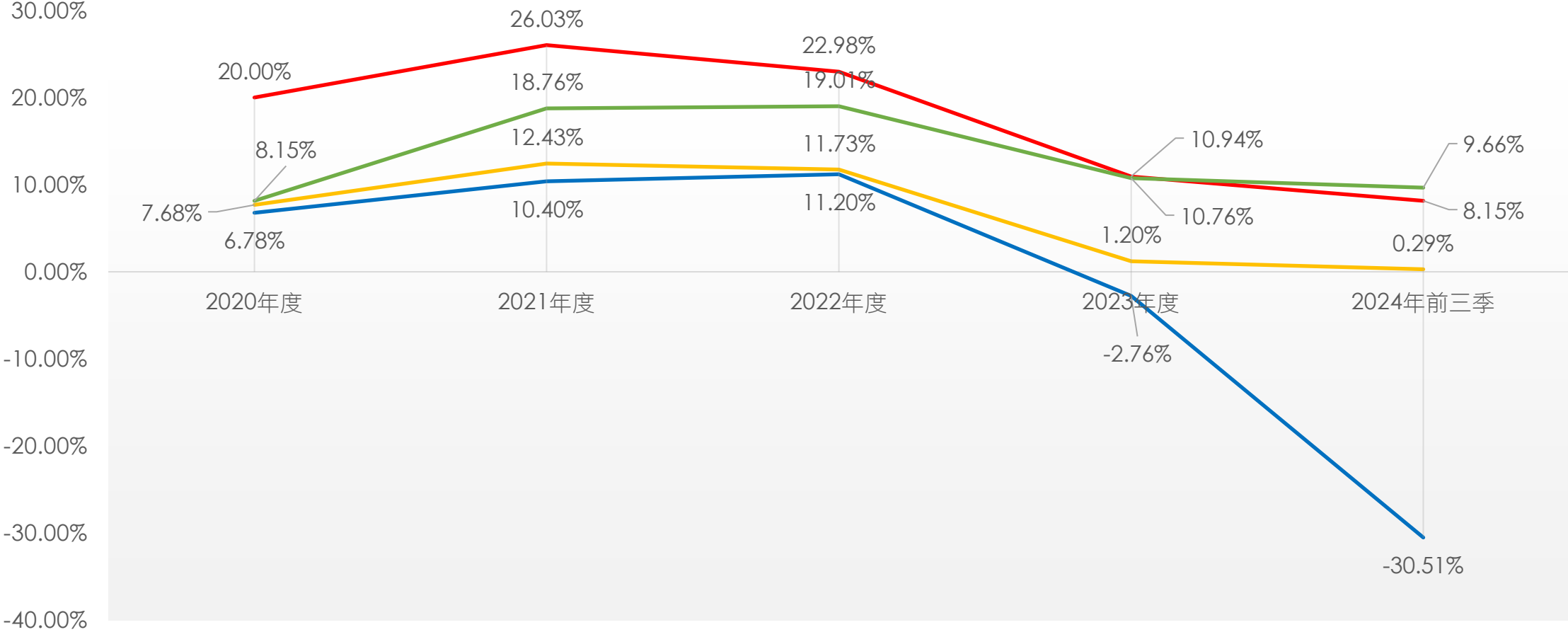


資料來源：公開資訊觀測站

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2020~2024 年前三季 營業利益趨勢圖



— 直得 — 上銀 — 全球傳動 — 大銀微

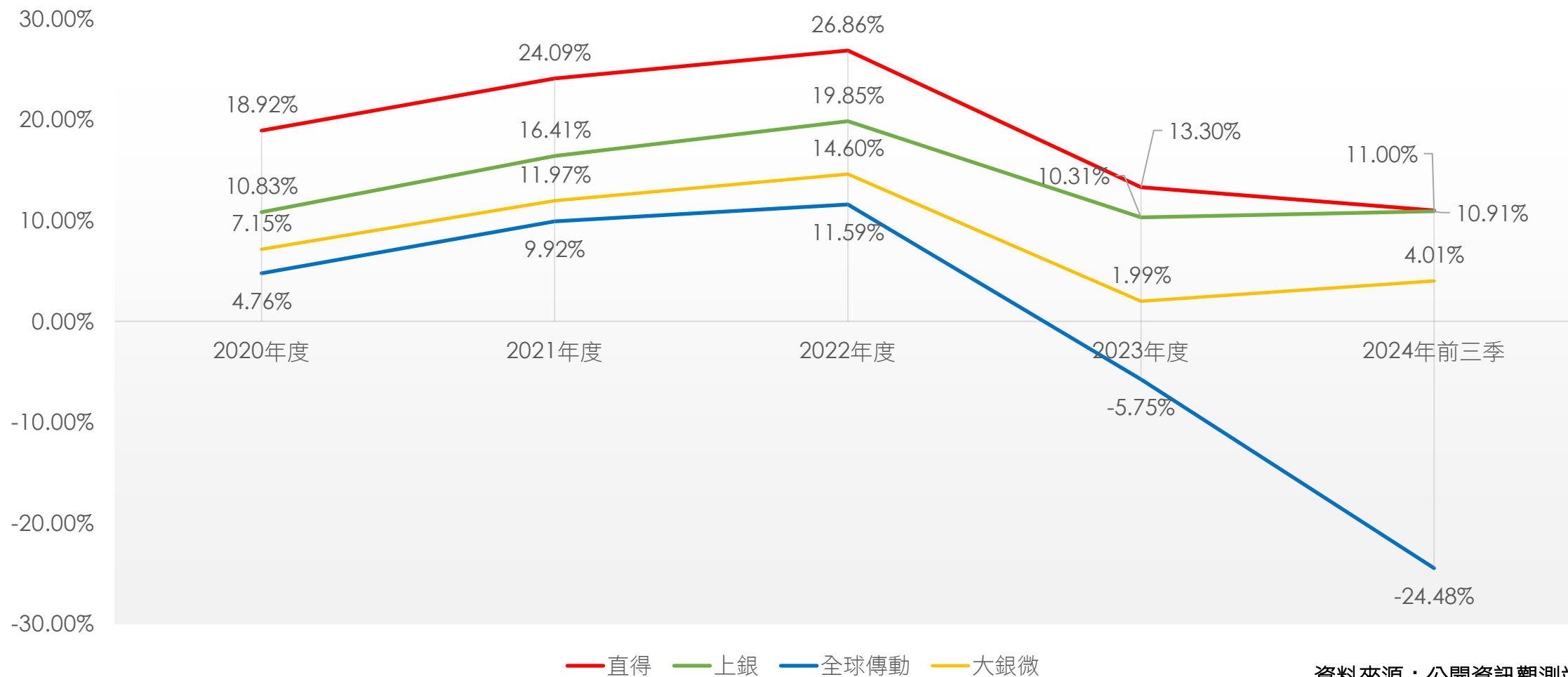
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2020~2024 年前三季 稅前淨利趨勢圖

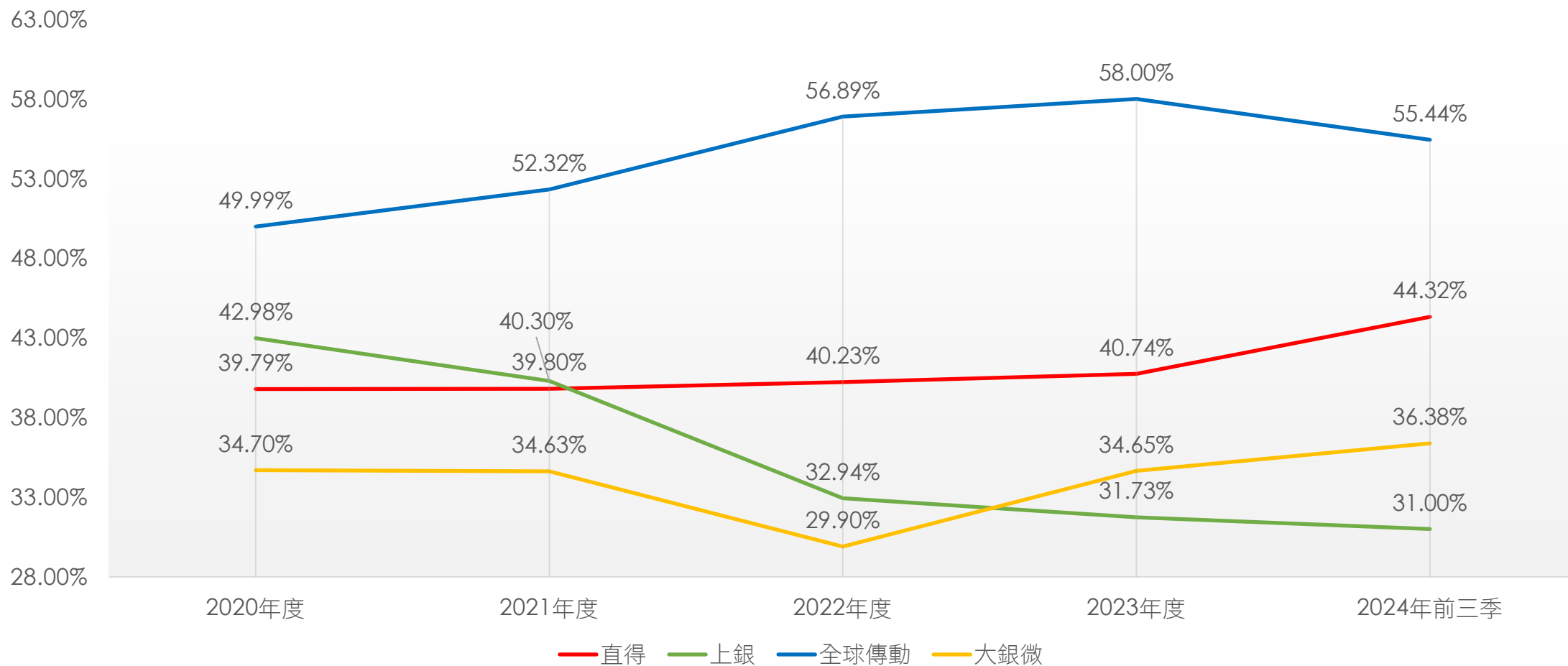


資料來源：公開資訊觀測站

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2020~2024 年前三季度 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
112	0.8	0.0	0.8
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

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



Prompt delivery

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cpcRobot

cpcStudio

cpcCells

cpc You Tube



歡迎各位持續追蹤及訂閱，我們將會不斷更新產品影片！