2. Smart City

Thailand is actively introducing smart system solutions to help promote the 'Thailand 4.0' policy. There are more than 4,500 Taiwanese companies in Thailand, many of which have majorly invested in Thailand's machinery industry. The industry is also Taiwan's main export product to Thailand. 'Thailand 4.0' is similar with Taiwan's industrial innovation policy and has the potential for development. This year's Taiwan Expo will highlight the 'Smart City Pavilion' and feature the themes of smart city, smart manufacturing, and innovative e-commerce. It will then promote cooperation opportunities through eight major smart forums.

Company	Highlight Product	Photo
Taipei Your Partner Hao-Yang Environment Science Ltd.	**iTrash Smart City- Trash & Recycling Integration System** Hao-Yang Environment Science Ltd. was founded in 2014. In aspiring to provide a more convenient garbage disposal service, Hao-Yang Environment Science Ltd. proposed iTrash: Garbage & Recycling Integration System, the first 24/7 garbage disposal and recycling service in the world. iTrash is equipped with airtight deodorant and low temperature antibacterial functioning, and designed with a built-in compression function. In addition, iTrash has sensors that notify the central management system when the garbage reaches 70% capacity, and through data analysis, the information will be sent to the cleaning company to plan an efficient route. Through cloud management and IoT applications, iTrash can make cities cleaner and more eco-friendly. iTrash also has a user-pay garbage disposal service function that can be paid via Easycard (electronic ticket) or mobile payments. Users can dispose of garbage without using any garbage bags, and the system charges based on the weight of the	

Company	Highlight Product	Photo
	garbage. Users may also be rewarded by recycling. The system will reward money to the Easycard, based on the number of recyclable items. This year, Hao-Yang proposed a pilot project with Taipei Smart City PMO, planning three iTrash operation spots in Taipei City for six months. The short-term goal is to reach 70% usage rates, 80% satisfaction, 51,331kg of garbage recycling, 15,000 porter bottles, and 3,600 iron/aluminum recycled cans. This pilot anticipates that citizens will enjoy the different garbage disposal service, make their life more convenient, the city cleaner, and become a new highlight for Taipei Smart City. **Function** 1. Available 24 hours 2. Cloud management & IoT 3. Overflow Detection System 4. Easycard (electronic tickets) and mobile payment service 5. Electronic Fair Card Service 6. Low Temp. Storage 7. Garbage Compressor 8. Deodorant 9. IP Camera 10. Advertising push	
Taipei Your Partner 3Egreen	**Smart Energy Keeper** DIY without touching a plug! Real-time monitoring of your appliance electricity usage via your smartphone App. Professional diagnosis to alert any safety concerns, while knowing your usage to better save energy and utility bills.	

Company	Highlight Product	Photo
Taiwan Excellence Pavilion AEON MOTOR CO. LTD.	**CROXERA Smart Dashboard** 1. Turn-by-turn navigation mode 2. Accident detection reporting system 3. Full dynamic digital interface 4. Calls and calendar notice	
THAI - TAIWAN BUSINESS ASSOCIATION New Kinpo Group	**Automated Guided Vehicle** QR code is used as a means of navigation. ChessBoard AGV can combine WMS and MES to ensure intelligent warehouse management and flexible manufacturing.	
Digital Commerce & Startups Pavilion Viscovery Pty. Ltd.	**Visual Recognition** Viscovery offers cloud-based API services for visual content analysis in real time, and returns time-coded auto-tagging results on what's in your image and video. We implement a suite of machine learning algorithms into our image and video recognition service, and provide ready-to-use models for general and special-purpose recognition. **Visual Search** Viscovery provides a more convenient way to manage and search for image and video content. With Viscovery's smart visual engine, you may search visual keywords across multiple categories including: people, place, things, brand, etc. Integrate Viscovery visual search engine into your system or applications to increase work efficiency.	

Company	Highlight Product	Photo
THAI - TAIWAN BUSINESS ASSOCIATION XYZprinting Thailand Co. LTD.	**Da Vinci Color** The Da Vinci Color is XYZprinting's first FFF desktop 3D printer with true color technology achieved through a combination of inkjet and 3D printing technology. It has 40 patents pending worldwide. By using CMYK inkjet technology, droplets of ink attach itself to the color-absorbing PLA filament, allowing the Da Vinci Color to create prints of various colors by combining the droplets of ink onto the filament. The Da Vinci Color was designed with consumer accessibility, creativity and ease-of-use in mind.	