

# 2017 年台日高科技創新技術合作商機媒合研討會

## 一、緣起

筑波為日本最大的研究都市，設立筑波研究學園都市，日本研究機構 1/3 設在此，其研究領域包含建築、化學、醫藥生技、資訊科技、食品等。日本經濟產業省管轄的日本貿易振興機構 (JETRO) 創立地區間交流支援計畫 ( RIT : Regional Industry Tie-up program )，運用筑波研究支援中心(TCI)的網絡，連結該地區之新創企業、大學、研究機構等，藉由 TCI 執行該計畫之事前調查案，訪台評估筑波地區與台灣合作之可能性，並尋找潛在合作夥伴。共同推動台灣與筑波產學研機構之台日創新技術合作，促進實質合作商機。

JETRO RIT 計畫以 IOT(如：IT、軟體、資訊通訊機器、分析機器等)及工業 4.0、醫療器材等技術為核心，尋找技術移轉、共同研究開發、機器/零組件/原料進出口代理商、委託生產製造商及投資機會等。

本次活動由 TCI 帶領日本筑波核心企業來台進行技術展示及參訪。台灣企業遴選則透過市府及工研院推薦邀請，企業間互動模式採深度媒合，聆聽日本企業展示介紹的同時開放台灣企業個別預約日本企業進行洽商，在活動現場即可進行深度洽談，擁有更多互動及合作商談機會，打造創新技術實質合作機會。

**二、主辦單位：**工業技術研究院(ITRI)、株式会社筑波研究支援中心(TCI)、  
日本貿易振興機構 ( JETRO)

**三、指導單位：**臺南市政府經發局、臺中市工商發展投資策進會

**四、協辦單位：**臺灣創新快製媒合中心、臺中市產業創新協會

兩場次開放報名! **名額有限 8/24 截止報名**，報名從速!

## 五、臺南場:

- 活動時間: 2017 年 8 月 29 日 ( 二 )，下午 14:00
- 活動地點: 經濟部南台灣創新園區 (台南市 709 安南區工業二路 31 號 服務館)
- 報名方式: 線上報名(&活動詳情)  
<https://goo.gl/forms/Qwg2OgMWZjX1EZi02>
- 聯絡人: 張劭瑜 小姐 / 07-3311658\*806 / email: itri531322@itri.org.tw

## 六、臺中場:

- 活動時間: 2017 年 8 月 30 日 ( 三 ) · 下午 14:00
- 活動地點: 中科管理局工商服務大樓 4 樓 (台中市西屯區中科路 6 號 )
- 報名方式: 線上報名(&活動詳情)  
<https://goo.gl/forms/Qwg2OgMWZjX1EZi02>
- 聯絡人: 鐵介雯 小姐 / 03-5917983 / email: itriA00137@itri.org.tw

## 七、活動議程:

時間	活動內容	
13:30	報到	
14:00-14:20	貴賓致詞	
14:20-15:20	日本筑波企業技術介紹發表 Session 1	企業洽商(預約制) Session 1
	14:20-14:40 企業 1	14:20-14:50 預約時段 A
	14:40-15:00 企業 2	14:50-15:20 預約時段 B
	15:00-15:20 企業 3	
15:20-15:40	日本筑波企業重點展示交流&休息時間	
15:40-16:50	日本筑波企業技術介紹發表 Session 2	企業洽商(預約制) Session 2
	15:40-16:00 企業 4	15:20-15:50 預約時段 C
	16:00-16:20 企業 5	15:50-16:20 預約時段 D
	16:20-16:50 TCI 代理介紹	16:20-16:50 預約時段 E
16:50-17:30	日本筑波企業重點展示暨交流	

- \*備註: 1. 主辦單位保有議程調整之權利  
2. 本活動全程安排日語逐步口譯  
3. 預約企業洽商主辦單位保有初步篩選之權利，申請後另行通知預約時段  
4. 日本企業簡介請參考以下附件(此資料僅限本活動使用，請勿移作它用，謝謝!)

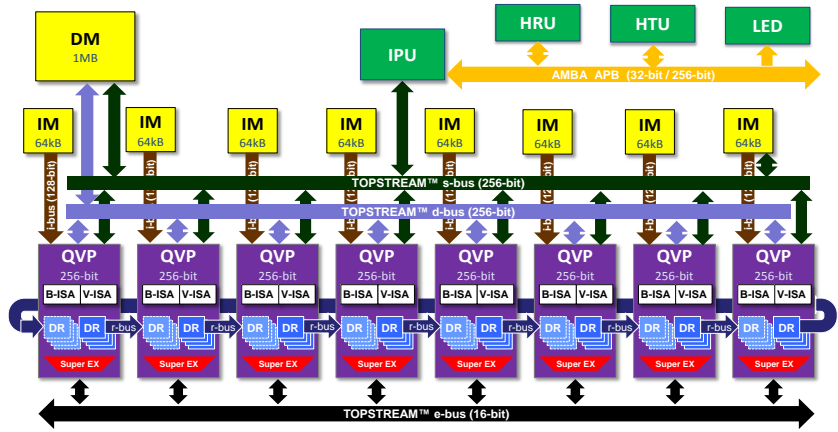
# 附件

# Taiwan-Japan Enterprises Cooperation Information (1/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社トプスシステムズ
		(英語) TOPS Systems Corp.
2	Address (所在地)	(日本語) 茨城県つくば市竹園 1-6-1 つくば三井ビル 5階
		(英語) Tsukuba Mitsui Building 5F 1-6-1 Takezono, Tsukuba
3	Representative (代表者名)	(日本語) 松本 祐教
		(英語) Yukoh Matsumoto, Ph.D.
4	Industry field (産業分類)	Information Technology Provider / Semiconductor - Microprocessor IP Provider (Multicore, Manycore)
5	Phone number (電話番号)	+81-29-851-2005
6	FAX	+81-29-875-8634
7	E-Mail	yukoh@topscom.co.jp
8	Website	<a href="http://www.topscom.co.jp">http://www.topscom.co.jp</a>
9	Business description (事業内容)	<ul style="list-style-type: none"> <li>- R&amp;D of Microprocessor, Semiconductor, and Software Technology</li> <li>- Licensing of Multicore / Manycore Processor IPs</li> <li>- Parallel Processing Software Development for Manycore Processors</li> </ul>
10	Product (主力商品)	SMYLEvideo(Gen-2) Manycore Processor
11	Established in (創業・設立)	1999年 12月
12	Personnel (従業員等数)	Management (役員): 3      Formal & Contract (正社員・契約社員): 7 Part time (パート等): 0
13	Domestic location (国内拠点)	Tsukuba Mitsui Building 5F 1-6-1 Takezono, Tsukuba, Ibaraki 305-0032 JAPAN
14	International location (海外拠点)	TOPS Systems America Corp. 1608 SHREEN CT SAN JOSE, CA 96124 U.S.A.
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	Denso TOYOTA Motor Corp. NEDO New Energy and Industrial Technology Development Organization Mitsubishi UFJ Morgan Stanley

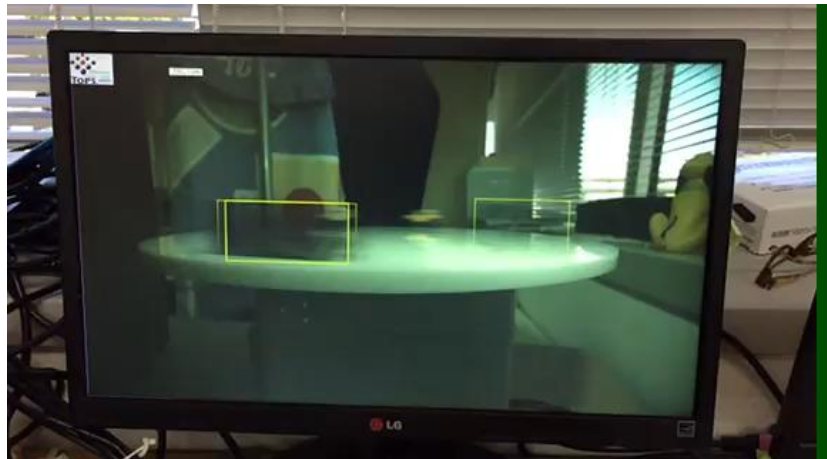
16	International trading partner (主要海外取引先)	LG Electronics
<b>Finance information</b>		
17	Capital(資本金)	Yen 100M
		2014
		2015
		2016(forecast)
18	Sales revenue (売上高)	
19	Revenue (經常利益)	
20	Profit (当期利益)	
<b>Contact information</b>		
21	Supervisor (業務責任者)	Name : Yukoh Matsumoto Division : Title : President & CEO
		TEL :029-851-2005 FAX :029-875-8634 Mobile phone :080-5536-4411
		E-MAIL : yukoh@topscom.co.jp
		Address : Tsukuba Mitsui Building 5F, 1-6-1 Takezono, Tsukuba, Ibaraki
22	Contact person (連絡担当者)	Name : Yukoh Matsumoto Division : Title : President & CEO
		TEL :029-851-2005 FAX :029-875-8634 Mobile phone :080-5536-4411
		E-MAIL : yukoh@topscom.co.jp
		Address : Tsukuba Mitsui Building 5F, 1-6-1 Takezono, Tsukuba, Ibaraki
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____
<b>Technology or product information</b>		
23	Name (技術・製品の名称)	SMYLEvideo(Gen-2) Manycore Processor IP
24	Description (技術・製品の内容)	<p>Manycore Processor IP for Computer Vision and AI (Deep Learning) that provides high-level of Programmability, High-Performance, Low-Power Small, and Scalability with the number of cores as well as clock frequency.</p> <ul style="list-style-type: none"> <li>- Configurable Manycore Platform</li> <li>- Proprietary Processor Core (ISA and Microarchitecture)</li> <li>- Proprietary Zero-Overhead Inter-Core Communications (Patent)</li> </ul>

Organization of SMYLEvideo(Gen-2) 8 core version



25

Photos  
(写真等)



Object Detection ( more than 150fps with only 8 cores operating at 50MHz)

26

Features  
(including innovation, superiority, difference)  
(技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))

Example application is the world fastest object detection with Dataflow based stream processing on SMYLEvideo(Gen-2) Manycore achieved more than 150fps (5 times) of Object Detection speed with 8 cores running at only 50MHz (1/52 of clock frequency). Amount of memory access is reduced to 1/280 compared to a conventional CPU.

8 core configuration of SMYLEvideo(Gen-2) is estimated less than 8Mgate and 1.5MByte of SRAM, and its estimated chip size is 4mm x 4mm and consumes less than 700mW at 40nm CMOS Technology.

The number of core as well as clock frequency of SMYLEvideo(Gen-2) could be scalable from 8 to 128 cores, and 100MHz up to 800MHz, according to its applications.

27


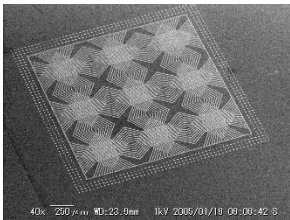
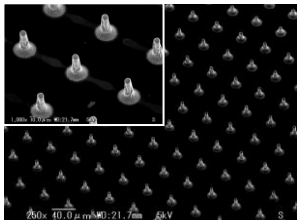
ISO or other certificates  
(免許、許認可、特許、ISO など)

Patents : 14 in Japan, and 1 in US.  
In the field of Microprocessor, Parallel Processing, 3D-LSI stacking, Simulation, Security, etc.

Matching information			
28	Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)	<input type="checkbox"/> Intellectual property right introduce (知的財産導入) <input type="checkbox"/> Looking for technology (技術を探す) <input type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい)) <input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す) <input checked="" type="checkbox"/> Looking for funding (資本調達) <input checked="" type="checkbox"/> Looking for R&D partnership (研究開発パートナーを探す) <input type="checkbox"/> Others (その他) _____	<input checked="" type="checkbox"/> Export Intellectual property rights (知的財産輸出) <input checked="" type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転)) <input checked="" type="checkbox"/> Looking for buyer (提供先を探す (販売したい)) <input type="checkbox"/> Looking for agents (代理店を探す) <input type="checkbox"/> Looking for investment target (投資先を探す) <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)
29	Description for matching target (ニーズ 具体的内容)	Looking for an early adopter of SMYLEvideo(Gen-2) Manycore IP who provides evolutionary ASSP manycore chips to world-wide emerging market for Computer Vision and AI applications, especially as the only one processor for Software Defined Sensor system.	
30	Description for matching means (希望 アプローチ先)	<input type="checkbox"/> materials(素材) <input type="checkbox"/> components(部品) <input type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input type="checkbox"/> agents (代理店) <input checked="" type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください) <u>MediaTek</u> technology/equipment (技術/設備) <u>Microprocessor IP</u> _____	
Information management			
31	Date of filling information (資料記入日)	2016年 7月19日	
32	Matching information (情報公開)	<input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 18, 19, 20 )	

## Taiwan-Japan Enterprises Cooperation Information (2/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社 SIJ テクノロジ
		(英語) SIJTechnology, Inc.
2	Address (所在地)	(日本語) 茨城県つくば市東光台 5-9-5
		(英語) 5-9-5 Tokodai, Tsukuba, Ibaraki, Japan
3	Representative (代表者名)	(日本語) 村田 和広
		(英語) Kazuhiro Murata
4	Industry field (産業分類)	貴社の産業分類をご記入してください : the manufacturing industry
5	Phone number (電話番号)	+81-29-896-5110
6	FAX	+81-29-896-5111
7	E-Mail	info@sijtechnology.com
8	Website	http://www.sijtechnology.com/en
9	Business description (事業内容)	Manufacture and sales about Super Inkjet products
10	Product (主力商品)	Super Inkjet Printer
11	Established in (創業・設立)	2005 年 4 月
12	Personnel (従業員等数)	
13	Domestic location (国内拠点)	Ibaraki Tokyo
14	International location (海外拠点)	No
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	University, National institute, R&D department of company
16	International trading partner (主要海外取引先)	University, National institute, R&D department of company

Finance information				
17	Capital(資本金)	Non-disclosure		
		2015	2016	2017(forecast)
18	Sales revenue (売上高)	Non-disclosure	Non-disclosure	Non-disclosure
19	Revenue (経常利益)	Non-disclosure	Non-disclosure	Non-disclosure
20	Profit (当期利益)	Non-disclosure	Non-disclosure	Non-disclosure
Contact information				
21	Supervisor (業務責任者)	Name : Kazuhiro Murata Title : CEO		
		TEL : +81-29-896-5110 FAX : +81-29-896-5111		
		E-MAIL : k-murata@sijtechnology.com		
		Address : 5-9-5 Tokodai, Tsukuba, Ibaraki, Japan		
22	Contact person (連絡担当者)	Name : Kotaro Shimizu Division : Development & Marketing Title : Manager		
		TEL : +81-29-896-5110 FAX : +81-29-896-5111		
		E-MAIL : k-shimizu@sijtechnology.com		
		Address : 5-9-5 Tokodai, Tsukuba, Ibaraki, Japan		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
Technology or product information				
23	Name (技術・製品の名称)	Super Inkjet Printer		
24	Description (技術・製品の内容)	Super inkjet(SIJ) technology is an advanced inkjet microdeposition technology. It allows for ultra-precision printing down to the submicrometer scale by producing ultra-microscopic droplets which are 1/1000 <sup>th</sup> of the volume of conventional inkjet droplets. We have experience in using a wide range of functional fluids such as conductive ink, Insulating ink, resist ink, UV ink, solvent ink, protein material, etc.		
25	Photos (写真等)	  		
		Super Inkjet Printer	Circuit pattern	Micro bumps





26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>Super Inkjet technology developed by the National Institute of Advanced Industrial Science and Technology (AIST). Allows the ejection of super-fine droplets much smaller than the droplets ejected by a conventional inkjet printer - 1/10 smaller in size and 1/1000 smaller in volume.</p> <p>Super Inkjet printer is compact and can be placed on a desktop. The printer allows single micron scale patterns comparable to the photolithographic methods to be drawn directly under normal temperature and normal atmospheric pressure.</p> <ul style="list-style-type: none"> <li>◆Super fine patterning Droplet volume : 0.1fl(femtoliter) ~ 10pl(picoliter)</li> <li>◆Wide range of viscosity Viscosity range : 0.5 ~ 10,000cps(non-heated)</li> <li>◆Large variety of usable fluids</li> </ul>		
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	<p>CE marking</p>		
<b>Matching information</b>				
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;"> <ul style="list-style-type: none"> <li><input type="checkbox"/>Intellectual property right introduce (知的財産導入)</li> <li><input checked="" type="checkbox"/>Looking for technology (技術を探す)</li> <li><input checked="" type="checkbox"/>Looking for vendors (供給先を探す (仕入れたい))</li> <li><input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す)</li> <li><input type="checkbox"/>Looking for funding (資本調達)</li> <li><input checked="" type="checkbox"/>Looking for R&amp;D partnership (研究開発パートナーを探す)</li> <li><input type="checkbox"/>Others (その他)_____</li> </ul> </td> <td style="vertical-align: top; width: 50%;"> <ul style="list-style-type: none"> <li><input type="checkbox"/>Export Intellectual property rights (知的財産輸出)</li> <li><input type="checkbox"/>Technology transfer to Taiwan (技術を提供する (技術移転))</li> <li><input checked="" type="checkbox"/>Looking for buyer (提供先を探す (販売したい))</li> <li><input type="checkbox"/>Looking for agents (代理店を探す)</li> <li><input type="checkbox"/>Looking for investment target (投資先を探す)</li> <li><input type="checkbox"/>Looking for funding (with share) (合資パートナーを探す)</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li><input type="checkbox"/>Intellectual property right introduce (知的財産導入)</li> <li><input checked="" type="checkbox"/>Looking for technology (技術を探す)</li> <li><input checked="" type="checkbox"/>Looking for vendors (供給先を探す (仕入れたい))</li> <li><input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す)</li> <li><input type="checkbox"/>Looking for funding (資本調達)</li> <li><input checked="" type="checkbox"/>Looking for R&amp;D partnership (研究開発パートナーを探す)</li> <li><input type="checkbox"/>Others (その他)_____</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/>Export Intellectual property rights (知的財産輸出)</li> <li><input type="checkbox"/>Technology transfer to Taiwan (技術を提供する (技術移転))</li> <li><input checked="" type="checkbox"/>Looking for buyer (提供先を探す (販売したい))</li> <li><input type="checkbox"/>Looking for agents (代理店を探す)</li> <li><input type="checkbox"/>Looking for investment target (投資先を探す)</li> <li><input type="checkbox"/>Looking for funding (with share) (合資パートナーを探す)</li> </ul>
<ul style="list-style-type: none"> <li><input type="checkbox"/>Intellectual property right introduce (知的財産導入)</li> <li><input checked="" type="checkbox"/>Looking for technology (技術を探す)</li> <li><input checked="" type="checkbox"/>Looking for vendors (供給先を探す (仕入れたい))</li> <li><input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す)</li> <li><input type="checkbox"/>Looking for funding (資本調達)</li> <li><input checked="" type="checkbox"/>Looking for R&amp;D partnership (研究開発パートナーを探す)</li> <li><input type="checkbox"/>Others (その他)_____</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/>Export Intellectual property rights (知的財産輸出)</li> <li><input type="checkbox"/>Technology transfer to Taiwan (技術を提供する (技術移転))</li> <li><input checked="" type="checkbox"/>Looking for buyer (提供先を探す (販売したい))</li> <li><input type="checkbox"/>Looking for agents (代理店を探す)</li> <li><input type="checkbox"/>Looking for investment target (投資先を探す)</li> <li><input type="checkbox"/>Looking for funding (with share) (合資パートナーを探す)</li> </ul>			

29	Description for matching target (ニーズ 具体的内容)	Target field <b>■Advanced technology</b> ・ Printable electronics    ・ Solar-cells    ・ Touch panels    ・ LEDs <b>■Alternative technology</b> ・ Partial platings    ・ Resists coating    ・ Bumps forming    ・ Dispenser devices <b>■Optics technology</b> ・ Photomasks    ・ Microlenses    ・ Microfilters <b>■Biotechnology</b> ・ Pipetting device of protein material    ・ Cell scaffolds    ・ Microarrays
30	Description for matching means (希望 アプローチ先)	<b>■materials(素材) ■components(部品) ■manufacturer (装置メーカー)</b> <b>■product user (製品ユーザー) □agents (代理店)</b> □others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください) <u>ITRI, 国立台湾大学、国立清華大学、国立交通大学、国立成功大学、国立中央大学、国立中興大学、国立中山大学、台北医学大学、国立台湾科技大学、長庚大学 など</u> technology/equipment (技術/設備)_____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2017年5月26日
32	Matching information (情報公開)	<input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <b>■ partial non public (一部公開不可) ( No. : 12 )</b>

## Taiwan-Japan Enterprises Cooperation Information (3/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社ピコサーム
		(英語) PicoTherm Corporation
2	Address (所在地)	(日本語) 〒305-0047 茨城県つくば市千現二丁目1番6号
		(英語) 2-1-6 Sengen, Tsukuba, Ibaraki 305-0047 Japan
3	Representative (代表者名)	(日本語) 石川 佳寿子
		(英語) Kazuko Ishikawa
4	Industry field (産業分類)	貴社の産業分類をご記入してください： 分析機器製造業
5	Phone number (電話番号)	+81-29-828-7540
6	FAX	+81-29-828-7541
7	E-Mail	mail@pico-therm.com
8	Website	<a href="http://www.pico-therm.com">http://www.pico-therm.com</a>
		<a href="https://www.facebook.com/picotherm">https://www.facebook.com/picotherm</a>
9	Business description (事業内容)	1. Development / Manufacturing / Sales of Thermal Analysis System 2. Thermal Analysis Service for Thin Film
10	Product (主力商品)	1. Thermal Analysis System - NanoTR 2. Thermal Analysis System - PicoTR
11	Established in (創業・設立)	2008年5月
12	Personnel (従業員等数)	
13	Domestic location (国内拠点)	Tsukuba
14	International location (海外拠点)	-
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	Netzsch <a href="https://www.netzsch-thermal-analysis.com">https://www.netzsch-thermal-analysis.com</a>

16	International trading partner (主要海外取引先)	-		
<b>Finance information</b>				
17	Capital(資本金)	8,000,000 yen		
		2015	2016	2017(forecast)
18	Sales revenue (売上高)			
19	Revenue (經常利益)			
20	Profit (当期利益)			
<b>Contact information</b>				
21	Supervisor (業務責任者)	Name : Kazuko Ishikawa    Division : -    Title : President		
		TEL : +81-29-828-7540    FAX : +81-29-828-7541		
		Mobile phone : +81-90-8700-7157		
		E-MAIL : k-ishikawa@pico-therm.com		
		Address : 2-1-6 Sengen, Tsukuba, Ibaraki 305-0047 Japan		
22	Contact person (連絡担当者)	Name : Kazuko Ishikawa    Division : -    Title : President		
		TEL : +81-29-828-7540    FAX : +81-29-828-7541		
		Mobile phone : +81-90-8700-7157		
		E-MAIL : k-ishikawa@pico-therm.com		
		Address : 2-1-6 Sengen, Tsukuba, Ibaraki 305-0047 Japan		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
<b>Technology or product information</b>				
23	Name (技術・製品の名称)	1. Thermal Analysis System - NanoTR 2. Thermal Analysis System - PicoTR		
24	Description (技術・製品の内容)	PicoTherm' s "NanoTR" and "PicoTR" thermal analysis systems for thin films are the world' s first analyzers to provide high precision measurements of thermophysical properties of metallic, oxide, organic and other films. These analyzers enable rapid and highly precise measurements of thermal diffusivity, thermal effusivity, thermal conductivity and interfacial thermal resistance for films, as thick as several 10s of μm and as thin as several 10s of nm, formed on any substrate.		

<p>25</p>	<p>Photos (写真等)</p>	<p>1. Thermal Analysis System - NanoTR</p>  <p>Thermal Analysis System - PicoTR</p> 
<p>26</p>	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>1. Thermophysical Analysis of Thin Films, including Multilayer Structures NanoTR and PicoTR can measure the thermal diffusivity, thermal effusivity and conductivity of thin films and the interfacial thermal resistance between thin films of multi-layer films.</p> <p>2. High-speed Measurement NanoTR's state-of-the-art signal processing technology means high speed measurements.</p>

		<p>3. RF and FF configuration</p> <p>NanoTR and PicoTR can be configured for both RF (rear heating / front detection) and FF (front heating / front detection) measurements, enabling measurement of a wide variety of samples.</p> <p>4. Traceability to National Standards</p> <p>NanoTR / PicoTR ensure traceability to the National Standard in calibration process.</p> <p>RM1301-a ( for NanoTR ) Titanium Nitride Thin Film CRM5808-a ( for PicoTR) Molybdenum Film</p>	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	<p>1. CE marking</p> <p>2. Japanese Industrial Standards (JIS) in ceramics were enacted in 2011.</p> <p>JIS R 1689 “Determination of thermal diffusivity of fine ceramic films by pulsed light heating thermoreflectance method”</p> <p>JIS R 1690 “Determination of interfacial thermal resistance between fine ceramic film and metal film”</p>	
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p><input type="checkbox"/>Intellectual property right introduce (知的財産導入)</p> <p><input type="checkbox"/>Looking for technology (技術を探す)</p> <p><input type="checkbox"/>Looking for vendors (供給先を探す ( 仕入れたい ))</p> <p><input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す)</p> <p><input type="checkbox"/>Looking for funding (資本調達)</p> <p><input type="checkbox"/>Looking for R&amp;D partnership (研究開発パートナーを探す)</p>	<p><input type="checkbox"/>Export Intellectual property rights (知的財産輸出)</p> <p><input type="checkbox"/>Technology transfer to Taiwan (技術を提供する ( 技術移転 ))</p> <p><input checked="" type="checkbox"/>Looking for buyer (提供先を探す ( 販売したい ))</p> <p><input type="checkbox"/>Looking for agents (代理店を探す)</p> <p><input type="checkbox"/>Looking for investment target (投資先を探す)</p> <p><input type="checkbox"/>Looking for funding (with share) (合資パートナーを探す)</p>

		<input type="checkbox"/> Others (その他)_____
29	Description for matching target (ニーズ 具体的内容)	Looking for buyer related to the fields of <ul style="list-style-type: none"> <li>- Phonon engineering</li> <li>- Semiconductor memories / ReRAM, PRAM</li> <li>- Power Devices</li> <li>- LEDs</li> <li>- Flat panel displays</li> <li>- Thermoelectric materials / Thermoelectric conversion elements</li> <li>- Phase-change thin films</li> <li>- Resin films</li> <li>- Magnetic thin films</li> <li>- Interlayer dielectric films / Low-k</li> <li>- Gate insulator films / High-k etc.</li> </ul>
30	Description for matching means (希望 アプローチ先)	<input checked="" type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input checked="" type="checkbox"/> product user (製品ユーザー) <input type="checkbox"/> agents (代理店) <input checked="" type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください) __ Taiwan Semiconductor Manufactory Company ( TSMC )、台湾交通大学等 _____ technology/equipment (技術/設備)_____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2017年 5月 26日
32	Matching information (情報公開)	<input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 12,18,19,20 )

# Taiwan-Japan Enterprises Cooperation Information (4/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社エム・アール・テクノロジー
		(英語) MRTechnology, Inc.
2	Address (所在地)	(日本語) 茨城県つくば市千現 2-1-6
		(英語) TCI-B5, 2-1-6 Sengen, Tsukuba 305-0044 Ibaraki, JAPAN
3	Representative (代表者名)	(日本語) 拝師智之
		(英語) Tomoyuki HAISHI, Ph.D
4	Industry field (産業分類)	貴社の産業分類をご記入してください： Magnetic Resonance Imaging, Bio science, measurement instruments.
5	Phone number (電話番号)	+81-29-859-5075
6	FAX	+81-3-5953-8878
7	E-Mail	haishi@mrtechnology.co.jp
8	Website	<a href="http://www.mrtechnology.co.jp/">http://www.mrtechnology.co.jp/</a>
9	Business description (事業内容)	Research and Development of compact Magnetic Resonance Imaging systems. Import/export business related to NMR/MRI equipment.
10	Product (主力商品)	Compact MRI
11	Established in (創業・設立)	1999年4月
12	Personnel (従業員等数)	Management (役員):            Formal & Contract (正社員・契約社員): Part time (パート等):
13	Domestic location (国内拠点)	Tsukuba-city
14	International location (海外拠点)	Albuquerque, NM, USA
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	University, government and municipal offices, National Institutes, and etc.
16	International trading partner	Not spcsified



	(主要海外取引先)	
<b>Finance information</b>		
17	Capital(資本金)	
		2014                      2015                      2016(forecast)
18	Sales revenue (売上高)	
19	Revenue (経常利益)	
20	Profit (当期利益)	
<b>Contact information</b>		
21	Supervisor (業務責任者)	Name : Tomoyuki HAISHI    Division :                      Title : President&CEO
		TEL :                      FAX :                      Mobile phone :-
		E-MAIL : haishi@mrtechnology.co.jp
		Address :-
22	Contact person (連絡担当者)	Name : Tomoyuki HAISHI    Division :                      Title : President&CEO
		TEL :                      FAX :                      Mobile phone :-
		E-MAIL : haishi@mrtechnology.co.jp
		Address :-
Language you may use :		
( When communicate with Taiwan's entrepreneurs you may use )		
<input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others :- _____		
<b>Technology or product information</b>		
23	Name (技術・製品の名称)	Magnetic Resonance Imaging System
24	Description (技術・製品の内容)	Magnetic Resonance Imaging System
25	Photos (写真等)	<p style="text-align: center;"><a href="http://www.mrtechnology.co.jp/">http://www.mrtechnology.co.jp/</a></p>

26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	Windows-based digital MRI systems.	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	N.A.	
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p><input type="checkbox"/> Intellectual property right introduce (知的財産導入)  <input checked="" type="checkbox"/> Looking for technology (技術を探す)  <input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい))  <input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す)  <input type="checkbox"/> Looking for funding (資本調達)  <input checked="" type="checkbox"/> Looking for R&amp;D partnership (研究開発パートナーを探す)  <input type="checkbox"/> Others (その他) _____</p>	<p><input type="checkbox"/> Export Intellectual property rights (知的財産輸出)  <input checked="" type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転))  <input checked="" type="checkbox"/> Looking for buyer (提供先を探す (販売したい))  <input checked="" type="checkbox"/> Looking for agents (代理店を探す)  <input type="checkbox"/> Looking for investment target (投資先を探す)  <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)</p>
29	<p>Description for matching target (ニーズ 具体的内容)</p>	<p><b>We look for an application R&amp;D partner of MRI related science.</b>  <b>We look for company or institute who has technology of designing magnetic circuit for MRI.</b>  <b>We look for a business partner who can organize business team with above specialties in Taiwan and MRTechnology in Japan.</b></p>	

30	Description for matching means (希望アプローチ先)	<input type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input checked="" type="checkbox"/> product user (製品ユーザー) <input checked="" type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____ technology/equipment (技術/設備)_____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2016年7月27日
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input type="checkbox"/> partial non public (一部公開不可) ( No. :                    )

# Taiwan-Japan Enterprises Cooperation Information (5/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社フジヒラ
		(英語) Fujihira Co., Ltd.
2	Address (所在地)	(日本語) 茨城県つくば市千現2 - 1 - 6 (つくば研究支援センター C-A-1)
		(英語) C-A-1 Tsukuba Center, 2-1-6 Sengen, Tsukuba, Ibaraki, 305-0047 Japan
3	Representative (代表者名)	(日本語) 藤平 誠一
		(英語) Seiichi Fujihira
4	Industry field (産業分類)	貴社の産業分類をご記入してください： manufacturer
5	Phone number (電話番号)	+81-29-875-8401
6	FAX	
7	E-Mail	info2@fujihira-gr.co.jp
8	Website	<a href="http://www.fujihira-gr.co.jp/">http://www.fujihira-gr.co.jp/</a>
9	Business description (事業内容)	development, production and marketing of superconducting and cryogenic equipment
10	Product (主力商品)	superconducting and cryogenic equipments: Cryostat,etc.
11	Established in (創業・設立)	1996年 5月
12	Personnel (従業員等数)	
13	Domestic location (国内拠点)	C-A-1 Tsukuba Center, 2-1-6 Sengen, Tsukuba, Ibaraki, 305-0047 Japan
14	International location (海外拠点)	NO
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	Public research institutes and universities
		National Institute for Materials Science(NIMS) Railway Technical Research Institute(RTRI)



			
26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>Custom-made of cryogenic equipments including FRP Cryostats. Reasonable Price of custom-made cryogenic equipments. High performance of thermal insulation.</p>	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>		
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice)</p>	<p><input type="checkbox"/>Intellectual property right introduce (知的財産導入) <input type="checkbox"/>Looking for technology</p>	<p><input type="checkbox"/>Export Intellectual property rights (知的財産輸出) <input type="checkbox"/>Technology transfer to Taiwan</p>


	(マッチング ニーズタイプ) (貴社のニーズタイプ をお選びください。複 数選択可。)	(技術を探す) <input type="checkbox"/> Looking for vendors (供給 先を探す (仕入れたい)) <input checked="" type="checkbox"/> Looking for product as agent (代理販売する/ブラ ンドを探す) <input type="checkbox"/> Looking for funding (資本 調達) <input checked="" type="checkbox"/> Looking for R&D partnership (研究開発パ ートナーを探す) <input type="checkbox"/> Others (その他)_____	(技術を提供する (技術移転)) <input checked="" type="checkbox"/> Looking for buyer (提供先を探 す (販売したい)) <input checked="" type="checkbox"/> Looking for agents (代理店を探 す) <input type="checkbox"/> Looking for investment target (投資先を探す) <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)
29	Description for matching target (ニーズ 具体的内容)	Development of markets. Research institutes and universities.	
30	Description for matching means (希望 アプローチ先)	<input type="checkbox"/> materials(素材) <input type="checkbox"/> components(部品) <input type="checkbox"/> manufacturer (装置メーカー) <input checked="" type="checkbox"/> product user (製品ユーザー) <input checked="" type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示くだ さい) _____ technology/equipment (技術/設備)_____	
<b>Information management</b>			
31	Date of filling information (資料記入日)	2016年7月23日	
32	Matching information (情報公開)	<input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 12.16.18.19.20. )	

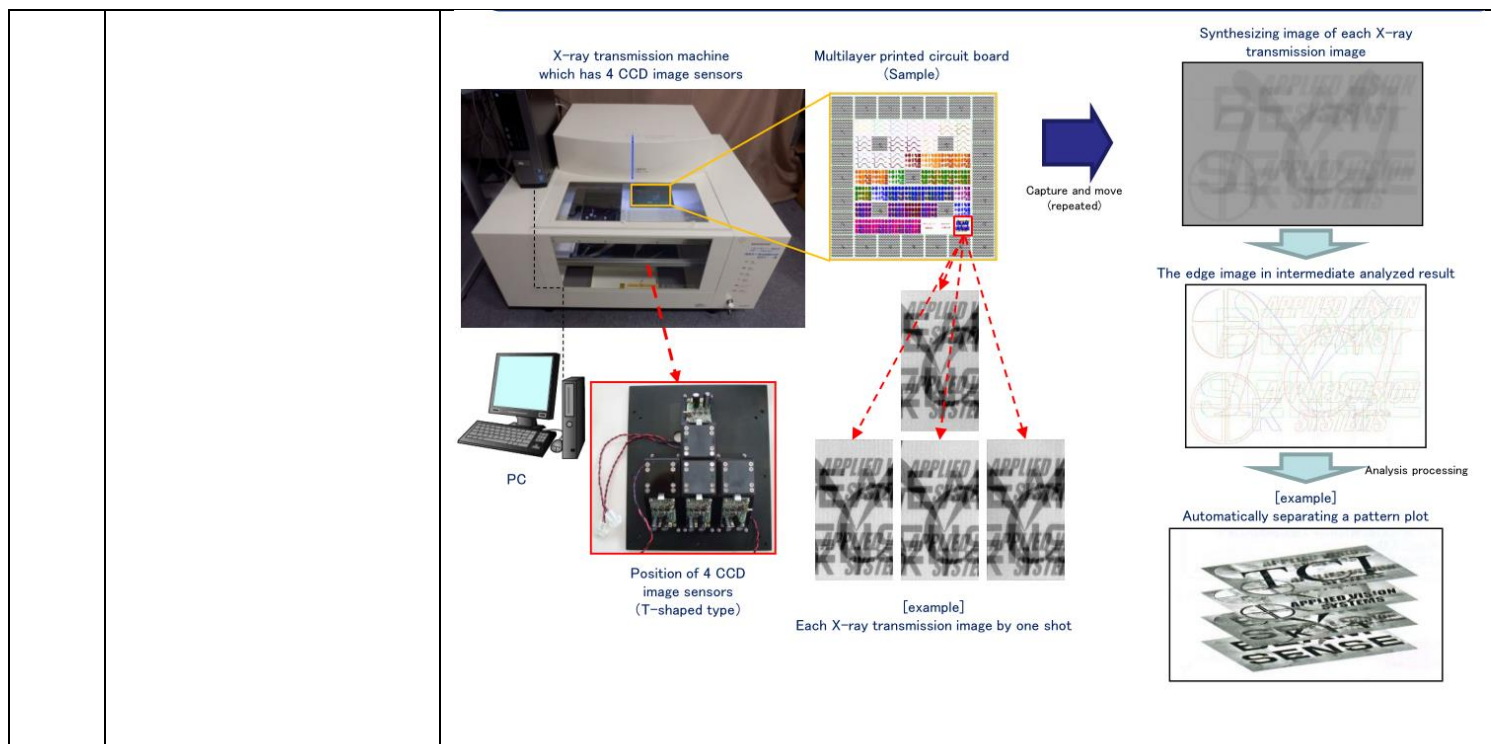
# Taiwan-Japan Enterprises Cooperation Information (6/18)

No	Company information	
1	Company name (企業名)	アプライド・ビジョン・システムズ Applied Vision Systems Corp.
2	Address (所在地)	茨城県つくば市梅園 2-7-3 つくばシティビル 403 Tsukuba City Building 403, Umezono 2-7-3, Tsukuba city, Ibaraki, Japan
3	Representative (代表者名)	高橋 裕信 Hironobu Takahashi
4	Industry field (産業分類)	Software service industry (Industry of commissioned development of software)
5	Phone number (電話番号)	+81-29-855-7652
6	FAX	+81-29-855-7659
7	E-Mail	avs-sales@avsc.jp
8	Website	http://avsc.jp
9	Business description (事業内容)	3D measurement system solution Image processing system solution
10	Product (主力商品)	Stereo Vision Technology GPS-image sensing solution
11	Established in (創業・設立)	2004 年 11 月
12	Personnel (従業員等数)	Management (役員): 4      Formal & Contract (正社員・契約社員):12 Part time (パート等): 0
13	Domestic location (国内拠点)	Tsukuba City
14	International location (海外拠点)	No location
15	Main distributor or partner in domestic	NTT Group, Seiko holdings, AIST,etc BeamSense(X-ray machine provided partner)
16	International trading partner (主要海外取引先)	No



Finance information				
17	Capital(資本金)	\24,250,000		
		2014	2015	2016(forecast)
18	Sales revenue (売上高)	\278,838,717	\223,671,482	\(200,000,000)
19	Revenue (經常利益)	\33,083,714	\17,388,575	\(20,000,000)
20	Profit (当期利益)	\23,323,614	\13,944,029	\(15,000,000)
Contact information				
21	Supervisor (業務責任者)	Name : Hironobu Takahashi Division :		
		Title : President		
		TEL : 029-855-7652 FAX : 029-855-7659		
		E-MAIL : hironobu@avsc.jp		
		Address : Tsukuba City Building 403, Umezono 2-7-3, Tsukuba city		
22 (1)	Contact person (main) (連絡担当者)	Name : Hironobu Takahashi Division :		
		Title : President		
		TEL : 029-855-7652 FAX : 029-855-7659		
		E-MAIL : hironobu@avsc.jp		
		Address : Tsukuba City Building 403, Umezono 2-7-3, Tsukuba city		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
22 (2)	Contact person (sub) (連絡担当者)	Name : Norihisa Okuma Division : Operation Department		
		Title : Chief		
		TEL : 029-855-7652 FAX : 029-855-7659		
		E-MAIL : okuma@avsc.jp		
		Address : Tsukuba City Building 403, Umezono 2-7-3, Tsukuba city		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
Technology or product information				
23 (1)	Name (技術・製品の名称)	Technology of measurement system for mobile mapping.		
24 (2)	Description (技術・製品の内容)	We have developed the technology of measurement and analysis system for mobile mapping.		

<p>25 (2)</p>	<p>Photos (写真等)</p>	
<p>26 (2)</p>	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>3D measurement and analysis software which have highly precise calibration algorithm.</p> <p>This system can process a high-resolution camera and laser scanner. And We can provide a high-definition ortho image for drawing CAD data.</p>
<p>27 (2)</p>	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	
<p>23 (2)</p>	<p>Name (技術・製品の名称)</p>	<p>Technology for plotting circuit pattern of multilayer board by X-ray stereo vision method</p>
<p>24 (2)</p>	<p>Description (技術・製品の内容)</p>	<p>To develop new X-ray machines which have multi capture devices to deal with a complicated pattern and detailed inspection.</p> <p>To develop highly precise calibration algorithm to enable relative 3D measurement of the 10μm image sensor position.</p>
<p>25 (2)</p>	<p>Photos (写真等)</p>	



<p>26 (2)</p>	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>We have developed technology for separating a substrate and a semiconductor film from each other in multilayer printed circuit board by improving an X-ray radio scope machines and by utilizing a 3D measuring system of stereo vision method. Using this technology, a non-destructive inspection for a multilayer printed circuit pattern is possible in a manufacturing process.</p>
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<p>27 (2)</p>	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	<p>JAPAN PATENT: No 504454060</p>
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**Matching information**

<p>28</p>	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<table border="0"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li><input type="checkbox"/> Intellectual property right introduce (知的財産導入)</li> <li><input type="checkbox"/> Looking for technology (技術を探す)</li> <li><input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい))</li> <li><input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す)</li> </ul> </td> <td style="vertical-align: top; padding-left: 20px;"> <ul style="list-style-type: none"> <li><input type="checkbox"/> Export Intellectual property rights (知的財産輸出)</li> <li><input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転))</li> <li><input type="checkbox"/> Looking for buyer (提供先を探す (販売したい))</li> <li><input type="checkbox"/> Looking for agents (代理店を探す)</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Intellectual property right introduce (知的財産導入)</li> <li><input type="checkbox"/> Looking for technology (技術を探す)</li> <li><input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい))</li> <li><input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す)</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Export Intellectual property rights (知的財産輸出)</li> <li><input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転))</li> <li><input type="checkbox"/> Looking for buyer (提供先を探す (販売したい))</li> <li><input type="checkbox"/> Looking for agents (代理店を探す)</li> </ul>
<ul style="list-style-type: none"> <li><input type="checkbox"/> Intellectual property right introduce (知的財産導入)</li> <li><input type="checkbox"/> Looking for technology (技術を探す)</li> <li><input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい))</li> <li><input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す)</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Export Intellectual property rights (知的財産輸出)</li> <li><input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転))</li> <li><input type="checkbox"/> Looking for buyer (提供先を探す (販売したい))</li> <li><input type="checkbox"/> Looking for agents (代理店を探す)</li> </ul>			

		<input type="checkbox"/> Looking for funding (資本調達) <input checked="" type="checkbox"/> Looking for R&D partnership (研究開発パートナーを探す) <input type="checkbox"/> Others (その他)_____	<input type="checkbox"/> Looking for investment target (投資先を探す) <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)
29	Description for matching target (ニーズ 具体的内容)	Objectives of our overseas business include (1) the procurement of products relating to 3-dimensional visual sensing (especially, GPS and IMU module). and (2) the creation of customers for our products (especially, X-ray inspection system).	
30	Description for matching means (希望 アプローチ先)	<input type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____ technology/equipment (技術/設備)_____	
<b>Information management</b>			
31	Date of filling information (資料記入日)	2016年7月25日	
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input type="checkbox"/> partial non public (一部公開不可) ( No. :                    )	

# Taiwan-Japan Enterprises Cooperation Information (7/18)

No	Company information	
1	Company name (企業名)	(日本語) ペンギンシステム株式会社
		(英語) Penguin System Co.,Ltd.
2	Address (所在地)	(日本語) 〒305-0047 茨城県つくば市千現 2-1-6 つくば研究支援センター CB10
		(英語) CB10, TCI, 2-1-6, Sengen, Tsukuba-city, Ibaraki-pref., Japan #305-0047
3	Representative (代表者名)	(日本語) 仁衡 琢磨
		(英語) NIHIRA Takuma
4	Industry field (産業分類)	貴社の産業分類をご記入してください： Software development / Design, development and practical realization of various novel devices (Medical devices, general industrial devices...)
5	Phone number (電話番号)	+86-29-846-6671
6	FAX	+86-29-846-6672
7	E-Mail	taiwan@penguins.co.jp
8	Website	<a href="http://www.penguins.co.jp/en/">http://www.penguins.co.jp/en/</a>
9	Business description (事業内容)	Development of tailor-made software designed to support researchers
		Development of software for medical use (Especially good at ion beam radiotherapy).
		Design, development and practical realization of various novel devices (Medical devices, general industrial devices...)
10	Product (主力商品)	Development of tailor-made software, medical software, software for health maintenance and management, industrial software including automation system; joint research/development: implementation of projects assigned by the government; and development of new equipment.
11	Established in (創業・設立)	March, 1983
12	Personnel (従業員等数)	Management (役員): 3    Formal & Contract (正社員・契約社員): 20 Part time (パート等): 1

13	Domestic location (国内拠点)	Tsukuba Kobe		
14	International location (海外拠点)	None		
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	National Institute of Advanced Industrial Science and Technology ( AIST ) , National Institute of Radiological Sciences, University of Gunma		
16	International trading partner (主要海外取引先)	None		
<b>Finance information</b>				
17	Capital(資本金)	25,000,000 JPY		
		2014	2015	2016(forecast)
18	Sales revenue (売上高)			
19	Revenue (経常利益)			
20	Profit (当期利益)			
<b>Contact information</b>				
21	Supervisor (業務責任者)	Name : NIHIRA Takuma      Title : Managing Director		
		TEL : +81-29-846-6671    FAX : +81-29-846-6672		
		Mobile phone : +81-90-1404-3895		
		E-MAIL : taiwan@penguins.co.jp		
		Address : CB10,TCI,Sengen,Tsukuba-city,Ibaraki-pref.,#305-0047		
22	Contact person (連絡担当者)	Name : TAKAGI Daisuke    Division : Procution Promotion Devision		
		Title : R&D Engineer		
		TEL : +81-29-846-671    FAX : +81-29-846-6672		
		Mobile phone : +81-90-1404-3895		
		E-MAIL : taiwan@penguins.co.jp		
		Address : CB10,TCI,Sengen,Tsukuba-city,Ibaraki-pref.,#305-0047		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
<b>Technology or product information</b>				
23	Name	1. Radiotherapy software		

	(技術・製品の名称)	<p>1-1. The positioning system for ion beam radiotherapy.  1-2. Patient specific QA(Quality Assurance) management system  1-3. DICOM RT-Viewer (Customizable)</p> <p>2. Medical equipment  2-1. Portable Syringe harmless equipment  2-2. And more equipment are now in development phase(We can't introduce description in this year, but we can do it in next year)</p>
24	<p>Description  (技術・製品の内容)</p>	<p>1. Radiotherapy software  1-1. The positioning system for ion beam radiotherapy.  We have developed software for treatment sites which employ the highly advanced medical technology performed by the National Institute of Radiological Sciences(NIRS), headquartered in Chiba City, Japan and Gunma University in Gunma, Japan.  We created software, used on-site, that helps doctors at the NIRS/Gunma University precisely administer treatments that utilize heavy-ion radiotherapy, a cancer-fighting technique developed by the institute.  When it comes to administering radiation to patients, two of the most important factors for all techniques, including heavy ion radiotherapy, are "how much" to give and "where" on the patient it should be administered.  The software developed at Penguin System helps doctors decide the "where" part of the equation. * Please confer the picture in No.24  Since the patient is never in the exact same position twice, doctors must constantly adjust where they aim the radiation.  This is where our software steps in, rather than having the hospital staff manually adjust where the treatment is performed each time, a tedious and potentially error-prone process, the software we developed examines the patients x-rays and automatically corrects for any changes in the patient's posture or position.  It does this by comparing the current x-rays with ones taken previously and measures both the horizontal and vertical changes.  It then presents these changes to the medical team, allowing them to adjust the equipment accordingly.</p>

1-2. Patient specific QA(Quality Assurance) management system  
 Our system is a web system to do "Patient specific QA(Quality Assurance) management" workflow more easily. Our system can

- (1) Gamma analyzation automatically
- (2) Produce ledger sheets as PDF
- (3) Managing patient specific QA phase with web interface.

1-3. DICOM RT-Viewer (Customizable)

Our DICOM RT-Viewer is our own product. If you want to use our viewer, you can order it. Or if you want to make your tailor-made RT-Viewing system, we can make it by customize our RT-Viewer.

2. Medical equipment

2-1. Portable Syringe harmless equipment

Portable syringe melt/harmless system. It will cost less than 500W. It can be use in mountainous area, island, travelling clinic, and in disaster-stricken area in Taiwan, in Asia, and in all over the world.  
 After melting, it can be treated as non sharp item.

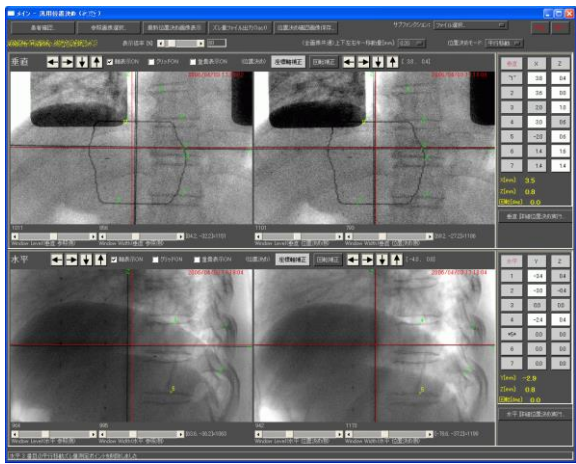
2-2. And more equipment are now in development phase

We can't introduce description in this year, but we can do it in next year.

25

Photos  
(写真等)

1-1.



1-2.

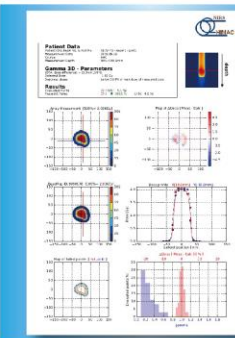


# 患者QA管理システム

## Patient specific QA Management System

- 患者のワークフローをWebで一元管理！  
実施対象をスピーディーに特定！ 実施の進捗も一目で判る！
- 作成が面倒だった帳票を自動生成！
- QA測定結果解析(線量分布検証)を、Web画面からワンクリックで実施可能！

ブラウザから  
全ての操作が可能！



測定結果と治療計画の  
線量分布検証を自動実行！  
「ガンマ解析、 $\Delta$ Dose、各種解析(裏面参照)」

- 解析処理の自動化！ ヒューマンエラーを抑制！！
- 解析時間を短縮！ 治療患者数UPを実現！！

「放射線医学総合研究所様向けに開発、  
現在利用頂いています！」

お客様の運用環境に合わせて  
カスタマイズ可能です。

開発・販売元

**PENGUIN SYSTEM**  
ペンギンシステム株式会社

TEL 029(846)6671  
URI <http://www.penguins.co.jp>  
E-mail [qamanage@penguins.co.jp](mailto:qamanage@penguins.co.jp)



1-3.

**RT-Plan search key**

Patient ID: 999999

Name: Penguin Taro, Birth Date: 1982.09.21, Sex: Male

Plan: 1-1-1

**RT-Structures**

- Bladder.NOS
- Body
- Bone.NOS
- CTV
- GTV
- Kidney.NOS
- Liver
- PTC
- Rectum.NOS
- Lung.NOS
- SpinalCord

**RT-Doses**

RadioID: 01

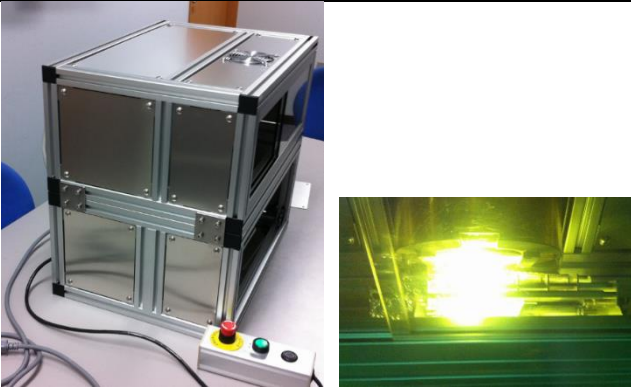
**RT Beam information**

Beam ID	Quantity	Angle	Dose
1	121		28.5
2	185		25.8
3	270		26.1
4	35		28.8

**RT-Record information**

Date and Time	Beam ID	Dose
2014.10.29 10:05:40	2	28.2
2014.10.29 09:55:34	1	29.2
2014.10.28 11:03:03	4	22.2

2-1.

		 <p>2-2. None (We can't show you in this year. We can show you in next year.)</p>
26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>1. Radiotherapy software</p> <p>1-1. The positioning system for ion beam radiotherapy. Our software is for use at 2 important institute/hospital in 5 heavy-ion radiotherapy sites in Japan. It represents our superiority.</p> <p>1-2. Patient specific QA(Quality Assurance) management system Our software is for use at 2 important institute/hospital in 5 heavy-ion radiotherapy sites in Japan. And now in consideration in other 2 sites in Japan. It represents our superiority.</p> <p>1-3. DICOM RT-Viewer (Customizable) Our software had made with our know-how of ion beam radiotherapy software for over 13 years in high-end sites in Japan. And it can be use with Web interface. So, you can use in many scenes in hospital (in patient room, doctor, room etc.).</p> <p>2. Medical equipment</p> <p>2-1. Portable Syringe harmless equipment Other equipment can harmless only for needle of syringe. But our equipment can harmless not only needle but also syringe(Plastic part).</p> <p>2-2. And more equipment are now in development phase We can't introduce description in this year, but we can do it in next year.</p>
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	<p>Medical device manufacturer registration in Japan.</p>


Matching information		
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p> <input type="checkbox"/> Intellectual property right introduce (知的財産導入)  <input type="checkbox"/> Looking for technology (技術を探す)  <input type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい))  <input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す)  <input type="checkbox"/> Looking for funding (資本調達)  <input type="checkbox"/> Looking for R&amp;D partnership (研究開発パートナーを探す)  <input type="checkbox"/> Others (その他)_____ </p> <p> <input type="checkbox"/> Export Intellectual property rights (知的財産輸出)  <input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転))  <input checked="" type="checkbox"/> Looking for buyer (提供先を探す (販売したい))  <input checked="" type="checkbox"/> Looking for agents (代理店を探す)  <input type="checkbox"/> Looking for investment target (投資先を探す)  <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す) </p>
29	<p>Description for matching target (ニーズ具体的内容)</p>	<p>1. Talk with 錫安生技股份有限公司 about the possibility to use our software or order a tailor-made software for their ion beam radiotherapy purpose or accelerator/detector purpose.</p> <p>2. Talk with 馬偕病院 about he possibility to use our software or order a tailor-made software for their ion beam radiotherapy purpose.</p> <p>3. We want search rep in Taiwan to sale our products to Taiwan, Asia, and the world. (We want the rep is especially strong at medical software/equipment and can correspond to medical legals.)</p>
30	<p>Description for matching means (希望アプローチ先)</p>	<p> <input type="checkbox"/> materials(素材) <input type="checkbox"/> components(部品) <input type="checkbox"/> manufacturer (装置メーカー)  <input checked="" type="checkbox"/> product user (製品ユーザー) <input checked="" type="checkbox"/> agents (代理店)  <input checked="" type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください) _____ 錫安生技股份有限公司、馬偕病院          technology/equipment (技術/設備)_____ </p>
Information management		
31	<p>Date of filling information (資料記入日)</p>	<p>4th, Aug, 2016</p>

32	Matching information (情報公開)	<input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 18-20 )
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## Taiwan-Japan Enterprises Cooperation Information (8/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社 Doog
		(英語) Doog Inc.
2	Address (所在地)	(日本語) 茨城県つくば市吾妻3-18-4
		(英語) 18-4, Azuma 3-Chome, Tsukuba-shi, Ibaraki 305-0031 Japan
3	Representative (代表者名)	(日本語) 大島 章
		(英語) Akira Oshima
4	Industry field (産業分類)	貴社の産業分類をご記入してください: Robot
5	Phone number (電話番号)	+81-29-869-9897
6	FAX	+81-29-869-9897
7	E-Mail	info@doog-inc.com
8	Website	http://doog-inc.com/
9	Business description (事業内容)	Planning, development, manufacture, and sale (including rental and lease) of accompanying robots
		Outsourced development of applications that utilize scanning laser range sensors
		Outsourced development of autonomous mobile robots
10	Product (主力商品)	Following Carry Robot 'THOUZER'
11	Established in (創業・設立)	2012 年 11 月
12	Personnel (従業員等数)	
13	Domestic location (国内拠点)	18-4, Azuma 3-Chome, Tsukuba-shi, Ibaraki 305-0031 Japan
14	International location (海外拠点)	-
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	TANA-X,Inc. Matsuya-cho, Gojo-dori Karasuma-Higashi-iru, Shimogyo-ku, Kyoto-city, Kyoto

16	International trading partner (主要海外取引先)	-		
<b>Finance information</b>				
17	Capital(資本金)	Non-disclosure		
		2014	2015	2016(forecast)
18	Sales revenue (売上高)			
19	Revenue (經常利益)			
20	Profit (当期利益)			
<b>Contact information</b>				
21	Supervisor (業務責任者)	Name : Akira Oshima Title : CEO		
		TEL : +81-29-869-9897 FAX : +81-29-869-9897 Mobile phone :		
		E-MAIL : info@doog-inc.com		
		Address : A-1F,18-4, Azuma 3-Chome, Tsukuba-shi, Ibaraki 305-0031 Japan		
22	Contact person (連絡担当者)	Name : Hiroyasu Kuniyoshi Title : CTO		
		TEL : FAX : Mobile phone : +81-80-5063-0336		
		E-MAIL : hiroyasu.kuniyoshi@doog-inc.com		
		Address : A-1F,18-4, Azuma 3-Chome, Tsukuba-shi, Ibaraki 305-0031 Japan		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input checked="" type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
<b>Technology or product information</b>				
23	Name (技術・製品の名称)	Following Carry Robot 'THOUZER'		
24	Description (技術・製品の内容)	THOUZER is a target guided autonomous robot. Follows you and carrying things.		
25	Photos (写真等)			

			
26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>Using a Laser sensor, THOUZER can identify the target and follow the person. With a wide field of view, it can avoid obstacles safely.</p>	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	<p>4 of Patents (PCT).</p>	
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p><input type="checkbox"/> Intellectual property right introduce (知的財産導入)  <input type="checkbox"/> Looking for technology (技術を探す)  <input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい))  <input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す)  <input type="checkbox"/> Looking for funding (資本調達)  <input type="checkbox"/> Looking for R&amp;D partnership (研究開発パートナーを探す)</p>	<p><input checked="" type="checkbox"/> Export Intellectual property rights (知的財産輸出)  <input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転))  <input type="checkbox"/> Looking for buyer (提供先を探す (販売したい))  <input type="checkbox"/> Looking for agents (代理店を探す)  <input type="checkbox"/> Looking for investment target (投資先を探す)  <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)</p>

		<input type="checkbox"/> Others (その他)_____
29	Description for matching target (ニーズ 具体的内容)	<b>1, Procurement the parts and reduce the cost.</b> <b>2, Manufacturing in Taiwan.</b> <b>3, Sales Promotion in Taiwan.</b>
30	Description for matching means (希望 アプローチ先)	<input type="checkbox"/> materials(素材) <input type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input checked="" type="checkbox"/> agents (代理店) <input checked="" type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)____ <u>国睦工業股份有限公司、台湾維順工業股份有限公司、必翔實業股份有限公司</u> technology/equipment (技術/設備)_____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2016年7月27日
32	Matching information (情報公開)	<input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 12,18,19,20 )



# Taiwan-Japan Enterprises Cooperation Information (9/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社ネクステッジテクノロジー
		(英語) nextEDGE Technology K.K.
2	Address (所在地)	(日本語) 茨城県つくば市二の宮 1-13-4 シーズツクバ2 302号
		(英語) 1-13-4 Ninomiya, SEEDS Tsukuba2 #302, Tsukuba, Ibaraki
3	Representative (代表者名)	(日本語) 坂本 堪亮
		(英語) Taisuke Sakamoto
4	Industry field (産業分類)	貴社の産業分類をご記入してください： Information Technology (IT)
5	Phone number (電話番号)	029-858-1126
6	FAX	029-858-7510
7	E-Mail	contact@nextEDGEtech.com
8	Website	www.aeroTAP.net      www.nextEDGEtech.com
9	Business description (事業内容)	Software engineering company Software Internationalization( "I18n" ) and Localization ( "L10n" ) Developing touchless interface, "aeroTAP" 世界の優れたソフトウェアの日本語化、日本マーケットへの紹介 非接触 PC 操作を可能にするインタフェース aeroTAP 開発
10	Product (主力商品)	Software, IT 関連製品
11	Established in (創業・設立)	2003年3月
12	Personnel (従業員等数)	Management (役員):2      Formal & Contract (正社員・契約社員):3 Part time (パート等):4
13	Domestic location (国内拠点)	Tsukuba, Ibaraki 茨城県つくば市
14	International location (海外拠点)	Washington State, USA
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	Softbank C&S Co., Ltd (ソフトバンク コマース&サービス株式会社) blue Co., Ltd (株式会社ブルー)

16	International trading partner (主要海外取引先)	Gotek Holding Co, Taiwan AV Software, Vietnam		
<b>Finance information</b>				
17	Capital(資本金) (JPY)	JPY 10,000k		
		2014	2015	2016(forecast)
18	Sales revenue (売上高)	37,997k	46,915k	66,500k
19	Revenue (経常利益)	3,692k	5,792k	6,600k
20	Profit (当期利益)	3,620k	5,720k	6,500k
<b>Contact information</b>				
21	Supervisor (業務責任者)	Name : Taisuke Sakamoto Title : Chairman		
		TEL : 029-858-1126 FAX : 029-858-7510 Mobile phone :		
		E-MAIL : contact@nextEDGEtech.com		
		Address : same as No.2		
22	Contact person (連絡担当者)	Name : Hiroko Sakamoto Division : Operations Title :		
		TEL : 029-858-1126 FAX : 029-858-7510 Mobile phone :		
		E-MAIL : hirokos@nextEDGEtech.com		
		Address : same as No.2		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
<b>Technology or product information</b>				
23	Name (技術・製品の名称)	1. aeroTAP, touchless interface 2. aeroTAP 3D camera 1. エアロタップ、タッチレスインタフェース 2. エアロタップ専用 3D カメラ		
24	Description (技術・製品の内容)	With aeroTAP Touchless interface, you can interact with devices by displaying the palm of your hand toward the webcam. aeroTAP works with any existing application and it can be prepared by simply connecting a generic Web camera to a regular PC. aeroTAP allows users to interact with simple gestures without using mouse or keyboard. aeroTAP enables maximize the function by connecting a dedicated "aeroTAP 3D Camera" .		

		<p>エアロタップは、キーボードやマウス、タッチスクリーンなどを使わず、離れた位置からコンピュータを操作するためのインタフェースシステムです。コンピュータを操作するためには、Web カメラを汎用の PC に接続するだけで 既存のアプリケーションを Web カメラに向かってシンプルなジェスチャを行うことで操作を可能にします。</p> <p>また、当社開発の専用 aeroTAP 3D カメラを接続することで、その機能を最大限に引き出すことができます。</p>
25	<p>Photos (写真等)</p>	<p>operating aeroTAP</p>  <p>aeroTAP 3D camera</p> 
26	<p>Features (including innovation, superiority,</p>	<p>aeroTAP Touchless Interface Functionality:</p> <ul style="list-style-type: none"> <li>-No special application required</li> <li>-Able to use existing application.</li> <li>-Various devices selection will be available</li> </ul>


	<p>difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>(Web camera, Infrared camera, Twin-lens camera, Kinect, Leap Motion etc.)</p> <p>-Minimizing CPU resource consumption</p> <p>Design that suppress unnecessary consumption of CPU, memory and resource.</p> <p>aeroTAP タッチレスインタフェースの特徴:</p> <ul style="list-style-type: none"> <li>・アプリケーションの開発が不要・既存のアプリケーションをそのままタッチレス化</li> <li>・各種デバイスの選択が可能 (Web カメラ、赤外線カメラ、2 眼カメラ、Kinect, Leap Motion など)</li> <li>・最小限の CPU リソース消費 CPU、メモリ リソースを不要に消費しない設計</li> </ul>	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>		
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください・複数選択可。)</p>	<p><input type="checkbox"/>Intellectual property right introduce (知的財産導入)</p> <p><input type="checkbox"/>Looking for technology (技術を探す)</p> <p><input checked="" type="checkbox"/>Looking for vendors (供給先を探す (仕入れたい))</p> <p><input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す)</p> <p><input type="checkbox"/>Looking for funding (資本調達)</p> <p><input type="checkbox"/>Looking for R&amp;D partnership (研究開発パートナーを探す)</p> <p><input type="checkbox"/>Others (その他)_____</p>	<p><input type="checkbox"/>Export Intellectual property rights (知的財産輸出)</p> <p><input type="checkbox"/>Technology transfer to Taiwan (技術を提供する (技術移転))</p> <p><input checked="" type="checkbox"/>Looking for buyer (提供先を探す (販売したい))</p> <p><input checked="" type="checkbox"/>Looking for agents (代理店を探す)</p> <p><input type="checkbox"/>Looking for investment target (投資先を探す)</p> <p><input type="checkbox"/>Looking for funding (with share) (合資パートナーを探す)</p>

29	Description for matching target (ニーズ 具体的内容)	Looking for sales agents who can distribute our product  販売代理店契約先を探したい
30	Description for matching means (希望 アプローチ先)	<input type="checkbox"/> materials(素材) <input type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input checked="" type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2016 年 7 月 20 日
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input type="checkbox"/> partial non public (一部公開不可) ( No. :                    )

# Taiwan-Japan Enterprises Cooperation Information (10/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社 シロク
		(英語) Xiroku Inc
2	Address (所在地)	(日本語) 茨城県つくば市千現 2-1-6
		(英語) 2-1-6, Sengen, Tsukuba, Ibaraki, 305-0047, Japan
3	Representative (代表者名)	(日本語) 小川 保二
		(英語) Yasuji Ogawa
4	Industry field (産業分類)	貴社の産業分類をご記入してください： Inffomation Technology
5	Phone number (電話番号)	+81-29-849-5200
6	FAX	+81-29-849-5201
7	E-Mail	
8	Website	Http://www.xiroku.com
9	Business description (事業内容)	Touch Screen
10	Product (主力商品)	Touch Screen, Pressure Sheet Senseo
11	Established in (創業・設立)	2001 年 2 月
12	Personnel (従業員等数)	
13	Domestic location (国内拠点)	2-1-6, Sengen, Tsukuba, Ibaraki, 305-0047, Japan 38,Shinko-cho, Hitachinaka, ibaraki, 312-0005. Japan
14	International location (海外拠点)	Xiroku Taiwan Office
15	Main distributor or partner in domestic (主要国内取引先)	Hitachi, Panaspnic , Sharp , Ricoh

	または協力業者)			
16	International trading partner (主要海外取引先)	Hite Vision(china), IQ board,(China), AHA Inc(Korea)		
Finance information				
17	Capital(資本金)	JP ¥ 70,000,000		
		2014	2015	2016(forecast)
18	Sales revenue (売上高)			
19	Revenue (経常利益)			
20	Profit (当期利益)			
Contact information				
21	Supervisor (業務責任者)	Name : Sadayuki Takahashi Division : Sales Title : Manager		
		TEL : +81-29-849-5200 FAX : +81-29-849-5201 Mobile phone :		
		E-MAIL : takahashi@xiroku.com		
		Address : 2-1-6, Sengen, Tsukuba, Ibaraki, 305-0047, Japan		
22	Contact person (連絡担当者)	Name : Sadayuki Takahashi Division : Sales Title : Manager		
		TEL : +81-29-849-5200 FAX : +81-29-849-5201 Mobile phone :		
		E-MAIL : takahashi@xiroku.com		
		Address : 2-1-6, Sengen, Tsukuba, Ibaraki, 305-0047, Japan		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others :		
Technology or product information				
23	Name (技術・製品の名称)	Touch Screen		
24	Description (技術・製品の内容)	Projective Capacitive Touch Screen Camera Type Touch Screen		
25	Photos (写真等)			

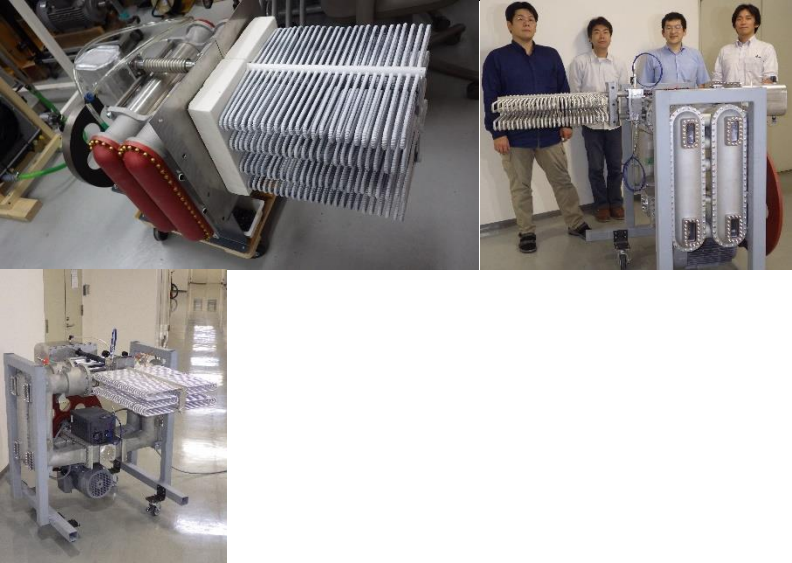
			
26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>Large Size Touch Screen Camera Type 32" ~ 300" Projective Capacitive 55" Large Size Touch Screen 32inch to 300inch</p>	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>		
Matching information			
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p><input type="checkbox"/>Intellectual property right introduce (知的財産導入) <input type="checkbox"/>Looking for technology (技術を探す) <input checked="" type="checkbox"/> <input type="checkbox"/>Looking for vendors (供給先を探す (仕入れたい)) <input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す) <input checked="" type="checkbox"/> <input type="checkbox"/>Looking for funding (資本調達) <input checked="" type="checkbox"/> <input type="checkbox"/>Looking for R&amp;D</p>	<p><input type="checkbox"/>Export Intellectual property rights (知的財産輸出) <input checked="" type="checkbox"/> <input type="checkbox"/>Technology transfer to Taiwan (技術を提供する (技術移転)) <input checked="" type="checkbox"/>Looking for buyer (提供先を探す (販売したい)) <input type="checkbox"/>Looking for agents (代理店を探す) <input type="checkbox"/>Looking for investment target (投資先を探す) <input type="checkbox"/>Looking for funding (with share)</p>



		partnership (研究開発パートナーを探す) (合資パートナーを探す) <input type="checkbox"/> Others (その他)_____
29	Description for matching target (ニーズ 具体的内容)	Interactive Whiteboard Maker Dysplay Monitor Maker Projective Capacitiv Touch Screen sensor
30	Description for matching means (希望 アプローチ先)	<input type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input checked="" type="checkbox"/> product user (製品ユーザー) <input type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください) technology/equipment (技術/設備)_____
Information management		
31	Date of filling information (資料記入日)	2016年 7月 29日
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 12,18,19,20 )

# Taiwan-Japan Enterprises Cooperation Information (11/18)

No	Company information	
1	Company name (企業名)	(日本語) ADMIEXCO エンジン設計株式会社
		(英語) ADMIEXCO Engine Design Corp.
2	Address (所在地)	(日本語) 茨城県つくば市千現 2-1-6 創業プラザ 104
		(英語) 2-1-6-104 Sengen, Tsukuba, Ibaraki 305-0047 JAPAN
3	Representative (代表者名)	(日本語) 宮内 正裕
		(英語) Masahiro Miyauchi
4	Industry field (産業分類)	貴社の産業分類をご記入してください： Manufacture of general-purpose machinery(はん用機械器具製造業)
5	Phone number (電話番号)	+81-(0)29-879-5780
6	FAX	+81-(0)29-879-5784
7	E-Mail	Info@admiexco.com
8	Website	http://admiexco.com/
9	Business description (事業内容)	
10	Product (主力商品)	Stirling engine, biomass- burning cogeneration and plant waste heat recovery generator
11	Established in (創業・設立)	2014 年 3 月
12	Personnel (従業員等数)	
13	Domestic location (国内拠点)	Tsukuba,Ibaraki
14	International location (海外拠点)	None
15	Main distributor or partner in domestic (主要国内取引先 または協力業者)	Japaners agricultural corporations high-energy industry companies National Institute of Advanced Industrial and Technology(AIST) Institute of Industrial Science, The University of Tokyo
16	International trading partner (主要海外取引先)	None

Finance information			
17	Capital(資本金)	9,000,000	
		2014	2015
18	Sales revenue (売上高)		2016(forecast)
19	Revenue (経常利益)		
20	Profit (当期利益)		
Contact information			
21	Supervisor (業務責任者)	Name : Masahiro Miyauchi Division : Title : CEO	
		TEL : +81-(0)29-879-5780 FAX : +81-(0)29-879-5780	
		Mobile phone : +81-(0)90-8925-4224	
		E-MAIL : massa.miyauchi@admiexco.com	
Address : 2-1-6-104 Sengen, Tsukuba, Ibaraki 305-0047 JAPAN			
22	Contact person (連絡担当者)	Name : Eijiro Igari Division : Title :	
		TEL : +81-(0)29-879-5780 FAX : +81-(0)29-879-5784	
		Mobile phone : +81-(0)90-9323-4143	
		E-MAIL : eigari@admiexco.com	
		Address : 2-1-6-104 Sengen, Tsukuba, Ibaraki 305-0047 JAPAN	
Language you may use :		( When communicate with Taiwan's entrepreneurs you may use )	
		<input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____	
Technology or product information			
23	Name (技術・製品の名称)	Stirling engine cogeneration	
24	Description (技術・製品の内容)	Stirling engine, biomass- burning cogeneration and plant waste heat recovery generator	
25	Photos (写真等)		

26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>排熱回収能力が高い・大型高性能熱交換器を備えたスターリングエンジン発電機. Stirling Engine power generator with large high performance heat exchanger.</p>	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	NONE	
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p><input type="checkbox"/> Intellectual property right introduce (知的財産導入) <input checked="" type="checkbox"/> Looking for technology (技術を探す) <input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい)) <input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す) <input type="checkbox"/> Looking for funding (資本調達) <input checked="" type="checkbox"/> Looking for R&amp;D partnership (研究開発パートナーを探す) <input type="checkbox"/> Others (その他)_____</p>	<p><input type="checkbox"/> Export Intellectual property rights (知的財産輸出) <input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転)) <input type="checkbox"/> Looking for buyer (提供先を探す (販売したい)) <input type="checkbox"/> Looking for agents (代理店を探す) <input type="checkbox"/> Looking for investment target (投資先を探す) <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)</p>
29	<p>Description for matching target (ニーズ具体的内容)</p>		

30	Description for matching means (希望アプローチ先)	<input type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____ technology/equipment (技術/設備)_____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2016年8月3日
32	Matching information (情報公開)	<input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 12,18,19,20 )

## Taiwan-Japan Enterprises Cooperation Information (12/18)

此企業今年度不參加

# Taiwan-Japan Enterprises Cooperation Questionnaire(13/18)

No	Company information	
1	Company name (企業名)	(日本語) 炎重工株式会社
		(英語) Homura Heavy Industries Corporation
2	Address (所在地)	(日本語) 岩手県滝沢市穴口 408-10
		(英語) 408-10 Anaguchi, Takizawa, Iwate, Japan.
3	Representative (代表者名)	(日本語) 古澤 洋将
		(英語) Yosuke Furusawa
4	Industry field (産業分類)	- Industries (Field Robotics)
5	Phone number (電話番号)	+81-50-7117-5702
6	FAX	+81-19-618-7562
7	E-Mail	info@hmrc.co.jp
8	Website	<a href="https://www.hmrc.co.jp/">https://www.hmrc.co.jp/</a>
9	Business description (事業内容)	1) Product planning, R&D, manufacturing, support, and services.
		2) Publishing (technical books and reports)
10	Product (主力商品)	Crawler Robot Developers kit (based on Gasoline Engine 125cc)
11	Established in (創業・設立)	February 25, 2016.
12	Personnel (従業員等数)	Management (役員): 1      Formal & Contract (正社員・契約社員): 2 Part time (パート等): 4
13	Domestic location (国内拠点)	Takizawa, Iwate, Japan.
14	International location (海外拠点)	Nothing
15	Main distributor or partner in domestic (主要国内取引先または協力業者)	The Bank of Tokyo-Mitsubishi UFJ, LTD. TECHREVO Corporation.
16	International trading partner	Nothing

	(主要海外取引先)	
<b>Finance information</b>		
17	Capital(資本金)	Yen 34M
		2015                      2016                      2017(forecast)
18	Sales revenue (売上高)	Yen - M                      Yen 0M                      Yen 30M
19	Revenue (経常利益)	Yen - M                      Yen 0M                      Yen - M
20	Profit (当期利益)	Yen - M                      Yen 0M                      Yen - M
<b>Contact information</b>		
21	Supervisor (業務責任者)	Name : Yosuke Furusawa    Division :                      Title : CEO
		TEL : +81-50-7117-5702    FAX : +81-19-618-7562    Mobile : +81-80-2065-5716
		E-MAIL : info@hmrc.co.jp
		Address : 408-10 Anaguchi, Takizawa, Iwate, Japan.
22	Contact person (連絡担当者)	Name : Yosuke Furusawa    Division :                      Title : CEO
		TEL : +81-50-7117-5702    FAX : +81-19-618-7562    Mobile : +81-80-2065-5716
		E-MAIL : info@hmrc.co.jp
		Address : 408-10 Anaguchi, Takizawa, Iwate, Japan.
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) ■ Japanese    □ English    □ Mandarin    □ Others : _____
<b>Technology or product information</b>		
23	Name (技術・製品の名称)	Crawler Robot Developers kit (based on Gasoline Engine 125cc)
24	Description (技術・製品の内容)	We developed of the multi-purpose autonomous controller. All components, including the microprocessor, autonomous software, self-diagnostic system and actuators, were specially designed, and many robust technologies were adopted.
25	Photos (写真等)	





Fig.1 Crawler robot



Fig.2 Multi-purpose autonomous controller.

26

Features  
(including innovation,  
superiority,  
difference)  
(技術・製品の特徴  
(競合他社の類似  
商品と比較した場  
合の優位性や革新  
性))

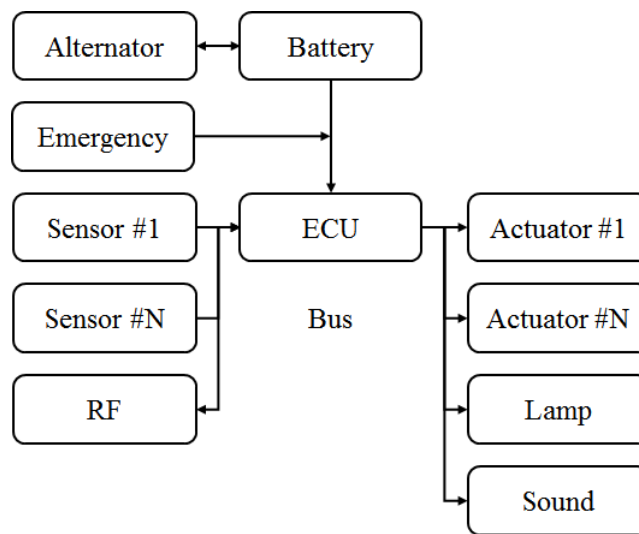


Fig.3 System Architecture



Fig.3 Running on rain condition



Fig.4 Running on snow condition



Fig.5 Running on mud condition



Fig.6 difference in level



Fig.7 across of slope

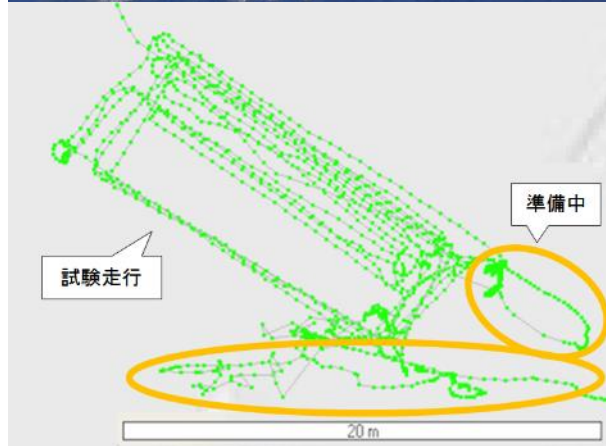




Fig.8 Example of autonomous control

		 <p>Fig.7 across of slope</p>  <p>Fig.8 Example of autonomous control</p>	
27	ISO or other certificates (免許、許認可、特許、ISO など)	Nothing.	
<b>Matching information</b>			
28	Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)	<input type="checkbox"/> Intellectual property right introduce (知的財産導入) <input type="checkbox"/> Looking for technology (技術を探す) <input type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい)) <input checked="" type="checkbox"/> Looking for product as agent (代理販売する/ブラ	<input type="checkbox"/> Export Intellectual property rights (知的財産輸出) <input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転)) <input checked="" type="checkbox"/> Looking for buyer (提供先を探す (販売したい)) <input checked="" type="checkbox"/> Looking for agents (代理店を探す)






		ンドを探す) <input checked="" type="checkbox"/> Looking for funding (資本調達) <input type="checkbox"/> Looking for R&D partnership (研究開発パートナーを探す) <input type="checkbox"/> Others (その他)_____	<input type="checkbox"/> Looking for investment target (投資先を探す) <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)
29	Description for matching target (ニーズ 具体的内容)	<b>Based on the technology of the Crawler robot developers kit, We would like to develop this technology to other work machines. For example, lawn mower, agriculture, transport and so on.</b>	
30	Description for matching means (希望 アプローチ先)	<input type="checkbox"/> materials(素材) <input type="checkbox"/> components(部品) <input type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input checked="" type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____ technology/equipment (技術/設備)___Microprocessor IP _____	
<b>Information management</b>			
31	Date of filling information (資料記入日)	May 16, 2017.	
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input type="checkbox"/> partial non public (一部公開不可) ( No. :         )	

# Taiwan-Japan Enterprises Cooperation Questionnaire(14/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社 ワースペース
		(英語) Warpspace Inc.
2	Address (所在地)	(日本語) 茨城県つくば市天久保 3-21-9 イーストサイドミネ 210
		(英語) 210 Eastside Mine, 3-21-9 Amakubo, Tsukuba Science City, Japan
3	Representative (代表者名)	(日本語) 亀田 敏弘
		(英語) Toshihiro KAMEDA
4	Industry field (産業分類)	- Electrical and mechanical equipment manufacturing
5	Phone number (電話番号)	+81-29-856-8128
6	FAX	+81-29-856-8128
7	E-Mail	toshihiro.kameda@warpspace.jp
8	Website	<a href="http://warpspace.jp">http://warpspace.jp</a>
9	Business description (事業内容)	Provide various equipment and platform service to access space with Low-cost satellite systems
10	Product (主力商品)	Transceiver module, Portable earth station system
11	Established in (創業・設立)	2016年 8月
12	Personnel (従業員等数)	Management (役員): 4      Formal & Contract (正社員・契約社員): 4 Part time (パート等): 5
13	Domestic location (国内拠点)	Tsukuba Science City, Japan
14	International location (海外拠点)	N/A
15	Main distributor or partner in domestic (主要国内取引先)	N/A

	または協力業者)			
16	International trading partner (主要海外取引先)	N/A		
<b>Finance information</b>				
17	Capital(資本金)	Yen 2.15M		
		2015	2016	2017(forecast)
18	Sales revenue (売上高)	N/A	Yen 00M	Yen 10M
19	Revenue (経常利益)	N/A	Yen -1M	Yen 1M
20	Profit (当期利益)	N/A	Yen -1M	Yen 1M
<b>Contact information</b>				
21	Supervisor (業務責任者)	Name : Toshihiro KAMEDA Division : HQ Title : CEO		
		TEL : +81-29-856-8128 FAX : +81-29-856-8128 Mobile phone : +81-90-88043210		
		E-MAIL : toshihiro.kameda@warpspace.jp		
		Address : 210 Eastside Mine, 3-21-9 Amakubo, Tsukuba Science City, Japan		
22	Contact person (連絡担当者)	Name : Toshihiro KAMEDA Division : HQ Title : CEO		
		TEL : +81-29-856-8128 FAX : +81-29-856-8128 Mobile phone : +81-90-88043210		
		E-MAIL : toshihiro.kameda@warpspace.jp		
		Address : 210 Eastside Mine, 3-21-9 Amakubo, Tsukuba Science City, Japan		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
<b>Technology or product information</b>				
23	Name (技術・製品の名称)	<ul style="list-style-type: none"> <li>- Transceiver module for small satellite</li> <li>- Other electrical equipment for small satellite</li> <li>- Portable satellite tracking and control system</li> </ul>		

24	<p>Description (技術・製品の内容)</p>	<ul style="list-style-type: none"> <li>- Low-cost and small transceiver module for cubesat class satellite</li> <li>- All-in-one Li-Ion battery component with temperature control for space use</li> <li>- Low-cost and portable satellite tracking and control with IoT technology</li> </ul>
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25	<p>Photos (写真等)</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Transceiver module for small satellite</p> </div> <div style="text-align: center;">  <p>Portable satellite control station system</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">   <p>Space environment Test facilities (vibration machine and LN cooling vacuum chamber)</p> </div> <div style="text-align: center;">  <p>1U Cubesat flight model</p> </div> </div>
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26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<ul style="list-style-type: none"> <li>- 1/10 (10%) cost compared with other small satellite module vender</li> <li>- IoT concept for satellite tracking</li> <li>- Customization ready various module with software control</li> <li>- Provide complete small satellite system from design to launch and mission control including mandatory space environment test support and downlink data management</li> </ul>	
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	N/A	
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Intellectual property right introduce (知的財産導入)</li> <li><input checked="" type="checkbox"/> Looking for technology (技術を探す)</li> <li><input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい))</li> <li><input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す)</li> <li><input type="checkbox"/> Looking for funding (資本調達)</li> <li><input type="checkbox"/> Looking for R&amp;D partnership (研究開発パートナーを探す)</li> <li><input type="checkbox"/> Others (その他)</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Export Intellectual property rights (知的財産輸出)</li> <li><input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転))</li> <li><input checked="" type="checkbox"/> Looking for buyer (提供先を探す (販売したい))</li> <li><input checked="" type="checkbox"/> Looking for agents (代理店を探す)</li> <li><input type="checkbox"/> Looking for investment target (投資先を探す)</li> <li><input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)</li> </ul>
29	<p>Description for matching target (ニーズ 具体的内容)</p>	<ul style="list-style-type: none"> <li>- GPS module design for space use</li> <li>- Low-cost Electric PCB production and parts mounting</li> <li>- Low-cost mechanical parts and body assembly production for satellite tracking system</li> <li>- Explore and expand market of small satellite in research and educational institute such as universities</li> </ul>	



30	Description for matching means (希望アプローチ先)	<input type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input type="checkbox"/> manufacturer (装置メーカー) <input checked="" type="checkbox"/> product user (製品ユーザー) <input checked="" type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____ technology/equipment (技術/設備)____Microprocessor IP_____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2017年5月22日
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input type="checkbox"/> partial non public (一部公開不可) (No. : )



#### 業務摘要

本公司擁有 6 年在筑波大學開發超小型衛星的經驗，併以此為基礎，將預算為 50 萬日元以內的人造衛星提供從機塊設備到多目的衛星發射平臺等各種產品，旨在將以往因預算而猶豫的潛在用戶普及衛星服務，從而使更多的顧客參與進來，以擴大世界範圍內宇宙開發的市場規模。

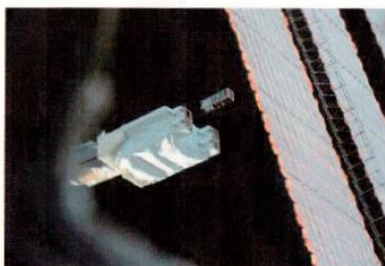
#### 公司名稱與商標

在日新月異的科學技術之中，僅個人即可參加的宇宙時代即將到來。“超越光速，以光速 warp 馳騁於宇宙時代的最前沿”，懷抱著這一願景，本公司取名為“Warp Space”。在此之上，Warp 同時具有摺疊空間的含義，與之同樣，本公司併不會固守成規，而是將時間空間靈活變化以尋求目標的實現。商標中央的球形為高勢能核心，是本公司的標識符號，在此週圍的空間則預示著因中心高勢能的影響而產生的社會變化。

#### 公司成立的背景與目標

至今，宇宙開發一直被認為是國像主導、需要龐大預算的大規模項目。近些年來，隨著公開招標的競爭，宇宙航空研究開發機構 (JAXA) 開始可以實施人工衛星的無償發射程序，大學研究人員著手人工衛星的開發也變為瞭可能。雖然如此，卻仍有對高額預算與設備的要求。在筑波大學，我們認為高要求的一部分原因是衛星機塊設備的市場規模，以及較為保守的安全為本的理唸所導緻，為此進行瞭反復研究。倖運的是，在五年內我們獲得瞭兩架衛星的無償發射機會，經過對於各方難的艱苦研究，成功開發瞭價格僅有以往五分之一不到的人工衛星通信機塊設備原型。將通過瞭各種宇宙環境試驗的材料器材所組成的衛星通信機塊設備以低價格提供，由此來擴大市場規模，也預示著個人級別的宇宙開發將成為可能。以此為契機，我們成立瞭從大學成長的

創業公司“株式會社 Warp Space”，決心為實現個人也可參與宇宙開發做瞭貢獻。首先，我們將實現採用瞭最尖端、低價格設備的智能衛星，以及因可移動地上衛星的普及從而實現可以實時控制的小型衛星群。其次，為瞭應對世界範圍內對於智能衛星需求的爆發式增長，在開發擁有多功能平臺、能以低廉價格提供發射機會的智能共享衛星的同時，擴大地上衛星的數量來實現與宇宙空間的實時通信。在此之上，通過智能衛星的開發從而獲得宇宙開發技能的年青一代，作為能夠如同定製個人 / 個人電腦一般設計智能衛星的次時代宇宙設計者，也一定會活躍在更廣闊的舞臺。Warp Space 將以實現未來能夠應對廣汎 / 汎需求的宇宙開發平臺事業作為目標，不斷探索進取。



公司名稱	株式會社WARPSPACE
成立日期	2016年8月3日
公司住址	305-0005 茨城縣つくば市天久保3-21-9 Eastside Mine 210
聯繫電話	+81-29-856-8128
註冊資本	4,300,000日元 (含資本準備金)
業務內容	通用衛星平臺業務 ・衛星零部件與機塊設備的製造及銷售 ・智能衛星的開發支持 ・基于智能共享衛星提供的宇宙衛星發射服務 ・智能設計衛星的供應
代表取締役	龜田 敏弘

#### 龜田 敏弘 (CEO)

東京大學工學部學士  
東京大學學院工學部研究科碩士  
美國北卡羅來納州立大學(North Carolina State Univ.)  
機械與航空航天工程博士(Ph.D.)  
筑波大學系統情報係準教授  
筑波大學衛星項目負責人 (2011至今)

#### 永田 晃大 (CTO)

筑波大學學院系統情報工學科碩士一年在讀  
筑波大學衛星項目學生組組長 (2015至今)

#### 常間地 悟 (外部重事)

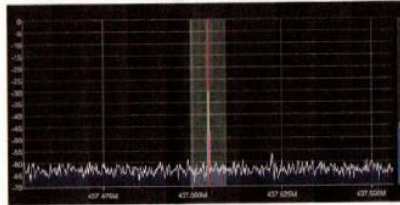
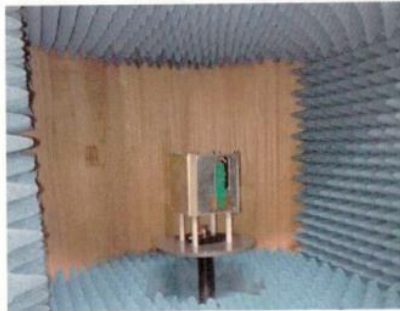
筑波大學國際情報學類學士  
筑波大學學院法學部碩士  
筑波Future Funding理事  
Fuller 株式會社執行委員

#### 小澤 秀司 (顧問)

京都大學工學部學士  
OfficeK代議  
宇宙航空研究開發機構 (JAXA) 原理事

從筑波研究學園都市內大學走動的創業公司的優勢被研究

作為創業公司, 株式会社 Warp Space 于 2016 年 8 月 3 日從筑波大學開始創業之旅。我們不僅擁有通過在筑波大學 6 年關於人工衛星的研究所掌握的知識技術知識, 此外, 以共同研究活動的方式, 可以方便快捷地使用筑波大學所擁有的各種實驗設備同樣是我們的優勢。而且, 由于筑波研究學園都市的地理位置優勢, 便于本公司與宇宙航空研究開發機構 (JAXA) 等研究開發機關之間的交流與合作。今後, 對於公司的國際化成長, 成田機場、羽田機場均在一小時交通圈內, 同樣是不可忽視的優勢。



## OUR MISSION



人々が思い思いに宇宙を  
楽しむ世界を創出しよう

### 招聘信息

本公司誠招同樣以宇宙開發領域為目標的優秀人纜。如對待遇薪資以及其他事項有任何疑問請隨時與我們聯繫。

株式会社 WARPSPACE  
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〒305-0005  
茨城県つくば市天久保 3-21-9 Eastside Mine 210




# Taiwan-Japan Enterprises Cooperation Questionnaire(15/18)

此企業今年度不參加

# Taiwan-Japan Enterprises Cooperation Questionnaire(16/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社ナノルクス
		(英語) nanolux co, ltd.
2	Address (所在地)	(日本語) 茨城県つくば市千現二丁目 1 番地 6
		(英語) 2-1-6 Sengen, Tsukuba-shi, Ibaraki, Japan
3	Representative (代表者名)	(日本語) 祖父江 基史
		(英語) Motoshi SOBUE
4	Industry field (産業分類)	- Manufacturing industry
5	Phone number (電話番号)	+81-29-886-7115
6	FAX	+81-29-886-7116
7	E-Mail	sobue@nanolux.co.jp
8	Website	<a href="http://www.nanolux.co.jp/english/index.html">http://www.nanolux.co.jp/english/index.html</a>
9	Business description (事業内容)	- Development, design, manufacture and sale of electronic equipment and electronic equipment systems such as night vision camera
10	Product (主力商品)	Color night vision camera
11	Established in (創業・設立)	2010 年 1 月
12	Personnel (従業員等数)	Management (役員): 2      Formal & Contract (正社員・契約社員): 4 Part time (パート等): 0
13	Domestic location (国内拠点)	HQ: 2-1-6 Sengen, Tsukuba-shi, Ibaraki, Japan
14	International location (海外拠点)	N/A
15	Main distributor or partner in domestic (主要国内取引先または協力業者)	National Institute of Advanced Industrial Science and Technology (AIST)
16	International trading partner	ASUSTEK COMPUTER INC. (joint development from June, 2017)

	(主要海外取引先)	
<b>Finance information</b>		
17	Capital(資本金)	Yen 67M (In process for the registration as of Jun. 9)
		2015                      2016                      2017(forecast)
18	Sales revenue (売上高)	Yen -1M                      Yen 4M                      Yen 35M
19	Revenue (經常利益)	Yen -1M                      Yen -3M                      Yen -3M
20	Profit (当期利益)	Yen -1M                      Yen -3M                      Yen -3M
<b>Contact information</b>		
21	Supervisor (業務責任者)	Name : Motoshi Sobue    Division : PO    Title : CEO
		TEL : +81-29-886-7115    FAX : +81-29-886-7116
		Mobile phone : +81-70-4017-4350
		E-MAIL : sobue@nanolux.co.jp
		Address : 2-1-6 Sengen, Tsukuba-shi, Ibaraki, Japan
22	Contact person (連絡担当者)	Name : Hitomi OGURA    Division : General Affairs Department
		Title : Chief Administrative Officer
		TEL : +81-29-886-7115    FAX : +81-29-886-7116
		Mobile phone : +81-90-4665-2589
		E-MAIL : ogura@nanolux.co.jp
		Address : 2-1-6 Sengen, Tsukuba-shi, Ibaraki, Japan
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____
<b>Technology or product information</b>		
23	Name (技術・製品の名称)	Color Night Vision by Infrared Illumination
24	Description (技術・製品の内容)	<ul style="list-style-type: none"> <li>- Whereas conventional night-vision cameras provide only monochromatic images, our new imaging technology gives us a great deal of visual information by color imaging on with IR. The color night-vision camera contributes greatly to safety and security driven by high performance on surveillance and the enriched monitor visibility.</li> <li>- Nanolux will develop, manufacture and sell an imaging sensor to enable color night vision technology. The color night-vision camera</li> </ul>

		<p>contributes greatly to safety and security driven by high performance on surveillance and the enriched monitor visibility. The applications will include security cameras, medical and nursing care cameras, assist cameras for vehicles, etc. Our competitive advantages is to have Registered international Patent : Image Capturing Device and Image Capturing Method.</p> <ul style="list-style-type: none"> <li>- As to self-driving area, Color is critical to understand signals and signs in the night. We' ll be able to provide the technologies and to make improvement further enhance the safety of night driving.</li> </ul>
25	<p>Photos (写真等)</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Camera</b></p> <p>3 CMOS (High-end)</p>  <p>Feb 2017</p> <p>LED camera (customized)</p>  <p>Sample in Apr 2017</p> </div> <div style="text-align: center;"> <p><b>Solutions</b></p>  <p>Far distance, Backlight, miniaturization...</p> <p>The total solution will be provided for customers' needs.</p> </div> </div>
26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>"Color night vision camera" has superiority in that it can shoot even in dark as compared with "Super high sensitivity cameras" which are competitive products, and can be manufactured at the same price as conventional cameras if mass-produced. Existing large companies are advertising that "super high sensitivity cameras" can shoot even nearly dark, but they cannot recognize objects again at night when the light of the city does not arrive. Also, since the ultrahigh sensitivity camera uses special mechanisms, expensive lenses and the like, the price is expensive, since frame accumulation is used, there is a disadvantage that it is vulnerable to moving images.</p>
27	<p>ISO or other certificates (免許、許認可、</p>	<p>1. Image capturing apparatus and image capturing method Patent No. 5874116 (Registration date: 2016.1.29) Inventor: Yasushi NAGAMUNE</p>

	<p>特許、ISO など)</p>	<p>Applicant: AIST (50%), Nanolux (50%: Exclusive license)          画像撮影装置および画像撮影方法 特許第 5874116 号          ( 登録日:2016.1.29 )          発明者：永宗 靖          出願人：産総研 ( 50% ) 株式会社ナノルクス ( 50% : 独占実施権 )</p> <p>2. Image capturing apparatus and image capturing method          Patent No. 6010723 (Registration date: 2016.9.30)          Inventor: Yasushi NAGAMUNE          Applicant: AIST (50%), Nanolux (50%: Exclusive license)          画像撮影装置および画像撮影方法 特許第 6010723 号          ( 登録日:2016.9.30 )          発明者：永宗 靖          出願人：産総研 ( 50% ) 株式会社ナノルクス ( 50% : 独占実施権 )</p>	
<b>Matching information</b>			
28	<p>Cooperation method (multiple choice)          (マッチングニーズタイプ)          (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p><input type="checkbox"/>Intellectual property right introduce (知的財産導入)  <input checked="" type="checkbox"/>Looking for technology (技術を探す)  <input checked="" type="checkbox"/>Looking for vendors (供給先を探す ( 仕入れたい ))  <input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す)  <input type="checkbox"/>Looking for funding (資本調達)  <input checked="" type="checkbox"/>Looking for R&amp;D partnership (研究開発パートナーを探す)  <input type="checkbox"/> Others (その他)_____</p>	<p><input type="checkbox"/>Export Intellectual property rights (知的財産輸出)  <input type="checkbox"/>Technology transfer to Taiwan (技術を提供する ( 技術移転 ))  <input checked="" type="checkbox"/>Looking for buyer (提供先を探す ( 販売したい ))  <input type="checkbox"/>Looking for agents (代理店を探す)  <input type="checkbox"/>Looking for investment target (投資先を探す)  <input type="checkbox"/>Looking for funding (with share) (合資パートナーを探す)</p>
29	<p>Description for matching target (ニーズ 具体的内容)</p>	<p><b>(1) Realization of image sensor that can provide high quality and stable supply</b>  <b>(2) Development of applied products that accurately grasp customer needs</b></p>	

30	Description for matching means (希望アプローチ先)	<input checked="" type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input checked="" type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____ technology/equipment (技術/設備)__Microprocessor IP _____
<b>Information management</b>		
31	Date of filling information (資料記入日)	2017年 6月 9日
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input type="checkbox"/> partial non public (一部公開不可) ( No. :         )



# Taiwan-Japan Enterprises Cooperation Questionnaire(17/18)

No	Company information	
1	Company name (企業名)	(日本語) サイトセンシング (株)
		(英語) Site Sensing Inc.
2	Address (所在地)	(日本語) 東京都千代田区内神田 1-15-6
		(英語) 1-15-6,Uchikanda,Chiyoda-ku,Tokyo、Japan
3	Representative (代表者名)	(日本語) 平林 隆
		(英語) Hirabayashi, Takashi
4	Industry field (産業分類)	Software Development
5	Phone number (電話番号)	+81-3-5577-3375
6	FAX	NA
7	E-Mail	Info@site-sensing.com
8	Website	http://site-sensing.com
9	Business description (事業内容)	Developing smaller wearable modules for indoor-&outdoor-positioning for pedestrians and vehicles.
10	Product (主力商品)	PDR-plus
11	Established in (創業・設立)	2012年6月
12	Personnel (従業員等数)	Management (役員): 3      Formal & Contract (正社員・契約社員): 5 Part time (パート等): 1
13	Domestic location (国内拠点)	Tokyo, Japan
14	International location (海外拠点)	NA
15	Main distributor or partner in domestic (主要国内取引先または協力業者)	Shikino HiTech
16	International trading partner (主要海外取引先)	NA
<b>Finance information</b>		

17	Capital(資本金)	Yen 8M		
		2015	2016	2017(forecast)
18	Sales revenue (売上高)	Yen 00M	Yen 00M	Yen 00M
19	Revenue (經常利益)	Yen -00M	Yen -00M	Yen 00M
20	Profit (当期利益)	Yen -00M	Yen -00M	Yen 00M
<b>Contact information</b>				
21	Supervisor (業務責任者)	Name : T.Hirabayashi Division : Sales Title : Managing Director		
		TEL :+81-3-5577-3375 FAX :NA Mobile phone :NA		
		E-MAIL : t.hirabayashi@site-sensing.com		
		Address : 1-15-6 Uchikannda, Chiyoda-ku, Tokyo		
22	Contact person (連絡担当者)	Name : The same as above Division : Title :		
		TEL : FAX : Mobile phone :		
		E-MAIL :		
		Address :		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
<b>Technology or product information</b>				
23	Name (技術・製品の名称)	PDR-plus		
24	Description (技術・製品の内容)	A small wearable module for indoor-&outdoor positioning for pedestrians and industry vehicles such as forklifts, carts and AGVs.		
25	Photos (写真等)	NA		
26	Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品	Specialized tech called Dead Reckoning(DR.) The combination of DR and GPS enables indoor-&outdoor-positioning. Also developed a consistent IoT system for positioning for the variety of industries on a global basis.		


	と比較した場合の優位性や革新性))	
27	ISO or other certificates (免許、許認可、特許、ISO など)	NA
<b>Matching information</b>		
28	Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)	<input type="checkbox"/> Intellectual property right introduce (知的財産導入) <input type="checkbox"/> Looking for technology (技術を探す) <input checked="" type="checkbox"/> Looking for vendors (供給先を探す (仕入れたい)) <input type="checkbox"/> Looking for product as agent (代理販売する/ブランドを探す) <input type="checkbox"/> Looking for funding (資本調達) <input type="checkbox"/> Looking for R&D partnership (研究開発パートナーを探す) <input type="checkbox"/> Others (その他) _____
		<input type="checkbox"/> Export Intellectual property rights (知的財産輸出) <input type="checkbox"/> Technology transfer to Taiwan (技術を提供する (技術移転)) <input type="checkbox"/> Looking for buyer (提供先を探す (販売したい)) <input type="checkbox"/> Looking for agents (代理店を探す) <input type="checkbox"/> Looking for investment target (投資先を探す) <input type="checkbox"/> Looking for funding (with share) (合資パートナーを探す)
29	Description for matching target (ニーズ具体的内容)	-
30	Description for matching means (希望アプローチ先)	<input type="checkbox"/> materials(素材) <input checked="" type="checkbox"/> components(部品) <input type="checkbox"/> manufacturer (装置メーカー) <input type="checkbox"/> product user (製品ユーザー) <input type="checkbox"/> agents (代理店) <input type="checkbox"/> others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください) _____ technology/equipment (技術/設備) ___ Microprocessor IP _____
<b>Information management</b>		
31	Date of filling	2017年7月14日


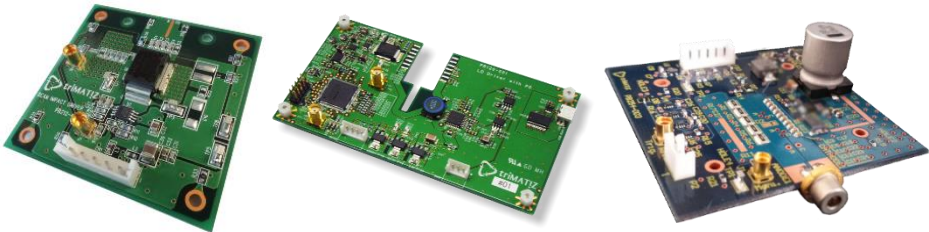
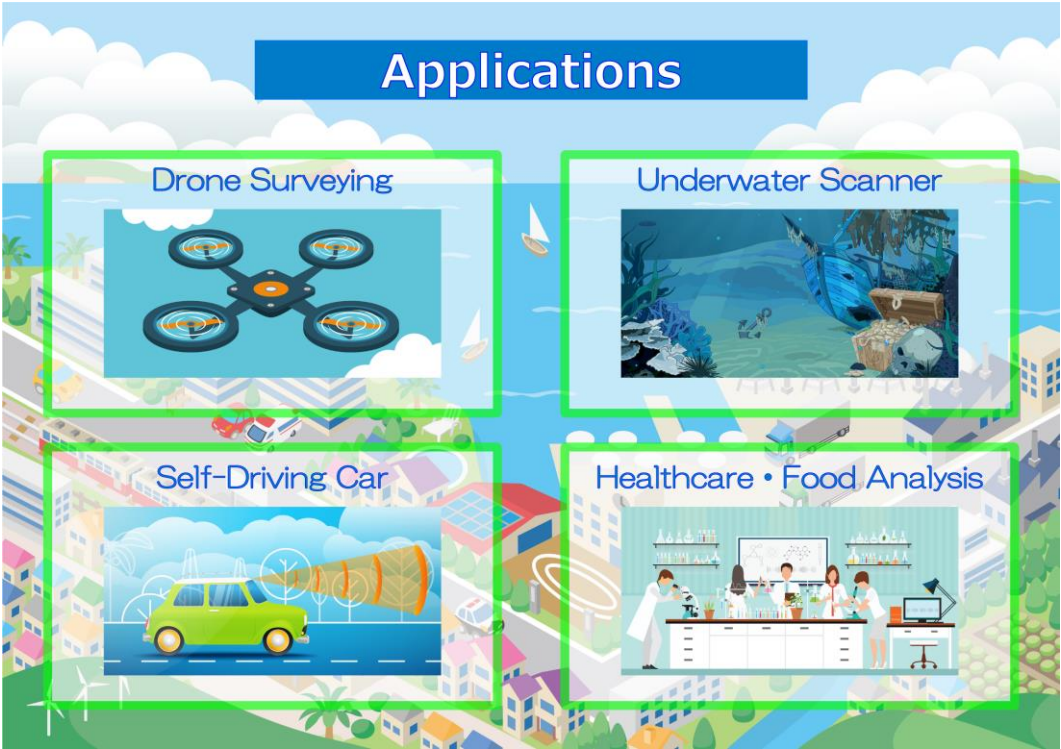
	information (資料記入日)	
32	Matching information (情報公開)	<input checked="" type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可) <input type="checkbox"/> partial non public (一部公開不可) ( No. :            )

# Taiwan-Japan Enterprises Cooperation Questionnaire(18/18)

No	Company information	
1	Company name (企業名)	(日本語) 株式会社トリマティス (英語) Trimatiz.ltd
2	Address (所在地)	(日本語) 千葉県市川市南八幡 4-7-12 ラ・パシフィック B801 (英語) 801 LaPacifiqueB 4-7-12 Minamiyawata, Ichikawa, Chiba 272-0023 Japan
3	Representative (代表者名)	(日本語) 島田 雄史 (英語) Takeshi Shimada
4	Industry field (産業分類)	Electronics
5	Phone number (電話番号)	+81-47-379-4400
6	FAX	+81-47-370-0010
7	E-Mail	shiratori@trimatiz.com
8	Website	<a href="http://www.trimatiz.com/">http://www.trimatiz.com/</a>
9	Business description (事業内容)	Trimatiz is one of the most advanced companies developing high-speed and integrated devices to control the light at the sub-microsecond speed. Our devices are based on both high-speed analog and digital circuit technologies as well as high-speed optical technologies. We have been developing high-speed optical devices and helping other companies with our know-how and in-house facilities since 2004.
10	Product (主力商品)	High-speed VOA LD Driver Pulsed LD Driver Optical Fiber Amplifier Custom optical devices Custom electronic circuits
11	Established in (創業・設立)	2004年1月
12	Personnel (従業員等数)	Management (役員): 4      Formal & Contract (正社員・契約社員): 14 Part time (パート等): 1
13	Domestic location (国内拠点)	Chiba

14	International location (海外拠点)	N/A		
15	Main distributor or partner in domestic (主要国内取引先または協力業者)	AIST(National Institute of Advanced Industrial Science and Technology), other domestic business companies, etc.		
16	International trading partner (主要海外取引先)	N/A		
<b>Finance information</b>				
17	Capital(資本金)			
		2015	2016	2017(forecast)
18	Sales revenue (売上高)			
19	Revenue (経常利益)			
20	Profit (当期利益)			
<b>Contact information</b>				
21	Supervisor (業務責任者)	Name : Yosuke Shiratori      Title : Executive Officer		
		TEL : +81-47-379-4400		
		E-MAIL : shiratori@trimatiz.com		
		Address : 801 LaPacifiqueB 4-7-12 Minamiyawata, Ichikawa, Chiba 272-0023 Japan		
22	Contact person (連絡担当者)	Name : Yosuke Shiratori      Title : Executive Officer		
		TEL : +81-47-379-4400		
		E-MAIL : shiratori@trimatiz.com		
		Address : 801 LaPacifiqueB 4-7-12 Minamiyawata, Ichikawa, Chiba 272-0023 Japan		
		Language you may use : ( When communicate with Taiwan's entrepreneurs you may use ) <input checked="" type="checkbox"/> Japanese <input checked="" type="checkbox"/> English <input type="checkbox"/> Mandarin <input type="checkbox"/> Others : _____		
<b>Technology or product information</b>				
23	Name (技術・製品の名称)	<u>High-speed optical control &amp; integration technology</u> 1. High-speed optical technology		

		<p>2. High-speed electronic technology</p> <p><u>Assembly technologies for optical devices</u></p> <p>Electro-optical devices  Thermo-optical devices  Liquid crystal devices  Acousto-optical devices  Optical wave guide devices  Other passive devices, etc.</p> <p><u>Circuits design for controlling optical devices</u></p> <p>High-speed drive and feed-back control circuits for optical devices  High-speed and high-voltage driver for MEMS devices  Control and data communication circuits with micro-controllers  Feedback controlled digital circuits with FPGAs  Analog / digital mixed signal circuits  TEC control circuits with pulse-width modulation drivers</p>
24	<p>Description  (技術・製品の内容)</p>	<p><u>High-Speed VOA</u></p> <p>The voltage controlled high-speed VOA(variable optical attenuator) based on an electro-optic element offers high-speed performances as well as compact dimensions for easy integration or limited space environments.</p> <p><u>Optical Fiber Amplifier</u></p> <p>The bench top AGC(Automatic Gain Control) and ALC(Automatic Level Control) fiber amplifiers offer optical surge-free performances and are suitable for optical networking techniques such as optical packet switching or optical burst switching.</p> <p><u>LD Drivers</u></p> <p>Trimatiz' s new Laser Diode(LD) driver board can deliver short pulse width (1 ns), large current (150A), and pulse-width adjustable features.</p>
25	<p>Photos  (写真等)</p>	

		<p>[High-speed VOA]</p>  <p>[Optical Fiber Amplifier]</p>  <p>[LD Drivers]</p>
26	<p>Features (including innovation, superiority, difference) (技術・製品の特徴 (競合他社の類似商品と比較した場合の優位性や革新性))</p>	<p>Having unique characteristics and features, Trimatiz products are easily applicable for trend industries.</p> 
27	<p>ISO or other certificates (免許、許認可、特許、ISO など)</p>	<p>N/A</p>
<p>Matching information</p>		



28	<p>Cooperation method (multiple choice) (マッチングニーズタイプ) (貴社のニーズタイプをお選びください。複数選択可。)</p>	<p><input type="checkbox"/>Intellectual property right introduce (知的財産導入)  <input type="checkbox"/>Looking for technology (技術を探す)  <input type="checkbox"/>Looking for vendors (供給先を探す (仕入れたい))  <input type="checkbox"/>Looking for product as agent (代理販売する/ブランドを探す)  <input type="checkbox"/>Looking for funding (資本調達)  <input type="checkbox"/>Looking for R&amp;D partnership (研究開発パートナーを探す)  <input type="checkbox"/> Others (その他)_____</p>	<p><input type="checkbox"/>Export Intellectual property rights (知的財産輸出)  <input type="checkbox"/>Technology transfer to Taiwan (技術を提供する (技術移転))  <input checked="" type="checkbox"/>Looking for buyer (提供先を探す (販売したい))  <input type="checkbox"/>Looking for agents (代理店を探す)  <input type="checkbox"/>Looking for investment target (投資先を探す)  <input type="checkbox"/>Looking for funding (with share) (合資パートナーを探す)</p>
29	<p>Description for matching target (ニーズ具体的内容)</p>	<p>Looking for partners who can apply our technology and product for their finish products or R&amp;D.</p>	
30	<p>Description for matching means (希望アプローチ先)</p>	<p><input type="checkbox"/>materials(素材) <input type="checkbox"/>components(部品) <input checked="" type="checkbox"/>manufacturer (装置メーカー)  <input type="checkbox"/>product user (製品ユーザー) <input type="checkbox"/>agents (代理店)  <input type="checkbox"/>others (その他) _ (with company names that you would like to cooperate with, would be better; 具体的な企業名があればご教示ください)_____  technology/equipment (技術/設備)___Microprocessor IP _____</p>	
<b>Information management</b>			
31	<p>Date of filling information (資料記入日)</p>	<p>2017年6月28日</p>	
32	<p>Matching information (情報公開)</p>	<p><input type="checkbox"/> public (公開可能) <input type="checkbox"/> non public (公開不可)  <input checked="" type="checkbox"/> partial non public (一部公開不可) ( No. : 17,18,19,20 )</p>	