Innovation for Tomorrow
Garage+ 2018 Computex 參展團隊簡介

➢共 20 家：以色列 5 家、美國 3 家、加拿大 3 家、英國 2 家、法國 1 家、中國 1 家、俄羅斯 1 家、台灣 4 家

No.	Team	Country	Introduction	Website
1	AbiliSense	Israel	AbiliSense offers a sophisticated technology to analyze sounds from different environments and provides real-time intelligence of life-threatening or unexpected situations through the use of IoT devices. The novelty includes intelligent listening abilities and advanced human-ear algorithms that not only catch an appearance of some abnormal sound events, it even defines type of these sound events. AbiliSense 以精細技術來分析不同環境的聲音，並推出可應用在物聯網裝置的即時智能系統，在使用者面臨生死威脅或意外時進行自動通報。此創新系統內含智能聆聽功能和進階人耳運算，不僅能辨認不尋常的聲源，甚至能將它們分類。	www.abilisense.com
2	CamToy	France	CamToy develops robots companion for pets in order to improve their lonely daily lives. Our products also change owner's lives by giving them the ability to interact with their pets from anywhere. We are creating our first product named Laïka made for dogs. CamToy 為寵物開發出機器玩伴，以緩解牠們的孤單，也改變了主人的生活，因為從此不管人在哪裡，都能和心愛的寵物互動。目前，正在製作第一個為狗兒而生的產品「蕾卡」。	www.adoptlaika.com

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3	Clevapi	Russia	Clevapi provides automatic visual recognition solutions, building on-demand photo recognition platform to help recognize brands, faces, products, and objects from the photos/videos in the web and social media. Our SaaS technology combines real-time visual recognition with artificial intelligence. This platform can be used in face recognition in retail for personalized customer support. 來自俄羅斯的 Clevapi 提供自動解決方案，從網路、社群媒體的圖像或影片中辨識品牌、臉孔、產品等物件，搭配人工智慧進行即時視覺辨識，已有效運用客戶的非結構式資訊，建構出獨特演算法，很適合應用於零售、廣告及行銷。	www.clevapi.com
4	CoolSo 酷手科技	Taiwan	CoolSo uses unique patent technology to develop wearable gesture recognition solution, which is capable of detecting minute finger movement. Our solution is much more reliable and flexible than other competitors and is immune to environmental interferences, such as sunlight and rain. We use modularized design to provide easy customization solution to our customer for integration. Our current field of application includes AR/VR, medical, robots and IoT. 酷手科技的穿戴式手勢辨識為獨特專利技術，可偵測細微手部肌肉動作。不受陽光或與水等環境干擾的模組化設計，與市場上既有技術相比，穩定性更佳，還可根據需求客製化設計；目前應用於 AR/VR，醫療，機器人及 IoT 領域。	www.facebook.com/coolsotec

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5	Deep Force 鼎峰智能	Taiwan	Deep Force is devoted to neural network designs and heterogeneous computing developments. An end-service company, Deep Force aims to be the platform for deep learning on edge devices. On our platform, it becomes more straightforward to implement fast, private, secure, cost-effective, and efficient applications. The on-device solutions come with various advantages, such as real-time interaction, stronger privacy, bandwidth optimization and storage-saving. 鼎峰智能是終端 AI 軟體服務公司,核心技術為神經網路的設計與異質運算演算法的開發,使日常生活的裝置上可以快速執行特定 AI 任務,具即時性、隱私性與節省頻寬與儲存空間等優點。	www.deepforce.com
6	Edgehog	Canada	Edgehog specializes in delivering up to 50X enhanced contrast ratio in electronic displays under bright lighting conditions, using a nanostructure-based, passive, antireflective surface treatment. It enables full screen readability even under direct sunlight and lowers power consumption by allowing for a significant decrease in screen brightness. Edgehog 專精於產製在明亮燈光下高達 50X 強化對比度的電子顯示器,螢幕以奈米結構為基底,表面為被動抗反射處理。即使在直射日光下仍可全屏顯示,並藉由大幅減低螢幕亮度來降低耗電量。	www.edgehogtech.com

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7	Exband Networks	Israel	Exband develops a broadband wireless transmission technology for 5G, enabling infrastructures a x10 increase in capacity at the same form factor. The innovation lays in the analog hardware domain and can be integrated to any 4-5G wireless transmitter. We are currently testing our transmitter prototype, to demonstrate over 300MHz bandwidth and high power 5G transmission – highest bandwidth to the best of our knowledge. Exband 所發展的 5G 寬頻無線傳輸，使基礎架構設施在外觀規格不變的條件下，仍可擴充十倍性能。此創新技術適用於類比網域，相容於各種 4 到 5G 無線傳輸裝置。目前正測試傳輸原型，期望達到 300MHz 以上頻寬的高功率 5G 傳輸，是能力所及的最大頻寬。	www.exband-networks.com
8	HC Vision	Israel	HC Vision brings the benefits of hyperspectral imaging, such as low-light imaging and material sensing, to low-cost consumer products such as smartphones. The technology is based on the unique hyperspectral reconstruction and filter optimization methods developed at the BGU Interdisciplinary Computational Vision Lab. HC Vision aims to partner with leading consumer imaging companies bring the power of hyperspectral imaging to devices in every home and pocket. HC Vision 讓成本低廉的消費性電子商品的鏡頭，也有高光譜的影像。技術研發者本古里安大學的跨界電子影像實驗室，使用獨家高光譜重建及濾鏡最優化與頂尖的消費性影像廠商合作，把技術融入家用及移動式裝置。	www.hc.vision

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9	HeartIn	USA	HeartIn from Ukraine and USA launches the full-featured service using a unique smart garment with built-in sensors and electrodes to diagnose heart activity. Our users wear a sleek and subtle smart T-shirt or sports bra to track cardiological and stress data in real-time. The data is sent automatically to our cloud service or directly to a network of certified cardiology consultants who instantly interpret results online. 來自烏克蘭及美國的 HeartIn 推出智慧型布料，佈有內建感測器及電極，能量測心肌功能。只要穿上此布料製成的 T-shirt 或運動內衣，就可即時量測記錄心臟及壓力指數，將數據直接傳送到雲端系統，或是有執照心肌專家的諮詢網絡，在最短時間內就能診斷，助於觀察心肌疾病或改善健身成效。	www.heartin.net
10	Hugreen 善農科技	Taiwan	Hugreen is a modern agriculture company which provides solutions for flower/delicate plants growers. It integrates international resources to develop a precise and automated managing scheme. The company provides precision agriculture sensors, automated irrigation/fertilization systems, software, and cultivation consulting. More than 20 green houses and organizations are using Rockabye currently. 善農是以幫助農民為理念的農業科技公司，主要系統包含農業感測器、農業自動化設備、軟體的技術服務與技術諮詢。目標是整合世界最先進的科技軟、硬體技術，幫助世界友善農耕的轉型。	www.hugreen.co

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11	Invision AI	Canada	Invision AI is an artificial intelligence software platform that enables cutting-edge video analytics. It analyses a visual scene and enables the detection, categorization and tracking of objects, such as people or vehicles, within the scene. This learning is distilled into software efficient enough to run on low-power embedded processors, including fixed security cameras, and moving vehicle, drone and body mounted cameras. 人工智慧軟體平台 Invision AI 使用尖端影片分析技術，分析畫面時，會偵測、分類和追蹤人物或車輛等物體，將取得的數據輸入軟體中；這樣的軟體可在低功耗的嵌入式處理器中運作，包括固定式安全攝影機，或是移動中的車輛、無人機與穿戴式攝影機。	www.invision.ai
12	NetVirta	USA	For brands and retailers seeking to provide a tailored shopping experience, NetVirta offers a smartphone-based, precision 3D body scanning solution. This enables companies to suggest the best fitting products or offer mass customization. With medical-grade 3D scanning accuracy, and a cloud platform that fully integrates into a business's processes, we allow companies to seamlessly and cost effectively offer their customers a next-gen buying experience. 對於打算推出客製化購物體驗的品牌企業或零售商來說，智能手機專用的 3D 精準身體掃描方案 NetVirta 再好不過。它幫助推薦最適合的產品，或大量提供客製化建議。醫療級技術，加上可和其他作業完全結合的雲端平台，幫助企業隨時隨地提供實惠的新世代購物體驗。	www.netvirta.com

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13	Newsight Imaging	Israel	Newsight Imaging develops advanced CMOS image sensor chips, providing 3D solutions for high volume markets. The chip's sensor is manufactured using CMOS technology with ultra-high sensitivity pixels, replacing more expensive CCD sensors and other camera modules in LiDAR applications for robotics, automotive and in other markets such as mobile depth cameras, AR/VR, Industry 4.0 and barcode scanners. The company received two times a grant from the Israel Innovation Authority. Newsight Imaging 致力發展進階的影像感應晶片,提供 3D 方案。晶片的感測器採用互補式金屬氧化物半導體技術和高感度畫素,取代較貴的感光耦合元件感測器和其他光學雷達的攝像模組,可應用在機器人和車輛 (先進駕駛輔助系統和安全),包括移動式深度感測攝影機、AR/VR、工業 4.0 和掃碼機等。公司曾二度獲得以色列創新發展局補助。	www.nstimg.com
14	NQM.AI	UK	NquiringMinds helps customers deliver AI-driven digital transformation. Our products: TDX (Trusted Data Exchange), cloud-based data sharing and AI powered data analytics platform, built from the ground up for security and scale; InterliNQ, developed for small IOT devices, supports real IOT security from hardware through to a PKI certificate-based application layer. We have real world customers in sectors as diverse as Smart Cities, Industry 4.0, Defense, Agriculture, Telecoms and Health and Social Care. NquiringMinds 幫助客戶以人工智慧進行數位轉型。產品有:雲端資料分享和人工智慧資料分析平台,為了確保安全和拓展規模而從零開始建造,以及,小型物聯網裝置專用,從私人硬體到公開金鑰基礎建設,都能確保維持真正的物聯網安全。客戶從智能城市、工業 4.0、國防、農業、電信到健康與社會照護都有。	www.nqm.ai

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15	OWLR Technologies	UK	OWLR is the leading smart camera app for home IP cameras in the world. We work with major US and UK brands and is expanding partnerships with ODMs/OEM and service providers in the Asian market. OWLR provides users with choice and safety while manufacturers and partners get confidence in solid software, top customer service and revenues from the OWLR offering. 以家用網路監控攝影機專用的智能攝像軟體來說，OWLR 是全球的佼佼者；和英美大品牌合作，目前正在亞洲市場擴大與委託設計、委託代工服務廠商的合作。合作的製造商和生意夥伴也已推出耐用軟體和頂級服務，創造豐厚的營收。	www.owlr.com
16	Shanghai TuoXiao Intelligent Technology	China	TuoXiao is committed to maternal and child health management system based on artificial intelligence and heart and lung auscultation. Our products: (1) Home intelligent stethoscope for warning and monitoring in recovery process for asthma and pneumonia to children; (2) Remote stethoscope system for screening heart and lung disease in primary care center; (3) Intelligent bellyband for pregnant women uses flexible piezoelectric sensor to continuous monitor fetal heart rate and movements in auscultative method. 拓蕭智能致力開發母嬰健康管理系統，聚焦在人工智慧和心肺聽診。產品有：(1)居家智能聽診，可監看兒童氣喘與肺炎復原過程並提出警示；(2)遠端聽診系統，協助基層醫療中心檢查民眾是否罹患心肺疾病；(3)孕婦專用智能腹帶，使用彈性壓電感測器，以聽診來持續監看胎兒心律和動作。	www.intellchildcare.com

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17	Soundskrit	Canada	Soundskrit has designed a novel microphone membrane that uses a bio-inspired geometry to get directional information. With a single microphone, we can separate sounds coming from multiple directions without compromising on size or quality. Soundskrit will greatly improve speech recognition and sound localization, enabling a new suite of features to consumer electronics. Soundskrit 的全新麥克風振膜，使用受到生物啟發的幾何設計，來獲取不同方位的聲源資訊。只要一支麥克風，就能分隔來自四面八方的聲源，卻不需犧牲音檔的大小或品質。Soundskrit 將大幅改善語音識別和聲源定位，為消費類電子產品創造全新的特色。	www.soundskrit.ca
18	TapReason	Israel	TapReason is an award-winning artificial intelligence for constructing highly accurate prediction models autonomously. It streamlines the process of turning raw data and turning it into real-time, easy to use, prediction models. These models can then be used to improve conversion rates, predict user behavior, enrich CRM systems, reduce costs, etc. TapReason 曾經獲獎的人工智慧系統，能自動建構高度精準的預測模式；它能更有效將原始資料轉為好用的即時預測模式。這些模式可應用於改善轉換率、預測使用者行為、擴增客戶關係管理系統、以及降低成本等。	www.TapReason.com

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19	WASAI Technology 偉薩科技	Taiwan	WASAI Technology provides Big Data acceleration platform. Our solutions include Apache Hadoop™ and Apache Spark™ systems for big data field, and second analysis of next-generation sequencing for biomedical field. With WASAI acceleration platform, it leads extremely high performance in data processing and low power consumption, which together reduce total-cost-of-ownership (TCO) of data center operation. Applications include big data cloud service, AI, telecom, IOT and biomedical services. In order to meet the challenges of big data era, our goal is to bring our customers with better data computing value. 偉薩科技提供 Big Data 專用加速晶片。我們的解決方案包含針對大數據領域的 Apache Hadoop™與 Apache Spark™系統，以及針對生物醫療領域的次世代基因定序次級資料分析，不僅大幅提升資料的處理速度，對於節能以及營運成本的降低更有顯著的效果。產品應用領域包含大數據雲端服務、人工智慧、電信服務、物聯網及生物醫療等。公司成員來自聯發科、IBM 等國際大廠，在 IC 設計、軟硬體開發上擁有十二年以上的產業經驗。為了迎接快速變動的大數據時代，我們致力於為客戶帶來更優渥的資料運算價值。	www.wasaitech.com
20	Xvisio Technology	USA	Xvisio Technology is a total solution provider of high-speed, vSLAM-based 6DOF tracking devices for various applications such as AR/VR/MR HMD and 6DoF controller, robotics, and beyond. Based on years of research, the company focuses on high-speed vSLAM algorithm development and embedded system implementation. Xvisio Technology 提供的終極解決方案，聚焦在高速視覺同步定位、地圖構建演算法的研發和嵌入式系統實作。以此為基底的六自由度追蹤裝置，適用各種物件，比如 AR/VR 或混合實境(MR)頭戴式顯示器、六自由度控制器與機器人等。	www.xvisiotech.com