

FOR IMMEDIATE RELEASE

## **Major Breakthroughs in Smart Devices and IoT from Taiwan to be Unveiled at CES 2018**

**Jan 8<sup>th</sup> Press Conference Offers Sneak Peek of Next-Gen Robot, Futuristic Drone, Smart Navigation Dashboard for Motorcycles and MR Smart Surgical Glasses from Taiwan's Most Innovative Companies**

**LAS VEGAS, Nev., December 19, 2017, International CES** – Kicking the new year off with a bang, the Taiwan External Trade Development Council (TAITRA), Taiwan's foremost trade promotion organization, will provide a first look at brand new "smart" innovations from ITRI, AEON Motor, GEOSAT, Robotelf, and Taiwan Main Orthopedics at a January 8 press conference at CES 2018. The companies will showcase products poised to make an impact in the global consumer electronics marketplace. These breakthrough products include an intelligent family robot, a futuristic drone, a smart motorcycle dashboard, smart surgical glasses and an intelligent vision system for robots.

TAITRA is spotlighting some of Taiwan's most innovative companies and products at CES. These companies' innovations have the potential to dramatically improve people's work and everyday lives. They are also advancing their respective industries by reimagining how the Internet of Things can improve and transform our lives – not just in Taiwan, but globally.

Taiwan has had a strong presence at CES over the years. The 2018 press conference highlights the Silicon Island's evolution in the consumer electronics industry, from its early prowess in hardware technology to creating some of today's most cutting-edge AI, robotics, and IoT innovations. They are exemplified by the five companies/organization that will unveil the following at the Taiwan ICT Industry Innovations Press Conference at CES:

### **1. AEON Motor**

Transforming the rider experience, the CROXERA Smart Dashboard is the future of UX in motorcycles. For the first time, the new dashboard provides riders with turn-by-turn display and voice navigation. It also offers IoT-related functions such as accident detection, reporting, and a full dynamic digital interface.

### **2. GEOSAT**

Weighing under five pounds, the GEOSAT Pterosaur is a portable all-wing drone that can take off by hand-throwing or catapult, depending on terrain, wind, and operation conditions, and the only one with a parachute to ensure a safe landing. It's equipped with an auto-pilot flight control computer and can carry a 24 million-pixel camera, infrared camera, or multi-spectral sensor making it ideal for aerial photography, precision agriculture, and 3D modeling for buildings and environmental monitoring. It offers best in class air time and coverage up to 70 minutes and up to 1800 hectares in a single sortie.

### **3. Robotelf Technologies**

A CES 2018 Innovations Award winner, Robotelf is a cute next-generation AI robot with a warm personality and rich expressions. It talks like a friend as it patrols your home, plays with kids, and makes life easier for elders. Its advanced voice detection and facial recognition technology transcends all other robotic interactions. Its patented technology is the first to allow the head to swivel 90 degrees vertically, making it easy to operate while standing. And it's the only family robot to have dual

cameras—one in front and one in back called Elf Eye, which doubles as a webcam, so you won't have to worry about anything when you're away from home.

#### 4. Taiwan Main Orthopedics

Redefining the future of surgery, the futuristic mixed reality smart surgical glasses are the first wearable glasses that assist in orthopedic navigation operations. Putting information right into the field of view of the surgeon at the point of care means that the surgeon no longer needs to look away from the patient and the surgical site to reference key information such as vital signs, fluoroscopy, and endoscopy video feeds, x-rays, CT/MRI scans, and so on. This provides dramatic improvements in accuracy and efficiency, advancing patient care.

#### 5. ITRI

The Industrial Technology Research Institute (ITRI), one of the world's leading technology R&D institutions, will showcase at CES 2018 AI-related solutions for smart homes and cities, such as a companion robot, portable pesticide residue detector, sleep monitor, intelligent battery system, and cloud-based video analytics for city surveillance. Their intelligent Vision System (IVS) for companion robots and handheld pesticide residue detector are both CES 2018 Innovation Awards winners.

#### TAITRA's Taiwan ICT Industry Innovations Press Conference

On January 8<sup>th</sup>, TAITRA will be hosting the press conference at the Hotel Encore Tower Suites in Las Vegas at 4pm. The event will provide early access to these innovative companies' spokespeople and their products, as well as the opportunity to hear from senior officials from TAITRA and the Taiwan government. Media representatives are encouraged to register in advance or to request for one-on-one media interviews [here](#).

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#### Information about Taiwan Excellence / Bureau of Foreign Trade, MOEA and TAITRA:



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Bureau of Foreign Trade, MOEA

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BOFT continues to entrust TAITRA with various critical government projects relating to trade and investments, promoting Taiwan on every international aspect.

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Taiwan External Trade Development Council

Taiwan External Trade Development Council (**TAITRA**) is the foremost non-profit, semi-governmental trade promotion organization in Taiwan. Founded in 1970 to help promote foreign trade, TAITRA is jointly sponsored by the government, industry associations, and several commercial organizations. TAITRA assists Taiwanese businesses in strengthening their international competitiveness and in dealing with the challenges they face in foreign markets. TAITRA boasts a well-coordinated trade promotion and information network consisting of over 1,200 trained specialists stationed throughout its Taipei headquarters and 60 branches worldwide. Together with its sister organizations, the Taiwan Trade Center (**TTC**) and Taipei World Trade Center (**TWTC**), TAITRA has created a wealth of trade opportunities through effective promotion strategies. [www.taitra.org.tw](http://www.taitra.org.tw)

**Media Contacts:**

Sharon Y. Sim  
SKC, Inc.  
(415) 420-1889  
[sharon@sim-krause.com](mailto:sharon@sim-krause.com)

Mary Placido  
SKC, Inc.  
(415) 218-3627  
[mary@sim-krause.com](mailto:mary@sim-krause.com)