



SolidWizard

實威國際

驅動設計 · 引領製造

SolidWizard Technology

The Best 3D digital innovation platform for R&D design and manufacturing



Paul Yang EVP

Jun. 2nd 2025





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驅動設計 · 引領製造



About SolidWizard



CAID CAD CAE RP RE CAM PDM CONSULTING

SolidWizard

SolidWizard

- ✓ SolidWizard (8416) founded in 1997, headquarter in Taipei, Taiwan
- ✓ 11 offices and 380 employees in Greater China
- ✓ Providing the best industry 3D Design, Simulation, Manufacturing and governance solution, consulting services
- ✓ Over 28 years of consulting experience with over 10000 customers



 www.swtc.com

 0800-868-358

 0800@swtc.com



Company History



1997

Founded in
Taipei, 5 people



2004

Founded in
Shanghai



2012

Listed (8416)

2013



2016



2018

Rev. > NT\$1B

2019



UNIVERSAL ROBOTS

2021



2022



2023



For 28 years, we still maintain the entrepreneurial spirit and continue to grow steadily

Vision

Becoming the McKinsey Consultant Like for Manufacturing in Asia Pacific

Smart Digital Transformation

With data as the core, to establish a single digital platform, and intelligent shortcuts from design to manufacturing, marketing and sales are connected in series. On the road of enterprise transformation to intelligent manufacturing, SolidWizard can help.



Main Product – 3D Software



**Desktop
Perpetual/Subs**

-Exclusive Reseller-

**Cloud
Subscription**



SOLIDWORKS



DraftSight



SW Electrical



SW Simulation/
Flow/Plastics



SW Composer



SW Visualize



SW Inspection



SW MBD



SW CAM



SW PDM



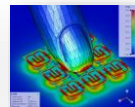
SW Manage



Exlead OnePart



Abaqus



CST



ENOVIA

3DEXPERIENCE® Works



DESIGN

SOLIDWORKS



SIMULATE

**SIMULIA
WORKS**



MANUFACTURE

**DELMIA
WORKS**



MANAGE

**ENOVIA
WORKS**



Main Product – Machines

CoRobot
/3DCamera



UNIVERSAL ROBOTS



(3D視覺&AI)



(電動夾爪)

3D Printer



3D Scanner



Reverse Eng
/Inspection



Geomagic® Design X™



Geomagic® Control X™

Product Applications

Aerospace

Assist in product development, increase production capacity, and fully leverage market opportunities for innovative aircraft. °



產品應用

Automotive

SOLIDWORKS helps the automotive industry expand production and drive growth.



產品應用

Life Science

Develop new medical devices to meet revised regulatory compliance requirements for medical equipment.



產品應用

Hi-Tech Electronics

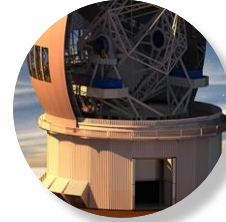
Elevate robotic development to new heights by creating advanced, engaging, and enjoyable robots



產品應用

Consumer

SOLIDWORKS helps a wide range of consumer industries enhance productivity and reduce costs.



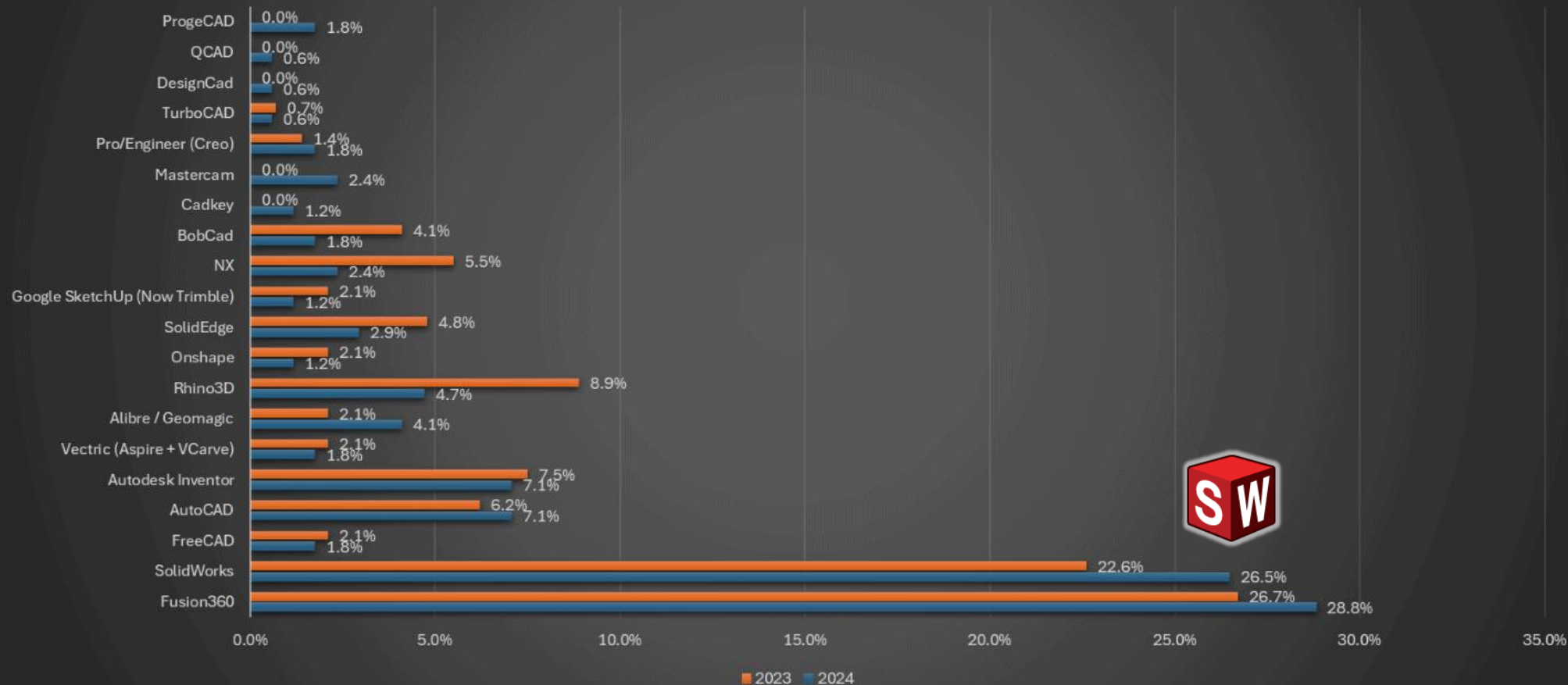


Business strategy (一) 3D Transition Consultant



Best 3D MCAD Solution - SOLIDWORKS

CAD Package Market Share: Pro Users
CNCCookbook 2024 Survey



3D **SOLIDWORKS**



SOLIDWORKS 3D CAD Global Users

Global users **7,500,000**

Global customers **400,000**

Global countries **110**

Global Universities **33,500**

Global Students **300M**

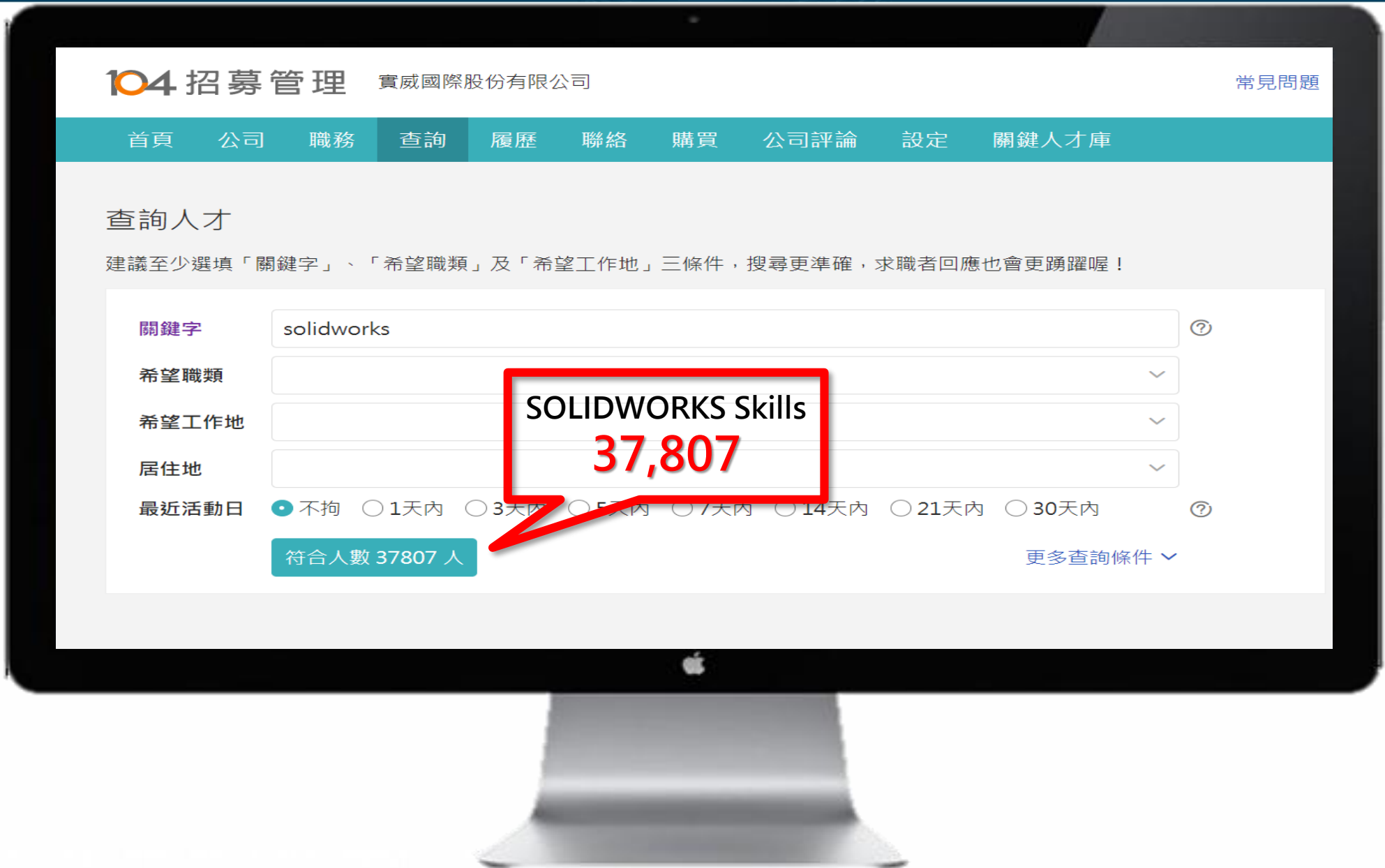
Facebook fans 1,210,000

SOLIDWORKS Forum users 380,000

YouTube Watch 33,741,082



The 3D CAD most commonly used by job seekers



Industry Customers – 3D SOFTWARE

PEGATRON
和碩聯合科技

FOXCONN
鴻海科技集團

LITEON
光寶科技
LITE-ON TECHNOLOGY CO.

ADVANTECH
研華科技

廣達電腦
Quanta Computer

英業達集團
Inventec

仁寶電腦

DELTA
台達

msi
微星電腦

GMM
均華精密

GPM
均豪精密

Chicony
POWER TECHNOLOGY
群光電能

AcBel
康舒科技
ACBEL POLYTECH INC.

CLEVO
藍天電腦

SEYI
PRESSING AHEAD
協易機械

tsmc
台灣積體電路

Auras
雙鴻科技

AVC
奇鋐科技股份有限公司
Asia Vital Components Co., Ltd.

SAA
迅得機械股份有限公司
Symtek Automation Asia

家登精密
Gudeng Precision

NEW VALUE
ODM & EMS Partner

泰金寶電通

PRIMAX
致伸科技

SCIENTECH
辛耘企業

SAULTECH
梭特科技

SERCOM
中磊電子

GARMIN
國際航電

MEC
Marketch International Corp.
帆宣系統

HIWIN
Motion Control and System Technology
大銀微系統

TRI
innovation
德律科技

TOYO
東佑達

JOHNSON
喬山健康科技

Anderson Group
恩德集團

金豐機器工業股份有限公司
CHIN FONG MACHINE INDUSTRIAL CO., LTD.

MPI
CORPORATION
旺矽科技

INNOLUX
群創光電

ASTRO
太宇工業

gogoro
睿能創意

MACHVISION
牧德科技

Chroma
致茂電子

Pacific
Cycles
太平洋自行車

samtec
美商深特

凡甲科技
ALLTOP

ICON
ADVANCED-CONNECTEK INC.
連展科技

APRO
A-PRO TECH CO., LTD.
野寶科技

LOTES
嘉澤端子

UI Taiwan
優比快

SHL GROUP
瑞健集團

dyaco
岱宇國際

TDK
台灣東電化

GPI
上福全球

士林電機
ShiLin Electric

中山科學研究院
Chung-Shan Institute of Science and Technology

HOTA
和太工業股份有限公司
HOTA INDUSTRIAL MFG. CO., LTD.

BROGENT
智崴資訊
TECHNOLOGIES INC.

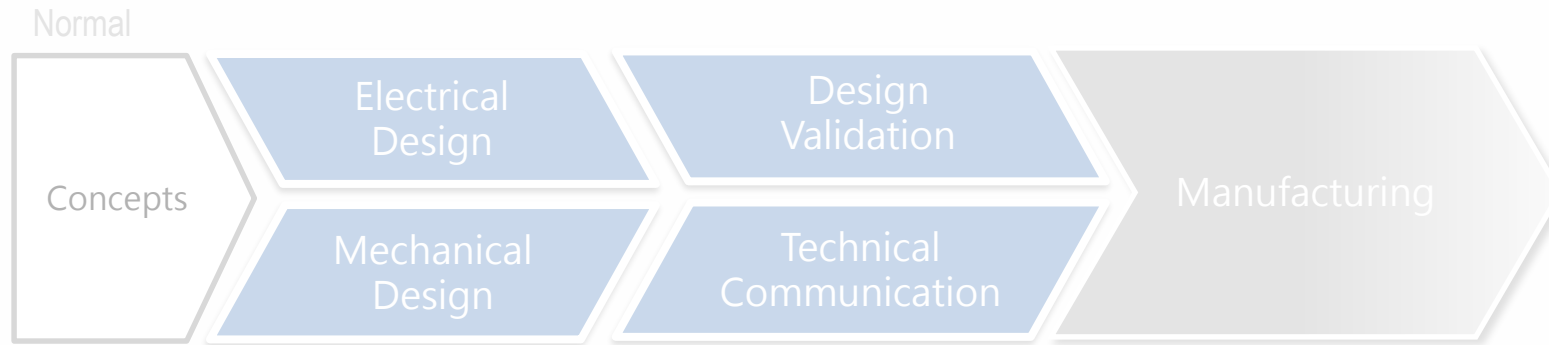
QUASER
百德機械

FUKUTA
富田電機股份有限公司

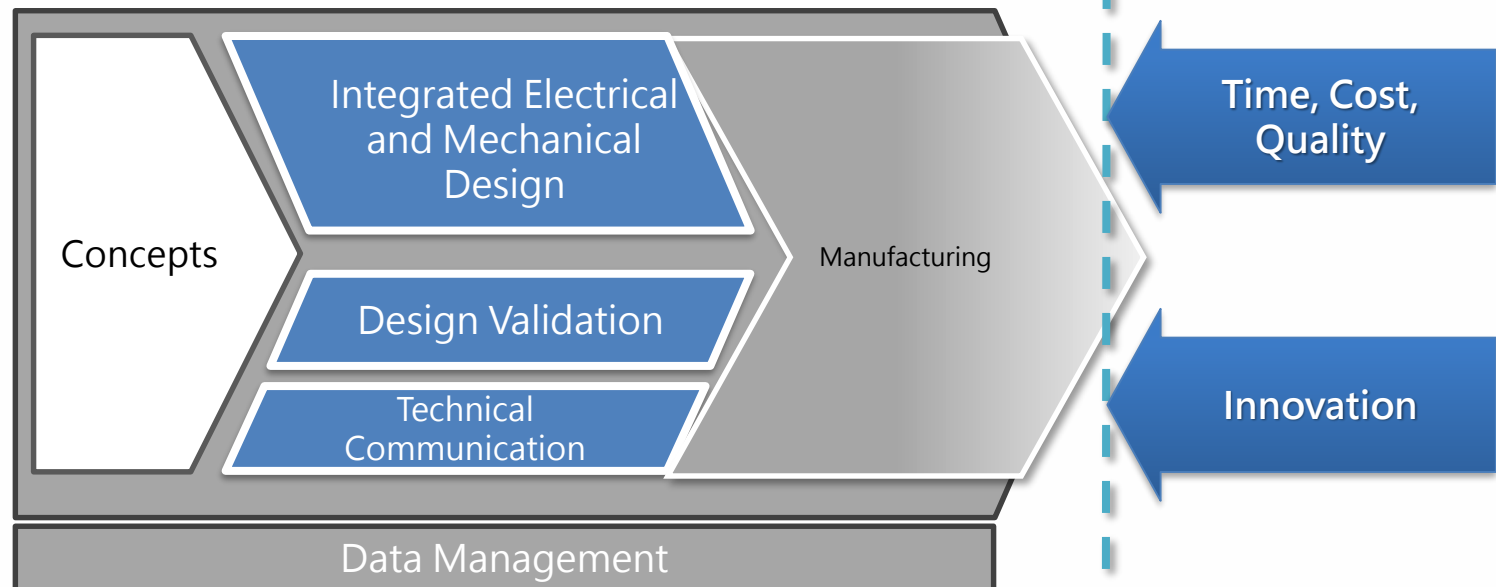
TECO
東元電機

solteam
崧騰企業

Accelerate Development Lifecycle



What SolidWizard Offering – Integration 3D Design Platform



SolidWizard 3D Innovation Developing Platform

Tool



2D Design
DraftSight



3D Design
SOLIDWORKS



Elec. Design
Electrical



CAE Engingger
Simulation /Flow/Plastics
Abaqus/ CST



QC Eng
Inspection



MKT
Visualize



After Service
Composer



Production
MBD / CAM

System

CAD



2D Design
DraftSight



ME/EE
SOLIDWORKS
Electrical



Pick up

Restore

Approval

DATA CENTER



DESIGN DATA
PDM



BIG DATA
EOP

MANAGE



PROJECT
Manage

PLM



PLM
ENOVIA

3D設計審核

Methodology



3D Platform
Consulting



Standard/Module/
Automation

數位製造/自動化



Corobot, 3D
Printing, Scanner,
3D Camera

PLM ENOVIA Implementation

JOHNSON



Q 即時 > 要聞 > 證券 > 金融 > 理財 > 產業 > 房市 > 國際 > 兩岸 > 名家

家 > 商情 > 科技綠能 >

喬山健康科技攜手實威國際 深化數位研發核心

啟動Enovia PLM 系統升級優化，落實數位轉型藍圖，邁向下個百年

2025.05.14 / 08:56 / 工商時報 文 / 簡立宗

#喬山 #達梭系統 #實威



TATUNG



Q 即時 > 要聞 > 證券 > 金融 > 理財 > 產業 > 房市 > 國際 > 兩岸 > 名

家 > 商情 > 科技綠能 >

大同攜手實威國際 推動智慧製造與數據整合

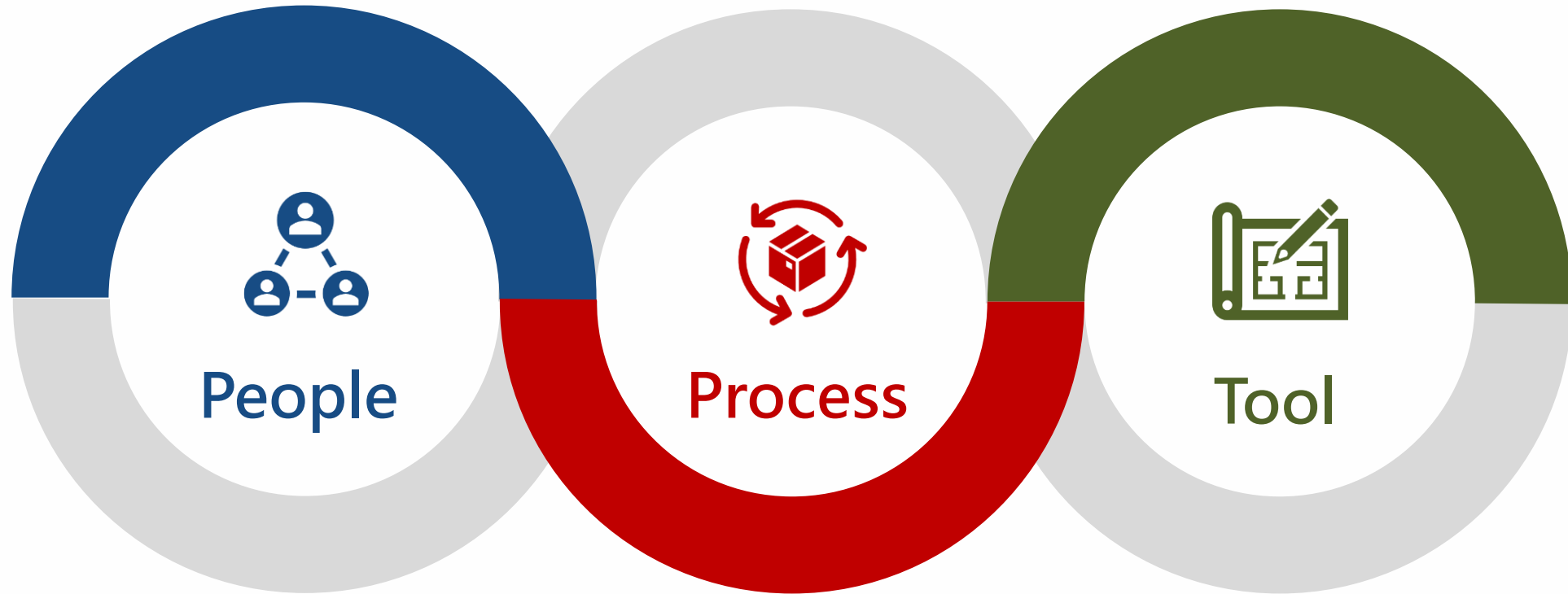
傳產百年企業導入產品生命週期管理，數位轉型邁出關鍵一步，迎向嶄新未來！

2025.03.17 / 10:01 / 工商時報 文 / 簡立宗

#大同 #實威國際



Efficiency improve -3D Platform consulting service



- Comprehensive training programs
- Enhance personnel skills and efficiency
- Share best practices
- Reduce learning time

- 3D Digital Product Development Process
- Collaborative Product Development Process
- Standardization, Modularization, and Automation

- Product development system and tool
- System integration
- Customization system



Business Strategy(二) AI Solutions





AI in SOLIDWORKS- This Summer



3DEXPERIENCE World 2025: AURA GAI



Command Predictor 功能展示

Virtual Companions 虛擬助手

Generative Experience, AURA AI 改變你的
工作流程，自動渲染生成圖

Focus on WW No.1 UR Robot



40-50% **50,000+**

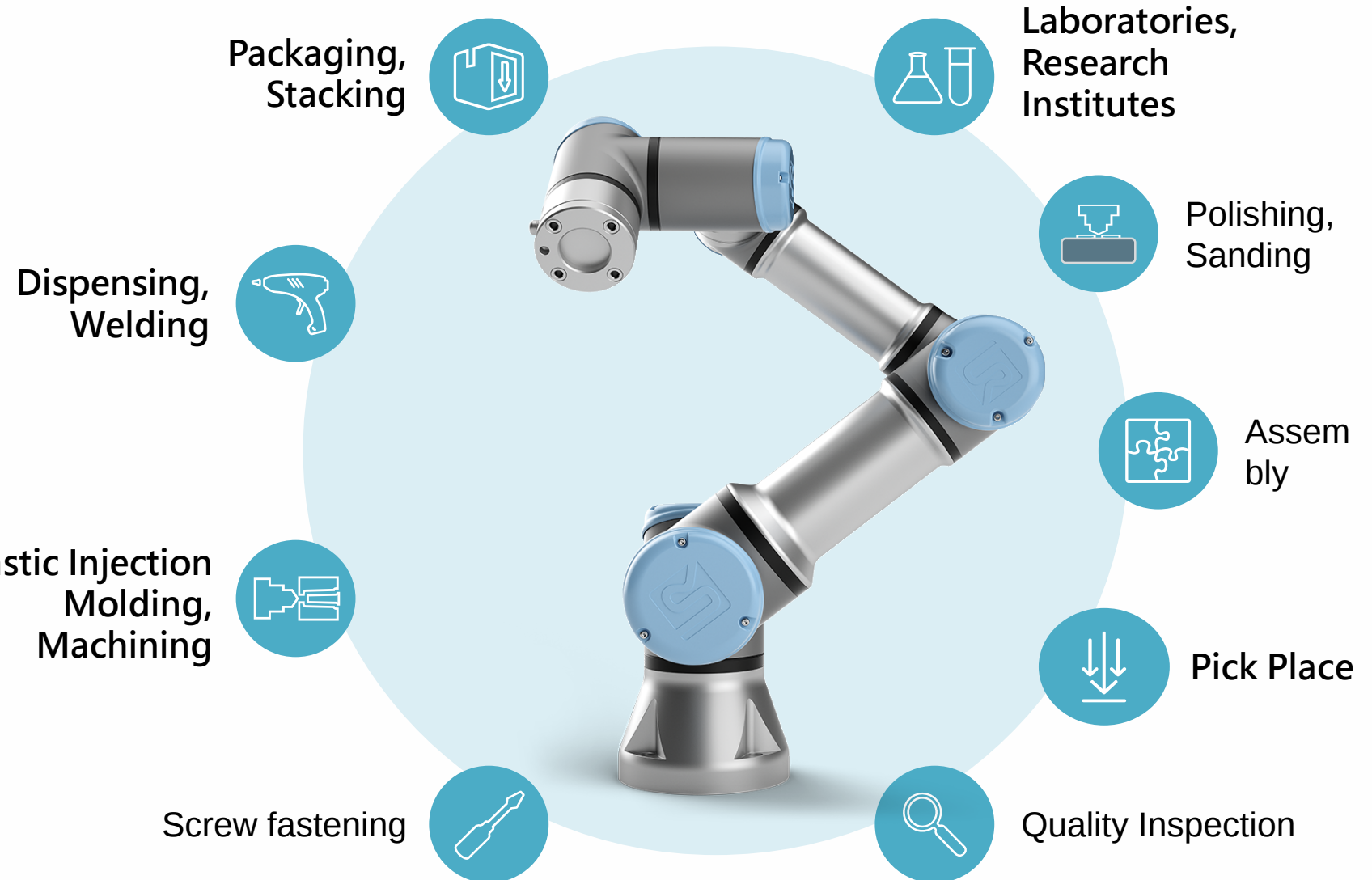
CoRobot
MKT Share

CoRobot
Shipping Qty

Plastic Injection
Molding,
Machining

1,100+

UR+ Ecosystem



UR Applications

Packaging,
Stacking



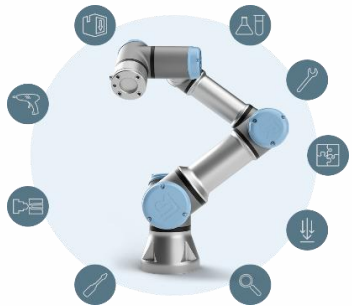
- American-style Superstore
- Product Packaging



UR Applications



Factory Carton Stacking



UR Applications

Dispensing,
Welding



Sheet Metal
Welding

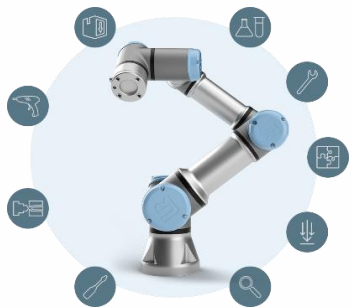


UR Applications

Plastic Injection Molding,
Machining



- One-to-TwoLathe Loading and Unloading

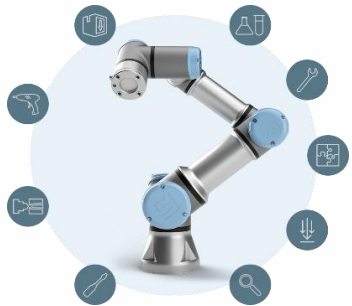


UR Applications

Plastic Injection Molding,
Machining



Injection Molding Equipment



UR + NVIDIA Drive the AI Accelerator

AI Accelerator powered by PolyScope X

AI Object
Detection

AI Path
Planning

AI Machine Tool
Tooling
Inspection

AI Workspace
Relocation

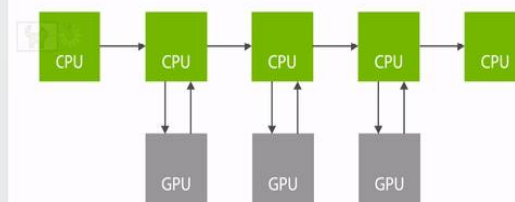
- Boost Customer Confidence
- Automation Anywhere
- Save Programming Time
- Unmatched Integration Capability



NVIDIA Jetson AGX Orin
Next-level AI performance
for next-gen robotics



Inefficient Hardware Acceleration



Efficient Hardware Acceleration

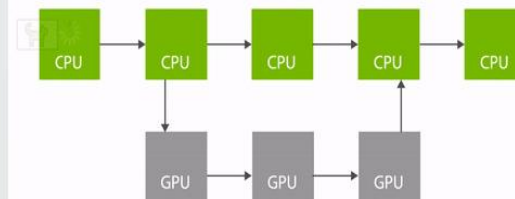


 Image
 Ticket





Business Strategy (三) Digital Manufacturing



3D Printing(Carbon Fiber+Metal)

Markforged FX10



01

工業級列印

能夠處理更高強度的材料，如碳纖維、尼龍和 Kevlar。這些材料適合於製作高強度的零部件和結構件，特別適合航空航天、汽車及軍事應用。

02

高強度複合材料列印

支援列印高性能複合材料，能夠實現與金屬零件相當的強度，適合替代某些金屬應用，減輕重量並降低成本。

03

自動校準、軟體整合與數據分析

軟體提供自動校準、強大的設計和分析功能，允許使用者優化列印件的強度、重量和材料使用，從而提高生產效率

04

金屬列印能力(可選)

支援金屬列印，這使得它能處理更為廣泛的工業應用。這在製作模具、功能性部件等高要求應用中尤其重要。

05

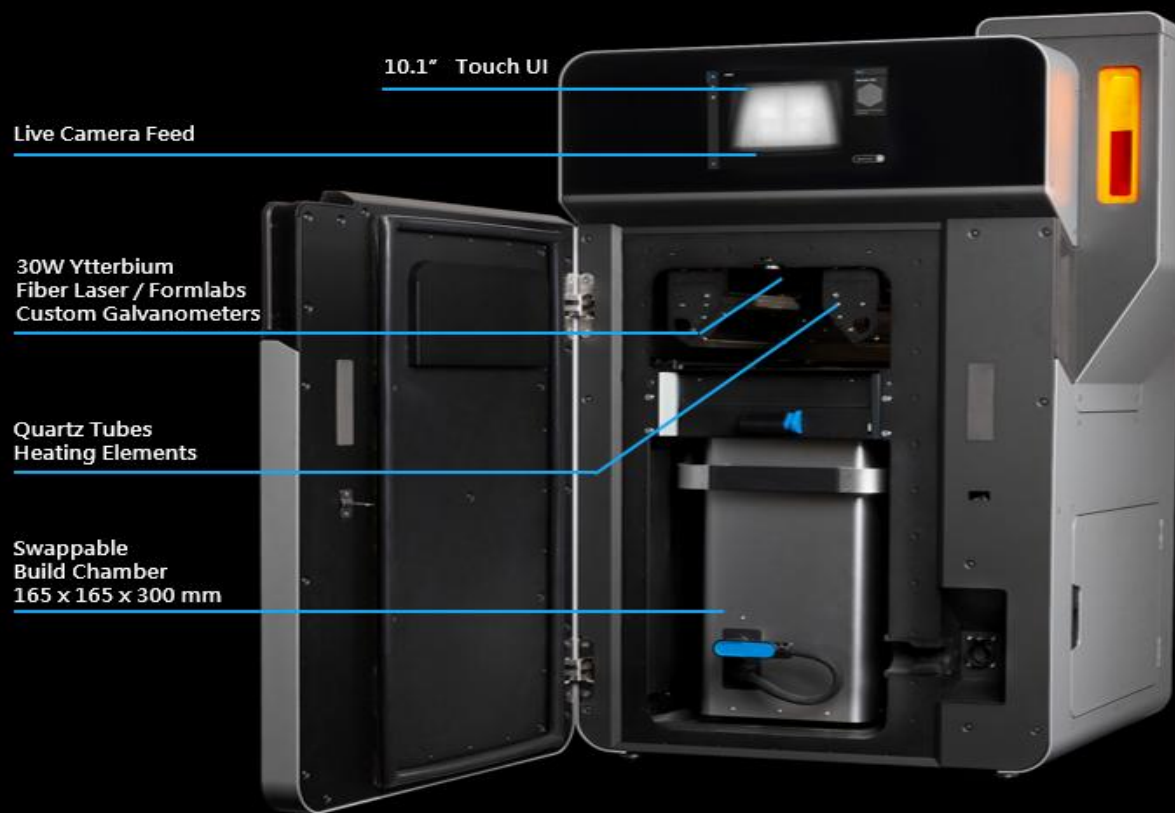
工業級可靠性與精度

FX10 設計用於全天候操作，並具有極高的列印精度。適合需要長期穩定運行的企業環境。

3D Printing(Nylon Fiber SLS Solutions)

Formlabs Fuse 1+ 30W

高性能 SLS 列印



產量高

以可靠的 3D 列印生態系統助您實現全天候列印，並且幾乎無需人工管理，為您的專案提供超值服務

低材料成本

以30%的粉末刷新率生產功能齊全的零件--無限迴圈。

簡單易用

從使用 PreForm 進行列印設置，到使用 Fuse Sift 進行後處理，在列印過程中的每個環節，都能最大程度地提高效率。

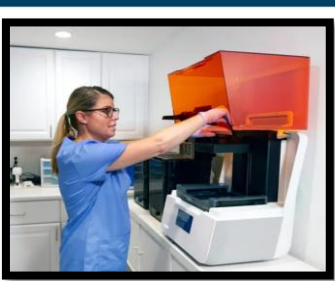
部件品質優異

Fuse 1 列印的最終部件兼具高強度和出色的細節，可應對嚴格的功能性測試。

占地面積小

一個緊湊、封閉的生態系統蘊含著工業力量。

3D Printing(Formlabs Dental)



Dental Model Fabrication

牙科矯正器與牙托製作可矯正牙齒排列、改善咬合關係、恢復功能與美觀，確保矯正效果持續穩定，預防牙齒復位，並提升患者的口腔健康及自信心，為長期治療提供保障。



Clear Aligners&Retainer

牙科矯正器與牙托製作可矯正牙齒排列、改善咬合關係、恢復功能與美觀，確保矯正效果持續穩定，預防牙齒復位，並提升患者的口腔健康及自信心，為長期治療提供保障。



Surgical Guide

牙科手術導板製作可精確引導植牙位置、角度與深度，提升手術精度與安全性，減少併發症與誤差，縮短手術時間，改善術後效果，為牙科手術提供可靠的輔助工具與治療保障。

Corporate Social Responsibility

新聞稿

為花蓮震災復興添磚加瓦，實威國際購買當地名產支持觀光業

2024-04-26



Charity Sponsorship and Employee Marathon Events





Business Performance and Prospects



Business Performance in the Last Two Years

YEAR	2023		2024		Q1 2025	
Item	Amount	%	Amount	%	Amount	%
Gross Sales	1,447,163	100	1,541,912	100	396,148	100
Cost Of Goods Sold	690,593	48	776,031	51	200,209	50
Gross Profit	756,570	52	765,881	49	195,939	50
Operating Income	340,382	23	345,472	22	82,086	21
Net Income	288,608	20	310,500	20	79,660	20
Capital	282,107		282,107		282,107	
EPS	10.23		11.01		2.82	

Unit : NTD \$K

Competitive Advantages

Asia-Pacific Layout: Local Purchases, On-site Services

- There are 5 locations in Taiwan, including Taipei, Hsinchu, Taichung, Tainan, and Kaohsiung. In Mainland China, there are 6 locations, including Shanghai, Suzhou, Dongguan, Ningbo, Tianjin, and Xiamen, making a total of 11 locations.
- Over 100 experienced engineers and consultants are available to provide clients with consultative guidance and technical support

3D Digitalization McKinsey Consultant: Exclusive 3D software and hardware integration capability in Greater China region

- 3D Mechanical Design, Electrical Design, Structural/Fluid/Electromagnetic Analysis Simulation, Product Data/Project/Lifecycle Management, Smart Manufacturing, 3D Printing, Scanning, and Robotic Arms

Customer Affirmation: Over 10,000 instances of counseling experience with clients

- In the Greater China region, SWOLIDWORKS has achieved the top position in both on-time contract renewal rates and customer satisfaction

Competitive Advantages

Brand Image: Solid international presence with a high-quality image for both proprietary and affiliated brands

- Growing Together with Clients, Providing Comprehensive 3D Software and Hardware Integration Solutions, and Services

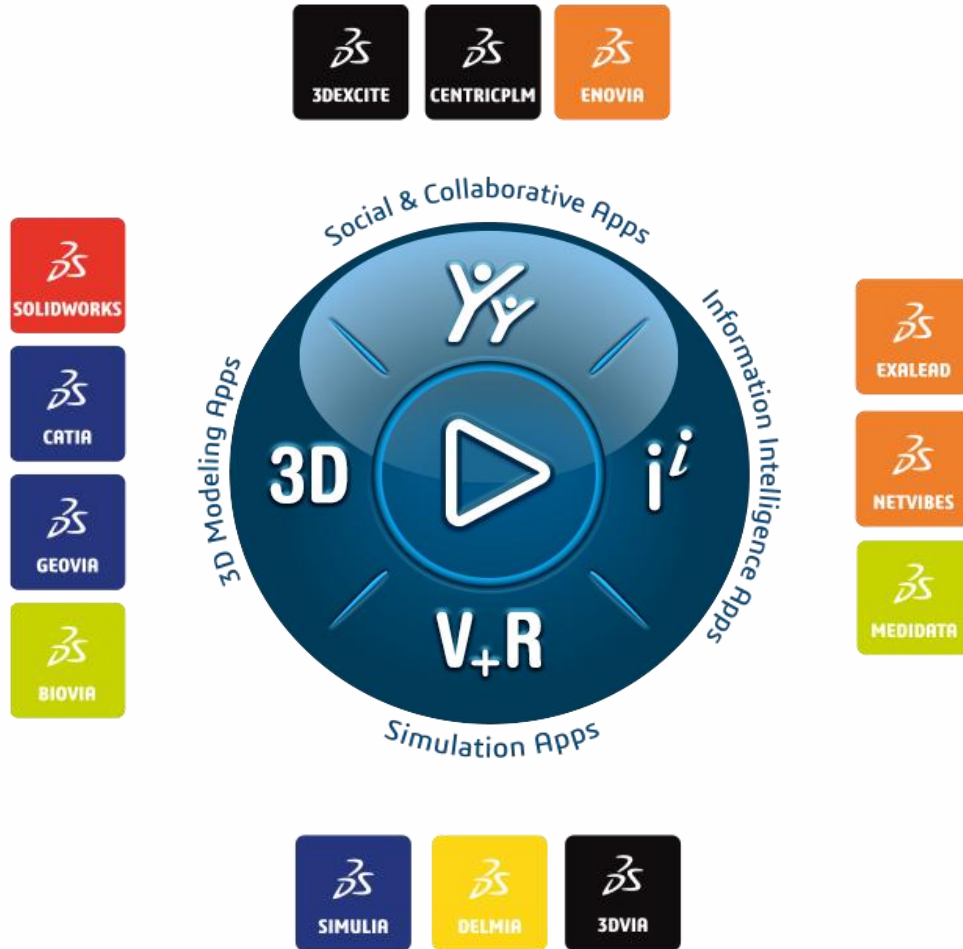
Cloud/Advanced Analytics/Digital Manufacturing Layout: A new market, new customers, a new engine for performance growth

- Providing customers with cutting-edge deployment of 3D cloud collaborative design and production-grade 3D printing digital manufacturing solutions
- Offering high-end structural, fluid, and electromagnetic analysis solutions for the defense, aerospace, electric vehicle, and network communication markets



Future Development Directions-3DEXPERIENCE®

3D Consultative Experience - Driving our 13 brand applications



Serving 11 major industries

Future Development Direction - Achieving a 3D Digitalization Ecosystem



3D Ecosystem

Achieving a digitalized workflow for design, analysis, manufacturing, testing, and management



The key points of transformation



Future vision



Short-term goals

Establishing a
proprietary brand in
Greater China



Medium-term goals

Enhancing brand
awareness in the Asia-
Pacific region



Long-term goals

Nurturing a research
and development team,
establishing proprietary
software brands, and
global marketing

Q&A

Q&A





實威國際

~驅動設計・引領製造~