

# TAIWAN

台灣日旭科技股份有限公司

CANNEX TECHNOLOGY INC.



製造業の自慢

EMS / OEM / ODM

電子產品全製程服務廠

Electronic products full process service plant



品質

**Quality**

品質是公司的生命力  
Quality is our responsibility.

信賴

**Trust**

信賴是我們企業價值的核心，  
也是我們給客戶不變的堅持。  
Trust is our core values and permanent  
insistence.

快適

**Pleasant**

友善親切的合作互動  
Always Pleasant to do business with us.

Cannex 社は1991年に創立され、エレクトロニクス、モーター、およびシングルチップコントローラの研究開発と製造に専門会社です。当社のコア技術：

- 2.4G無線通信技術
- BLE Beacon製品開発
- ブラシレスDCモータ駆動制御技術
- 空調温度制御技術
- クラウド・インターネットの統合
- e-スマートクラスルーム製品
- 金型設計と生産、SMT加工、基板組み立て(PCBA)

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# HISTORY

## 企業沿革

- Apr 1990 — Derived from Kenka Electrical and Mechanical Technology Co., Ltd.
- Mar 1993 — Established a company named "Cannex Technology Inc." in Taichung City and invested in a office building with a total capital of 350,370 USD. Based in Taiwan with strong connection to Japanese market.
- Oct 1993 — Established an office at ATC (Asia and Pacific Trade Center), South Bay, Osaka, Japan.
- May 1994 — Imported and developed air-conditioning refrigeration temperature control products and industrial counters and timers.
- May 1995 — Developed the product of "interactive teaching remote system", entered the digital e-education product market overseas, and officially entered the US market as a technology-supreme global manufacturer.
- Jan 1999 — A four-storey, 17100 ft<sup>2</sup> production facility was reconstructed and expanded into a steel structure in Xihu, Changhua, Taiwan.
- Oct 1999 — Cooperated with Songbo Digital Learning Company, a cumulation company of Central University, to enter the world's digital learning and education market and obtained the "interactive teaching remote system" of the Intellectual Property Bureau of the Ministry of Economic Affairs of R.O.C. (Taiwan) and various countries' invention patent certificate.
- Mar 2000 — Obtained "AKR" trademark registration certificate from Intellectual Property Bureau of the Ministry of Economic Affairs of the Republic of China.
- Jul 2000 — Obtained the patent certificate of the "Renovation and Purchase of Capacitors" from the Intellectual Property Bureau of the Ministry of Economic Affairs of R.O.C. (Taiwan) and various countries.
- Jan 2002 — Development of energy-saving technology DC inverter brushless motor drive circuit products. A mission to prevent global warming.
- Mar 2002 — Developed a DC brushless motor system driver circuit product for treadmills.
- Oct 2003 — Developed DC inverter air-conditioner blower brushless motor system driver series.
- Dec 2003 — Access to the "Intelligent Multipurpose Circuit Remote Control Unit" of the Intellectual Property Bureau of the Ministry of Economic Affairs of R.O.C. (Taiwan) and various countries' patent certificate.
- Jun 2005 — Capital increase amounted to 2 million USD. Start raising the working capital required for the medium-term development.
- May 2006 — Obtained "John Point" trademark registration certificate from Intellectual Property Bureau of the Ministry of Economic Affairs of R.O.C (Taiwan). A private brand of air-conditioning products and accessories.
- Jul 2006 — Collected 6.18 million USD of funds, and built a modern factory & office building, a total of 7 floors, with a building area of 71180 ft<sup>2</sup>, and renamed as "Cannex Technology Inc."; Import ERP system from Dingxin Computer Company. Add two new Japanese original SMT surface stickers production line, AOI inspection equipment, automatic soldering furnace, officially launched OEM, ODM, EMS electronic total process services; development and manufacture of plastic molds and plastic injection products.
- Dec 2006 — Successful development of the RF 2.4GHz two-way communication handset and started its mass production.
- Feb 2007 — Applied for invention patents for overseas multinational patents and the Intellectual Property Office of the Ministry of Economic Affairs of R.O.C. (Taiwan) for the use of the Internet as a communication medium for remote operation control of electrical appliances.
- May 2007 — Obtained the "Telecommunication Controlled Radio Frequency Manufacturing and Manufacturing" license of the National Communications Commission of the NCC.
- Feb 2008 — In order to enhance the competitiveness of the company, ISO 9001:2000 was introduced to strengthen the company's operations and customer service quality.
- Sep 2008 — Acquired ISO 9001: 2000 international quality management certification.
- Sep 2008 — The introduction of Japan's technical cooperation in cloud computing iSmart, smart terminal devices, tablet computer application development.
- Aug 2009 — A next generation of smart energy-saving air conditioners, Q7 series products, were developed and put into production.
- Sep 2010 — Efforts were put into the development of a full range of e-learning products.
- Apr 2011 — e-learning touch electronic whiteboard product development.
- Jul 2011 — e-learning touch LCD development.
- Jan 2012 — Started to develop DC inverter energy-saving fan.
- Jul 2012 — IRS interactive response system was sold to a large Japanese manufacturer and won recognition from various Japanese companies.
- Feb 2013 — Developed IRS interactive response system with LCD & exam paper functions.
- Apr 2013 — e-Teaching Touch LCD TV series with touch optical design.
- Jul 2014 — Investment in the development and sale of Internet of Things (IoT) products.
- Apr 2015 — Developing IPS personnel attendance management system.
- Oct 2016 — Developed iiCard smart learning identification card.
- Feb 2017 — iiCard won the national patent.
- May 2018 — iToudai Beacon low-power transmitter with live notification mobile app system launched.
- July 2019 — Development of NB-IoT smart data collection controller / SOSER life-saving device.
- May 2020 — T-α temperature tracker with mobile app system launched.
- July 2021 — HT-α temperature and humidity tracker.
- Apr 2022 — Development of IoT cloud-based wireless water heater temperature controller.
- Nov 2022 — Commenced development to enhance efficiency of DC brushless motors. Applied in commercial air conditioning and unmanned aerial vehicle motor applications.
- Jan 2023 — Introduction of JohnPoint smart brushless motor upgrade version.



ISO Certification  
No.: 5758

## Management Philosophy 經營理念

台灣日旭於1991年成立，以研發、創新的精神帶領公司茁壯成長，更在2006年擴增並進駐現代化廠辦大樓(地下一樓、地上六樓，總面積2000坪)，並添購日本製精密生產設備，欲建立「研發」、「生產」、「銷貨」一體，垂直整合全製程服務廠。

提供客戶整體化服務，加速產品開發上市時間，提供更優質的人才及硬體設備，創造企業競爭力，延續更精緻的客戶服務經驗，凝聚客戶向心力，規劃更永續的企業精神，滿足員工原動力，期待以「品質」、「效率」取得客戶的信賴。

在一片產業外移的浪潮中，台灣日旭經營團隊堅持著根留台灣的愛鄉精神，並以「深耕台灣；放眼世界」，為公司永續經營的理念。近年來並推動IoT物聯網應用及智慧校園的發展，為學校、社會帶來更多便利性，為人類美好的生活做出貢獻。

著眼於人才培育訓練，落實持續創新腳步，一步不扎穩根基，努力成為一家以「綠能環保為己任、技術創新為能力、服務品質為目標」的幸福企業。

Cannex was established in 1991. It led the company to thrive in the spirit of R&D and innovation. It was also expanded in 2006. Entered the modern factory building, total area: 71180 ft<sup>2</sup>, and purchased Japanese precision production facilities. Prepare to establish "R&D," "production," and "sales" as one and vertically integration of the full process service plant.

Provide customers with integrated services, accelerate product development and time to market, provide better quality personnel and hardware equipment, and create The competitiveness of the company, the continuation of more sophisticated customer service experience, the cohesion of customer centripetal force, planning more sustainable corporate spirit, With motivated employees, we expect to gain the trust of our customers with "quality" and "efficiency."

In the wave of an out-going industry, Taiwan's Rising Sun's management team adhered to the spirit of love in Taiwan, which "Devote to Taiwan; Reach to the world", the concept of sustainable business for the company has promoted IoT applications and smart campuses in recent years. Development will bring more convenience to schools and society and contribute to a better life for humanity.

Focusing on training of talented, implementing continuous innovations and striving to become a company with environmental protection as its mission, technological innovation as its ability and service quality as its goal.

## Our Business Items

### 經營項目

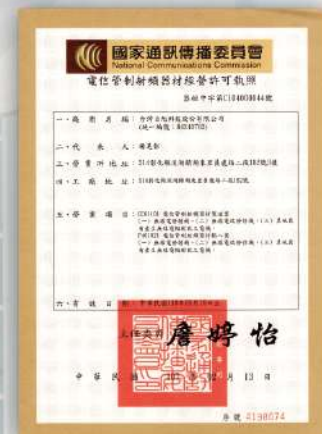
- 電子、光電、研發、代工、組裝產品 (EMS /OEM/ODM)。  
Professional (EMS/OEM/ODM) Turnkey Solution.
- SMT無鉛製程 \ 精密模具、塑膠 \ 全製程服務。  
SMT Lead-free process / Precision mold / plastic.
- 電子、電機、單晶片控制器研發與製造業務。  
R&D and manufacturer of electronic、electric machinery and single chip controller.
- 電腦平台教學互動系統 (世界專利)。  
Interactive educational system (global patent)
- DC直流變頻馬達驅動、整合、監控系統。  
Brushless DC motors、Integration、Surveillance System.
- 太陽能光發電應用系統。  
Solar heating photonics application system.
- 溫度控制器、遙控電路、電路開發、設計、生產。  
Design & manufacture remote control and electrical circuit.



工廠登記證



ISO 9001:2015證書



電信管制射頻器材  
經營許可執照

# Corporate Image

## 企業形象

### 社徽 Concept

俯視浩瀚地球 朝迎日旭 鯨躍魚旋 徜徉世界  
為環境盡心力 科技綠能 品質信賴 永續經營

大廳[社徽]解意 大樓落成奠基紀念於2006/秋

Cannex is the leading supplier of electronic products.  
Commit to Go Green and Save the Earth.  
Strive to fulfill customer's demand on quality and service.  
Steer our business towards AI future.  
Lobby [Company Emblem] Interpretation Commemorating the completion of the building, Autumn 2006.

隨著全球氣候變遷的日益加劇，驅使台灣日旭科技致力於節能減碳的使命，及對地球的深切關懷。在多種產品開發中的BLDC無刷馬達及HVAC空調節能風扇，以先進技術降低能源消耗，減少碳排放，並維持與守護自然界中的和諧與平衡為目標。我們不僅在產品設計及技術上力求創新，每位同仁用熱情獻於公司來實踐綠色理念，旨在為地球貢獻一份心力。共同守護我們的地球家園，為未來締造更綠色、更美好的世界，是台灣日旭科技對長期環保和可持續發展的承諾。

As global climate change intensifies, Cannex Technology Inc. is driven by its mission of energy conservation and carbon reduction, alongside a deep commitment to the Earth. Through advanced technologies in products such as BLDC brushless motors and HVAC energy-saving fans, the company aims to reduce energy consumption and carbon emissions while maintaining and protecting harmony and balance in nature. We strive for innovation in both product design and technology, with every team member passionately contributing to green ideals, aiming to make a positive impact on the planet. Cannex Technology Inc. is committed to long-term environmental protection and sustainable development, working together to safeguard our Earth and create a greener, better world for the future.



### 識別形象 Identification Image

紅色代表熱情、活力、創新。  
英文「A」代表Advance，發展、進步  
英文「K」代表Knowledge，知識、學識  
英文「R」代表Research，研究、鑽研  
Red color represents passion, energy and innovation.  
A is for Advance.  
K is for Knowledge.  
R is for Research.

### 廠旗 Company Flag

期望台灣日旭以立足台灣，放揚國際的精神，  
時時砥礪自己，奮發向上。

Cannex looks forward to thinking globally and acting locally.  
We constantly encourage ourselves and strive forward.



### 企業核心 Core Value

「品質」、「信賴」、「保密」、「快適」  
是我們企業價值的核心，也是我們給客戶不變的堅持。

Quality, Trust, Confidentiality and Pleasant are our core values and permanent insistence.

### 品質政策 Company Policy

品質是公司的生命力  
效率是公司的競爭力

Quality is our responsibility.  
Efficiency is the competitiveness of our operations.



## ODM Service

### 研發設計實力

台灣日旭研發團隊精攻於：  
Cannex is specialized in:

- 電子、電機、單晶片控制器研發  
R&D of electronic、electric machinery and single chip controller
- 電腦平台教學互動系統 (世界專利)  
Interactive educational system (global patent)
- DC直流變頻馬達驅動、整合、監控系統  
Brushless DC motors、Integration、Surveillance System
- 太陽能光發電應用系統  
Solar heating photonics application system
- 溫度控制器、遙控電路、電路開發、設計、生產  
Remote control and development for electrical circuit and temperature controller、design、manufacture
- 冷/暖氣機空調及冷凍(藏)控制器 (含紅外線遙控)  
Cold/ Heat Air Conditioner and freezers controller (including IR control)

由於我們專業研發團隊長期的努力，使得公司研發的產品應用於家電、教學系統、3C產品上並獲得業界的肯定，本團隊堅持以高品質之技術滿足客戶需求。

We are experient and sophisticated team, Our products are applied to household appliances、education systems and 3C products and earn recognition from industry.



- 冰水系統送風機(FCU)專用DC無刷馬達  
Special DC brushless motor for ice and water system blower (FCU)

特性：FCU送風機更換直流EC馬達，立即節能40%以上、省錢看得見!  
Feature：Replacement of FCU fan with DC EC motor, instantly saving over 40% energy and reducing costs literally!

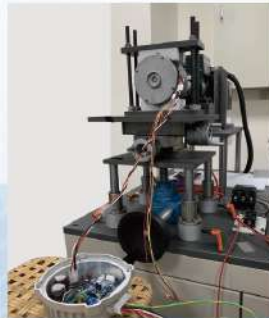


- 無刷馬達空調控制盒  
Brushless motor air conditioning control box

特性：完美一體控制驅動盒，集電源、控制、驅動、通訊共構一體。  
Feature：Perfect integrated control drive box, integrating power supply, control, drive, and communication into one unit.



- 廠內增設『馬達效能測試實驗室』  
In-house addition of a 'Motor Performance Testing Laboratory'



### 1. 馬達效能測試

Motor Performance Testing

可開發出合乎市場需求、完美的馬達。

Capable of developing motors that meet market demands and are of perfect quality.

### 2. 環境溫濕度試驗機

Environmental Temperature and Humidity Test Chamber

溫度變化、反向起動、低高溫起動、不穩定電源、雜訊環境。

Temperature Variation, Reverse Start, Low/High Temperature Start, Unstable Power Supply, Noise Environment



- 無人機馬達  
Drone Motor

特性：採用第三類功率半導體氮化鎵(GaN)及正弦波(FOC)馬達驅動技術，推出業界最新，高轉速、高效率、強拉力，無人機馬達動力系統。

Feature : Utilizing third-generation GaN (Gallium Nitride) power semiconductor and sinusoidal waveform (FOC) motor drive technology, introducing the latest in the industry, high-speed, high-efficiency, high-torque unmanned aerial vehicle motor power system.

**30%↑**  
節能效率

30% energy-saving efficiency.



## 目前研發團隊

更計劃擴大編制，培育研發人才，未來更將以專業的研發及驗證能力，設計、研發、生產各類型的產品，不斷的提升舊有產品的品質與可靠度，同時更秉持著求新求變、綠能環保之觀念，開發更多綠色產品。

We offer high quality standards to meet customer needs. Our R&D team would cultivate talents and design、R&D and manufacture for various kind of products.

We promote our quality and reliability continuously. Besides, we have creative and environmental consciousness to develop more green products.



**iToudai Beacon**



**Voting pads**



**Receivers**



**Voting pads**

## Molding Service

### 模具代工實力

台灣日旭為貫徹全製程服務之理念，成立塑膠射出及模具專業製造部門。

我們有先進的射出機具，從「機構外型設計」、「打樣」、「開模」、「塑膠射出」、「加工」一應俱全，提供客戶多樣化服務的選擇。

產品所採用之塑膠材料皆符合UL品質保證及RoHS標準。台灣日旭自模具設計、繪圖、開模、樣品到量產成品，皆要求產品精確度，並因應時代脈動、提升製程技術，除採購最先進自動化設備外，更積極與學術界合作，掌握關鍵性技術，培養技術之成熟度。

#### ■ 機器設備

放電機、銑床、磨床、車床、模溫機、塑膠射出成型機...等。

The department is specialized in the processing of molds and plastic injection manufacture. The advanced injection moulding machines are provided with an organized operating system of plating design, sampling, mold opening, ejection molding and manufacturing products, all the products are accordant with standards of UL and ROHS. We have invested in a range of the precision processing manufacture and combined with the specialized assembly and the strict quality request, to manufacture molds that fully meet product specifications and customers' requirements.

Services Scope :

Molding Machine Design & Plastic Molds Production.

Plastic injection OEM/ODM.

OEM/ ODM services :

To produce plastic injection molding product for 3C products, home appliances, medical equipment, wireless communication products, computer peripherals, mechanical equipments and Hi-Tech products.



從SMT作業到後焊加工、組裝、測試、包裝，一貫作業，配合客戶需求，一次完成，無後顧之慮。

Offers excellent high-tech SMT technology is to satisfy all customers' different applications. Our experienced engineers also can help customers design the entire production project according to their demand and recommend appropriate products.



**SMT生產線：**

全新防靜電地板廠房，兩條完整全自動**SMT**生產線，日產能 **1,000,000**點 (chip)，全自動**N2**迴焊爐。

**SMT Production Line :**

The factory has a brand new Anti-Electrostatic floor and 2 full-automatic SMT production lines; placement line up to 1,000,000 placements per day.



**DIP生產線：**

一條插件線搭配一條修補線，並配備各型機器設備，錫爐為日本原裝進口無鉛**N2**雙波錫爐，內裝有全自動噴霧機，助焊劑均勻噴霧在**PCB**板上，並經過預熱區達到良好吃錫效果，使產品能達到客戶要求。

**DIP Production Line :**

One insertion with one patch stitch which are equipped with various machine equipments. Japan lead free N2 double wave solder oven equipped with auto-spray machine. Flux is conveyed through a pre-heating area and sprayed smooth and steady on PCB to achieve a best effect of tin absorbance.



**產品測試：**

配合客戶各式產品之測試並搭配**OMRON RNS-pt AOI** 桌上型檢測機檢測，以達到客戶要求的嚴格品質。

**Product testing :**

Multiple test lines are set up to perform various tests with OMRON RNS-pt AOI for strict quality control demand from clients.



**組裝生產線：**

配合客戶組裝**OEM**產品，並將產品依客戶需求包裝，也可代替客戶配送至下游客戶手中。

**Assembly :**

One assembly line is set up to manufacture various OEM products for client demand. Moreover we can help the client ship the product to downstream clients.

■ 機器設備 Mechanical Equipment

機器設備 mechanical equipment	機器品號 Machine article number	備註 Note
自動送板機 Automatic feeder	DER 2535L X 2 DER 1000E DER 600A X 2	用於SMT生產線 Used for SMT production line
自動收板機 Automatic closing machine	DER 2535U X 2	
自動錫膏印刷機 MINAMI Fully automatic in-line printer & Loader	MINAMI MK-MARK II X2	日本原裝進口 用於SMT生產線 Japan imported Used for SMT production line
日本電熱無鉛迴焊爐 Japan electric lead-free reflow furnace	SENSBEY X2	
貼片機 Pick & Place Machine	JUKI KE2050L+JUKI KE2060M JUKI KE2050M+JUKI KE2060M	
助焊劑自動噴霧機 Spray Type Flux Coater TSG-TSFK350D	TSG TSFK 350D	日本原裝進口 用於DIP生產線 Japan imported For DIP production line
無鉛焊錫爐 Lead free Soldering Pot	TSG TW 350L	
電子式自動乾燥機 Semi-Auto Screen printer	DJP SP-3040	PCB烘烤 PCB baking
噴印機 Jet printer	A100	用於組裝線 For assembly line
超音波塑膠熔接機 Ultrasonic plastic welding machine	W-22F15CW	用於SMT生產線 Used for SMT production line
半自動錫膏印刷機 Semi-automatic solder paste printer	ST-30 40-A2	
歐姆龍RNS-pt AOI桌面檢測系統 OMRON RNS-pt AOI tabletop inspection system	VT-RNS	



MINAMI Fully automatic in-line printer & Loader DER-2535L



OMRON RNS-pt AOI tabletop inspection system

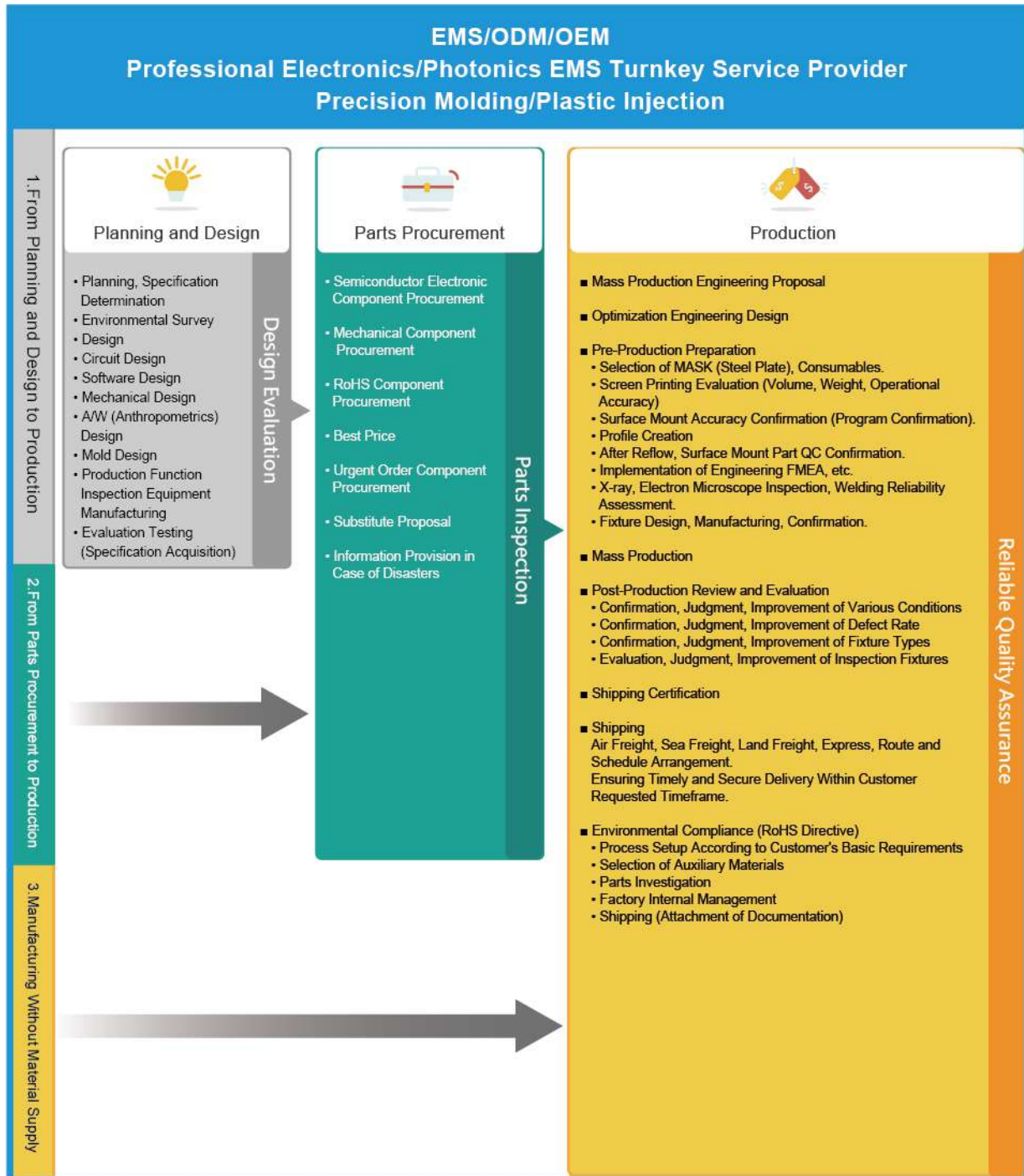


PCB drying oven

## EMS/ODM/OEM

專業電子/光電 EMS全製程服務廠/精密模具·塑膠射出





# IoT & HVAC System Integration

## IoT & HVAC 系統整合

我們擁有多年藍芽無線傳輸技術與物聯網 (IoT) 遠端控制系統的經驗，並在應用程式與系統開發方面積累了豐富的技术優勢。我們的雲端APP軟體能為產品帶來解決方案，並為使用者提供全新的參與及管理方式，並可根據客戶需求提供具體規劃，打造完整的客製化製造技術服務，實現產品差異化，幫助客戶脫離紅海市場、突破市場障礙，並擺脫紅色供應鏈的困境，從而提升使用者的產品體驗。

With years of expertise in Bluetooth wireless transmission and IoT remote control, we excel in application and system development. Our cloud-based APP solutions enable product management and user engagement, offering customized services tailored to customer needs. We help clients differentiate their products, break market barriers, and enhance user experiences.

### 使用通訊媒介技術：

SIM卡LTE版、NB-IoT、Wi-Fi版、藍牙(Bluetooth BLE)版、工控RS-485/Modbus版、無線(Wireless)版、Sub-G版(低頻段無線技術)、QR Code條碼(Barcode)、NFC / RFID(近場通訊/無線射頻識別)

### 服務項目：

- 主機代管與維護：確保系統穩定運行與及時更新。
- 版本升級：定期升級軟體與系統，提升性能與安全性。
- 業務支援：提供全方位的業務諮詢與技術支持。
- 維修客服、電子下單採購、技術諮詢APP：  
結合公司官網產品介紹，並提供一個虛實結合的商務互動平台，旨在提高客服效率、減少人力成本，並增強與客戶及代理商之間的交流互動。可直接在APP內提交維修申請，使用者可上傳影片作為維修判斷(拍照)、通知、管理、追溯、整合大數據、行動管理、APP內推播廣告。

#### Using Communication Media Technologies:

SIM Card LTE Version, NB-IoT, Wi-Fi Version, Bluetooth (Bluetooth BLE) Version, Industrial Control RS-485 / Modbus Version, Wireless Version, Sub-G Version (Low-frequency wireless technology) QR Code Barcode, NFC / RFID (Near Field Communication / Radio Frequency Identification)

#### Using Communication Media Technologies:

- Hosting and Maintenance: Ensure system stability and updates.
- Version Upgrades: Regular updates to enhance performance and security.
- Business Support: Comprehensive business and technical assistance.
- Customer Service and APP Features: Integrates product introductions with an interactive business platform, supporting repair requests, image uploads, notifications, management, big data analysis, mobile management, and in-app advertising to improve efficiency and communication.

# Software APP Introduction

## 軟體APP整合應用

### • iToudai Beacon



特性：iToudai結合藍牙4.1低功耗廣播器和定制APP，提供室內區域感測及訊息推播系統。

- 功能：
- (1) Beacon 訊號強弱及距離判讀。
  - (2) Beacon 電量判讀。
  - (3) 訊號過濾，選擇接收Beacon訊號。
  - (4) 雲端資料傳送及接收。
  - (5) 設定Beacon的UID, Major, Minor。
  - (6) 設定訊號間隔與功率。
  - (7) 顯示與提醒Beacon電池狀態。
  - (8) 設定定時排程及開關。
  - (9) 設定振動喚醒時間及開關。

Features :

iToudai combines Bluetooth 4.1 Low Energy beacon with a custom app to provide an indoor location sensing and messaging system.

Functions:

- (1) Beacon signal strength and distance reading.
- (2) Beacon battery monitoring.
- (3) Signal filtering to select Beacon signals to receive.
- (4) Cloud data transmission and reception.
- (5) Set Beacon's UID, Major, and Minor.
- (6) Set signal interval and power strength.
- (7) Display and alert Beacon battery status.
- (8) Set scheduled time and switch on/off.
- (9) Set vibration wake-up time and switch on/off.

### • T-α 溫度管理追蹤

T-α Temperature Management



特性：適用於冷凍冷藏、生鮮、醫療血液、血清、疫苗及生物科技實驗室等溫控設備產業。

- 功能：
- (1) 獨立設備即時追蹤溫度，APP通知與歷史記錄查詢，提醒異常處理，降低損失。
  - (2) 物聯網服務，APP記錄最佳溫控履歷。

Features :

For temperature control in refrigeration, medical, vaccine, and biotech industries.

Functions :

- (1) Independent devices for real-time temperature tracking, with APP notifications and history records to address issues and minimize losses.
- (2) IoT service with APP tracking optimal temperature records.

溫度顯示

時間表示

今天 14:46	今天 15:03	今天 15:20
過去1小時溫度變化(°C)		
溫度: 22.7°C		
時間: 今天 15:17		
狀態: 正常		
正常範圍: 41.0°C ~ -3.0°C		
最近溫度	23.0°C 今天 15:25	
ID	147425606	

## • IPS人員管理系統

IPS Personnel Management System



特性：利用 iBeacon 傳送標籤資料至無線接收器，實現即時通報與追蹤，適用於學童接送、校內追蹤，提升危機處理效率，免打卡解決彈性工時問題。

Feature :  
Using iBeacon to transmit tag data to wireless receivers for real-time alerts and tracking. Suitable for student pickup, on-campus tracking, improving crisis management efficiency, eliminating clock-in, and addressing flexible working hours.

功能：(1) 即時通報：透過Line通報，即時掌握遠端情況。  
(2) SOS求救：定點定時資料回傳，杜絕管理疏失。  
(3) 位置追蹤：提升異常回覆處理及持續追蹤機制。  
(4) 卡片狀態：有效提升異常回報處理效率。

Functions :  
(1) Real-time notifications: Alerts via Line APP.  
(2) SOS Call : Scheduled data transmission to avoid oversights.  
(3) Location tracking : Continuous tracking for anomaly management.  
(4) Card status : Improves efficiency in handling abnormal reports.



## • EZ智慧巡邏電子化系統

EZ Smart Patrol Electronic System

特性："智慧巡邏電子化系統" 節省巡籤時間、減少紙張浪費、簡化流程，具防弊功能，改善紙本簽章的濕損問題，適用於巡邏人力管理及校園安全。

Feature :  
The "Smart Patrol Electronic System" saves patrol signing time, reduces paper waste, simplifies processes, and includes anti-fraud features. It also addresses issues like paper signatures getting damaged by moisture, suitable for patrol management and campus safety.

功能：(1) 簽到功能：追蹤勤務進度。  
(2) 即時回傳：定時定點回傳巡邏資料，防管理疏漏。  
(3) 異常通報：改善異常處理與追蹤。  
(4) 拍照上傳：提升異常回報效率。  
(5) Excel匯出：雲端報表可完整匯出。

Functions :  
(1) Check-in : Track duty progress.  
(2) Real-time upload : Timely patrol data upload to prevent management oversight.  
(3) Anomaly reporting : Improve anomaly handling and tracking.  
(4) Photo upload : Enhance anomaly reporting efficiency.  
(5) Excel export : Complete cloud-based report export.



• **熱水器APP**

Hot Water Heater APP

特性：可遠端控制管理，適用於 iOS、Android 手機，同步設定溫度與動作時段（需現場 Wi-Fi）。

四種組合可選擇：

- (1) 只有主板(一般定時溫控)
- (2) 只有主板(無面板)+APP(Wi-Fi版)
- (3) 主板+N個面板
- (4) 主板+N個面板+APP(Wi-Fi版)

Features :

Supports remote control management via iOS and Android devices, allowing synchronized temperature and action schedule settings (requires on-site Wi-Fi).

Four combinations are available :

- (1) Mainboard only (general timed temperature control).
- (2) Mainboard only (without panel) + APP (Wi-Fi version).
- (3) Mainboard + N panels.
- (4) Mainboard + N panels + APP (Wi-Fi version).



• **生產履歷溯源軟體**

Production Traceability Software

通知：首件、逐件、不良品提醒

Call on：各站品檢數量統計表

Notifications：First-piece, per-piece, and defective product alerts  
Call on：Quality inspection quantity report by station

• **冷凍冷藏APP**

Freezer and Refrigerator APP

具遠端手機控制回報功能（無需週循環定時）。

Supports remote mobile control and reporting (no weekly cycle required).



• **iiCard 數位學習智慧識別證**

iiCard Digital Learning Smart ID



特性：iiCard結合藍牙識別、SOS求救和IRS即時反饋，實現校園安全與智慧學習。

- 功能：(1) 藍芽無線感應卡：課堂點名功能、身分識別。
- (2) SOS求救功能：掌握校園安全管理機制。
- (3) IRS即時反饋系統：師生互動學習好幫手。
- (4) 悠遊卡儲值或NFC功能：紅利點數獎勵子弟。

Feature :

iiCard combines Bluetooth ID, SOS emergency, and IRS feedback for campus safety and smart learning.

Functions :

- (1) Bluetooth card : attendance and identity recognition.
- (2) SOS function : campus safety management.
- (3) IRS system : teacher-student interaction.
- (4) EasyCard/NFC : reward points for students.



Since 1991

設計/製造

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