



第18屆

# 新創 事業獎

The 18<sup>th</sup> Business  
Startup Award

得獎專輯



# 部長序

From the Minister

## 突破重圍 共同邁向 產業創新契機

Moving Forward Together  
to New Opportunities  
through Innovation



依據世界經濟論壇（WEF）最新公布的 2019 年全球競爭力報告（The Global Competitiveness Report 2019）顯示，臺灣排名全球第 12 強、亞洲第 4 強，不但總體經濟穩定度與其他 33 國並列第一，且創新能力全球排名第 4 名、亞太第 1 名，與德國、美國及瑞士列為全球 4 大創新國。WEF 去年曾讚美德國、美國、瑞士和臺灣是「超級創新者」（super innovators），今年臺灣在「創新能力」指標方面名列前茅，顯示臺灣持續受到國際肯定。

本部以「創新驅動，智慧臺灣」為推動產業發展的重要使命，鼓勵產業持續創新，而中小企業處以智慧物聯（AIoT）為核心，「打造全球創業聚落品牌，建立創新育成國際通路」為目標，將林口世大運選手村建造為「林口新創園」國際創業聚落，營造國際創業氛圍，大力推動創新創業、加速帶動臺灣與國際新創之鏈結。

另於拔尖新創事業部分，中小企業處自 91 年起辦理新創事業獎選拔，發掘成立 5 年內具創新營運模式新創公司為參選標的，迄今已邁入第 18 屆；回顧歷屆獲獎的 240 家企業中，曾經創櫃、公開發行、興櫃或上市上櫃已計有 26 家；此外，陸續有 4 家企業獲得國家磐石獎、31 家企業獲得創新研究獎及 6 家企業獲得小巨人獎，均展現獲獎企業優質的競爭實力並獲得市場高度肯定。為順應產業發展，發掘更多具創新潛力型新創企業擴大參與，自第 16 屆開始獲獎企業由 12 家增加為 16 家，包含 13 家「金質獎」及今年遴選之 3 家「評審特別獎」獲獎企業，以資鼓勵各界新創事業。

本屆獲獎企業大多與 AI 及 IoT 應用相關，如科技產業組「艾陽科技股份有限公司」運用 AI 智慧安控技術，使跨國影像環境控制及人臉辨識系統可以更準確、快速且有效的運用。「雲象科技股份有限公司」則是運用醫療影像 AI 技術，掃描建立數位病理資料庫，由電腦執行大量簡單且重複性的工作，讓醫師專注於其他複雜度較高的診斷，提高整體醫療效率及品質。

IoT 的應用在知識服務業組一樣有亮麗表現，如「智齡科技股份有限公司」推出 IoT 照護推車，使用軟硬體整合、雲端服務與資料科學技術，讓照護者測量數據自動同步至醫療雲平臺，有效簡化照護流程。微型企業組的「業安科技股份有限公司」則將老舊販賣機轉化為 IoT 自動販賣機，升級行動支付模組並自動連網，不僅讓消費者可以享受便利服務，廠商也可透過後臺資訊管理，降低營運成本。獲評審特別獎的「稜研科技股份有限公司」所打造「波束成型天線系統」BBox，可解決 5G 訊號損耗問題，有效提升通訊品質。

再次恭喜今年度 16 家獲獎的企業，期待這群具備優質營運模式的新創事業尖兵，成為創業典範後繼續帶領臺灣更多創業家邁向卓越，並期盼中小企業能與時俱進，攜手合作讓臺灣成為一個具競爭力的國際創新創業基地。

經濟部部長

沈榮津

謹識

2019 年 11 月 13 日



In the World Economic Forum's Global Competitiveness Report 2019, Taiwan has been ranked 12th globally and 4th in Asia. In addition to earning full marks in the category of macroeconomic stability, Taiwan is also one of only four countries lauded by the WEF as a "super innovator," along with Germany, Switzerland and the U.S. The top grades received in "innovation capacity" in this year's report demonstrate the continued affirmation of Taiwan on the international stage.

The Ministry of Economic Affairs has taken "Innovation-Driven, Smart Taiwan" as the focal mission for industrial development, encouraging Taiwan industry to continuously pursue innovation. As part of efforts to transform Taiwan into a leading innovation service provider in the Asia-Pacific region, the Ministry' Small and Medium Enterprise Administration (SMEA) has recently established "Startup Terrace," a major international startup cluster at the site of the former Universiade athlete's village in Linkou, suburban Taipei. The new state-of-the-art hub will play a major role in developing an international-level startup ecosystem in Taiwan and fostering innovation links between Taiwan and the rest of the world in cutting-edge sectors such as AIoT.

As part of efforts to encourage and recognize outstanding new innovative enterprises and business practices, the SMEA has since 2002 held the annual Business Startup Awards. Among the 240 award-winning enterprises over the years, 26 have become exchange-listed or OTC-listed companies or have successfully registered on the Go Incubation Board for Startup and Acceleration Firms (GISA), while 41 have gone on to win a National Award for Outstanding SMEs, Taiwan SMEs Innovation Award or Rising Star Award. With the development of new emerging sectors, and in order to unearth even more innovative startups with strong potential, the Ministry two years ago increased the number of Business Startup Awards from 12 to 16, including 13 Golden Awards and 3 Special Jury Awards.

A focus on AI or IoT technology applications is one of the features shared by most of this year's award winners. For instance, ioNetworks Inc. won

the award in the technology sector category for utilizing AI smart security surveillance technology to make its cross-country image environment control & facial recognition system more accurate, faster and more effective. Meanwhile, AetherAI was selected as a winner for utilizing AI medical imaging technology for carrying out scanning and establishing digital medical record databases. With computers handling simple and repetitive tasks, doctors are therefore able to focus on the more complicated task of diagnosis, thereby improving the overall effectiveness and quality of medical care.

In the knowledge-based services sector category, Jubo Facility Solution was selected a winner for developing an IoT nursing cart, which integrates hardware and software, cloud service, and data science technology. The cart allows for patient data measured by the caregiver to be automatically synced and uploaded to a medical cloud platform, thereby significantly simplifying the nursing process. Meanwhile, Yallvend Co. was awarded in the micro-enterprise category for its innovation that transforms traditional vending machines into IoT automated vending machines with mobile payment features and network connectivity, providing greater convenience for customers as well as cost savings for operators. Another outstanding innovation recognized this year is the BBox, or Beamforming Box, created by TMYTEK Co., winner of the Special Jury Award, which can resolve 5G's signal loss issue to improve communications quality.

I heartily congratulate each of this year's Business Startup Award winners for their commendable achievements. I look forward to each of them serving as models that inspire many others to tap into their own creative energy and pursue their commercial aspirations, thereby helping to further enhance Taiwan's global reputation as a major center of innovation and entrepreneurial spirit.

*Jong-Chin Shen*  
Minister  
Ministry of Economic Affairs, R.O.C.  
Nov. 13, 2019

# 歷屆回顧 Review

屆數	第一屆 -2002	第二屆 -2003	第三屆 -2004
報名家數	184	118	138
得獎廠商	<b>金質獎</b> 群聯電子股份有限公司 <b>銀質獎</b> 熱映光電股份有限公司 <b>優質獎</b> 利基網路股份有限公司 金鼎聯合科技纖維股份有限公司 磐宸國際實業股份有限公司 <b>優選獎</b> 臺灣微脂體股份有限公司 思達科技股份有限公司 眾智國際股份有限公司 逸奇科技股份有限公司 電視豆股份有限公司	<b>金質獎</b> 奇景光電股份有限公司 <b>銀質獎</b> 國際直線科技股份有限公司 <b>優質獎</b> 源星科技股份有限公司 迅杰科技股份有限公司 加特福生物科技股份有限公司 <b>優選獎</b> 沛錦科技股份有限公司 其樂達科技股份有限公司 先進國際醫藥奈米技術股份有限公司 廣積科技股份有限公司 洋弗米實業股份有限公司	<b>科技產業組</b> 金質獎 - 威奈聯合科技股份有限公司 銀質獎 - 全鑫材料股份有限公司 優質獎 - 玉山精密塗佈股份有限公司 <b>傳統產業組</b> 金質獎 - 康泉生物科技股份有限公司 銀質獎 - 府城館生物科技事業有限公司 優質獎 - 全通用股份有限公司 <b>知識服務業組</b> 金質獎 - 聚鍋餐飲股份有限公司 銀質獎 - 寬廣科技股份有限公司 優質獎 - 儷詔國際有限公司 <b>微型企業組</b> 金質獎 - 雅樂國際事業有限公司 銀質獎 - 臺灣招東股份有限公司 優質獎 - 洄瀾營造
屆數	第四屆 -2005	第五屆 -2006	第六屆 -2007
報名家數	143	101	105
得獎廠商	<b>科技產業組</b> 金質獎 - 禾富熱導股份有限公司 銀質獎 - 中華龍網股份有限公司 優質獎 - 映佳科技股份有限公司 <b>傳統產業組</b> 金質獎 - 薰衣草森林股份有限公司 銀質獎 - 亞印文件科技股份有限公司 優質獎 - 喜富陞搬家股份有限公司 <b>知識服務業組</b> 金質獎 - 異數宣言股份有限公司 銀質獎 - 博格科技股份有限公司 優質獎 - 無名小站股份有限公司 <b>微型企業組</b> 金質獎 - 創識科技股份有限公司 銀質獎 - 迎光生物技術有限公司 優質獎 - 津洵企業有限公司 <b>營運模式特別獎</b> 臺灣派對商店股份有限公司 紫軾數位決策科技股份有限公司	<b>科技產業組</b> 金質獎 - 瑞頻科技股份有限公司 銀質獎 - 阿碼科技股份有限公司 優質獎 - 特佳光電股份有限公司 <b>傳統產業組</b> 金質獎 - 臺樂控制工程股份有限公司 銀質獎 - 統欣生物科技股份有限公司 優質獎 - 摩爾國際事業有限公司 <b>知識服務業組</b> 金質獎 - 皇家人力資源管理股份有限公司 銀質獎 - 巴巴坑道 優質獎 - 競技國際股份有限公司 <b>微型企業組</b> 金質獎 - 科翰科技有限公司 銀質獎 - 天籟園民宿 優質獎 - 管家服務有限公司	<b>科技產業組</b> 金質獎 - 昂翔微系統股份有限公司 銀質獎 - 探矽光電科技股份有限公司 優質獎 - 昱程科技股份有限公司 <b>傳統產業組</b> 金質獎 - 易洗網數位股份有限公司 銀質獎 - 紫金堂股份有限公司 優質獎 - 柿外桃園有限公司 <b>知識服務業組</b> 金質獎 - 達摩媒體股份有限公司 銀質獎 - 魔法氣球國際有限公司 優質獎 - 寶麗安生理事業有限公司 <b>微型企業組</b> 金質獎 - 協立光電股份有限公司 銀質獎 - 袖珍盒子有限公司 優質獎 - 世宇興大企業有限公司
屆數	第七屆 -2008	第八屆 -2009	第九屆 -2010
報名家數	117	106	126
得獎廠商	<b>科技產業組</b> 金質獎 - 海立爾股份有限公司 銀質獎 - 活源生物科技股份有限公司 優質獎 - 世基生物醫學股份有限公司 <b>傳統產業組</b> 金質獎 - 阿原工作室有限公司 銀質獎 - 環球奈米科技股份有限公司 優質獎 - 中正肉舖 <b>知識服務業組</b> 金質獎 - 英屬維京群島商極佳媒體有限公司臺灣分公司 銀質獎 - 政龍文教科技有限公司 優質獎 - 金石國際資訊股份有限公司 <b>微型企業組</b> 金質獎 - 正錫科技股份有限公司 銀質獎 - 極趣科技股份有限公司 優質獎 - 水鳳凰設計有限公司	<b>科技利基產業組</b> 金質獎 - 肯瑪動力有限公司 銀質獎 - 芽堡生技股份有限公司 優質獎 - 億霽科技股份有限公司 <b>創新傳統產業組</b> 金質獎 - 蜜蜂故事館股份有限公司 銀質獎 - 泉利米香食品有限公司 優質獎 - 宅修生活國際股份有限公司 <b>策略知識服務組</b> 金質獎 - 渥奇數位資訊股份有限公司 銀質獎 - 玳修企業社 優質獎 - 美商英瑞其全球生技股份有限公司 <b>微型企業組</b> 金質獎 - 鑒真數位有限公司 銀質獎 - 生態綠商業有限公司 優質獎 - 蜜寶貝蜜蜂農場行	<b>科技利基產業組</b> 金質獎 - 原力精密儀器股份有限公司 銀質獎 - 威旺生醫科技股份有限公司 優質獎 - 環司柏電子股份有限公司 <b>創新傳統產業組</b> 金質獎 - 銘宇興業有限公司 銀質獎 - 鋒耀精密股份有限公司 優質獎 - 禾掌屋商社有限公司 <b>策略知識服務組</b> 金質獎 - 爻域互動科技設計股份有限公司 銀質獎 - 比特數位股份有限公司 優質獎 - 阿之寶手創館 <b>微型企業組</b> 金質獎 - 益及實業有限公司 銀質獎 - 殺價王股份有限公司 優質獎 - 中國藍有限公司



屆數	第十屆 -2011	第十一屆 -2012	第十二屆 -2013
報名家數	122	148	127
得獎廠商	<b>金質獎</b> 群聯電子股份有限公司 <b>銀質獎</b> 熱映光電股份有限公司 <b>優質獎</b> 利基網路股份有限公司 金鼎聯合科技纖維股份有限公司 磐宸國際實業股份有限公司 <b>優選獎</b> 臺灣微脂體股份有限公司 思達科技股份有限公司 眾智國際股份有限公司 逸奇科技股份有限公司 電視豆股份有限公司	<b>科技利基產業組</b> 金質獎 - 玉豐海洋科儀股份有限公司 銀質獎 - 晉弘科技股份有限公司 優質獎 - 盟基生醫股份有限公司 <b>創新傳統產業組</b> 金質獎 - 十藝生技股份有限公司 銀質獎 - 緯士登科技股份有限公司 優質獎 - 東藻生技股份有限公司 <b>策略知識服務組</b> 金質獎 - 奇多比行動軟體股份有限公司 銀質獎 - 宇萌數位科技股份有限公司 優質獎 - 哈堡堡輕食早午餐有限公司 <b>微型企業組</b> 金質獎 - 林果良品有限公司 銀質獎 - 樂灣國際股份有限公司 優質獎 - 吶喊文創股份有限公司	<b>科技利基產業組</b> 金質獎 - 泰合生技藥品股份有限公司 銀質獎 - 易宏生物科技股份有限公司 優質獎 - 給奇創造股份有限公司 <b>創新傳統產業組</b> 金質獎 - 建信資源科技有限公司 銀質獎 - 金嘉隆企業有限公司 優質獎 - 周老爸食品有限公司 <b>策略知識服務組</b> 金質獎 - 紅門互動股份有限公司 銀質獎 - 狼主流多媒體有限公司 優質獎 - 歐米爾網路科技股份有限公司 <b>微型企業組</b> 金質獎 - 悅聲志業股份有限公司 銀質獎 - 安可爾科技有限公司 優質獎 - 文誠蜂蜜有限公司
屆數	第十三屆 -2014	第十四屆 -2015	第十五屆 -2016
報名家數	110	147	210
得獎廠商	<b>科技產業組</b> 金質獎 - 明達醫學科技股份有限公司 銀質獎 - 天空科技股份有限公司 優質獎 - 原創生醫股份有限公司 <b>傳統產業組</b> 金質獎 - 理想家室內裝修有限公司 銀質獎 - 綠金王生技股份有限公司 優質獎 - 食安生技股份有限公司 <b>知識服務業組</b> 金質獎 - 大默企業有限公司 銀質獎 - 十三行互動有限公司 優質獎 - 耀麒科技股份有限公司 <b>微型企業組</b> 金質獎 - 金期品有限公司 銀質獎 - 里米斯科技股份有限公司 優質獎 - 花生騷有限公司	<b>科技產業組</b> 金質獎 - 東方光能股份有限公司 銀質獎 - 精專生醫股份有限公司 優質獎 - 鴻明環保科技股份有限公司 <b>傳統產業組</b> 金質獎 - 光宇材料股份有限公司 銀質獎 - 幸福新生活有限公司 優質獎 - 起士公爵有限公司 <b>知識服務業組</b> 金質獎 - 實利拾股份有限公司 銀質獎 - 愛卡拉互動媒體股份有限公司 優質獎 - 社企流股份有限公司 <b>微型企業組</b> 金質獎 - 鳴周科技股份有限公司 銀質獎 - 天下奇冰冰店 優質獎 - 臺灣尼德有限公司	<b>科技產業組</b> 金質獎 - 臺灣艾特維股份有限公司 銀質獎 - 宏威鎔科技股份有限公司 優質獎 - 得心股份有限公司 <b>傳統產業組</b> 金質獎 - 拓華生技股份有限公司 銀質獎 - 瑞德感知科技股份有限公司 優質獎 - 森田生醫股份有限公司 <b>知識服務業組</b> 金質獎 - 貝殼放大股份有限公司 銀質獎 - 上尚文化企業有限公司 優質獎 - 積躍股份有限公司 <b>微型企業組</b> 金質獎 - 臺灣恩寧股份有限公司 銀質獎 - 毛毛蟲創意行銷有限公司 優質獎 - 愛綠淨生技股份有限公司
屆數	第十六屆 -2017	第十七屆 -2018	
報名家數	203	181	
得獎廠商	<b>科技產業組</b> 金質獎 - 強普生技股份有限公司 金質獎 - 速博思股份有限公司 金質獎 - 晶祈生技股份有限公司 <b>傳統產業組</b> 金質獎 - 明日逸品股份有限公司 金質獎 - 品創科技製造股份有限公司 <b>知識服務業組</b> 金質獎 - 眾社企股份有限公司 金質獎 - 有理百物股份有限公司 金質獎 - 電獺股份有限公司 金質獎 - 點子行動科技股份有限公司 <b>微型企業組</b> 金質獎 - 加點創意股份有限公司 金質獎 - 百二歲國際開發有限公司 金質獎 - 展綠科技股份有限公司 金質獎 - 銘宇室內裝修設計有限公司 <b>創業女傑</b> 特別獎 - 食藝餐飲有限公司 <b>熱齡創業</b> 特別獎 - 小綠草股份有限公司 <b>評審特別獎</b> 特別獎 - 緯育股份有限公司	<b>科技產業組</b> 金質獎 - 宇康生科股份有限公司 金質獎 - 漢穎科技股份有限公司 金質獎 - 正瀚生技股份有限公司 <b>傳統產業組</b> 金質獎 - 慕渴股份有限公司 金質獎 - 泛科知識股份有限公司 <b>知識服務業組</b> 金質獎 - 威許移動股份有限公司 金質獎 - 威捷生物醫學股份有限公司 金質獎 - 豐趣科技股份有限公司 金質獎 - 沃畝股份有限公司 <b>微型企業組</b> 金質獎 - 佛司特金屬有限公司 金質獎 - 來而康醫療器材有限公司 金質獎 - 英霸聲學科技股份有限公司 金質獎 - 莫仔有限公司 <b>評審特別獎</b> 特別獎 - 維致生醫科技股份有限公司 特別獎 - 臺灣安麗莎醫療器材科技股份有限公司 特別獎 - 大數據股份有限公司	

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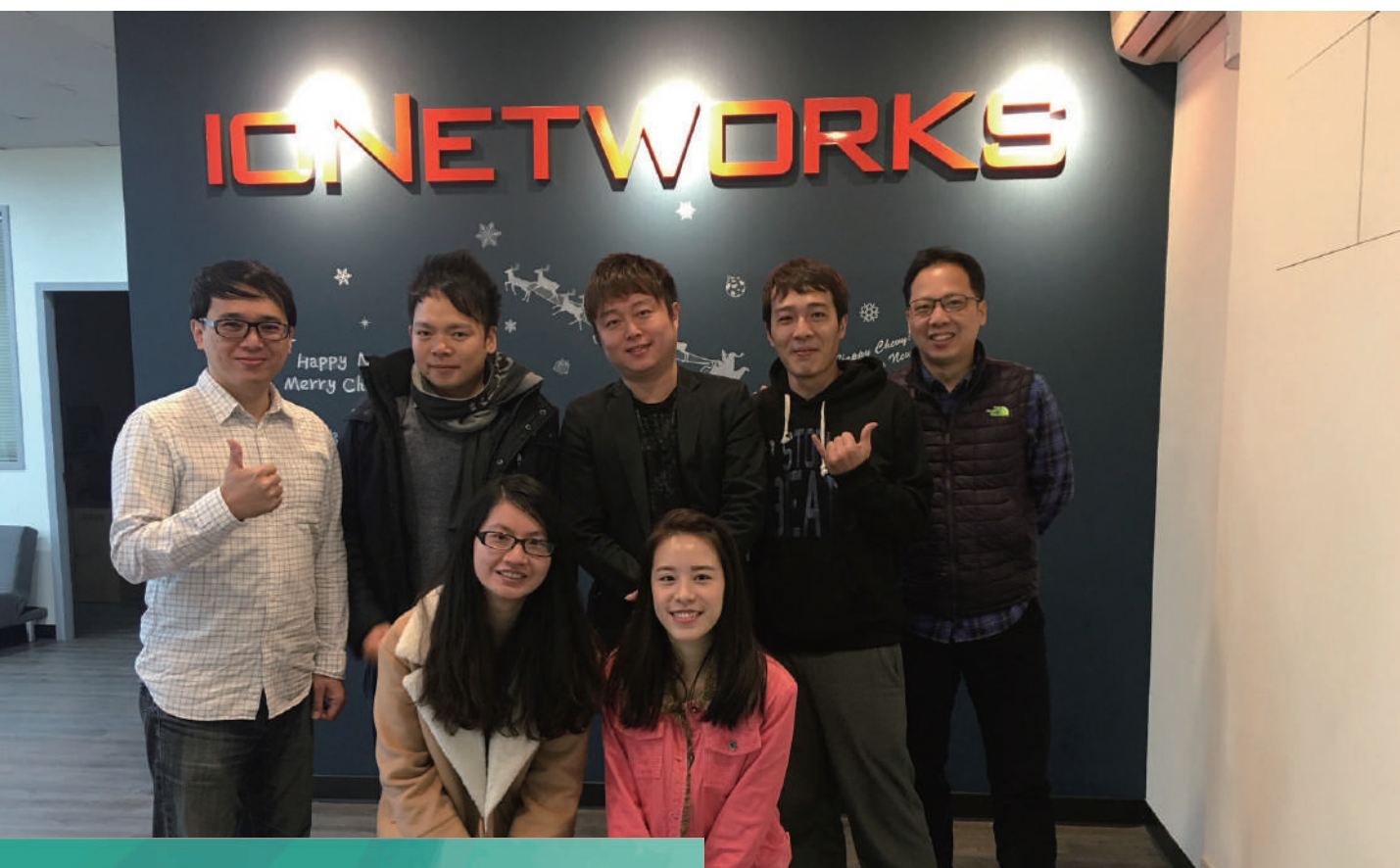
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## 艾陽科技 股份有限公司

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公司網址 <http://ionetworks.co/index.php>

成立日期 2014 年 10 月 1 日

營業項目 雲端影像服務建置、中央控制平  
臺、影像管理方案、AI 智慧影  
像辨識軟體及工業影像伺服器

資 本 額 NT\$15,000,000

## IONETWORKS

### 新創公司變革性的改變，開創 人工智慧解決方案新紀元

艾陽科技於 2014 年 10 月成立，是專業的影像管理軟體開發商，基於 AI（深度學習）的影像分析和錄影伺服器，專注於高階項目，大型標案及雲端影像服務，通過 APAC 和 EMEA 與當地電信公司合作。短短兩年內產品已滲透國內外各大代理、SI 供應鏈，獲得泰國航空公司，一級汽車廠，電信，國家銀行，智慧工廠，政府單位和公共交通系統採用，足跡遍及臺灣、日本、泰國、馬來西亞、越南、迪拜、阿曼和科威特。

艾陽科技以人才為本，重視人格特質，採用美式管理，鼓勵公司成員獨立完成任務，同時積極培訓公司成員開發各自的 Career Map，保持彈性與臺灣優秀夥伴一同邁向世界。

## 人工智慧正在改變安控產業

在我們生活的城市與建築中，充斥著許多的監控設備。然而，有大量的影像資料並未被妥善運用。因此，我們提供了 AI 影像監控及分析系統，升級並使現有系統更加靈活及智慧化，幫助企業節省資源、創造更多利潤，減少城市中的犯罪事件，並為政府單位及相關企業創造全新的商機。

目前許多市面上的 AI 公司大多使用公有雲來進行影像分析。但是，由於資安方面的考量，尤其是針對政府單位的資安問題，我們建立了自己的深度學習模型來滿足智慧城市應用上的不同需求，確保相關的 AI 影像監控及分析都在用戶端進行運算。

我們公司不僅提供影像分析系統，也提供了影像管理系統，以建構包含進出控制、智慧安防及智慧交通等整體解決方案，而大多數的 AI 公司並沒有整體解決方案來解決智慧城市的相關問題。

## 目標—世界級的影像管理解決方案品牌

我們期望在五年間成為世界級的影像管理解決方案品牌，透過“人工智能視頻分析”以及“人臉識別”，“火災和煙霧探測”，“醫療保健跌倒檢測”，“雲端影像監控“，”影像管理解決方案“，”錄影伺服器“和”遠端中央管理服務“為人們提供更多的影像服務和安全生活。

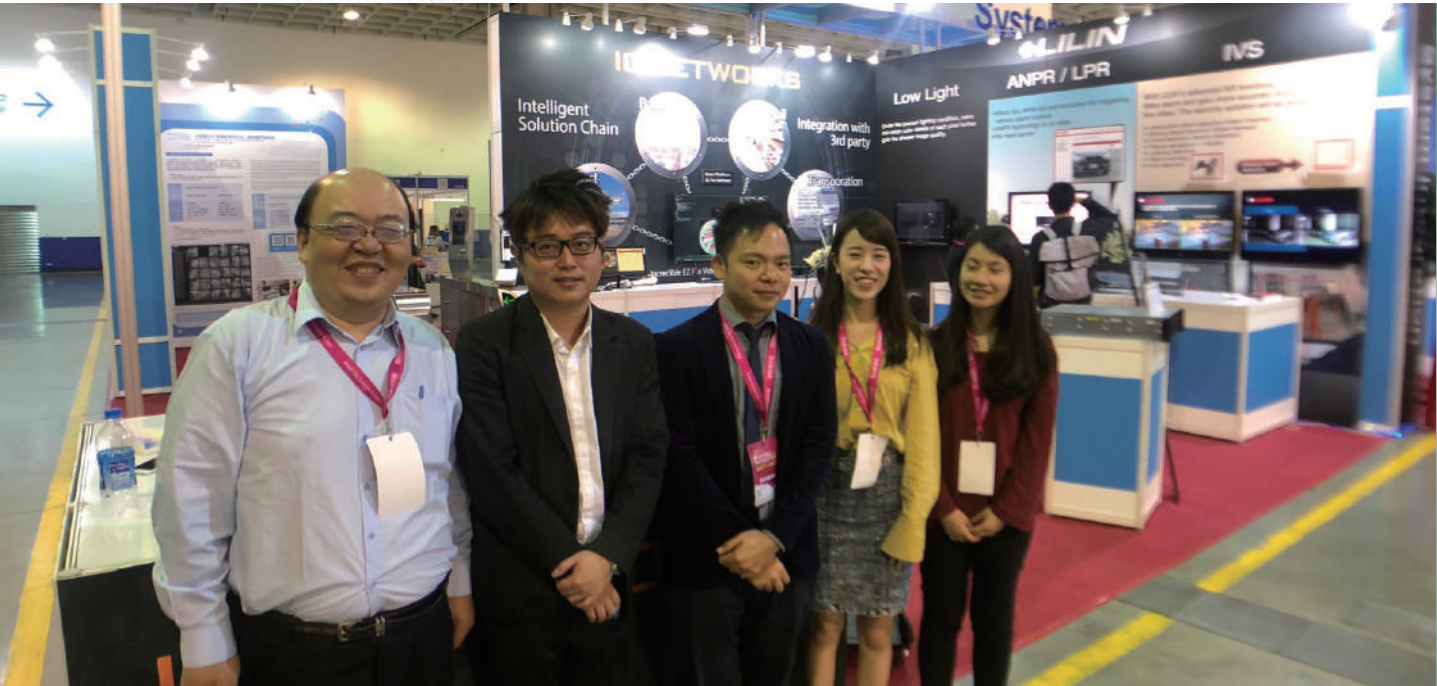




Technology Industry Category-  
The Gold Award

ioNetworks Inc.

IONETWORKS



## The revolutionary change of startups, creating a new century of artificial intelligence solutions

ioNetworks INC. funded in October, 2014 is a professional developer of video management software, AI (Deep learning) based video analytics and recording servers focusing on high end projects, large scale bids and cloud video services with local telecoms over APAC and EMEA. With-in two years, ioNetworks' solutions have been conducted in TOP 3 Taiwan and oversea system integrators, distributors deployed in Thai Airline, tier one automobile factory, telecoms, national banks, intelligent factory, government units and public transportation system in Taiwan, Japan, Thailand, Malaysia, Vietnam, Dubai, Oman and Kuwait.

ioNetworks is based on a bunch of talents, attach importance to personality traits, and adopts American management to encourage the company members to complete their tasks independently, while actively training the company members to develop their respective Career Maps, maintaining flexibility and looking at the world together with partners.

## Artificial intelligence is changing the security industry

There are a lot of cameras which are installed for buildings & cities' surveillance. However, the problem is that the huge amount of video data is not used efficiently. So we provide AI video surveillance & analytics system to upgrade



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**Established Date** Oct. 01, 2014

**Business Category**

Cloud based Video Surveillance,  
Central Management Platform, Video  
Management Solutions, AI based Video  
Analytics, Industrial Video and Video  
Analysis Server.

**Capital** NT\$15,000,000



and make old high-end system smarter, to aid enterprise to save or earn money, to decrease criminal events in cities, and also create innovative business opportunity for governments and related companies.

A lot of AI companies are using cloud-based resources for video analytics purpose. However, due to data security issue especially for governments, we make our own deep learning models to achieve different demands of smart city making sure all the AI video surveillance & video analytics products are onsite-computing in certain local lane.

Our company provide not only video analytics system but also video management system to build up integrated solution for the application of smart access control, smart security and smart traffic purpose. Most of AI companies does not have integrated solution to build up those purposes.

## Goal - The World-Class image management solution brand

We expect to become world-class, leading brand of video solutions within 5 years providing people more video services and secure life via “AI based video analytics” as well as face recognition, fire and smoke detection, fall detection for health care, “Cloud based video surveillance”, “Video management solutions”, “Recording servers”, and “Remote central management applications” .



## 雲象科技 股份有限公司

負責人 葉肇元

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公司網址 <https://aetherai.com>

成立日期 2015 年 10 月 7 日

營業項目 1. 專利數位病理系統開發及規劃  
2. 醫療影像 AI 開發平臺及顧問服務

資本額 NT\$63,119,109



### 跨域整合菁英團隊，提供以 AI 驅動之數位病理系統及服務。

雲象科技成立於 2015 年 10 月，致力於數位病理系統及輔助診斷系統之開發，提供各類醫療影像人工智慧模型開發、及病理數位轉型服務，客戶以醫療院所為主，合作夥伴包括美國匹茲堡 University of Pittsburgh Medical Center、臺大醫院、長庚醫院、台北榮總等大型醫療機構。



## 打造數位病理一條龍服務，減輕醫生工作量。

### 以病理作業為中心之流程管理設計

從提升病理科作業流程效率之角度出發，針對病理科醫師每日工作所需設計。清楚顯示及追蹤數位玻片閱片狀態，提供工作優先排序，緊急案件通知等功能，一目瞭然工作情形，輕鬆達成時間管理。

### 針對使用情境設計之玻片影像管理系統

可自訂數位玻片清單，一鍵將所需玻片分類彙整，輕鬆展示於會議中，節省教學檔製作時間，並可分享玻片清單以利諮詢及討論。

### 影像異地同步瀏覽

基於網路之影像瀏覽系統，讓醫師不受所在地點限制；提供多方遠端同步瀏覽。針對同一畫面進行討論；並可在單一視窗，比對多個 H&E、IHC 染色影像進行判讀，提供同步位移及同步縮放倍率，提升診斷效率。

### 使用者友善操作

提供多種熱鍵組合，搭配滑鼠滾輪提升瀏覽效率，提供無段式旋轉、迷霧地圖、放大鏡、指定畫面截圖、比例尺、量測工具等。

### 人工智慧模型應用

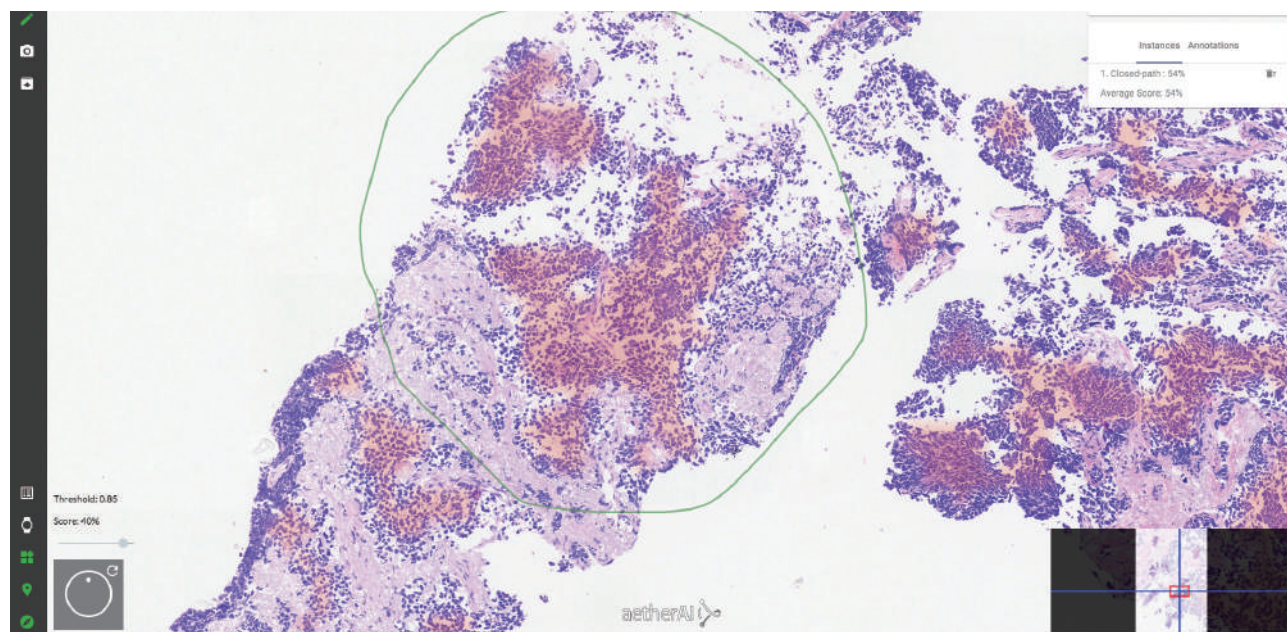
提供人工智慧模型應用服務，包含癌症辨識及定量、免疫染色定量、血球分類計數等應用，透過人工智慧與醫師協作，減輕重複性工作負擔。

### 人工智慧訓練標註

提供多種圈選方式及多類別標註，提供自由手繪，標註結果無縫接軌深度學習訓練使用，以結構化格式輸出，於日常流程中產出人工智慧訓練用資料。

## 打造世界級 AI 醫療影像公司，實現精準醫療。

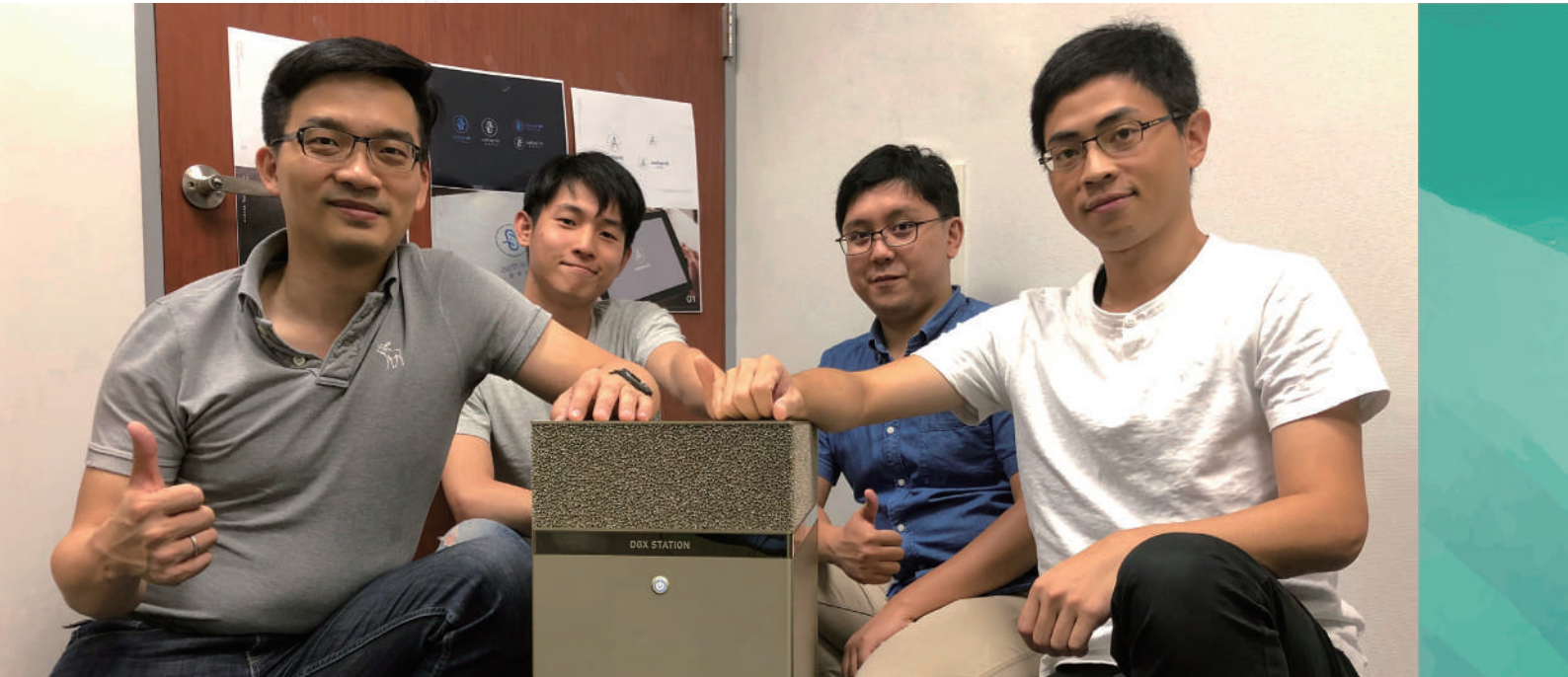
雲象科技致力於提供病理數位轉型及人工智慧輔助診斷之解決方案，期望利用人工智慧圖像辨識強項，提升生技醫療產業準確且客觀判讀及定量標準，節省專業人力消耗並改善病理檢驗流程；以及解決流程上的斷點，無痛啟動醫療影像 AI 開發並讓深度學習落實臨床，提升醫療品質。





Technology Industry Category-  
The Gold Award

aetherAI Co., Ltd.



## A cross-disciplinary elite group that provides AI-powered digital pathology system and services.

powerful combination of digital microscopy and artificial intelligence will revolutionize medicine.

Since its founding, the company has been dedicated to developing intuitive web-based digital pathology system and AI-powered image analysis workflow.

Partners of the aetherAI include University of Pittsburgh Medical Center, National Taiwan University Hospital, Taipei Veterans General Hospital, Chang Gung Memorial Hospital, Cathay General Hospital, Tri-Service General Hospital, Chung Shan Medical Hospital, Taipei Medical University Hospital.



**President** Joe Yeh

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**Established Date** October. 7, 2015

**Business Category**

Medical Imageing AI Development Platform  
End-to-end medical image AI training

**Capital** NT\$63,119,109

## End-to-end AI-powered digital pathology system that simplifies the daily workflow.

### Pathologist-Centered Workflow System Design

Dedicated to improving efficiency of pathology workflow, aetherSlide digital pathology system is designed based on the daily workflow of pathologists. Pathologists can easily see a whole picture of their daily workload, check on slide status, and prioritize their work.

### Scenario-based Pathology Image Management System

User-defined worklist and image boxes, making it readily available for meetings and classes.

### Synchronized Viewer

Web-based system allows users to simultaneously view and discuss cases at different locations.

Multiple image comparison for H&E and IHC and synchronized viewport and are also available for increased efficiency.

### User-friendly Interface

aetherSlide provides productivity tools, such as smooth rotation, traceable map, magnifier, measurement tools, user-defined hotkeys and customizable settings according to their preferences.

### Artificial Intelligence Applications

aetherSlide digital pathology system is fully integrated with AI applications, including cancer screening, quantification of immunohistochemistry and differential cell counting, to assist pathologists in making rapid and accurate diagnosis.

### Annotation Tools for AI Development

aetherSlide provides tailor-made annotation tools that are fully integrated with AI training pipeline. Annotations can be output in structured format for further applications.

## The AI revolution will realize the ultimate value of digital medical images and bring healthcare to the next level.

aetherAI is dedicated to developing solutions for digital pathology transformation and AI-powered diagnostic support. The company seeks to leverage AI's superior ability in image recognition to bring objective quantification standard to the pathology reading process. The goal is to realize AI's values in clinical setting, increase productivity and improve the quality of healthcare. aetherAI strives to be the world's leading digital pathology solution provider.





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傳真 (03) 301 - 1763

公司網址 <https://www.dilemma.com.tw/>

成立日期 2014 年 11 月 18 日

營業項目 節能熱泵式污泥乾燥系統

資本額 NT\$13,200,000



二方企業股份有限公司

### 環保、節能的熱泵式應用產品， 致力於更美好的環境

二方企業成立於 2014 年 11 月，以環保再利用、循環經濟為核心理念，並以熱泵、乾燥技術為主軸，進行相關的設備研究開發；將其成果多方面應用於化工、環工、農業、加工業等相關傳統產業的服務應用上，目前主要營業項目為熱泵式乾燥設備，致力於事業廢棄物處理（污泥）、工件乾燥、農業乾燥等等。

除了專注「產品研發」以外，二方企業更將「服務」作為「設備產品」的一項附加價值，提供客戶節能方案的參考，以增加顧客的滿意度，並強化企業的競爭力。



## 「產品研發 + 創新服務」的差異化策略，傳統產業也可以很不一樣

### 熱力機械研發團隊

熱泵的使用雖行之有年，但因臺灣在熱流機械技術的運用面上仍有許多的不足，為了提供業界最佳的節能方案，二方企業針對熱流、機械的專業，自組研發團隊，進行熱泵應用面的研發及機構的改良，致力突破現行技術的限制。

研發過程中，團隊不僅要達成模組化、可量產的目標，更要著重設備的密閉及耐腐蝕強度等細節，目前已開發四大系列機種，依功能性分別為工業級乾燥機、商用乾燥機、農用食品級乾燥機及熱泵恆溫加熱系統，並於海內外申請多項專利；實務上其適用於各個產業別，包含紡織染整、電鍍、精密電子、石化、金屬製造、汽車製造、生物製藥、酪農處理、食品等等。

### 現代化控制系統

不同於以往的傳產設備，團隊在研發過程中，導入了 Structured Text 近代程式語言編寫程式，可依據不同的機種或特殊需求進行階梯圖所難以執行的複雜計算；並搭載更直覺且人性化的操控介

面與程式，不僅讓使用者方便操作，也能銜接工業 4.0，隨時監控機器狀態、預防性維護，並掌握製程的即時數據。

### 整合性解決方案服務

從一開始的現地訪查、採樣，提供客戶基本的事業廢棄物分析及試烘服務，進而提出合適的解決方案，並從中協助整合廢棄物處理及資訊系統。

## 專注循環技術研發，傳產創新升級

「臺灣製造，業界標竿，走向國際，永續環保」，二方企業將研發中心根留臺灣，百分百在地臺灣製造，立志成為業界的標竿，並且將多樣化的熱泵乾燥設備推廣至不同產業及國家，讓節能減碳不只是口號，能實際被落實在各個產業聚落。

在公司的發展過程中，始終將傳統產業的產業升級視為目標之一，希望透過持續地技術研發，創新的技術價值及供應鏈整合，讓深植臺灣的深厚技術力能夠持續的向前走並轉動下去。



Traditional Industry Category -  
The Gold Award

Dilemma Co., Ltd



二方企業股份有限公司

## Eco-friendly, energy-efficient heat pump solutions for a better environment.

Founded in November 2014, Dilemma Co., Ltd., with eco-friendly reutilization and circular economy at its core, centers around heat pump and drying technologies, engaging the research and development of equipment in this regard. The R&D results are applied to services in chemical-engineering, environmental-engineering, agriculture, and manufacturing. The primary service items are heat pump drying equipment dedicated to industrial waste management (sludge), workpiece drying, agricultural drying, etc.

Aside from dedication to “product development” , Dilemma Co., Ltd. takes “service” as the added value to “products” , offering customers energy-efficient solutions to elevate their satisfaction as well as our competitiveness.

## With “product development + innovative service” differentiation strategy, the traditional industries can also make a different.

### Thermal Mechanics R&D Team

The use of heat pump has been around for years. Nonetheless, in light of the insufficient applications of thermal fluid mechanics in



Taiwan, apart from offering the best energy-efficient solutions to industries, Dilemma Co., Ltd. assembles a group of R&D team of thermal fluid and mechanics expertise, engaging the development of heat pump applications and modification of the mechanism for a breakthrough from the technologies available.

In the midst of development, the team not only has to achieve the objectives of modularization and mass-production availability, but emphasizes on details such as the airtightness and anti-corrosion capability of equipment. Four series of equipment are available. Based on the respective features, they are industrial dryer, commercial dryer, food-grade agricultural dryer, and heat pump thermostatic heating system. With patents applied at home and abroad, the products are in practice suitable for various



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**Established Date** Nov. 18, 2014

**Business Category**

Energy-efficient Heat Pump Condensation  
Sludge Drying System

**Capital** NT\$13,200,000

industries, including textile and dyeing, electroplating, precision electronics, petrochemical engineering, metal manufacturing, automobile manufacturing, biopharmaceutical, dairy processing, food industry, etc.

### Modern Control System

Different from the equipment for the traditional industries back in the day, the team introduced Structured Text programming language of the day for intricate computing tasks catering to the needs of different machines or special requirement that are hard to be executed via ladder diagram. Also, more intuitive and human-centered control interface and programs are available for the ease of user operation while bridging to Industry 4.0, allowing machine status monitoring, preventive maintenance, and access to the data of processes in real-time.

### Integrated Solutions and Services

Starting from on-site visit and sampling, basic industrial waste analysis and trial drying service are available to our customers, so as to provide solutions catering to their needs and assist in the integration of waste processing and IT system.

## Dedication to the Development of Circular Technology and Upgrading for the Traditional Industries

Upholding the principles of “Made in Taiwan; Benchmark for the Industry; Global-oriented, and Environmental Sustainability”, Dilemma Co., Ltd. established its R&D center locally in Taiwan with all products 100% made in Taiwan, striving to set the benchmark for the industry and promote various heat pump drying equipment to diverse industries and countries, so that energy-saving and carbon reduction can go beyond catchphrases and be implemented in multiple industrial clusters.

Along the course of development, Dilemma Co., Ltd. has always been seeing the industrial upgrading in the traditional industries as one of its objectives. With ceaseless investment in the technology development, innovative technology values, and supply chain integration, it endeavors to elevate the technological prowess rooted in Taiwan above and beyond in the days to come.



## 臺灣比爾文化 股份有限公司

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公司網址 <http://headbrewers.com.tw/>

成立日期 2015 年 3 月 10 日

營業項目 精釀啤酒製造及販售

資本額 NT\$8,000,000



### 品精釀節氣啤酒， 飲臺灣四季芬芳

啤酒頭釀造成立於 2015 年的春天，因三位創辦人對釀酒的熱情，結合多方經驗、技術和創意，希望讓消費者接觸到不一樣的啤酒，也要把「臺灣釀造 Brewed in Taiwan」的精釀啤酒帶入世界。

主系列產品－「二十四節氣啤酒」，將東方文化的 24 節氣，以正體中文作成系列產品，把西方的啤酒類型，用臺灣風味來重新詮釋，釀造嶄新的臺灣精釀產品。啤酒頭希望藉由推廣精釀啤酒品飲文化，細細品味美好的臺灣風味，降低豪飲所帶來的社會問題。



用心釀造啤酒之餘，我們也廣泛的與臺灣藝術家合作，推出多款專屬酒標設計的作品。關心土地議題，盡可能的使用在地原物料釀酒，2016 年與行人出版社合作窯口杯計劃，以實際行動支持臺灣本土產業復興。

## 我們釀的不僅是一杯啤酒， 更充滿釀酒人對這片土地的關懷與熱情。

### 新酒 / 產品開發能力

作為臺灣精釀啤酒產業的先驅，在釀造上盡可能使用在地原料，融入臺灣特有的冬瓜茶糖、彰化茉莉花、屏東可可豆、新竹東方美人茶等，釀出具有寶島風情的好喝啤酒。同時亦跨界和不同餐飲品牌做特色風味聯名啤酒，包含：米其林星級餐廳 RAW、王品旗下的青花驕麻辣火鍋、南部燒肉名店碳佐麻里。

### 屢獲世界啤酒大賽獎項，釀造技術已獲國際肯定

為了不斷精進並檢視啤酒頭的釀酒技術，我們連年送作品出國參賽，在美國 WBC、英國 WBA / IBC、日本 IBC / ABC、澳洲 AIBA 與新加坡 ABA 都獲得許多國際大獎，累積至今已獲得 50 餘面獎牌，其中「雨水」與「立秋」分別獲得 2016/2017

世界啤酒大賽 WBA (World Beer Award) 全球最佳啤酒，與 2018 世界啤酒盃 WBC (World Beer Cup) 酒界最高殊榮。

### 專業培養液態 (活) 酵母

酵母為釀造啤酒的重要原物料之一，在酵母實驗室我們有全套紫外線無菌臺、滅菌釜、搖瓶擴培設備與專業酵母菌種保存庫。在即將落成的酒廠內設計了 20 坪專業的實驗室，對於日後酵母菌種的分離、保存、培養，啤酒品質穩定的研發控制，能有更穩定的幫助。

## 建立交通便利的觀光工廠， 親力推廣精釀啤酒文化

啤酒頭除了專注於研發技術，也努力做自有品牌，而這都為了積極奠基自有廠辦合一計畫—打造啤酒頭酒廠為臺灣最值得參觀的精釀啤酒廠。

酒廠位於大臺北捷運站步行可達距離，交通上的先天優勢，加上完整的垂直營運園區，目標不僅是參觀釀酒廠設備、品飲好喝精釀啤酒，更有文化教育的使命，要讓精釀啤酒文化深根在臺灣產業之中。(註：酒廠已於 2018 年動土開工，將在 2020 年中完工，預計於 2020 年下半年正式營運。)



Traditional Industry Category -  
The Gold Award

## Taiwan Head Brewers Brewing Company



### Find the craftsmanship in our beer and taste Taiwan's terroir.

Taiwan Head Brewers Brewing Company was found in 2015 by three beer geeks who were extremely passionate about brewing and sharing great beers. From the beginning, we have been proudly creating outstanding, unique beers with locally grown ingredients, creativity, love, and passion. Since 2015 we have won multiple international beer awards and is being recognized as one of the best craft beer breweries in Taiwan.

### We dedicate our beer to our beautiful homeland – Formosa, Taiwan.

#### A Passion for Brewing.

Taiwan Head Brewers Brewing Company is a true pioneer in Taiwan's craft beer industry. We experiment with different locally-grown ingredients in our beer, including winter melon sugar, jasmine flowers from Changhua, cocoa bean from Pingtung and Oriental Beauty tea from Hsinchu. We also believe great beer and great food are the best companion, and as a result, we have created several special brews for highly admired local restaurants, such as Michelin 2-starred restaurant "RAW" and Chinghuajiao Hotpot under most famous restaurant group- WowPrime.



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**Website** <http://headbrewers.com.tw/>

**Established Date** Mar. 10, 2015

**Business Category**

Craft beer brewing and selling

**Capital** NT\$8,000,000

### More than 50 international beer awards

Our goal is to become a world-class brewery, and we continue to improve our brew technique with world-class standards in mind. We have participated in and won more than 50 international beer awards, including our “Rain Water” -2016 World Beer Award (WBA) World Best Experimental Beer, “Start of Autumn” -2017 World Beer Award (WBA) World Best Flavoured Herb & Spice, and 2018 World Beer Cup - American (WBC) Herb and Spice Beer Bronze.

### A Passion for Yeast and Fermentation

Yeast is the most important ingredient in making beer. Due to this, we have established our own liquid yeast company “Yes Yeast” to

propagate the best quality yeast and provide ready-to-pitch package to other microbreweries and homebrewers in Taiwan. Our new brewery will feature a top-tier QC and Yeast Lab to help us continue to expend our knowledge in yeast development and also provide top quality products to our fellow brewers.

## Our new brewery will become the new landmark in Taipei.

Our new brewery in Taipei broke ground in 2018 and is scheduled to open in mid-2020. The new brewery will provide our customers with knowledgeable staff, brewery tours, beer history education, and the unique experience of tasting the freshest beer from our fermentation tanks. We are looking forward to becoming the new must-visit landmark in Taipei.





## 香港商科科串流 股份有限公司

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成立日期 2016 年 2 月 18 日

營業項目 資訊軟體服務、資料處理服務、  
電子資訊供應服務、研究發展服務、  
資料儲存媒體製造及複製、資訊軟體零售、  
智慧財產權、管理顧問

資本額 NT\$9,000,000



### 掌握影音技術核心 瞄準日本串流商機

KKStream 是全球領先的 OTT (Over-The-Top) 影音串流科技公司，總部位於臺北，研發團隊跨臺北與高雄，同時在東京設有營運據點。提供企業客戶全方位串流解決方案與專業顧問服務，聚焦在日本市場，結合百萬會員等級的影視產業串流技術 (Premium Video Content) 與高效穩定的營運品質，滿足多元領域的產業應用，服務客戶涵蓋電信業、有線電視服務業、連鎖零售業及內容提供商。



KKStream 成立於 2016 年，致力於研發影音串流服務 (Streaming)，透過卓越技術能力和紮實產業知識，達成影視產業根據串流內容制定的最高標準協定，包含支援新世代編碼格式、融合式內容傳遞網路 (Multi-CDN) 以及多平臺的數位版權管理 (DRM)，協助企業客戶有效控管成本兼顧版權保護，提供高品質且流暢的串流影音給付費會員，進而擴大市場競爭優勢。

## 融合 A.B.C. 技術優勢 研發獨家解決方案

KKStream 以「Streaming Platforms Redefined」為核心，運用人工智慧 (AI)、數據分析 (Big Data) 以及雲端運算 (Cloud Computing) 三大技術，結合產業知識，研發出多項創新影音串流服務，成為市場上少數能夠提供影音串流一站式平臺服務的技術公司：

### VOD Encoder 影像編碼

憑藉革命性技術，VOD Encoder 能同時節省運營成本以及改善用戶體驗。此解決方案能超越傳統硬體編碼器的限制，透過雲端運算實現無限的影像編碼，更有效率地轉檔出兼容所有主流設備的格式。此外透過 KKStream 自行研發的演算法，打造出創新的影片壓縮與影像增強技術，因此能用更小的檔案容量呈現更高的畫質，進而讓使用者獲得最佳的影音串流體驗。

### Linear Streaming 線性直播串流

提供 LIVE 活動或 24/7 IP 串流影音，同時具備可靠性和彈性。觀眾可以通過各種智慧聯網設備以低延遲享受高品質的直播內容。

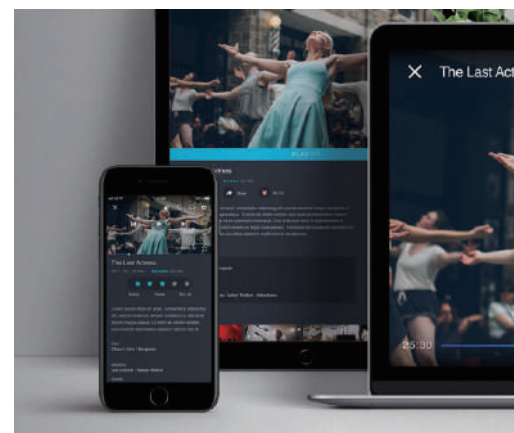
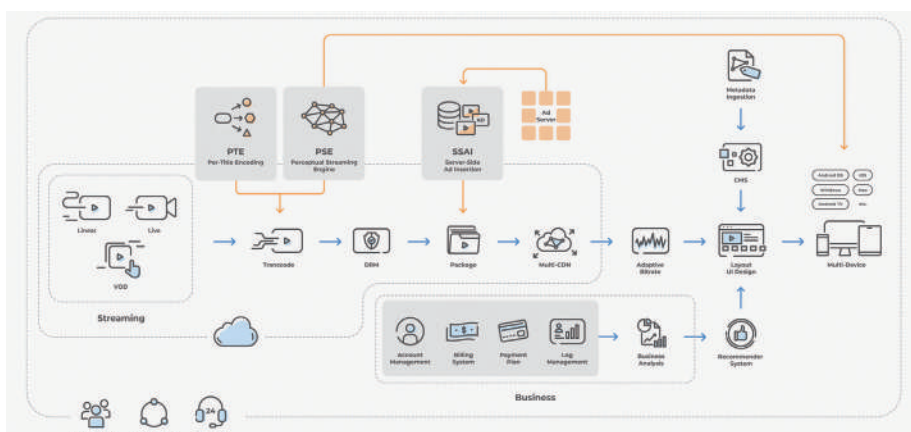
### Music Streaming 音樂串流

一站式音樂串流解決方案及顧問服務，延伸 KKBOX 近 15 年亞洲市場服務經驗，結合市場戰略、設計理念、品牌推廣、定價策略以及音樂曲庫授權，為客戶全方位打造出專屬的音樂串流平臺。

## 鼓勵犯錯培養創新 DNA 打造頂尖影音串流體驗

KKStream 總裁 Eric，曾任 KKBOX 技術長，藉由從音樂串流累積的技術經驗，延伸到影音串流，帶領 KKStream 從深厚的技術能量出發，透過「鼓勵犯錯」的公司文化，培養出創新態度和想法，讓團隊在充滿挑戰的環境中持續成長。

自成立以來，KKStream 以服務超過百萬的會員平臺營運成果，並成為亞馬遜雲端運算服務 (Amazon Web Services；AWS) 技術類別中最高級的合作夥伴 (Advanced Technology Partner)，展現堅實的技術能力，此外，經由深入了解市場發展，KKStream 還能提供客戶面對市場挑戰所需的策略顧問服務，進而為企業打造出跨時代的影音串流平臺，讓全世界的付費訂閱用戶能夠隨時隨地、隨心所欲享受串流影音的美好體驗。



Knowledge-based Services Industry Category-  
The Gold Award

## KKStream Limited



### Master streaming technology to target the Japanese market

KKStream is the world's leading OTT video streaming technology company. Headquartered in Taipei, KKStream has R&D departments in Taipei and Kaohsiung and an office in Tokyo. KKStream provides enterprises with full-scale streaming solutions and professional consulting services. Focusing on Japan market, KKStream combines premium video streaming technology at millions-member level and highly stable operation quality to fulfill industrial needs in diverse fields. Our customers include telecommunications operators, broadcasters, chain retailers, and content providers.

Founded in 2016, KKStream committed to the research and development of streaming services. Through superior technical capabilities and solid industry knowledge, KKStream reaches the highest standard agreement for streaming contents in the audiovisual industry, including supporting new-generation multi-codec formats, multi-CDN, and multi-platform DRM to help achieve effective cost management and copyright protection. Supporting to deliver high-quality and smooth streaming videos to paid users, KKStream helps our customers expand competitive advantage in the OTT market with ease.



### Integrate technology advantages to develop exclusive solutions

With "Streaming Platforms Redefined" as the core value, KKStream employs three major technologies—AI, Big Data, and Cloud Computing, and cultivates innovative technological talents, develops in-depth industrial streaming applications. KKStream has become one of the few technology companies on the market that can provide one-stop online video platform services.

#### VOD Encoder

Reduce cost by saving bandwidth, while still deliver extraordinary viewing experiences



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**Established Date** Feb.18, 2016

**Business Category** Software Design  
Services 、 Data Processing Services 、 Digital  
Information Supply Services 、 Research  
Development Service 、 Data Storage Media  
Manufacturing and Duplicating 、 Retail Sale of  
Computer Software 、 Intellectual Property 、  
Management Consulting Services

**Capital** NT\$9,000,000

with Per-Title Encoding and Perceptual Streaming Engine. Powered by our revolutionary technologies, KKStream VOD encoder is the smartest choice for anyone who wants to stream more cost-effectively while maintain the high viewing quality. Going beyond the limit of conventional hardware encoders, our cloud-based encoder can encode unlimited amount of videos into a format compatible with all mainstream devices fast and efficiently.

### Linear Streaming

Built for broadcasters and publishers to provide live events or 24/7 IP linear streaming with reliability and resiliency. Viewers can enjoy high-quality live contents with low latency via Internet-connected multiscreen devices, such as mobiles, tablets, and IPTV.

### Music Streaming

On-demand audio or Radio, KKStream provides comprehensive music streaming solutions that combine high quality and astonishing music experiences.

## Encourage mistakes cultivates innovative DNA to create a top video streaming experience

Eric Tsai, KKStream President, who served as KKBOX's chief technology officer, extends the technical experience accumulated from music streaming to video streaming. Therefore, from the deep technical energy, through the corporate culture of “encourage mistakes”, KKStream has built an innovative spirit that allows team members to continue to grow in a challenging environment.

Since the company's inception, KKStream was certified as an Advanced Technology Partner of Amazon Web Services and has been operating platforms with millions of members, demonstrating solid technical capabilities. Through in-depth understanding of market development, KKStream provides comprehensive strategic advisory services and creates cross-generation platforms for enterprises, enabling paid subscribers around the world to enjoy streaming videos anytime, anywhere.



## 偉薩科技有限公司

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成立日期 2015 年 9 月 22 日

營業項目 大數據加速處理器解決方案 DNA  
基因定序加速一體機整合方案

資本額 NT\$10,700,000



### 偉薩科技 - 提供加速服務於數據中心系統架構與基礎建設

偉薩科技成立於 2015 年，專注於基於 FPGA 架構的高效能運算服務，針對具有大量且快速產生科學資料的垂直應用，提供高效能數據分析（HPDA）加速技術給未來數據中心。偉薩科技利用加速處理大數據的高效能運算技術，增強並推進科學探索與科技研發。我們將軟體架構整合到硬體 FPGA 卡架構上，同時加速並優化資料處理平臺，形成獨特的「軟硬體整合」解決方案。我們的解決方案能大量縮短資料處理時間，使多數企業受益。我們期望未來 FPGA 加速技術能廣泛



的應用於大數據產業，如物聯網、車聯網與加速服務 (AXaaS)，相信我們所提供的服務將成為未來大數據分析發展的關鍵要素。

## 提供加速服務，迎向未來大數據世代

偉薩科技提供基於 FPGA 卡架構的大數據分析加速平臺。解決方案包括針對大數據領域的 Apache Hadoop™ 與 Apache Spark™，以及針對生物醫學領域的次世代基因定序的次級分析，我們的技術能提升 2~6 倍不等的性能與提高 30%~200% 的能源效率。透過偉薩科技加速平臺，不僅能提高數據處理性能也能降低功率消耗，減少數據中心營運的總體擁有成本 (TCO)。偉薩科技 FPGA 加速應用領域包含大數據雲端服務、人工智慧、電信通訊、互聯網和生物醫療服務 - 使精準醫療領域客戶受益匪淺。

其中一項產品，WASAI Lightning，能有效解決次世代基因定序次級分析耗時問題。我們提供次級分析中使用的原生演算法與保留原生操作方式，讓客戶無痛接軌。使用 WASAI Lightning，能使基

因分析管道處理時間，從近 33 小時大幅降低至 7 小時以內。由於是加速原生演算法效能，使分析結果和原有軟體呈現一致的精準度。

## 加速技術定義次世代資料處理

在即將到來的未來，5G 技術將廣泛運用在智慧醫療、智慧工廠與智慧城市的數據收集應用中。企業藉由大數據分析與 AI 應用，能提供更好的服務給大眾。而偉薩科技期望提供大數據加速服務，為數據量遽增的企業提供更高效能、成本更低的解決方案。

同時，我們將繼續招募年輕的科技人才，提供大學與研究生的實習機會，致力於大數據加速解決方案的開發與優化。透過整合軟體與硬體性能來建構我們的核心產品，改善產品服務網絡和生態系統。

透過基於 FPGA 的加速服務，我們能提高生活品質使世界變得更美好。亦如我們的使命中所述：「我們為你生活中的數據加速」。我們希望成為臺灣大數據產業的關鍵指標和典範，並擴展到全球市場以加速全球智能的發展。



Knowledge-based Services Industry Category-  
The Gold Award

**WASAI**  
Technology Inc.



## **WASAI- We Accelerate System Architecture & Infrastructure**

WASAI Technology was set up in 2015 aiming to provide high-performance computing with the assistance of FPGA card, which benefits in High-Performance-Data-Analysis (HPDA) for future data centers by shortening the processing time of vertical applications with massive volumes and high velocity of scientific data. We target on unique solutions for the software/hardware co-design integration with the hardware assistance of FPGA card and both the acceleration and the optimization of the data processing platform. Our solution can benefit data emerging enterprises by shortening the processing time. We expect to apply our FPGA acceleration technique to prospering big data industry, like IoT, IoV,

and by implementing AXaaS (Acceleration as a Service), what we provide will undoubtedly become the key factor to the development of future big data analysis.

## **Acceleration as a Service For Future Big Data Era**

WASAI Technology provides a big data acceleration platform based on Field-programmable gate array (FPGA) card. Our solutions consist of Apache Hadoop™ and Apache Spark™ systems for the big data field and secondary analysis of next-generation sequencing for the biomedical field, brings in 2x to 6x performance boost and increase 30% to 200% power efficiency.

With WASAI acceleration platform, systems may



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**Established Date** Sep. 22, 2015

**Business Category**

Big Data Acceleration Solution

All-in-One DNA Sequence Accelerated  
Solution

**Capital** NT\$10,700,000

achieve extremely high performance in data processing and low power consumption, which together reduce total-cost-of-ownership (TCO) of data center operation. The application domains of WASAI FPGA acceleration include big data cloud service, AI, telecom, IoT and biomedical services—which substantially benefit customers in the field of precision medicine.

One of our products, WASAI Lightning was developed to solve Next-Generation Sequencing secondary analysis time-consuming problem. We provide the same interface as native algorithm does to make the user's migration seamless. With WASAI Lightning, germline analysis pipeline processing time can be reduced from nearly 33 hours to less than 7 hours. Because we provide acceleration in native algorithms, the accuracy is consistent with the original software.

## Acceleration Technology Defines Next Generation Data Processing

In the upcoming future, 5G-technology will be widely adopted in the applications of Smart Healthcare, Smart Factories and Smart Cities for data collection. Through big data analytics and AI applications, enterprises can provide better service to everyone with business analytics and intelligence. WASAI aims to offer Big Data Acceleration solution to provide better performance and cost-effective solution to enterprises dealing with the booming data.

Meanwhile, we will continue to recruit young technical talents, provide internship opportunities for students in university and graduate school, and dedicate on development and optimization of big data acceleration solutions. Combine software and hardware integration capabilities to build core products, improve product service network and ecosystem.

Through FPGA-based acceleration service, we can make the world a better place with quality of life. As stated in our mission statement, we accelerate the data for your life. We hope to become a key indicator and a new model in Taiwan's big data industry and expand to a global market into accelerating the development of global intelligence.



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公司網址 <http://www.jubo.health/>

成立日期 2018 年 8 月 30 日

營業項目 Jubo 長照機構數位化解決方案

資本額 NT\$75,004,000

## Jubo.health 智齡科技

### 研發新世代的照護科技產品與服務模式

智齡科技於 2018 年成立新創，公司前身為臺灣大學康仕仲教授帶領的臺大研究團隊。智齡科技專注於長照情境的雲端服務與資料科學技術，2018 年底，智齡科技的「Jubo 長照機構數位化解決方案」產品上市，在 2019 年 Jubo 機構數位化方案便成功落地於 27 家長期照護機構，紀錄超過 3,000 位高齡住民的日常健康資訊。智齡科技目前也同步發展居家照護情境的數位解決方案，並預備將服務推廣至海外市場。Jubo 長照機構數位化解決



方案，於 2019 年獲得金漾獎最佳健康照護軟體的殊榮。公司強調企業文化現代開放，重視團隊和自我共同成長。

## 長期照護服務的破壞式創新

智齡科技結合護理、社工與資訊工程的教授群，發展符合華人文化、家人導向式的照護科技。智齡科技利用數位化智慧工具，協助照護者增加生產力、使家人更容易參與到照護過程，並且降低成為照顧者的進入門檻。

智齡科技的「Jubo 長照機構數位化解決方案」產品包含：

1. IoT 照護推車 - 應用於床邊生命徵象自動量測，並簡化生命徵象的反覆紀錄流程。
2. 智慧護理系統 - 利用智慧輸入，協助提升護理紀錄的正確性與紀錄品質。

3. 機構管理聊天機器人 - 以 LINE 作為使用終端介面，輔助機構管理人員達到即時、有效率的機構管理。

4. 家人溝通聊天機器人 - 使家人更容易參與照護過程，了解照護狀況。本產品已申請 12 項專利，包含 3 項發明、7 項設計、2 項商標等專利。

## 串連數據資料，連結人性溝通

在臺灣、香港、新加坡、南韓等國家，老年扶養比在未來 20 年內，將從 1:4 升為 1:2。如依照現有服務模式，未來將有近 5 成的高齡者無法找到照護服務提供者。考量家庭在亞洲文化的重要性，智齡開發了 Jubo 健康照護資訊平臺，平臺連結了照護專業者、高齡者及其家人間的資訊傳遞。我們相信運用科技與資料科學，可使照護需求的溝通更順暢，讓照護回歸人與人的溫暖互動。



Knowledge-based Services Industry Category-  
The Gold Award

## Smart Ageing Tech Co., Ltd

# Jubo.health

智齡科技



### Provides a better care environment.

Smart Ageing Tech spins off from a research team at National Taiwan University led by Prof. Shih-Chung Kang in 2018. The company provides cloud healthcare platform and data science services to facilitate long-term care. In late 2018, Smart Ageing Tech launched its first product: Jubo Facility Solution. In 2019, Jubo facility solution has been deployed in 23 long-term care facilities, serving more than 3000 elderly. Smart Ageing Tech is going on developing its second product in the home care market, and also preparing to provide the services in overseas markets. Jubo Facility Solution is awarded as the best healthcare software (金漾獎) in 2019. The working environment of Smart Ageing Tech is open with an emphasis on employees' self-development.





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**Established Date** Aug. 30, 2018  
**Business Category** Jubo Facility Solution  
**Capital** NT\$75,004,000

## Disruptive Technology in Long-term Care

Smart Ageing Tech is focused on developing healthcare technology that applies in various long-term care scenarios. Considering family-oriented culture in Asia, we create Jubo healthcare platform that connects the care professionals, the senior and the family. Smart Ageing Tech provides digital services to increase the productivity of caregivers, engage the families to reduce the dependence of caregivers, and lower the bar to serve as caregivers by the help of smart devices.

Our solution includes four parts:

1. IoT trolley: to reduce the efforts on the measurement of vital signs at the bedside.
2. Smart Nursing Information System: to increase

the quality and accuracy of the nursing record through smart input interface.

3. Facility Management Chatbot: to facilitate real-time and effective management via integration with LINE.
4. Family Communication Chatbot: to enhance the family engagement in long-term care. These products have filed 12 patent applications, including 3 invention, 7 design and 2 trademark patents.

## Connect Data. Connect People.

In Taiwan, Hong Kong, Singapore, South Korea, the elderly dependency ratio will be doubled from 1:4 to 1:2 in the following 20 years. 50% of the elderly may have difficulty finding the caregivers if we do not change the methods of caregiving. Considering family-oriented culture in Asia, we create Jubo healthcare platform that connects the care professionals, the senior and the family. We believe care communication can be facilitated by the use of technology, and a warm and inviting care environment can be created.



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成立日期 2018 年 3 月 21 日

營業項目 運動員與教練的育成加速器

1. 科學化運動訓練（駐點、派遣、長期隨隊）
2. 運動科學教練培訓系統（實體課程、影音課程）
3. 國際鏈結與顧問服務（賽事規劃、移地訓練、旅外諮詢、國際資源對接、運動科學產品類驗證等）

資本額 NT\$10,021,000



### PEAK FORCE

## 掌握人才 = 掌握市場：創立國際級運動科學教練培訓系統

蓬勃國際的母公司創立於 2007 年，於 2011、2012 在臺舉辦了兩場大型阿格西表演賽，奠定舉辦國際賽事基礎，也讓國際網球運動圈人脈開始生根發芽。2013 年與美國奧林匹克訓練基地合作，導入運動科學訓練法，強調監測與數據的重要性，讓運動員不再圈囿於土法煉鋼外，更相當重視臺灣運動科學專業人才的養成，致力於辦理運動科學教練培訓課程、研討會。關注從根札起的重要性，蓬勃國際注重基層運動員與教練的養成，多年來，已成為許多運動項目之職業選手、各級學



校隊伍、各國代表隊所指定的科學化訓練合作團隊，客戶版圖涵蓋越南、印尼、韓國、中國、歐美等世界 20 多國代表隊，服務過的國內外運動員訓練與教練培訓人數，超過 5,000 人次，已累積豐富經驗、絕對實力、充足經營能量，及豐沛國際資源。

2018 年，我們憑藉扎穩的根與深耕臺灣超過 10 年的能量，開始擴散枝枒，成立「蓬勃國際」並創品牌「PEAK FORCE」，聚焦「運動員」與「教練」所需的育成加速服務，為目前全亞洲唯一「提供國際化鏈結與培訓系統完整的民營版國訓器」。

## 掌握人才 = 掌握市場：創立亞洲唯一運動科學教練培訓系統

蓬勃國際憑藉扎穩的根與深耕於臺灣超過 10 年的能量，主推科學化運動訓練服務與打造運科教練培訓系統，已具備五大創新思維與競爭力：

### 1. 產業率先

推出完整的運動科學訓練機制，提供「運動科學教練＋物理治療師」，以科學實證為基礎的訓練，協助提升運動成績表現、避免運動傷害。除在臺灣市場自營場域及駐點（運動場館、醫療院所）服務外，也派遣運動科學教練至各地／各國奧運國家隊、職業隊、專業隊，長期隨隊服務與短期派駐調校。

### 2. 市場指標

運動科學教練培訓與認證系統，由蓬勃國際 CEO 佐藤公威博士主導開發，將美國大學運動科學基礎課程及奧林匹克訓練基地的運科與教育卓越中心成果，彙整編制，因結合實務累積與長期數據分析支撐，成為難以複製的重要核心競爭力之一。自 2018 年 Q3 開辦培訓課程至今，已於亞洲各地舉辦至少 50 堂課，目前亦著手製作影音課程。

### 3. 創新先驅

已樹立專業高度的蓬勃國際，特別將科學化運動訓練模式，導入醫療體系之骨科術後復原訓練與大健康市場之慢性病（糖尿病、高血壓病友）運動訓練，從對應頂尖運動員到一般亞健康民眾，

嘗試市場水溫與擴大服務對象，獲醫療院所肯定與合作，成為產業先驅。

### 4. 業界首推

培訓課程學員經考試肯定，可保證媒合工作與保障就業機會。

### 5. 亞洲唯一

提供運動員與教練生涯完整發展規劃服務，如：競技運動成績表現、比賽規劃、國際化與海內外資源鏈結，及運動員轉任教練之培訓、教練再教育培訓課程等。

## 根植臺灣、放眼亞洲，成為「亞洲第一運動科學訓練品牌」

蓬勃國際針對臺灣運動的困境做出突破性的改革，不僅透過「科學化運動訓練」、「運動科學教練培訓系統」，使運動員及教練的發展更加長遠，長期目標為根植臺灣、放眼亞洲，成為「亞洲第一運動科學訓練品牌」。願景則為藉此深植運動文化，影響一般民眾對於運動認知的提高，進而在「亞健康族群健康管理」、「運動處方箋之專業分工」、「運動產業發展與國際化」、「製造業服務化與升級創新」等面向，促進全民健康生活、運動醫學、亞洲運動產業、以及產業創新升級做出呼應，而由此回歸至蓬勃的核心價值「以運動科學為方法、科學證據為基礎、以運動改變臺灣」。



Knowledge-based Services Industry Category-  
The Gold Award

## Peak Force International Inc.

### Privatization national sports training center

Peak force was founded in 2007. In 2011 and 2012, we hold two large Agassi exhibition matches, which laid the foundation for holding international competition and prolongation relation of tennis. In 2013, cooperation with the US Olympic Training Base, introduced the Sports Science Training Method, emphasizing the importance of monitoring and data, the athletes no longer stuck in the old way to practice, and we committed to training sports science professionals, hold Sports science training courses, seminars. We care about all the basic level athletes and coach, over the years, we have become a scientific training cooperation team designated by professional athletes of various sports, all levels of school teams and national teams. Including Vietnam, Indonesia, South Korea, China, Europe, and the United States and other countries in more than 20 countries. The number of coaches we have served has exceeded 5,000. It has accumulated rich experience, absolute strength, sufficient business energy, and abundant international resources. In 2018, depending on the energy over ten years by. We established the brand "PEAK FORCE", focusing on the training of "athletes" and "coaching". We are currently the only Privatization national sports training center in Asia.

### Creating the Only Sports Science Coach Training System in Asia.

With the energy that has been accumulating in Taiwan for more than 10 years, the company has



## PEAK FORCE



promoted scientific sports training services and created a training system for coaches. It has five innovative thinking and competitiveness:

#### 1. Industry-leading

Introduce a complete sports science training mechanism, provide "sports science coach + physiotherapist", training based on scientific evidence to help improve athletic performance and avoid sports injuries. In addition to the Taiwan market, sports science coaches are also dispatched to local/national Olympic national teams, professional teams, long-term team services, and short-term assignments.

#### 2. Market Indicators:

The Sports Science Coach Training and Certification System, developed by Dr. Sato Kazuo, CEO of the Peak force international community, will compile the results of the



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**Website** <https://www.facebook.com/PeakForce/>

**Established Date** Mar. 21, 2018

**Business Category**

1. Scientific sports training
2. Sports Science Coach Training System
3. International chain and consultancy services

**Capital** NT\$10,021,000

American University Sports Science Foundation Course and the Olympic Training Base's Transportation and Education Center of Excellence. combine practical experience and long-term data the system had become one of the important core competencies that are difficult to replicate. Since 2018 Q3 open the start of the training course, at least 50 classes have been held in various parts of Asia, and audio-visual courses are currently underway.

### 3. Innovative pioneers

Peak Force has been Established a professional ,we especially Introducing the scientific movement into the medical system about Orthopedic rehabilitation training and the chronic health (diabetes, hypertension patients) sports training, from the top athletes To the general sub-health people, try to expand the service target, we are recognized and cooperated by

the medical institution to become an Innovative pioneers.

### 4. The industry's first push

Pass the training course and confirmed by the exam, the apprentice is under the protection of employment opportunities.

### 5. Asia's only

Provide athletes and coaches career complete development planning services, such as athletic performance, competition planning, internationalization and resource links with abroad, and athletes' coaching training, and re-education training courses.

## Asia's No. 1 Sports Science Training Brand

Peak Force has made breakthrough reforms in the predicament of the Taiwan movement. Not only through the "scientific sports training" and "sports science coaching training system", but the development of athletes and coaches has also become longer-term. The goal is to root in Taiwan and look to Asia. Being "Asia's first sports science training brand." The vision is to influence the general public's awareness of sports and promote the healthy life of whole people, sports medicine, Asian sports industry, and industrial innovation and upgrading, and thus return to the core value "based on sports science, scientific as evidence, the sport will Change Taiwan."



## 他群股份有限公司

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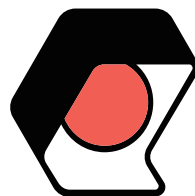
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成立日期 2014 年 6 月 10 日

營業項目 社會議題遊戲、議題遊戲工作  
坊、議題遊戲化

資本額 NT\$12,500,000



他群

### 什麼樣的生活，能創造一群人的理想社會？

他群：心中有他人的社群。

我們是將公共議題遊戲化的體驗設計公司，相信透過遊戲，可以陪伴更多人一起探索心目中「美好社會」的樣貌，進而成為社會更往前一步的動力。



## 成立故事

### 踏上《夢想之道》

最開始的他群，只是個小小的團隊。幾個對於自我、社會感到有些迷惘的朋友，想要透過不一樣的方式，帶給和我們一樣不知所措的年輕世代，一個重新認識自己的管道。

2014 年，一款關於生涯探索的桌遊《夢想之道》悄悄誕生，我們與創致工作室合作，期待用有趣的遊戲，開啟玩家對生命旅程的好奇。創造「好玩」的思考管道，是我們最初的目標。

### 開啟《議想世界》的大門

關注自我探索之餘，我們也不斷在尋找，還有什麼主題，能為玩家帶來「不只是遊戲」的收穫與樂趣。

「社會議題」，是我們找到的鑰匙。

經歷無數次發想，2016 年，我們打造《議想世界》（由阿普蛙工作室參與討論及測試），讓玩家能自由地切換不同的立場發聲、對話。這一次，我們讓社會議題的討論更活潑了！

研究與討論眾多議題的過程中，他群也不斷探索自我的定位。我們發現，接觸社會議題，除了替社會帶來不一樣的影響，那股想要「了解」的能量，也能讓每一位參與者，又更認識自己一點。

### 《烏托邦賽局》中創造對話

2017 年，長時間的沉澱後，他群第一款獨立募資的桌遊《烏托邦賽局》粉墨登場。

在這場賽局中，我們試圖打破階級與意識型態的隔閡，除了帶領玩家認識議題，更進一步，要透過遊戲建立讓陌生的玩家也能安心坐下，好好「對話」的情境。

一場一場遊戲中迸發的火花，使我們漸漸相信「對話」真的具有改變的力量！而這份力量，正是打破社會僵局的最佳解答。讓「有力量的對話」變得更輕鬆、有趣，是如今的他群努力的使命。

### 一場永無止境的探索

一路走來，他群最想問的始終是同一個問題：

「究竟怎樣的生活，才能創造一群人的理想社會？」

每個人心中都有一幅美好社會的圖像，而我們相信，當每一個「我」的理想聚在一起，將能拼出一幅更完整、屬於「我們」的共同想像。

直到現在，他群仍然不停地在摸索答案，但希望每一個有興趣參與這場社會實驗的你，一起加入我們尋找烏托邦的旅程。

## 議題遊戲 - 《烏托邦賽局》帶來的社會影響力

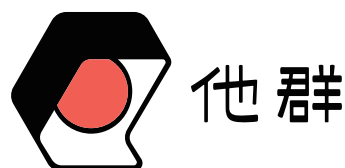
有一次，在遊戲開始前，我們請大家討論心中所認為的「公平」是甚麼？這時 S 先生就跟他旁邊左派立場的 A 小姐說：「資本主義就很公平，過不好的人是因為不夠努力。」於是兩人各執己見，無法展開對話。

到了遊戲進行中，S 先生沒有拿到好的機會，看到有人已經開始賺大錢，自己落後許多，隨著時間差距越來越大。他慢慢開始意識到，或許資本主義好像沒有他想像的這麼美好，並開始跟 A 小姐對話：「我們兩個都過得不太好，我們一起改變這個社會。」工作坊結束後，他過來跟我們說：「他發現他的人生很幸運，因為祖輩做對一些事情，讓他可以生活的這麼舒服。」



Micro-enterprise Category -  
The Gold Award

Taqun Inc.



## What kind of lifestyle is fitting for building up an ideal society for people?

Taqun (Mandarin Chinese) means “a community looking out for others” .

As an experience design agency, Taqun specializes in gamification of public issues.

With games, we accompany our users and players on their journeys exploring the pictures of a “great society” , and illuminate the ideas for positive social influences.

## Our Story

### First step on The way of the Dream

In the beginning Taqun was a small studio, founded by a group of friends that held questions to the society and bewilderment of life at their early career stage. The team aimed to open a distinctive channel for the young generation identified with the sense of self-questioning to learn about themselves. In 2014, the board game about career development, The way of the Dream, came out. We partnered with Crechi Studio and aspired to trigger the players’ curiosities of different life journeys. To create fun ways of thinking was our primary goal.

### Welcome to Whims Wham the World!

Besides self-exploration, Taqun kept researching and targeting the other potential topics from which our players might be interested to dig out fun and learning outcomes both inside and outside the games.

Later, we found the key, public issues, to the door of these topics. In 2016, we launched



Whims Wham the World (concept co-developed with and co-tested by Wa’ s UP Studio) that allows its players to freely exchange their opinions of a variety of public issues and switch their stands to try to understand the others’ voices. Rewardingly, our efforts to bring vigorous dynamics into the debates of serious issues paid off.

The progress of researching and discussing a diversity of issues was also a re-exploration of the direction and social position of Taqun. Consequently, we realized that awareness of societal issues not just stimulates social changes, but awakens each participant’ s power of desiring to understand that helps them appreciate themselves.

### Open conversations in Game of Utopia

After a long period of preparation, in 2017 Taqun’ s first self-funded board game,



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**Established Date** Jun. 10, 2014

**Business Category**

Social issue game, game design

**Capital** NT\$12,500,000

Game of Utopia, came out as a crowdfunded project.

In the game, we attempted to break the boundaries between social classes and ideologies, and guided the players to be in contact with the concerning issues. Further, we endeavored to reach the goal of creating a safe space for players, even unacquainted persons, to have real conversations via the game.

The intellectual sparks fueled in each game assured our belief that the power for change comes from conversations, and it holds the key to reconciliation as encountering a deadlock. Taqun's ongoing mission, therefore, is to explore and secure the easy access and intriguing settings for the public to engage in the debates that could generate a strong power for change.

### An expedition beyond limits

Taqun has been always asking the question, "What kind of lifestyle allows a community to establish their ideal society?"

Everyone has a picture of great society in mind. We have a faith that the pieces of every individual's ideals could be connected to complete a greater picture shared by each one of a community.

We have been traveling all the way and will keep on to collect these pieces, and hopefully, anyone who is interested in this social experiment comes to join our fellowship.

## A Game Tackling Societal Issues: Social Influences of Game of Utopia

Once, before the game started, we opened a discussion pool for the participants to talk about what "fairness" is. Mr. S made his point to Miss A, who held a stand of left wing, "Capitalism is fair. Some people don't live well because they pay less efforts." They dug in their heels and could not open a conversation.

During the game, Mr. S did not grasp any good chance to obtain resources and scores. Seeing some players had built their wealth and the gap became bigger as the game went on, he gradually realized that perhaps, capitalism is not as wonderful as what he fancied. Mr. S then proposed to Miss A, "We both suffer and struggle for living. Let's reform the world together." At the end of the workshop, he told us that he found himself so lucky to be born sheltered by a good family, so that he had been able to live in a comfortable environment.



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成立日期 2016年9月26日

營業項目 物資捐贈媒合服務、物資募集與  
行銷活動、企業 CSR 公益合作  
策展與執行。

資本額 NT\$2,000,000



### 最佳智慧化物資整合平臺

艾谷思享創股份有限公司 (iGoods Co., Ltd.) 以「重新找回人與物的美好關係」為願景，透過各式創意且專業的物資分享解決方案，促進更多的閒置資源流動與連結，並建構物品循環生態圈為其帶來新的價值。旗下品牌包含「iGoods 愛物資」透過科技應用與智慧媒合，建置開放與信任的物資分享平臺，針對個人或企業客戶，提供專業的資源媒合與公益行銷策展服務，以及「好物拍拍」次級品販售循環計畫等。



## 透過創意且專業的物資分享解決方案，促進更多的閒置資源流動與連結

「iGoods 愛物資 - 物資分享平臺」為臺灣第一個應用電商模式建立捐物媒合服務的平臺，依據捐贈者不同需求提供專業的捐物服務，主要透過線上網站揭露即時且正確的物資募集資訊，提供個人或企業進行查詢與認捐登記，與受贈單位共同執行物資募集管理，運用系統有效減少捐錯過剩及資源不均的問題，進一步推廣與教育大眾物盡其用、把好事做對的理念。

同時透過關注不同議題的物資募集專案，串聯一般大眾或企業組織，執行各式創新 CSR 專案活動，並提供線下物資募集活動的規劃與執行，共同服務弱勢群體、促進閒置資源流動，創造社會影響力。

## 智慧化運用公益科技的力量，新找回人與物的美好關係

艾谷思享創股份有限公司堅信每一件物品都值得被更好的對待和善用，期望提供各式創意且專業的物資分享解決方案，透過科技應用促進更多的閒置資源流動，為物品帶來新的價值，為人們創造善的連結。目前除了已發展「iGoods 愛物資」物資分享平臺及「好物拍拍」次級品販售循環計畫，未來將針對三個方向進行深度與廣度的發展：

### 1. 大數據 / 人工智慧

透過大數據將供需方做智慧媒合，讓物資捐贈快速、透明，且能減少公益單位成本，更智能化的管理物資。

### 2. 線上線下整合

線上平臺和線下大賣場、超市、愛心食物銀行整合，以及閒置好物交換市集等活動，創造出更多利用價值與連結，有效運用閒置物資促進流動。

### 3. 海外拓點授權

目前已和上海等城市的社會企業、公益團體接洽，發展物資媒合平臺系統輸出與授權顧問，並設計在地物資分享系統與跨國物資援助機制。



Micro-enterprise Category -  
The Gold Award

iGoods Co., Ltd.



## Best intelligent material integration platform

iGoods Co., Ltd. takes the vision of “retrieving the good relationship between people and things” and promotes the flow and connection of idle resources through various creative and professional goods-sharing solutions. We hope that we can construct a goods-cycling system and bring goods new value. Its brand “iGoods”, which through smart technology to establish an open and trusted goods-sharing platform, provides professional resource matching and CSR plan making for individuals or corporate customers. Other services include “Goods-pai - secondary products selling” and so on.

## Facilitate more idle resource flows and connections through creative and professional material sharing solutions.

“iGoods-Material Sharing Platform” is the first online platform which applies of e-commerce model, to establish a material donation matching services in Taiwan. It provides professional donation services according to the different needs of donors. It mainly exposes instant and correct material raise information through online websites. It is providing individuals or companies to conduct enquiries and registration, and jointly implement material



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**Business Category**

Material donation matching services, material collection and marketing activities, CSR public welfare cooperation curation and implementation.

**Capital** NT\$2,000,000

raise management with the recipients (nonprofit organization), use the system to effectively reduce the problem of wrong and excess material donation, and resource inequality, further promote and educate the public to make the best use of it, and do good things.

At the same time, through the materials raise activities which focusing on different social topics, connect the general public or enterprise organizations, will be implemented to implement various innovative CSR project activities. iGoods provide planning and implementation of offline materials raise activities, jointly serve vulnerable groups, promote idle resource flows, and create social impact.

## Intellectual to use the power of public welfare technology to find a new relationship between people and things.

iGoods Co., Ltd believes that every item deserves to be better treated and utilized. We expected to provide a variety of creative and professional material sharing solutions to promote more idle resources through technology applications. Not only create new value to items, but also establish good connection for people.

Currently, in addition to the development of the "iGoods" material sharing platform and the "Goods-pai" secondary product sales cycle plan, the depth and breadth of development will be carried out in three directions in the future.

### 1. Big data / artificial intelligence

Through big data, the supply and demand sides will be smartly matched, making material donations fast and transparent, and reducing the cost of public welfare units and more intelligent management of materials.

### 2. Online and offline integration

Online platforms and offline hypermarkets, supermarkets, love food bank integration, and idle good exchange markets, create more use value and links, and effectively use idle materials to promote mobility.

### 3. Overseas extension authorization

At present, it has approached social enterprises and public welfare organizations in cities such as Shanghai to develop export and authorization consultants for the material and media platform system, and to design a local material sharing system and a multinational material assistance mechanism.



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成立日期 2018 年 5 月 17 日

營業項目 寵物肌膚護理保養用品

資本額 NT\$1,010,000



### 最懂毛孩無法說出的肌膚困擾

晨菱生技是一家在臺灣專注於寵物市場發展的公司，以「歸毛家族 GoodMo Family」品牌拓展全球市場。其特殊之處在於「歸毛家族」結合自身多年來養寵物的經驗與自主的博士研發團隊，切入寵物市場中尚未被滿足的需求：臺灣因屬海島型國家，天氣溼熱，普遍一半以上的毛小孩常遇到肌膚問題，且經常季節性地反覆發作，目前常用的藥性產品或方式仍無法有效解決。

從市場需求出發，團隊將所擁有的技術與經營理念結合，打造出臺灣第一個寵物專櫃級的護理保養品牌，以更天然，更有效，更溫和的方式代替



藥性成分，讓毛小孩的家長可以無比安心的使用，從根本解決毛小孩所會碰到的肌膚問題。

## 無藥性零負擔，溫和有效改善寵物問題肌

「歸毛家族」掌握產品關鍵技術，打造安心、高品質的寵物肌膚護理產品，其三大核心優勢為：

### 「醫學博士研發團隊，結合 30 年再生醫學技術」

擁有獨家博士權威的研發團隊，將毛髮生物學，皮膚幹細胞生物學及蛋白質體學的 30 年研究精華及技術，融入再生醫學技術於寵物用品內，提供細胞在自我更新及修復過程當中真正需要的營養源，強化自主抗體，突破現有產品類型，打造「有感修復」的肌膚護理產品。

### 「與國立學術獸醫院合作，獲得效用認證」

投入產學資源，從 2019 年 1 月開始為期半年，與國立學術獸醫學院進行產品的效用評估，加強品牌的可靠度，同時給予消費者安心的保障。真實的實驗數據佐證更能強調產品在整體寵物市場的競爭優勢，晨菱生技認為經營品牌不論是外在形象或是內在質量，都應該秉持著對消費者負責的態度。

### 「完整顧客服務」之用心

除了在消費者購買前會給予完整的產品解說及使用方法，同時也建立毛孩肌膚狀況的資料庫，持續關心產品的使用狀況。我們相信，跟消費者的連結不僅僅只有產品的買賣，也包含服務的提供。完整的顧客服務建立了消費者對品牌信任的基礎，更透過與消費者的來回對話，深入的傳達品牌理念與價值。

## 「我用十年，寵你一生。」從此，讓毛孩健康快樂的長大。

晨菱生技以穩健的步伐及守護毛孩的決心，逐步建立自身肌膚護理專業形象。除了目前的寵物肌膚護理系列，也將深入跨足至寵物耳道、毛髮、牙齒、保健等各個領域，提供安心有保障的產品，陪伴毛孩健康成長。「歸毛家族」希望從臺灣出發，以落地生根的精神，整合臺灣研發技術與口碑行銷，成為邁向國際的專櫃級寵物保養品牌。

肌膚洗對了，  
回復原始健康肌

改善抓癢皮屑

抗敏溫和

異味退散



Micro-enterprise Category -  
The Gold Award

Chen Ling  
Biotech Co., Ltd.



Shampoo  
犬貓適用

## 以花養膚

防護舒敏 | 調節皮脂分泌 | 滋養毛髮

全台獨家首創



### Solve the Skin Troubles that Lovely Pets can't say

Chen Ling Biotech is a company specializing in the development of the pet market in Taiwan and expands its global market with the “GoodMo Family” brand. The special feature is that “GoodMo Family” combines its mature experiences on feeding pets with independent R&D Team to cut into the unmet needs of the pet market: The weather in Taiwan is hot and humid. Therefore, more than half of pets often encounter skin problems and those problems recur seasonally. However, under medicinal products or methods, lots of pets still can't be effectively cured.

Based on the market demand, “GoodMo Family” looks forward to creating the top class skin care and beauty care products for pets in

Taiwan. “GoodMo Family” hopes to replace the medicinal methods with more natural, more effective and gentler ingredients. Everyone can feel at ease using its products and receive wonderful effects

### Gently and Effectively Improve Pets' Skin Problem without any Side Effect

#### GoodMo Family

creates high quality skin care products for pets on the basis of exclusive formulation for stem cell repair. There are three core advantages.

#### Professional R&D Team specializes in Regenerative Medicine over 30 years

The R&D Team of “GoodMo Family” master hair



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**Established Date** May. 17, 2018

**Business Category**

Skin Care and Beauty Care Products for Pets

**Capital** NT\$1,010,000

biology, skin stem cell biology and proteomics. Hence, based on these researches and resources, its skin care products for pets provide the nutrients that the cells truly need in the process of self-renewal and repair. “GoodMo Family” not only breaks through the existing skin care product types, but also creates a new way to deal with pets’ skin problem without any side effect

#### Cooperate with national academic veterinary organization to obtain utility certification

The experiment started from January 2019 for a period of six months and evaluated the effectiveness of products. In this way, “GoodMo Family” hopes to strengthen brand reliability and give customers a sense of guarantee. The real experimental data can emphasize the competitive advantage of its product in the overall market.

“GoodMo Family” believes that every brand

should be responsible for consumers regardless of its external image or internal quality.

#### Be Dedicated to Provide Complete Customer Service

Besides giving a complete product instruction before customer purchase, “GoodMo Family” also establishes a database of the skin condition of every pet and keeps track of the use of products. Most important of all, “GoodMo Family” believes that the connection with customer is not only the sale of products, but the complete customer services. The complete customer services build a trust bridge from the brand to customers, and continuously convey the brand value through every communication.

### Promise to Love You for a Lifetime and Let you Grow up Healthily and Happily.

“GoodMo Family” gradually establishes its own professional skin care brand image with the determination to take care of every lovely pet. In addition to the skin care products for pets, “GoodMo Family” is also trying to develop other reliable health care products for pets’ ears, fur, and tooth. “GoodMo Family” hopes to turn over a new leaf in pet market and integrate its own R&D and word of mouth marketing to become a worldwide brand.



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營業項目 循環游離腫瘤核酸純化儀、  
液態活檢純化試劑

資本額 NT\$10,000,000



### 以精準醫療為定位的微量核酸 純化專家

「核酸純化」、「偵測」及「分析」，是分子基因檢測的三大步驟，實現精準醫療的第一步便是「核酸純化」，純化出高純度高濃度的 DNA 能更精準地進行後續的檢測分析，分析體內是否有腫瘤細胞的生物標記，把握住癌症的蛛絲馬跡，從而對疾病進行動態的觀察和治療。癌症的精準醫療目前所面臨的關鍵問題之一，便是循環游離腫瘤核酸 (Circulating Tumor DNA, ctDNA) 的純化，也正是開啟基因核心技術所在。

開啟基因股份有限公司成立於 2016 年，是一家



專精於開發高階微量游離核酸純化試劑及全自動微量游離核酸純化儀的專業醫療器材公司。首先我們致力於研發手工微量游離核酸純化試劑，開發專利技術有效擴大樣本體積二十五倍，並提升回收率到 90%，萃取微量游離核酸的純度、濃度及回收率皆明顯優於歐美現有品牌。綜觀目前循環游離腫瘤核酸大多利用手工試劑進行純化，但在市場快速成長的帶動下，自動化的需求大增，2018 年，開啟基因研發團隊累積近兩年來的豐沛研發動能和專業純化的核心技術，成功開發出可萃取大體積樣本的自動化循環游離腫瘤核酸純化儀 – iCatcher，此儀器之特殊技術在於”柱膜法”搭配正負壓，開啟了應用柱膜法全自動進行大體積、高純度循環游離核酸純化的可能性。這部分應用在目前自動化的市場中並沒有合適的產品，因此我們的機器正好可以滿足液體活檢這塊新的市場缺口。

目前我們在臺灣、新加坡、中國、德國、瑞典、捷克、波蘭已有代理商或 OEM 夥伴，2019 年第一季機器正式推出後，已有多家代理商訂購，由此可知開啟基因公司極具成長之潛力。

## 專利研發抗重力正壓多孔膜萃取技術，滿足全球市場缺口

循環游離腫瘤核酸的濃度低、片段小、抑制物多，所以純化上非常困難。開啟基因團隊費時一年半，

開發專利的萃取組件、回收膜材及純化流程，改良舊有的自動化如同釣魚一般的回收原理，利用類似漁網的方式有效回收濃度極低的循環游離腫瘤核酸。另外，舊有的自動化機臺去除抑制物的方式猶如泡澡稀釋，但開啟基因改良成為淋浴的方式，將除了核酸之外的蛋白質、鹽類和酒精清洗除淨。最重要的是，專利的萃取組件，將可上樣體積從舊有機臺的 0.2 毫升，提升二十五倍，擴大成為 5 毫升，有效放大取樣的母體，去除因為取樣過小而造成偽陰性的可能性。

開啟基因的 iCatcher 系統，除了可以進行一般純化儀可以做到的遺傳分析和疾病分析之外，更可以進一步的進行大體積且低濃度的循環游離腫瘤核酸純化，滿足液體活檢的核酸純化需求。這部分應用目前自動化的市場中並沒有合適的產品，因此我們的機器正好可以滿足這新的市場缺口。

## 開啟基因自有品牌，深耕精準醫療，行銷全球

開啟基因以解決精準醫療的瓶頸為志，在過去兩年多來已成功開發出 iCatcher 系統，能夠由 4 毫升液態活檢的樣本中純化出微量游離核酸、小分子核糖核酸及由蠟塊組織切片中純化出高完整性的核酸，希望這些解決方案能增進癌症預測、癌症診斷及癌症追蹤的方式，為精準醫療及人類更好的生活盡一點力。



Micro-enterprise Category -  
The Gold Award

CatchGene Co., Ltd.



## Nucleic Acid Purification Expert based on Precision Medicine

"Nucleic acid purification", "detection" and "analysis" are the three major steps in molecular genetic testing. The first step in achieving precision medicine is "nucleic acid purification". Purification of high-purity and high-concentration DNA can carry out more accurately subsequent detection and analysis. Analysis of whether there are biomarkers of tumor cells in the body, grasping the clues of cancer, so as to dynamically observe and treat the disease. One of the key problems that the precise medical treatment of cancer is facing is the purification of Circulating Tumor DNA (ctDNA), which is the core technology of the CatchGene.

Founded in 2016, CatchGene Co., Ltd. is a professional medical equipment company specializing in the development of high-level cell free nucleic acid purification reagents and fully automatic cell free nucleic acid purification instrument. First of all, we are committed to the development of manual cell free nucleic acid purification reagents, the development of patented technology to effectively expand the sample volume by 25 times, and improve the recovery rate to 90%, the purity, concentration and recovery rate of extracting circulating cell free nucleic acids are significantly better than the existing European and American brands. At present, most of the circulating cell free tumor nucleic acids are purified by manual reagents. However, driven by the rapid growth of the market, the demand for automation has increased greatly. In 2018, CatchGene research and development team has accumulated abundant research data with professional



purification core technologies in the past two years. Successfully developed an automated circulating cell free nucleic acid purification system that can extract from large volumes of samples – iCatcher. The special technology of this system is the "column membrane method" with positive and negative pressure, which opens the application of the large-volume, high-purity purification. This part of the application does not have a suitable product in the current automated market, so our machine can meet the new market gap of liquid biopsy.

At present, we already have distributors or OEM partners in Taiwan, Singapore, Germany, China, Czech Republic and Poland. After the official launch of the machine in the first quarter of 2019, two distributors have already ordered it. This shows that CatchGene has great potential for growth.



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**Website** [www.catchgene.com](http://www.catchgene.com)

**Established Date** Oct. 28, 2016

**Business Category**

Automated Circulating Cell Free DNA/  
RNA Purification System, Liquid Biopsy  
Purification Kit.

**Capital** NT\$10,000,000

## Patented Development of Anti-Gravity Positive Pressure Porous Membrane Extraction Technology to meet the Global Market Gap

The challenge of purifying circulating cell free tumor nucleic acid is that the circulating cell free tumor nucleic acid is low concentrated, small fragmented and with large amount of inhibitors. CatchGene group took a year and a half to develop patented extraction components, high recovery rate membranes and better purification processes. CatchGene also reformed the old automation as the principle of fishing, and use a fishing net to effectively recover circulating cell free

tumor nucleic acids with very low concentrations. In addition, the way of old automatic machines to remove the inhibitors is as taking a bath, but CatchGene turned it into a shower. The shower would wash away all the proteins, salts and alcohols other than nucleic acids. Most importantly, the patented extraction module increases the loading volume from 0.2 ml of the old automation by 25 times and expands to 5 ml, effectively amplifying the sampled input volume and reduce the possibility of false negatives due to small sampling.

In addition to the genetic analysis and disease analysis that can be performed by a general purifier, iCatcher system of CatchGene can further carry out large-volume and low-concentration circulating cell free tumor nucleic acid purification to meet the nucleic acid purification requirements of liquid biopsy. There are no suitable products in this part of the current automated market, so our machine is just right to meet this new market gap.

## CatchGene Own Brand Trade Mark, Deepen in Precision Medicine, Global Market

Have a vision to overcome the bottle neck of Precision Medicine, CatchGene has developed the iCATCHER system which able to purify cfDNA, miRNA from up to 4 ml Liquid Biopsy and extract high integrity DNA/RNA from FFPE tissue sample. Hope the solution will put some efforts on Cancer prediction, Cancer diagnostic and Cancer tracing. To makes a better life for human being.



## 業安科技 股份有限公司

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成立日期 2019 年 1 月 17 日

營業項目 資訊軟體服務業、電子材料批發業、  
電器批發業

資本額 NT\$5,015,000



### 3 分鐘讓舊販賣機智慧化 業安 科技加速行動支付普及

業安科技股份有限公司組成一支 10 年販賣機工程上中下游經驗的團隊，以獨特的海內外販賣機產業知識與實務工作，加入以往欠缺的連網技術，研發出「VUK 販賣機升級行動支付暨雲端管理系統」。行動支付漸普及，業安科技看準新科技帶來的市場缺口，推出讓投幣式自動販賣機升級的模組化系統。裝設系統只要花 3 分鐘，就能替傳統販賣機加上行動支付功能，還能做後臺的庫存監測，提高出貨效率。業安同時擁有豐富的販賣機產業資訊與充滿熱忱的商務拓展團隊，目標提供販賣機營運商最即時的優質服務。



## 不改機不進廠 最快最超值的販賣機解決方案

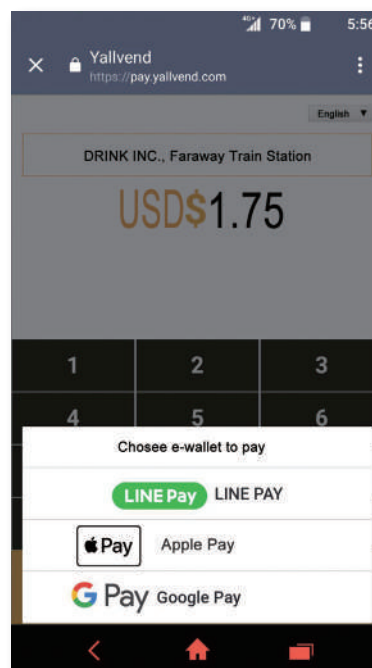
VUK 販賣機升級行動支付暨雲端管理系統，3 分鐘解決自動販賣機缺乏庫存管理與行動支付的問題，不需破孔或改機，讓販賣機 4G 連網，提供營運商銷售報表，減少現金交易的負擔（缺幣或滿幣）；同時提供消費者手機支付（LINE Pay、街口支付、Apple Pay、Google Pay、Samsung Pay 等）的選項。硬體價格只需全新智慧販賣機的十分之一，深受營運商喜愛。

業安科技絕不插手金流，不代收代付，沒有款項交付爭議或藉機孳息的疑慮。

## 亞洲販賣機升級最強專家 業安將整合數位身份、區塊鍊

近幾年全球零售業界不斷在尋求新題材與新科技結合，尤其是向來傳統的販賣機產業，也意識到必須跟上無現金的風潮。業安科技的專業技術無國界，只要有販賣機，就有客戶。除了臺灣市場，

目標將升級日本、韓國、東南亞幾千萬臺傳統販賣機，彈指之間就能提供消費者便利的行動支付、折扣活動，下一步將整合數位身份辨識、區塊鍊錢包，讓販賣機也能賣菸酒或處方箋藥品等新領域。



**Yallvend Co., Ltd.**

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### VUK Specification

- Size: 135.1(l)\* 76.0(w)\* 20.8(h) (mm)
- Weight: 300g
- Connection: 4G
- Accessories: antenna, QR code sticker, connector and instruction



### Other possible application (by alternative version CUK)



Ice cream machine



Coffee machine



Pay station



Beverage machine



Grab machine



Washing machine



Car-washing machine

### VUK Function

#### E-payment

- Integration adapt to different local markets
- Continued transaction when coin-jam happens

#### Inventory system

Having the best seller list in hand

#### Platform

Real-time operation data monition and remote controlling via over-devices

Micro-enterprise Category -  
The Gold Award

Yallvend Co., Ltd.



## Old is new. Classic Vending Machines Have A Brain on the Cloud.

YALLVEND has expertise in protocols of vending machine, coin changer and multiple kinds of unmanned business machine. We are proud of our 6-minute upgrade kits and cloud management platform designed for classic vending machines. The R&D members have worked in this highly-professional field for over 10 years and been trusted by the peers for their profound engineering experiences. Our business developers have strong connections inside and outside this unique industry field that keen to offer the best and immediate service to vending machine owners.

## A Fast and Humble Solution for Smart Vending is Ready.

YALLVEND provides classic vending machines a 3-minute solution for mobile payment. A box smaller than your hand, a 4G antenna and a piece of QR code sticker. All you need is Vending Upgrade Kit (VUK) to add mobile payment and cloud management on the vending machine. No need for hardware modification. Yallvend stays clear of payment flow from end customer to vending machine company and therefore avoids dispute on collection and payment transaction. Instead of expensive brand new designed machine or modification on machine, it is way more economic and faster to apply Yallvend's VUK to add mobile payment and cloud management on vending machines which are in operation.



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**Established Date** Jan. 17, 2019

**Business Category**

Information Technology Service

**Capital** NT\$5,015,000

## The Game-Changer for the Asia-Pacific Vending Market

We noticed the needs for innovation and hot topic of vending machine industry to boost a new sales peak in retail market.

Our knowledge and technical expertise can offer thousands of millions of vending machine on the streets in Japan, Korea, Southeastern Asia a safe and economic mobile payment and discount campaign for customers to enjoy the shopping experience. Beyond current users, Yallvend is developing integrations of digital ID and block-chain wallet which are required for sales of tobacco products, alcohol beverage and prescription drugs.





## 禾餘麥酒 股份有限公司

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成立日期 2015 年 1 月 30 日

營業項目 臺灣本土穀物、發酵飲品釀造、  
農業顧問

資本額 NT\$10,080,000



禾餘麥酒  
ALECHEMIST

**釀造，從栽種開始：你手中的  
每瓶禾餘麥酒，都是臺灣農業  
進步的原動力**

禾＝穀粒；餘＝豐盛

田裡的鍊金術士，化在地穀物為瓶中甘醇。

禾餘麥酒創立於 2015 年，我們從臺灣農田裡出發，核心理念在於復耕、種植與加 臺灣既有品種『孤兒』作物。利用在地契作減少進口，以在地雜糧為地酒原料，增加產品的地區及獨有性，同時加入在地飲食文化的各種素材，做出有別於世界各地發酵性飲料之區隔，創造在地作物的新價值。



## 在全球化的時代，掌握原物料來源

禾餘麥酒核心價值在於使用並加值本土雜糧作物，當前以生產加入本土作物之啤酒為主要產品，以下是禾餘麥酒的堅持：

1. 致力於產品組成穀物原料中，臺灣穀物之比例，現行產品使用比例由 15%~35%，並希望於接下來數年中達到更高的比例。
2. 嘗試使用更多元的臺灣雜糧穀物或者特殊作物，包括古早味臺灣白玉米、臺版越光米（台南 16 號）、不同品種之本土小麥以及與農民合作復耕多年的大麥；另外也包含使用了原住民特殊使用之香料刺蔥，以及本土水果等。
3. 連結原料源頭，採用製作方式與產地農民進行所需穀物之生產，監督生產過程並且在後端進行檢驗，並進行高品質溫濕度控制儲藏，確保加工原料之安全性。

禾餘麥酒透過上述等區別特色，在產品上具有下列競爭力：

### 1. 專業知識與技術

具備專業釀造、栽種知識以及經驗，得以結合前

端栽種以及後段釀造品質之需求搭配，並瞭解如何將在地作物融入加工產品當中。

### 2. 掌控原物料之來源

相較於進口原物料，更可以將原料端之來源以及庫存掌控於手中。近年來原物料之波動幅度大，透過掌控原物料之來源，得已控制生產之波動。

## 越在地，越國際：從土地裡生長出來的，是無可取代的

越在地，越國際。更重要的是，透過從產地土地孕育而來的滋味、生態以及產業意義，是來自遠方的進口原物料所無法取代的。

禾餘麥酒期待在未來，能夠建立完整且持續的生產銷售體系，利用地方生產之作物支撐末端加工產品之原料來源，同時達成在地生產的供給需求，並且降低因大量進口所產生之碳排放，達到能夠永續的農業生態。

透過穩定的農業生產加工體系，也期許在未來創造更穩定的農村收入，更有效率的地方生產產業，降低城鄉差距，解決當前臺灣農業勞動力缺乏之困境。



Special Award-  
Special Jury Award

Alechemist TW Co., LTD



禾餘麥酒  
ALECHEMIST



## Brewing, Starting from the Field: Every Alechemist Bot t le in Your Hand is Momentum for the Future of Taiwanese Agriculture.

Alechemist Taiwan was founded in 2015. We started from the field with the aim of reviving local variety of “orphan” crops, which thrived locally prior to the industrialization of local farming. We started the effort to work with local farmers and contracted to grow these heirloom varieties of crops and utilize them to substitute import ingredients for brewing. We also mix in other local spices and fruits to create unique local flavors, in order to differentiate our products from other overseas fermented beverages. Through the arduous effort, we ultimately hope to effectively raise the value of locally produced ingredients.

## In the Globalized Era, Control Our Ingredients

The core value of Alechemist Taiwan is promote sustainable agriculture through eco-friendly products. In our main product, beer is utilizing highest portion of local ingredients as science allow. Our product philosophy are as follows:

1. Alechemist continuously strive to increase the proportion of local ingredients in all of our products. Currently, our latest beer contain 15% to 35% locally contract produced grains, and we are working relentless to achieve all local ingredients.
2. Alechemist try to use more variety of local ingredients, like local white corn, new cultivar of local rice, different wheat varieties, and barley variety of which we work with the



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**Established Date** Jan. 30, 2015

**Business Category**

Local Grain Production/ Fermented  
Beverage Production/ Agricultural  
Consulting & Solution

**Capital** NT\$10,080,000

farmers to re-grow after 30 years absence on domestic farms.

3. Alechemist not just “purchases” local grains, instead we work closely with local farmers to grow our own ingredients from scratch to ensure the quality of grains is ideal for our process. Also, we arduously improving the local barn storage conditions to provide the highest quality of local grains.

Our competitive advantage comes from two key differentiations:

### 1. Professional Knowledge and Experience

With rich experiences from major breweries and in farming, we are able to combine our scientific knowledge in agronomy and zymology. As a result, Alechemist is in the unique position to produce higher quality local grains, and properly incorporate them into the production brewing process.

### 2. Full Control of the Ingredients

As we are the only beer company that contracts farmer in Taiwan, Alechemist not only able to closely monitor the ingredient quality. We are also able positively influence the local climate change through our efforts in the field.

## More Local, More International: What Grows in the Land is Irreplaceable

“More local, more international” is our motto because we believe, the taste, the environmental impact, and the implications to local industries from local ingredients cannot be replicated with any imported ingredients.

Alechemist’s long-term goal is to build a sustainable production and consumption system for local agriculture. We support the processing industry by using local ingredients, meanwhile, reduce carbon emission by relying less on imported ingredients.

Furthermore, with this system in the future, we wish to contribute to higher and more stable income in rural area. Through efficient local production, we ultimately aim to improve rural quality of life and reduce the income gap between urban and rural area; and hopefully also relieve the pressure of labor shortage in the local agricultural industry.

## 特別獎 - 評審特別獎



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成立日期 2015 年 2 月 4 日

營業項目 眼控軟體開發應用及課程服務

資本額 NT\$5,000,000



森思眼動  
SENSE INNOVATION

### 用眼動科技，開啟身障者不一樣的未來

森思為社會型企業，將 100% 盈利再投入於公司，以擴大我們的社會影響力。我們的最終目標是在未來將所有盈利再投入於公司運作。

以往的復健醫療無法了解失能 / 失語者的真實認知與意願，但他們的能力可能超乎我們的想像，只是沒有方法傳達，透過眼動科技，讓我們一起聆聽他們心裡的声音。我們將智慧醫療應用在社會上最需要的一群人身上，觀察不同類型失能 / 失語者的細膩需求，設計最適合他們操作的眼動軟體介面。



除打造符合需求的軟體功能之外，我們更在乎使用眼控系統後的復健成效，森思團隊持續培訓擅長眼動教學的師資，協助引導使用者有效達到復健目的，從「培養視覺專注，訓練眼球肌肉，學習基本認知，建立溝通模式，融入社群，自力生活」，每一階段的眼動課程，都為使用者客製規劃最適合的課程內容。目前與海內外眾多醫院、治療師、特教學校進行合作，共同透過科技弭平失能 / 失語者的學習與溝通障礙。

## 獨創針對重症身障者的眼動科技研發與課程

森思提供眼動應用軟體與課程服務，打造一條龍的商業服務模式，並針對不同需求的身障者，提供不同的眼動軟體協助。1246 軟體用於醫病溝通及認知學習，協助癱瘓者的自主表達需求及身障孩童的認知學習。Sense talk 可以夠過雙眼進行構句學習，以完整表達需求。Eyejoy 眼動遊戲可以了解視弱區以矯正眼球協調能力，並利用凝視能力，學習基礎的形狀與顏色認知。紫斑蝶趣過冬是一款針對早期療育的身障孩童，能透過眼動遊戲，訓練眼球肌肉張力，以及視知覺能力。最後，

Eyeplayer 眼控滑鼠能透過眼球移動操作電腦介面，如：打字、設計、文書處理、瀏覽網頁及社群操作。

2015 年至 2019 年期間，我們協助了 750 個家庭，500 位早療孩童為此受益，其中，有 20% 的孩子經醫師重新鑑定後，拿掉了智能障礙的障別。50 位身障者透過眼控操作電腦軟體，而工作效率增加，同時也增加了投入職場的機會。200 位身障者經由 1246 軟體的協助後，重拾與社會之間的連結。身障族群在亞太市場中，約有 2 千萬名重症患者。現有的競爭對手為北美與北歐廠商，華語地區多為輔具代理經銷商，無在地化軟體介面設計與服務，華語地區目前無同規模之眼動軟體開發與教學服務之競爭者。

## 走出海外，促進身障平等權益

過去四年來，森思駐足在臺灣及香港地區，未來期望將森思海外，透過將眼動課程與學習記錄線上化的方式，讓各地眼動老師可共享教材，分享教案，偏鄉或不方便出門的身障者也可透過遠距方式學習，擴大市場規模，降低使用者學習成本，以協助更多華人身障族群。



Special Award-  
Special Jury Award

**Sense Innovation  
Co., LTD**



## **Better future starts from eye, assist severely disability from eye-tacking technology**

Sense Innovation is committed to reinvesting its profit into the company in order to scale up our social impact. Historically, the company distributed 100% of its profit to remainder. We can help people in need with the latest medical technology. We design user friendly eye-tracking software interface for people with disabilities to operate and meet their special needs.

In addition to offering customized services for our users, we also care about the end results. We spend a great deal of time on instructor training and course design. Our instructors help guide users operate eye-tracking devices more efficiently and effectively. We design courses in accordance with the users' conditions to meet their needs. The objectives of each stage is to increasing the users' attention span, eye muscles training, acquiring basic knowledge, establishing communication patterns, fitting into society, and ultimately, living independently.

Currently we are in partnership with hospitals, therapists, and special schools, locally and internationally. We work close together to overcome the communication and learning difficulties of people with disabilities through the help of technology.

## **Provide unique eye-tacking software development and eye-tracking courses for severely disability**



Sense Innovation offers one-line service include development of eye-tracking software and eye-tracking teaching sessions to the severe disabilities. Our users include people who have very limited or none motor and verbal ability.

1. 1246 Doctor-Patient Communication and Cognitive Learning: This eye-tracking software provides a platform for physically and verbally disabled children and their caregivers/ teachers, for them to communicate with each other in time.
2. Sense talk: Provides communication methods for physically disable groups to replace speech or writing through eyes.
3. Eyejoy and Euploea game: This software is specially designed for children in need of early intervention education. Users can practice eye movement control and enhance visual conception ability through the game.



**President** Shin-Chih, Chen

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**Fax** (02) 8786 - 5817

**Website** <https://www.senseet.com>

**Established Date** Feb. 4, 2015

**Business Category**

Eye-tracking software development and education courses service

**Capital** NT\$5,000,000

Not only does the game provides joyful eye movement practice, but supplies cognitive learning and logical concept.

4. Eyeplayer: This eye-tracking software is specifically designed for people with physical disabilities such as SMA, SCI, CP in learning vocational skills, job hunting, self-expression and other daily needs of PCs. EyePlayer enable severely disabled people control PCs by their eyes.

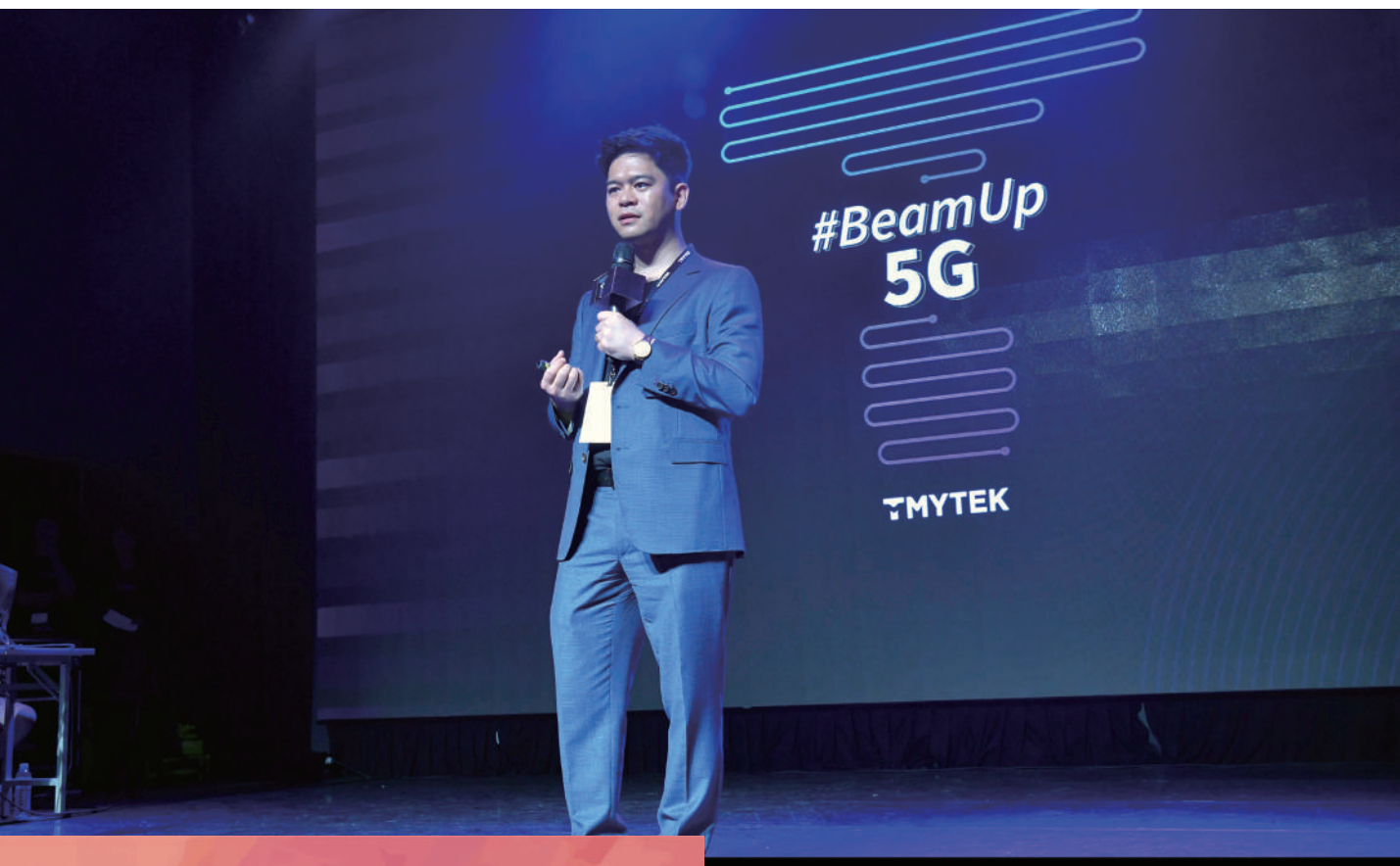
Among all the people from 2015 to 2019, we assisted 750 families, 500 severely disable children benefit from early intervention education. 20% severely disability children have re-diagnosed by doctors and had removed mental retardation. 50 disabilities participate in workplace as they increased a certain degree of working efficiency. Through EyePlayer (eye-controlled mouse system), they have been

learning Adobe Photoshop, Illustrator, Power Director, and working at home as a graphic designer and blogger. 200 users who do not have expression ability benefited from 1246 patient-medical communication software and re-connect with the world. There are over two million severely disabilities in Asia, and there is no direct competitor in Asian market. As Asian eye-tracking market for severely disabilities is barely saturated, it's a great opportunity to expand our business.

## Promote overseas to enhance disability equality

Going forward, Sense Innovation will continuing develop various software application and eye-tracking education courses to overseas. Create online eye-tracking courses and distance learning for disabilities who are living in remote area or overseas. To reduce the inconvenience for them to accessing the eye-tracking service. Sense innovation believes all disabilities have equal rights to expressing themselves, and equal opportunities in education gaining and workplace engagement.





## 稜研科技股份 有限公司

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公司網址 [www.tmytek.com](http://www.tmytek.com)  
[5g.tmytek.com](http://5g.tmytek.com)

成立日期 2014 年 9 月 22 日

營業項目 5G 毫米波整合方案

資本額 NT\$97,609,760

# TMYTEK

### 突破 5G 技術困境，毫米波技術成關鍵

TMYTEK 稜研科技 2014 年成立於臺北，由領域專家聚焦毫米波主被動組件及前端收發機系統開發，陸續接獲國際先進科研單位與市場訂單肯定。2018 年與全球知名儀器製造商 Anritsu 共同成立臺灣毫米波實驗，更推出全球領先 5G 通信開發套件 BBox 並以此榮獲臺灣雲谷雲豹創業大賽第一名評為最佳投資價值公司。TMYTEK 不斷精進研發能力提供各領域客戶專業產品與技術支持。應用涵蓋 5G 小基站、天文探測、軍工、汽車雷達等領域。TMYTEK 稜研科技不但供應全國客戶，並且遠銷歐美、日本等國。



## 重新定義 OTA 空中傳輸技術： 為 5G 毫米波的創新檢測方案

公司專注毫米波與射頻前端解決方案，稜研科技在高達 110GHz 毫米波頻段前端器件系統設計方面有超過 10 年的設計經驗。我們有能力完成 110GHz 以下的主、被動元件以及系統設計。我們可以自主生產並在毫米波實驗室進測試驗證。我們是毫米波器件和嵌入式軟件系統的集成方面的專家。

### 我們的優勢包括

- 唯一由晶片集成、包含軟體與硬件的毫米波波束成形系統開發套件，具備高度的系統整合彈性。
- 專門為毫米波 5G 開發人員以及量產線測試量身打造的開發測試控管。
- 設計、加工、集成高達 110GHz 的微波 / 毫米波電路。
- 主、被動電路設計。
- 在器件和系統層面實現用戶定制。
- 低溫電子設計。
- 高頻連接器和 IC Socket 設計。
- 屏蔽和波導設計。
- 5G 解決方案提供商。
- 微波集成電路設計。

## 整合 5G 生態系並帶動萬物聯網實踐

稜研科技提供研發與產線便捷的線上整合軟硬體平臺方案，垂直影響了整個 5G 生成的生態系，未來市場把焦點放在歐美市場，將臺灣 5G 能量帶至國際！稜研科技目標是集結整個 5G 生態系之力，向外獲取更大的機會和各大廠應戰，為臺灣著眼世界 5G 舞臺中扮演重要的角色，並用我們的毫米波整合技術為實現萬物聯網做出貢獻。



Special Award-  
Special Jury Award

TMY Technology Inc.



## Millimeter wave is the key to break through the 5G technology dilemma.

Founded in Taipei in 2014, TMYTEK focuses on the development of mmWave active and passive components and front-end transceiver systems and has successively received recognition from academic institutes and business partners internationally. In 2018, TMYTEK established the Taiwan Millimeter Wave Laboratory together with the instrument manufacturer Anritsu, also announced the very first 5G beamforming development kit, BBox, to help 5G communities to fast deploy and build up 5G solutions. TMYTEK continues to improve its research and development capabilities to provide customers with professional products and technical support in various fields. Product applications cover 5G

small base stations, astronomical detection, military, automotive radar, and other related fields.

## Redefine OTA: Innovative testing solution for 5G NR mmWave

Millimeter-wave and RF front end solution is our specialty. TMYTEK has teams with over 10 years of experience in the mmWave front end component and system designs. We are capable of designing both active and passive components as well as systems for frequencies up to 110 GHz. On top of that, we can fabricate our designs and do the verification tests all in our own mmWave laboratory. It is also worth mentioning that we are experts in integrating mmWave components with software embedded systems.



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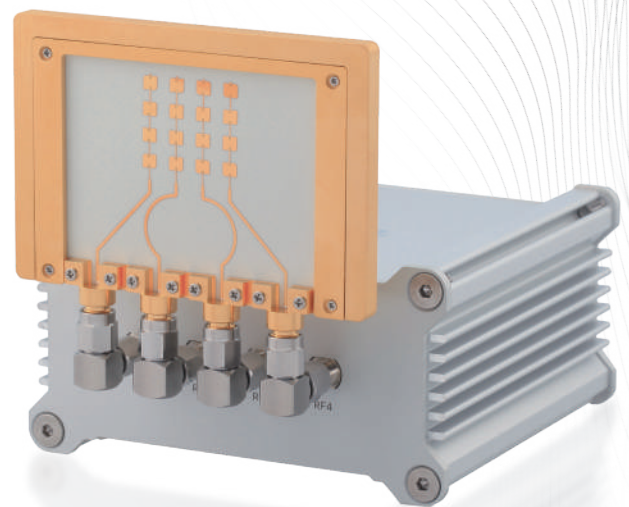
**Website** [www.tmytek.com](http://www.tmytek.com)  
[5g.tmytek.com](http://5g.tmytek.com)

**Established Date** Sep. 22, 2014

**Business Category**

5G NR mmWave Total Solution

**Capital** NT\$97,609,760



### Expertise

- The only millimeter-wave beamforming system development kit integrated by the chip, including software and hardware, provides a high degree of system integration flexibility.
- Development test control specifically tailored for millimeter wave 5G developers and production line testing.
- Design, fabricate and integrate microwave circuits for frequencies up to 110 GHz
- Active and passive circuit designs
- Customized Define Project (CDP) for both component and system level • Cryogenic electronics designs
- High frequency connector and socket designs
- Housing and waveguide designs

- 5G solution provider
- MMIC designs

## Intergrate 5G Ecosystem and make internet of thing happen

TMYTEK provides a convenient online and integrated software and hardware platform solution for R&D and production lines, which profoundly affects the entire 5G ecosystem.

Aiming at European and American markets, TMYTEK will bring Taiwan technology and talents to the international market!

Our goals is to team up with all the 5G related companies to gain greater opportunities to compete with major manufacturers and to make contributions to IOT with our mmWave technology.

## 評審委員名單

Evaluation Committee



### 總召集人

經濟部部長  
部長 / 沈榮津

### 初審委員 書面審查



宇萌數位科技  
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份有限公司  
執行長 / 何冠旻



正修科技大學  
企業管理學系  
副教授 / 吳岱儒



上傑洋管理顧問公司  
執行長 / 董事合夥人  
林美雪



安口食品機械  
股份有限公司  
總經理 / 歐陽志成



多扶事業  
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總經理 / 林銘遠



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聯合服務中心  
執行長 / 許根尉



國家文創商品館  
董事 / 陳俐甯



比翼資本管理顧問  
股份有限公司  
執行董事 / 陳彥論



活動方塊網路  
股份有限公司  
行銷總監 / 陳惠瑜



穀神星資本管理  
顧問有限公司  
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六星機械工業  
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心元資本  
執行合夥人 / 成之璇



研華股份有限公司  
執行董事 / 何春盛



經濟部中小企業處  
處長 / 何晉滄



財團法人交大  
思源基金會  
董事 / 沈上謙



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系教授兼西灣學院  
院長 / 蔡敦浩



泛科知識  
股份有限公司  
知識長 / 鄭國威



食藝餐飲有限公司  
執行長 / 鄭惠如



英霸聲學科技  
股份有限公司  
營運長 / 簡伯翰



希嘉文化有限公司  
總經理 / 顏瑋志



雜學股份有限公司  
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## 初審委員 實地訪審



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副執行秘書 / 葉哲良



國家生技研究園區  
創服育成中心  
助理執行長 / 詹益鑑



財團法人食品工  
業發展研究所  
所長 / 廖啓成



StarFab Accelerator  
執行長 / 劉晏蓉



行政院國家發  
展基金管理會  
副執行秘書 / 蔡宜兼



愛木村休閒  
觀光工廠  
執行董事 / 顏維德

## 決審委員



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社長 / 梁永煌



橡子園顧問  
有限公司  
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李奧貝納集團  
執行長暨大中華區總裁  
黃麗燕



聚積科技股份  
有限公司 / 董事長  
中華民國全國創新  
創業總會 / 總會長 楊立昌

## 評審委員名單

### Evaluation Committee

## Chief Convener

Mr. Jong-Chin Shen

Minister, Ministry of Economic Affairs R.O.C.

### Preliminary Review Judges Documentary Review

CEO, ARPlanet Digital Technology Co., Ltd.

Co-Founder & CEO, APrevent Medical Inc.

Associate Professor, Department of Business Administration, Cheng Shiu University

Founder & Managing Partner, Transpacific Venture Partners Ltd.

CEO, Duofu Care & Services

Chairman, TENLife Health Technology Co., Ltd.

General Manager, Anko Food Machine Co., Ltd.

**Jennifer Pai**

**Guan-Min Ho**

**Dai-Ru Wu**

**Mei-Shey Lin**

**Jeff Hsu**

**Lai-Ju Chen**

**Richard OuYang**

### Preliminary Review Judges Onsite Interviews

Managing Director, Catalyst Capital Group

Chief Executive, Yunlin-Chiayi-Tainan Joint Services Center, Executive Yuan

Director, National Cultural and Creative Gift Center

Executive Director, BE Capital

Marketing Director, Adcube

Founder, Ceres Capital

Intrapreneur, Six Star Machinery Industry Co., Ltd.

**Peter Lin**

**Gen-Wei Hsu**

**Li-Fu Chen**

**Arthur Chen**

**Vicky Chen**

**Yvonne Chen**

**Andrew Huang**

### Final Review Judges

Managing Partner, Cherubic Ventures

Executive Director, Advantech Co., Ltd.

Director General, Small and Medium Enterprise Administration,

Ministry of Economic Affairs R.O.C

Director, Spring Foundation of NCTU

**Tina Cheng**

**Chaney Ho**

**Chin-Tsang Ho**

**Victor Shen**



## Preliminary Review Judges Documentary Review

Professor, Department of Business Administration &  
Si-Wan College, National Sun Yat-sen University

Chief knowledge Officer, PanMedia Co., Ltd.

CEO, Good Food Enterprise Co., Ltd.

Chief Operating Officer, Embrace Audio Lab Inc.

General Manager, C+ Culture Co., Ltd.

CEO, ZA SHARE EXPO

**Stephen D. Tsai**

**Kuo-Wei Zheng**

**Viola Cheng**

**William Jian**

**Jerry Yen**

**Ozzie Su**

## Preliminary Review Judges Onsite Interviews

Deputy Executive Secretary, Board Science and Technology, Executive Yuan

Assistant CEO, BioHub Taiwan of National Biotechnology Research Park

Director General, Food Industry Research and Development Institute

CEO, StarFab Accelerator

Deputy Executive Secretary, National Development Fund, Executive Yuan

Executive Director, i-WOOD Village

**Zhe-Liang Yeh**

**IC Jan**

**Chi-Cheng Liao**

**Amanda Liu**

**Yi-Jian Tsai**

**Wei-De Yen**

## Final Review Judges

Director, Business Today

Chairman, Acorn Campus Taiwan

Group CEO, Leo Burnett Company Ltd.

CEO, Macroblock Inc.

Chairman, National Innovation and Entrepreneurship Association, R.O.C.

**Andy Liang**

**Wu-Fu Chen**

**Margaret Huang**

**Li-Chang Yang**

# 參選辦法說明

## Application Guidelines

### 目的

為營造優質創業環境，形塑臺灣成為創業型社會，經濟部中小企業處辦理「新創事業獎」選拔活動，鼓勵各業界創新新創企業，發展具備優質營運模式之新創事業，樹立成功典範，提振創業家精神，帶動國內創新創業之風氣，為經濟注入活水。

### 參選資格

#### 1 創業年限

自民國 103 年 6 月 1 日 ( 含 ) 之後成立，並符合行政院核定之中小企業認定標準之中小企業。

#### 2 參賽標的

須為自行研發之創新性產品、技術、流程或服務 ( 包含技術服務、知識服務、商業服務 ) 等，並已商業化或量產 ( 運用 ) 之企業。

### 獎勵方式

#### 1 獎項名額

就「科技產業組」、「傳統產業組」、「知識服務業組」及「微型企業組」四大類組，4 組預計選出 13 家獲獎企業，另遴選出 3 家評審特別獎，並頒發獎金、獎座及獎狀各乙只。

#### 2 獎金配置

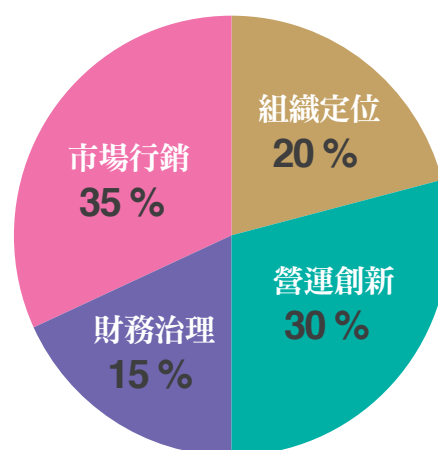
經評審通過者獲頒獎座、獎狀及均分總獎金新臺幣 240 萬元，以 16 家為原則。

### 參選組別

新創事業營運之產業類別需符合下列四大類組，「科技產業組」、「傳統產業組」、「知識服務業組」及「微型企業組」其中之一，由參賽企業自行擇定一組別報名，報名後恕無法變更組別。

參賽企業以「產業別」作為報名組別選擇之優先考量，其次再考量是否符合微型企業規定並提出相關證明 ( 「保險費繳款單明細」影本 ) ，始可選擇報名「微型企業組」。

### 評審指標





## Purpose

In order to create a premium entrepreneur environment and shaping Taiwan into an entrepreneurship society, The Ministry of Economic Affairs Small and Medium Enterprise Administration held the “Entrepreneurship Business Award” Selection, to encourage start-up team to indulge in the development of entrepreneurship with premium business models, establishing a paradigm and enhancing start-up methodology and revitalizing the economy.

## Application Requirements

### 1. Business Age

Participating startup businesses must be established on or after 1st June 2014 and comply with the SME status specified in the SME Determination Standard approved by the Executive Yuan.

### 2. Award items

The award items must be self-developed innovative products, technologies, processes, or services (including technical services, knowledge services, and commercial services) that have been commercialized or mass-produced by the applicant.

## Prizes

### 1. Award Quota

13 enterprises will be chosen among the 4 categories – Technology, Traditional, Knowledge Services and Micro-business. A further special categories shall be implemented “Special Jury Award”. Award winners will receive a payment bonus, a trophy and a written award.

### 2. Bonus Arrangement

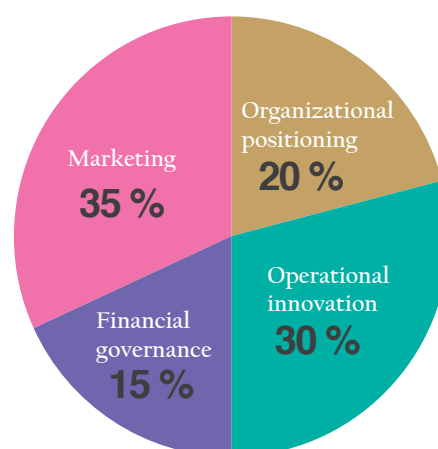
The 16 award winning enterprises shall share the total prize pool sum of 2.4M NTD.

## Category

Startup businesses must engage in any of the following four industrial categories: ‘Technological Category’, ‘Traditional Industry Category’, ‘Knowledge-based Service Category’, and ‘Micro Enterprise Category’. Applicants must choose the category they wish to join, and no change of category will be allowed after the application..

The organizer will first consider the ‘industrial type’ of applicants before reviewing if they are qualified for the ‘micro enterprise category’. Applicants must submit supporting details (photocopy of the Insurance Fee Payment List) to apply for the ‘micro enterprise category’ later on.

## Assessment Indicators



# 評審流程

## Application Regulations

### Preliminary Review

1. Preliminary committee shall engage in written review. 6-20 enterprises shall be chosen from each category (order according to performance) to go through onsite review.

2. A different committee shall engage in onsite review. The enterprises are required to give presentations and a onsite tour of the premises.

3. Small and Medium Enterprise Administration shall send official letters to relevant offices (e.g. Environmental Protection Administration Executive Yuan, Ministry of Labor... etc) to make sure that the enterprises entering the final stages of review comply with environmental protection, Labor Health and Safety regulations.

### 初審

#### 【計畫書審查】

由初審委員會進行書面審查，各組 (採序位法) 選出 6-20 家新創事業進入實地訪審。

#### 【實地訪審】

委員針對各組進入實地訪審階段之企業進行訪視，並由企業進行現場簡報與公司內部導覽。

各組 (採序位法) 選出 3-10 家新創事業進入決審。

由經濟部中小企業處發函相關環境保護、勞政單位等機關，以確認推薦進入決審之企業符合相關法令。

### 報名參選

108 年

4 月 1 日

|

5 月 31 日

### Application for Participation

1 April 2019 to  
31 May 2019



# The 18th Business Startup Award Presentation Ceremony

13 November 2019



108 年 11 月 13 日

## 決審

由各組通過初審之 3-10 家新創事業 (採序位法) 從各組遴選共 13 家獲獎企業，及 3 家特別獎，共 16 家獲獎。

## Final Review

13 enterprises and 3 special awards shall be chosen from the pool of 3-10 entrepreneurship that have passed the initial review in each category. A total of 16 award winning enterprises.

# The 18<sup>th</sup> Business Startup Award

## 主辦單位



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## 執行單位



### 中華民國全國中小企業總會

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