

AUTONOMOU

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German-Taiwanese Automotive Matchmaking 汽車產業媒合

German Trade Office Taipei & ARTC



財團法人 車輛研究測試中心
Automotive Research & Testing Center

Introduction

Following the **1st German-Taiwanese Automotive Forum** in 2020, the German Trade Office Taipei (GTO) and the Automotive Research and Testing Center (ARTC) are organizing a matchmaking between German and Taiwanese automotive manufacturers and suppliers along the complete value chain. The matchmaking aims to promote the collaboration between Taiwanese and German companies in the automotive industry.

Due to the current COVID-19 related travel restrictions, the matchmaking between the German and Taiwanese participants will be conducted online.

The details of the matchmaking are as following:

- **Timeframe:** May 24th -27th, 2021 / 08:00 – 12:00 am (German Time), 14:00 – 18:00 (TW time)
- **Participating Taiwanese Companies:** 7
- **Organizing Units:** German Trade Office Taipei, ARTC
- **Participation Fee:** Free of Charge
- **Language:** English
- **Software:** Microsoft Teams or GoToWebinar

The results of the matchmaking and selected best-practice examples of cooperation between German and Taiwanese companies will be presented during the **2nd German-Taiwanese Automotive Forum**, which will be held in 2021.

Participating Companies from Taiwan:

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CUB Elecparts Inc.

Website: www.cubelec.com.tw
Address: No. 6, Lane 546, Sec.6, Changlu Road, Fuhsin Township, Changhua County 50648, Taiwan
Employees: 420+
Tel.: +886-4-778-2010
Established: 1979



Company Profile

Founded in 1979, Cub is a professional Electrical and Electronic Parts manufacturer, supplying to both OEM and Aftermarket customers. Listed on Taipei Exchange (formerly the *Gre Tai Securities Market* (GTSM)) in March 2009, Cub has been dedicated to developing high technology, safety system products, with great ambition to bring a better traffic environment for everyone.

Main Product Categories: Auto Parts, TPMS (Tire Pressure Monitoring System), ADAS (Advance Driving Assistant System).

TPMS:

Starting the development of tire pressure system products from 2003, Cub is the first company who introduced the universal OE replacement concept and products to the marketplace to help millions of tire shops to get through the electronic difficulty by providing a simple, user friendly system and products.

What Cub presents now:

- Universal blank sensors
- Programming tools
- Retrofit TPMS for Motorcycles, Passenger cars, Commercial Vehicles...
- OEM TPMS Solutions

With millions of sensors sold per year, Cub is always thinking about what do customers need? What can we do more for driving safety?

Guess what? We integrate with fleet management companies to manage data in the cloud to inform the drivers about danger as well as the company control centers. At the end, all the data could be collected as big data and create more benefits for the society.



CubTEK Inc.

Website: www.cubtek.com
Address: Rm.8, 6F., No.38, Taiyuan St., Zhubei City,
Hsinchu County 302, Taiwan
Employees: 265+
Tel.: +886-3-560-0289
Established: 2016



Company Profile

Founded in 2016, CubTEK inc. is the subsidiary of Cub Elecparts inc., a listed company in Taiwan. We're the world leading 24GHz, 77GHz mmWave Radar & ADAS provider with technological independence in R&D and production teams.

Why CubTEK?

We are effective in problem solving with in-house technology

- More than 1/2 of our R&D team have over and beyond 10 years of radar development experience. The cutting-edge software, hardware and algorithm technologies are all independently developed and globally patent-awarded.

We think and plan ahead with our partners

- CubTEK has been awarded by several manufacturers in China, Japan, and Europe as OEM supplier for our customization capability predominantly but not limited to 4-wheeler of commercial & passenger vehicles. More importantly, our comprehensive ADAS development has been following global regulations and standards such as ECE R151.

We take pride in our manufacturing stability

- Certified with ISO 9001, ISO 14000, and IATF16949, the fully automated production lines in both Taiwan & Shanghai hold the capacity of 100k pcs/month/line with rigorous radar assembly testing.



EOI GmbH

Website: www.eoiauto.com
Address: Unterreut 6
76135 Karlsruhe
Deutschland
Employees: 1,300
Tel.: +49 (0)7225 1839353
Established: 1995 Excellence Optoelectronics Inc.



Company Profile

Ever since 1995, EOI has experienced rapid growth within the LED industry, and established leading technical teams for optical, electrical, mechanical, thermal, and state-of-the-art LED applications. Throughout the years, EOI has gained various patents and awards for their innovative design for LED and laser-related technology. Over the time EOI has connected their proven expertise to numerous industries as well as application areas which covers automotive, display and industrial lighting market. Today and through their close work with their customers, EOI has established themselves as a well noted supplier and partner. So far, EOI has designed and supplied for more than 40 world's leading automotive companies. As an IATF16949 and VDA 6.3 certified company, we guarantee high quality and performance of our products as well as continuous competitive innovation and service.

Core Competencies

LED Design and Manufacturing

- Leading component supplier for low-/mid-power LEDs in automotive signal lights and display
- Own R&D and LED production in Taiwan
- Strategic cooperation with leading LED chip suppliers on AlInGaP and InGaN chip material
- Using cutting edge in chip innovation and production for MiniLED displays

Printed Circuit Board (PCB) Assembly

- Contract manufacturing services for high-volume business
- Worldwide assembly facilities for automotive LED- and LDM boards
- Established high precision SMT lines for Headlamp and Display applications

Original Design Manufacturer

- State-of-the-art, certified optical calibration and measurement and EMC laboratory
- Expert capability in optical and thermal simulation and analysis
- Specialist in electrical and mechanical engineering
- Hands-on support for software services

Unique EOI Module Technology - UNIFLEX

- Specialized solutions for linear applications with patents
- Dynamic functions for customer differentiation
- Excellent styling possibilities (3D, curvature, flexible/bendable and more)
- Best visual uniformity with maximum design freedom



Foxtron Vehicle Technologies Co., Ltd.

Website: <https://www.foxtronev.com/en/index.html>
Address: 8F., No.3, Sec.3, Zhongxing RD., Xindian Dist.,
New Taipei City 23144, Taiwan
Employees: 1,000+
Tel.: +886-2-5590-6168
Established: 2020



F O X T R O N

Company Profile

Established in 2020, Foxtron inherited decades long experience and assets of Foxconn and Yulon Group in the electronics and automotive industries, Foxtron Vehicle Technologies is a completed vehicle engineering company possessing capabilities in vehicle design, engineering development and system validation. With MIH hardware and software open platforms, Foxtron Vehicle Technologies is working on C.A.S.E. innovation trend and bring out the value of software-defined vehicles. What Foxtron Vehicle Technologies eyeing at is to go globalization accompanying domestic ICT and automobile industries, and further to craft the next-generation electric vehicle industry and ecosystem.

Product Roadmap

Electric Vehicle (EV) Platform and Extended Products:

Based on FVT open platform, the extended products include both passenger cars and commercial vehicles. Specification and communication interface of the first generation of electric vehicle platform EV Kit was released to partner for product development. The EV Kit adopts Drive-by-wire technology. Partners could get vehicle control parameter quickly that enhances product development reliability and effectiveness. MIH platform is a scrabble one which could be downsizing to B+ and enlarging to E segment. The first product would be a C Segment Electric Vehicle. Apart from that, Foxtron Vehicle Technologies is also developing electric city buses.

Key Sub-System

Different from traditional thinking, Foxtron Vehicle Technologies integrates vertical key sub-systems, provides one-stop service, standardized software platform, reduces the complexity of Auto-Electric integration. This so-called software-define trend and practice enables customers devote in innovation and application.

Core Competence

Foxtron Vehicle Technologies possess vehicle design capabilities in all aspects of product planning, modeling development, engineering design and development, prototype pilot-runs and test verification. It can offer engineering services of various combination according to customer requirements.



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K.S. Terminals Inc.

Website: www.ksterminals.com
Address: No.8, Zhangbin E. 3rd Road., Xianxi
Township, Changhua County 507, Taiwan
Employees: 600
Tel.: +886-4-7580-001
Established: 1978



Company Profile

K.S. Terminals Inc. (KST) was founded in 1978 and specialized in terminals, connectors and wiring accessories. KST produces more than 12,000 items and sells products over 150 countries. KST provides perfect integrations by mold design, mold processing, advanced manufacturing, automatic assembly and packing, AS/RS Warehouse, along with flexible system, stable quality, and various products to quickly meet all requirements from customers. This year, KST has entered the industries of vehicle connectors, solar energy, and electric cars, moreover, actively expand the global selling channels which have established branches in America, Mainland China, Thailand, Vietnam, and Indonesia. Developing KST brand and reinforcing the capability of new niche products has been our long-term and important goal.

Our core products and service are:

- **Electrical Terminals:**
Electrical terminals are extensively used in everyday life as well as in various industries. Electrical terminals are mainly used for electric power distribution, including connections between power suppliers and the bridges between electric wires. High-quality electronic terminals provide safe living environments and reduce power consumption during transmission.
- **Automotive Connectors:**
Automotive connectors provide the signal connection and power transmission for vehicles. They are often applied in the connection between bundles of wires or the conjunction of a bundle of wires and electric part. Well-designed and manufactured connectors lead to simpler vehicle assembly and easier circuit maintenance. Moreover, they can provide excellent reliability and safety in outdoor environments for a long time.
- **Green Energy Connectors:**
Power generating set in the green energy industry should use reliable and durable connectors. The KST green energy connectors comply with the requirements of power supply equipment, transformers, and power storage systems.
- **Charging Connectors for Electric Vehicles:**
The KST charging connectors have obtained the main certifications of IEC, UL, GB, and CNS, which could be applied in Taiwan, Mainland China, America, Europe and others. The products meet various EV systems, such as charging pile, wall-mounted charger, on-board inlet, and cord set.



Orange Electronic Co., Ltd.

Website: www.orange-electronic.com
Address: 5F, No. 29, Keiya Rd. Central Taiwan Science Park, Taichung City 42881, Taiwan
Employees: 120+
Tel.: +886-4-2560-2766
Established: 2005



Company Profile

Orange Electronic Group founded in 2005, is a global company with offices in Taiwan (Headquarter), China, US, and Europe. We focus on wireless tire pressure monitoring system (TPMS). We commit with long-term research, development and innovation, through strict quality control and continuous improvement, maintaining industry-leading technology and quality standards. We are the leading supplier to both OEM/ODM and Aftermarket in the TPMS solutions.

Our Specialties are:

TPMS solution development

- Our product line covers both passenger and commercial vehicle. From 2-wheel motorcycle up to 30-wheel semi truck. We provide full solution for different kinds of vehicle.
- We are OE qualified supplier with IATF 16949 certification. Our customer includes Suzuki, Mitsubishi Motor, Toyota Taiwan, Yutong Bus, and Foton Bus.
- Leading Aftermarket supplier around the world. We have been working closely with Standard Motor Product (SMP) and Dorman, and both of them are the main auto parts distribution channel in the US. Hella and Hitachi is our customer for Europe and Japan market.
- Innovation developing and technology are patented. There are over 180 Orange Patent around the world, and continue increasing.

System Integration & Data collecting

- With OEM project and fleet management for semi truck, we are able to integrate TPMS to OE system and fleet management devices.
- Beside TPMS itself, we also provide TPMS scan tool and its application for TPMS relative services, which requires data collecting and database management. Providing sales analysis to enrich customer services.
- Due to the demands of tire hotel, we are also capable to integrate the scan tool function with tire hotel's ERP system. It provides the flexibility and eases the process of TPMS replacement for our customer.



Pegatron Corporation

Website: <https://www.pegatroncorp.com/>
Address: No. 96, Ligong Street, Beitou Dist., Taipei
City 112, Taiwan
Employees: 173,000
Tel.: +886-2-8143-9001
Established: 2008

PEGATRON™

Company Profile

PEGATRON was founded on January 1, 2008. With abundant product development experience and vertically integrated manufacturing, we are committed to providing clients with innovative design, systematic production and manufacturing service in order to comprehensively and efficiently satisfy all of our customers' needs. PEGATRON features a solid R&D team, friendly, fast service quality as well as a high degree of employee cohesion. Furthermore, we have combined EMS and ODM industries to become an emerging Design and Manufacturing Service(DMS) company.

Our product development in Car Electronics:

- **Car Entertainment System Application Service:**
Pegatron's car entertainment system adopts the latest microprocessors combined with our proprietary software to support control, networking, multimedia, graphics, vehicle information and app interface etc. We provide customized product functions and human-machine interface, as well as integrated solutions such as IoV device remote management and cloud modules, including multiple size screens, multi-touch, multiple smart phone connection, multiple 3D navigation and graphic information, multimedia playback for the front/rear seats, noise-cancelling voice control and text-to-speech, as well as the integration of various advanced driver assistance systems.
- **Vehicle Telematics System:**
New-generation smart remote vehicle telematics system solution includes functions such as: Emergency call and service report telephone and remote diagnostics that are in compliance with international vehicle safety regulations.
- **Advanced Driver Assistance System:**
Advanced driver assistance system is integrated into the vehicle entertainment system, combining computer graphics with deep learning technology to provide forward collision warning, pedestrian detection, and traffic sign recognition.



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UniMax Electronics Inc.

Website: www.unimax.com.tw
Address: No. 15, Lide Rd., Beitou Dist., Taipei City 112,
Taiwan
Employees: 30-50
Tel.: +886-2-2897-0689
Established: 2007



Company Profile

UniMax Electronics Inc. is a professional automotive electronics design and manufacturing company, fully-owned by ASUS Group. The company leverages world-class research resources to develop high-quality, cutting-edge technology that customizes and enhances in-vehicle digital experiences for customers everywhere. By integrating ASUS Group resources and leading-edge solutions, UniMax has a goal of expanding its OE supply chain to international automobile makers while firmly establishing itself as a global pioneer of innovation in the automotive electronics and manufacturing industry.

Professional Supply – A Tier 1 and Tier 2 Professional Supplier of Automotive Electronics

UniMax, a Tier 1 and Tier 2 professional supplier, provides reliable automotive electronics solutions including design, manufacturing, accreditation and after-sales service; we provide carmaker customers with the most competitive custom-made automotive electronics components.

By designing and manufacturing a wide range of automotive electronics components, UniMax can provide customers with comprehensive solutions that answer an overall framework of the in-vehicle electronics products featuring: **HEAD-UP DISPLAY(HUD), Driver Monitoring System(DMS), Digital Video Recorder(DVR), In-Vehicle Infotainment (IVI) SYSTEM, Gesture Control Solution, Wireless Charger, etc.**

Particularly, along with most products adopted by leading global automobile manufacturers, we have abundant experiences working with them by providing good quality and reliability as well as custom-made high flexibility.



Whetron electronics

Website: www.whetron.com
Address: 5F., No. 959, Zhongzheng Rd., Zhonghe Dist.,
New Taipei City 235604, Taiwan
Employees: 800+
Tel.: +886-2-8226-7999
Established: 1983



Company Profile

Whetron was established in 1983 with a vision to become the leading supplier of automobile electronic parts for major car manufacturers around the world. WHETRON has provided to well-known car manufacturers and tier 1 automotive parts makers. WHETRON's headquarter locates in Taipei, with global production and distribution service network around the world, total 8 branches. Our core services and products are listed below. Among those, we focus Advanced Driving Assistant System (ADAS) as the top of our future business operations.

System Design & Develop - 200 engineers in house

- LINE I. Intelligent Parking (IPA) – low speed scenario
- LINE II. Intelligent Driving Aid (IDA) – driving speed scenario
- LINE III. Convenience Enhancement Kits

LINE I	LINE II	LINE III
Auto Emergency Breaking	Driver Monitor System	Kick Sensing On Tailgate
Blind Spot Clearance Radar	Camera Monitoring System	Smart Keyless Entry
Surrounding View Camera	Front Adas Camera & Recorder	Outer Mirror Folding Control

Component Manufacturing- 5 factories in the region

1. Digital Ultrasonic Sensor -40KHz~58KHz
2. Hi-definition machine vision camera – 2M~8M pixels
3. Radio Frequency Antenna and module – 125KHz ~433KHz
4. Millimeter-wave radar – 24Ghz~79Ghz
5. Central Control Units – CAN/ LIN programmed



Matchmaking

I am interested in meeting with the following companies:

- Cub Elecparts Inc.:** Auto Parts, TPMS (Tire Pressure Monitoring System), ADAS (Advance Driving Assistant System)
- CubTEK Inc.:** 24GHz, 77GHz mmWave Radar & ADAS provider
- EOI GmbH:** Led Design and Manufacturing, Printed Circuit Board (PCB) Assembly, Original Design Manufacturer, Unique EOI Module Technology
- Foxtron Vehicle Technologies Co., Ltd.:** Open platform EV Kit, Drive-by-wire technology, C Segment Electric Vehicle, electric city buses
- K.S. Terminals Inc.:** Electrical Terminals, Automotive Connectors, Green Energy Connectors, Charging Connectors for Electric Vehicles
- Orange Electronic:** supplier to both OEM/ODM and Aftermarket in the TPMS solutions (wireless tire pressure monitoring system)
- Pegatron:** product development in Car Electronics: Car Entertainment System Application Service, Vehicle Telematics System, Advanced Driver Assistance System
- UniMax Electronics Inc.:** designing and manufacturing HEAD-UP DISPLAY(HUD), Driver Monitoring System(DMS), Digital Video Recorder(DVR), In-Vehicle Infotainment (IVI) SYSTEM, Gesture Control Solution, Wireless Charger, etc.
- Whetron electronics:** Auto Emergency Breaking, Blind Spot Clearance Radar, Surrounding View Camera (LINE I), Driver Monitor System, Camera Monitoring System, Front Adas Camera & Recorder (LINE II), Kick Sensing on Tailgate, Smart Keyless Entry, Outer Mirror Folding Control (LINE III)

Company Information

Your Company Information for the Matchmaking

Company Name:

Contact Person:

E-Mail:

Phone Number:

I am looking for a business partner that can fit the following requirements:

Please send your signed participation sheet to Blechert.Linda@taiwan.ahk.de until May 14th, 2021.

For further information, please contact:

Ms. Linda Blechert 戴佩玲

Senior Manager,

Events, Delegations & Governmental Affairs

Tel: +886-2-7735-7504

E-Mail: Blechert.Linda@taiwan.ahk.de

I agree with the saving of my data (Name, E-Mail, Phone Number) by the German Trade Office Taipei. I am allowing the German Trade Office Taipei to share my data with the Taiwanese co-organizers and participating Taiwanese companies.



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