

CCAT participation in the 13th Cross-Strait Forum on  
Information Industry Technical Standards and  
co-organizing the Cloud Computing Sub-Forum

(2016/9/6-9/7)

CCAT Chairman George Wang of the Committee on Cross-Strait Affairs, and Chairman Shiaw-Shian Yu of the Committee on Cloud Technology Experts, attended the “13th Cross-Strait Forum on Information Industry Technology and Technological Standards” on 9/6 and 9/7, and during the “4<sup>th</sup> Cloud Computing Sub-Forum” they jointly served as Taiwan side’s coordinators for the 4<sup>th</sup> Cloud Computing Sub-Forum, to jointly promote and publish the results of development related work about cross-strait common standards for the cloud industry.

Jointly organized by Sinocon Industrial Standards Foundation, China Electronics Standardization Association and China Communications Standards Association, the "Cross-Strait Information Industry Technology and Technology Standards Forum" over the years, with the support of the Taiwan Ministry of Economic Affairs, after the efforts from the Industrial Technology Research Institute of Taiwan (ITRI), the Institute for Information Industry (III) and Cloud Computing Association in Taiwan (CCAT), with the joint efforts of experts and enterprise leaders, this forum has become an important platform and brand for the development of cross-strait industry standards, with both parties upholding the existing standards to deepen cooperation, cooperate in the development of standards for new areas and strengthen the concept of cross-strait industry docking, setting the joint standards as the commanding height, combining key technical standards and market opportunities from cross-strait industry to complement each other’s advantages.





This year' s "13<sup>th</sup> Forum on Cross-Strait Information Industry Technology and Technological Standards" was held from Sep. 6<sup>th</sup>-7<sup>th</sup> at the Harbin Sun Island Garden Hotel, Harbin, Heilongjiang Province. The participants included: Vice Minister Huai Jinpeng of the Ministry of Industry and Information Technology, and senior leaders of the State Council' s Taiwan Affairs Office, leading the top managements of the relevant departments and senior executives from China' s ICT enterprises. Participants from Taiwan included: Honorary Chairman Chiang Pin-kung and Chairman Steve Ruey-long Chen of Sinocon Industrial Standards Foundation, Director Rock Hsu of the Chinese National Federation of Industries (CNFI), Honorary Chairman/Delta Electronics Group Founder Bruce Cheng, CEO and Founder of Powerchip Technology Group Frank Huang, Vice Chairman and CEO of ASUSTeK Jonathan Tsang, and other heavyweight companies big bosses, several other well-known executives also attended the event. The CCAT delegation participating to this event was composed by Chairman George Wang of the Committee on Cross-Strait Affairs, and Chairman Shiao-Shian Yu Xiaoxian of the Committee on Cloud Technology Experts, Executive Secretary Chen Yi-Ping, and many technical experts. In addition, many industry experts from a total of 10 sub-forums on cross-strait related area gathered to join the festivities.





## Conference Agenda

Sep. 6 <sup>th</sup> , 2016 (Tue.) Morning		
Opening ceremony, keynote speech Moderator: Representative from Taiwan Affairs Office of the State Council		
Time	Item	Speaker
09:00-09:50	Opening address	Heilongjiang Province People' s Government Leader Vice Governor Hu Yafeng
		Sinocon Industrial Standards Foundation Honorary Chairman Chiang Pi-kung
		Taiwan Affairs Office of the State Council
		Taiwan representative Sinocon Industrial Standards Foundation Chairman Steve Ruey-long Chen
		Ministry of Industry and Information Technology Vice Minister Huai Jinpeng



09:45-10:15	Promoting the Integration of Information and Industrialization for the Development of Digital Economic	China Communications Standards Association Chairman Wu Hequan	
Common standards, case compilation and announcement ceremony, memorandum of cooperation signing ceremony Moderator: Cheng Jianjun Vice Director of Office for Hong Kong, Macao and Taiwan, , MIIT			
10:15-10:35	Announcement ceremony for common standards (3 for Semiconductor lighting, 2 for Photovoltaics, 2 for Cloud Computing)memorandum of cooperation signing ceremony		
	Announce Cloud Computing case compilation 2.0		
	Memorandum of cooperation signing ceremony 1. Memorandum of Cooperation for Setting Common Standards for the Development of Cross-Strait Smart Manufacturing 2. Memorandum of Cooperation for Cross-Strait Promotion of 5G		
10:35-10:55	Tea break		
Keynote Speech Moderator: Yang Zemin Vice Chairman and Secretary General of China Communications Standards Association (Mainland China) Lin Kun-Ming CEO of Sinocon Industrial Standards Foundation (Taiwan)			
10:55-11:15	Internet of Things	Keynote speech 1	Dai Xiaohui Vice Chairman and Deputy Standing Secretary General of China Communications Standards Association
11:15-11:35		Keynote speech 2	CEO/Founder of Powerchip Technology Group Frank Huang
11:33-11:55	Smart manufacturing	Keynote speech 3	Special consultant, Honorary Director of China Machinery Industry Federation Zhu Sendi







11:55-12:15		Keynote speech 4	Taiwan Automation Intelligence and Robotics Association Chairman Cho Yung-Tsai
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Sep. 6<sup>th</sup>, 2016 (Tue.) Afternoon

Sub-Forum (Held in parallel)

Time	Agenda
13:30-14:00	Registration
14:00-17:00	Semiconductor lighting sub-forum
	Flat panel display technology sub-forum
	Photovoltaics sub-forum
	Lithium battery sub-forum private session
	Automotive electronics sub-forum
	Cloud computing sub-forum (participation from Cross-strait Affairs & Technology Experts)
	Mobile communications/mobile internet sub-forum
	Internet evolution sub-forum
	Service & applications sub-forum
	Smart manufacturing sub-forum
18:00-20:00	Assembly dinner party





Sep. 7 <sup>th</sup> , 2016 (Wed.)	
Time	Agenda
Private session summary, press conference (participants: moderators from each sub-forum, Taiwan Affairs Office, MIIT, staff from the three organizers)	
09:00-10:20	Private session summary Moderator: Sha Nansheng Vice Division Chief of Technology Division, MIIT (Mainland China) Lin Kun-Ming CEO of Sinocon Industrial Standards Foundation (Taiwan)
10:30-11:00	Press Conference Moderator: Hu Yan Chairman of China Electronics Standardization Association (Mainland China) Rock Hsu Vice Chairman of Sinocon Industrial Standards Foundation (Taiwan)






## Results released from the 13th Forum on Cross-Strait Information Industry and Technology Standards

The development of standards and norms for the cloud computing industry and applications is conducive to industrial health and an orderly and rapid development. Both sides of the strait as the same language and the same race, and at the same time are both at the same starting point in the emerging field of cloud computing, so they ought to strengthen cooperation in cloud computing core technologies and key products, to give full play to the advantages that Mainland China and Taiwan have in promoting cloud computing standards, strengthen market cooperation, jointly provide demand for services for the majority of cloud computing applications, and use accumulated experience from both sides to work together to explore the international market.

- Last year the 3<sup>rd</sup> cloud computing sub-forum released the cloud computing application case compilation version 1.0, this year the application case compilation 2.0 version focused on refinement and streamlining, with mainly areas that can actually promote concrete cooperation, the cases reflects the value of the implementation of practical application and popularization, leading to the formation of excellent solutions.
- Official release of the two common standards for "Integrated cabinet server" and "Micro-module data center", and promote follow-up testing and certification cooperation.
- Sharing the results of cross-strait open source activities.
  - This year the Openstack Taiwan Application Hackathon was held during the period from March 18<sup>th</sup>-20<sup>th</sup>, and with the Board of Science and Technology, Executive Yuan still as guidance unit, and assembling government units including the Industrial Development Bureau, the Department of Industrial Technology (DoIT), the Industrial Technology Research Institute (ITRI), the Cloud Computing Association in Taiwan (CCAT), the Institute for





Information Industry (III) and InwinStack, Inventec and many other companies. The CCAT, to promote the application of the world's fastest growing cloud open source OpenStack, has especially invited the Industrial Technology Research Institute, OpenStack Foundation, Taiwan OpenStack user community (TWOSUG) and other units, to co-sponsor the 2016 OpenStack Taiwan Hackathon event.

- Mainland China also held the Debug-based 3<sup>rd</sup> OpenStack Hackathon event from March 2<sup>nd</sup>-4<sup>th</sup>. It was co-sponsored by the China Electronics Standardization Institute, Huawei and Intel. Over the past two event sessions, more than 60 top developers from eight companies (Huawei, Intel, AW Cloud, Mirantis, 99Cloud, UnitedStack, LeTV) have modified more than 150 bugs for the OpenStack community, and at the same time, through close cooperation with the community aces, and face to face exchanges with cores from project teams from around the world, technical strength upgrade was quickly achieved, and were able to witness every kinds of wisdom crystallizations.
- Both sides held a cross-strait open-source technology salon on August 12<sup>th</sup>, to share experiences and gained knowledge from both sides in organizing and holding Openstack hacking events.










## Cloud Computing Sub - Forum

In October 2013 the Forum set up the cloud computing sub-forum, and with the joint efforts of cloud computing experts from both sides, the two sides have conducted extensive in-depth communication regarding cooperation mechanism, cloud computing standards, cloud computing industry, open source community and other aspects, in order to further promote cross-strait standards integration and commonality, and promote the cooperation and development of the cross-strait cloud computing industry.

Based on the cooperation of technical experts from both sides in 2015, we have selected the following four consensus conclusions and initiated them during this year:

1. Develop application cases 2.0 version, with the integration of cloud computing applications, Internet of things, Big Data, open source technologies and other technological application case in industry; on the basis of existing cases, seek cross-strait industrial cooperation opportunities and cooperation projects, to promote cross-strait industrial cooperation in real and concrete ways.
2. Promote the preparation and release of the common standards “Cloud data management application interface based on key-values” , “Overall technical requirements of integrated cabinet server” and “Technical requirements of micro-module data center” , and jointly carry out testing and verification operations.
3. Start the development work for "Integrated cabinet server cabinet subsystem technical requirements", "Integrated cabinet server subsystem management technical requirements" and "Integrated cabinet server testing and certification standards".
4. Co-organize cross-strait open source competitions, release open





source competition results in a timely way, sharing innovative results from cross-strait open source technology and applications.

### **Carrying out cooperative work between cross-strait technical experts**

Based on the above consensus, in the past year, cross-strait technical experts have carry out related work by e-mail, conference call, one to two face to face meetings per year and other forms:

- 8 teleconferences
  - 3 conference call with all members
  - 2 project team leader conference call
  - 2 coordinators conference call
  - 1 telephone salon
- 3 face-to-face meetings
  - May Beijing Cross-Strait Cloud Computing Working Group Meeting
  - July 2 Cloud Computing Application Case Review Meeting from Mainland China

### **Agenda of the 4th Cloud Computing Sub-forum**

Date: Tuesday, September 6, 2016

Mediators:

(Mainland China) Wang Baoai Deputy chief engineer of China Electronics Standardization Institute,

Yang Liyun Senior Engineer of China Electronics Standardization Institute

(Taiwan) George Wang Chief adviser of Inventec Group

Shiaw-Shian Yu Director of Big Data Center, ITRI





Time	Topic	Speaker
14 : 00-14 : 10	Moderator introduction	
14 : 10-14 : 25	Speech by guest	Xie Shaofeng Department Chief of Information Software Dep., MIIT
14 : 25-14 : 40	Cross - strait work report	Mainland China coordinator Yang Liyun
14 : 40-15 : 40	Cross - Strait Roundtable Forum (Cloud、Bigdata、IoT)	Forum moderator (Mainland China) Li Ying Counsel of Information Software Dep., MIIT (Taiwan)Chen Shih-Chien Vice CEO of Sinocon Foundation Mainland China guests: <ul style="list-style-type: none"> <li>● Deng Xing General Manager of Huawei Data Center</li> <li>● Liu Song Vice President of Public Affairs Dep., Aliyun</li> <li>● Zhu Naiguo Technical Director of Inspur Cloud Services</li> </ul> Taiwan guests: <ul style="list-style-type: none"> <li>● Jonathan Tsang Vice Chairman and President of AsusTEK Group</li> <li>● Lin Kuo Wen-Yen General Manager of Tatung Group</li> </ul>
15 : 40-15 : 50	Tea break	
15 : 50-16 : 05	Create a new mode of intelligent manufacturing new format	(Mainland China) Chen Yu General Manager of Iyuncang
16 : 05-16 : 20	The Way of Practice of Inventec Wisdom Factory	(Taiwan) Chen Hsien-Kai Assistant Vice President Inventec Appliances (Pudong) Corporation
16 : 20-16 : 35	Innovative cloud computing to lead the new pattern	(Mainland China)Zhang Zhengyu CEO/Founder of AWCloud
16 : 35-16 : 50	The Common Standard Framework of Cross - Strait Innovation and	(Taiwan) Su Shih-Chung Secretary General of Taiwan Venture Capital Association
16 : 50-17 : 00	Summary of Cooperation Consensus	Taiwan coordinator Shiaw-Shian Yu







George Wang, Shiao-Shian Yu and Mainland China coordinators Wang Baoai and Yang Liyun

### Cross - Strait Roundtable Forum

Today, cloud computing, Big Data and the Internet of Things are the representatives of the new generation of information technology, and at the same time are also the hotspots and mainstream for cross-strait industry, in recent years Mainland China has introduced supporting policies for related industries to promote and advance cloud computing, Big Data and IoT industry and the development of standardization work, Taiwan's industry has also been very active, obtained many good results and is successfully setting foot on the road of industrial transformation and upgrading.

This sub-forum invited industry leaders and heavyweight corporate executives to sit down and discuss the cross-strait cloud computing, Big Data and IOT industry development status, future trends and direction of cooperation.



Cross - Strait Roundtable Forum



Taiwan side talk: AsustEK Vice Chairman and President Jonathan Tsang, Datong Group General Manager Lin Kuo Wen-Yen





## Cross - Straits Experts' Keynote speeches

After a brief coffee break, representatives from the two sides took turns on the stand, respectively, for remarkable keynote speeches regarding smart manufacturing, smart factories, start-ups entrepreneurship and other aspects.



Taiwan experts Chen Hsien-Kai, Su Shih-Chung share their experience on smart factories and start-ups entrepreneurship

## The 4<sup>th</sup> Cloud Computing Sub - Forum Consensus Conclusion

1. Based on the work on compiling cloud computing application cases, begin the sorting process for cross-strait, industry-specific cloud computing solutions.
2. Based on the researched common standards, promote cross-strait common cloud service capacity assessment, product testing, and promote cross-strait mutual test recognition.
3. Combine with existing Mainland China open source organizations such as China Open Source Cloud Alliance and others, to promote the establishment of cooperation mechanisms between cross-strait open source cloud computing field, to promote cross-strait open source standardization work. At the same time, combined with a dual creative theme, strengthen business exchanges and cooperation between cross-strait small and medium open-source cloud computing.
4. Combine China Manufacturing 2025 and Industry 4.0 to advance, explore and promote cross-strait subsequent industrial cloud-related standards and industrial cooperation on both sides.



## Conclusion

According to the two Committee Chairmen George Wang and Shiaw-Shian Yu, and their observations during their actual participation in the 4<sup>th</sup> cloud computing sub-forum, they think that

1. The sub-forum has been very successful.
2. Among the 10 sub-forums, the effectiveness of the work promoted by the cloud computing sub-forum was particularly significant, and the joint efforts from cross-strait technical experts have indeed promoted the birth of a common standard codex.
3. There is hope to be more successful next year,
  - In terms of common standards, we hope to invite more Taiwan technical experts and industry to participate and contribute more.
  - About case compilation, we hope to further promote the opportunity to have a landing pilot.