



Smart City Consortium
Hong Kong Smart City Pavilion at China Hi-Tech Fair
Project Report

1) Background details

- Project Name** : Hong Kong Smart City Pavilion at The 23rd China Hi-Tech Fair
- Organiser** : Smart City Consortium (SCC)
- Event date** : 27 – 29 December 2021 (Physical Exhibition)
27 – 31 December 2021 (Online)
- Number of exhibitors** : 25 Hong Kong companies
- Venue** : Hall 9 at 9A31, Shenzhen World Exhibition & Convention Center in Baoan
- Size** : 247.5 sqm
- Theme** : IoT, information security and property technology
- Collaborating Organisations** : Hong Kong Information Technology Joint Council
Hong Kong Software Industry Association
- Funded by:** : Trade and Industrial Organisation Support Fund,
Trade and Industry Department



工商機構支援基金
Trade and Industrial Organisation Support Fund

2) Background of China Hi-Tech Fair 中國國際高新技術成果交易會:

The China Hi-Tech Fair in Shenzhen is co-hosted by Ministries and Commissions of the national government and Shenzhen Municipal People’s Government. Before the Covid-19 pandemic, the 2019 event attracted over 3,300 exhibitors from more than 24 countries and regions, and 560,000 visitors. The Fair is the largest and the most influential scientific and technological fair in China and is renowned as “the No.1 Technology Show in China”.

Due to the adverse pandemic situation last October, CHTF informed SCC on November 6 that the 2021 exhibition originally planned for 5 days on November 17-21 would be postponed to December 27-29 plus an online exhibition from December 27-31. The venue of the 2021 event was extended to Shenzhen World Exhibition & Convention Center in Baoan. SCC’s Pavilion was allocated to Hall 9 at section 8 (see below). The Fair organiser reported that over 4,100 exhibitors and 150,000 visitors attended the 2021 event online and offline.

深圳国际会展中心 (宝安)



“Any opinions, findings, conclusions or recommendations expressed in this material/event (or by members of the project team) do not reflect the views of the Government of the Hong Kong Special Administrative Region or the Vetting Committee of the Trade and Industrial Organisation Support Fund.”



CHTF integrates transaction of achievements, exhibition of products, high-level forum, merchant attraction of projects and cooperation & exchange and focuses on the advanced technologies and products in such fields as energy conservation, environment protection, new generation of information technologies, biology, manufacture of high-end equipment, new energies, new materials and new energy vehicles etc. After years of development, CHTF has become an important window for the opening outside in the China's high-tech sectors and has played a more important role in commercialization, industrialization and internationalization of high-tech achievements as well as promotion of economic and technological exchanges and cooperation between different countries and regions.

3) Purpose of SCC participation:

- Enrich the knowledge of Hong Kong ICT sectors on the collaboration opportunities amidst mainland cities' smart city development efforts
- Enhance HK's reputation in smart city technologies in the Mainland
- and thus enhance Hong Kong ICT sectors' chance to participate in infrastructure (smart city) development in mainland cities

4) Opening Ceremony on 27 December 2021 at 12:30 – 12:50 pm

- Officiated by senior representatives from HKSAR Government Shenzhen office, HKTDC Shenzhen office, Shenzhen e-Commerce Association, and SCC (香港特別行政區政府駐深圳聯絡處主任鄧秀嫻、香港貿易發展局深圳代表曾沂靖、深圳市電子商務協會執行會長郝建強、智慧城市聯盟名譽財務長范家珩、智慧城市聯盟人工智能及雲端委員會主席楊智添)

5) Project Effectiveness

To assess the project effectiveness, all exhibitors (25 companies in total) and visitors (126 persons) were invited to participate in a survey in form of paper and online questionnaires.

- **In terms of understanding the business environment in the mainland**, among 25 exhibitors, 52% indicated that the participation helped them understand the business environment in the Mainland, and 48% indicated the project helped them greatly.
- **In terms of boosting HK's innovation and technology development**, 80% exhibitors believed the Pavilion helped promote HK's IT image, 76% believed it helped boost the industry competitiveness and attract mainland/foreign users' attention; while 68% agreed it helped build business network.
- **In terms of attracting the attention of prospective investors, partners or buyers**, 60% exhibitors received relevant business enquiries.
- **In terms of willingness to participate in exhibition with similar theme again**, some exhibitors considered the fair and Pavilion well organised, and all exhibitors in the SCC Pavilion indicated they would participate again.

- Among the 126 visitors, 41% were from IoT industry background, 21% from information security, 12% property technology, and 26% from other sectors, including intellectual property, medical device, artificial intelligence, geographic information industry background, etc.
- **In terms of the sectors (IoT, information security and property technology) visitors feel most interested**, around 65% visitors indicated interest in IoT, followed by around 40% in information security, and around 30% in property technology.
- **In terms of attractiveness of Pavilion design and overall arrangement**, around 90% participants indicated that the design and overall arrangement of Pavilion were attractive enough to draw their attention to take a visit.
- **In terms of the benefits visitors gained from visiting Hong Kong Smart City Pavilion**, around 60% visitors expressed the Pavilion enhanced their understanding towards HK Smart City industries, 45% said their understanding towards HK's image was enhanced, 40% said they learnt new technologies, and 34% said the Pavilion helped provide chances to build business network in Hong Kong.
- **In terms of understanding HK's market operation**, over 90% visitors believed the participation help their operation research in HK.
- **In terms of willingness to visit similar Pavilion again**, 97% respondents indicated they would visit similar SCC Pavilion again.

Exhibitors' feedback:

Exhibitors generally expressed satisfaction on the organization of the pavilion and visitors turnout of the China Hi-Tech Fair.

6) Achievement:

- SCC's pavilion was awarded a prize from the show organizer, namely
- "Excellent Pavilion"



7) Other Promotional Tools:

- Event Booklet ([e-version](#)) to introduce
 - a) the performance of the three Hong Kong sectors
 - b) products/service from 25 Hong Kong exhibitors related to "IoT, information security and property technology"
- Promotion videos on Hong Kong's IoT, information security, and property technology developments ([YouTube](#) 、 [Youku](#))
- [SCC Pavilion Webpages](#)
- [SCC Facebook page](#) to announce the HK Smart City Pavilion on 23 December 2021

8) Media interview

Media invitation was sent out on 24 December 2021 to Hong Kong and Mainland media. Below are some media coverages,

1. 28 December 2021, Takungpo 深港「黑科技」閃爍高交會 0.8秒加載10TB數據 (link)



深港「黑科技」閃爍高交會 0.8秒加載10TB數據

時間: 2021-12-29 04:26:37 來源: 大公報

圖為高交會香港智慧城市聯盟展區。 (大公報記者胡永熾攝)

【大公報訊】記者胡永熾、實習記者李才煒深圳報導：第23屆中國國際高新技術成果交易會（以下簡稱「高交會」）27日在深圳開幕。記者在香港智慧城市聯盟展館看到，不少深圳企業向港企合作，研發出了領先世界的科學技術與產品。深圳獨立視覺科技有限公司（以下簡稱「獨立視覺」）就是這樣一個創新企業，其港方團隊位於香港科學園，內地團隊則位於深圳科技園，致力於研發三維數據管理系統。

高交會現場，獨立視覺展台放置了一台普通的筆記本電腦，當工作人員對其研發的三維數據管理軟件進行操作時，電腦上顯現出了一個城市的真實景觀，效果十分逼真。

「我們的產品可以做到0.8秒的時間加載10TB數據！就像這台電腦一樣，將城市級海量三維實景模型呈現出來，包含三維數據和地理信息，十分準確。」獨立視覺總經理鄧芸芸（圖圖）表示，市面上很多公司使用人工建模，用普通筆記本電腦顯示會立馬死機。「我們的優勢在於用獨特的算法實現海量點雲數據快速管理，而不依賴於高配置計算機硬件，可以快速、流暢地處理大規模數據。」

此外，獨立視覺還研發了全息沙盤、全息室、全息牆等產品，廣泛應用於各行各業。「例如，我們將香港國際機場的數據導入全息沙盤後，航班在飛機起飛和降落時，都可以在全息沙盤上進行實時監控。」

2. 28 December 2021, Wenweipo 逾30港企攜新技術亮相高交會 (link)



中國經濟

三維數據可視化 5G遙控倉庫車 大數據檢測乳腺癌
逾30港企攜新技術亮相高交會

【大公報訊】第23屆中國國際高新技術成果交易會（以下簡稱「高交會」）27日在深圳開幕。記者在香港智慧城市聯盟展館看到，不少深圳企業向港企合作，研發出了領先世界的科學技術與產品。深圳獨立視覺科技有限公司（以下簡稱「獨立視覺」）就是這樣一個創新企業，其港方團隊位於香港科學園，內地團隊則位於深圳科技園，致力於研發三維數據管理系統。

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3. 12 January 2022, Mingpao 第二十三屆中國國際高新技術成果交易會 (link)



遊走大灣區

第二十三屆中國國際高新技術成果交易會

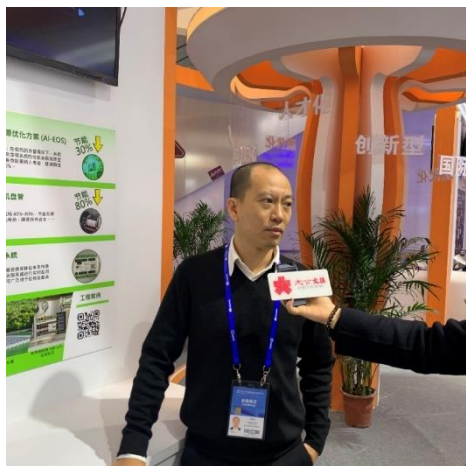
科技為生活

WAW CHAT 2021

Presented by WAW

今屆的「高交會」，參展的香港研發機構和企業逾30家，並透過「香港館」和「香港智慧城市展館」展示創新成果。展出產品或服務包括物聯網、訊息安全及房地產科技範疇，與日常生活息息相關；其中有因應疫情而研發的「能殺滅COVID-19的納米纖維口罩」，以及「G2G 服裝循環回收再造系統（G2G）」、「直流建築供電系統」、「5G遙控倉庫電瓶堆高車」、「自動駕駛運載系統」等，吸引觀眾親身體驗。

9) Photos of media interview (for more photos, please visit [Project Webpage](#))



Media Interview by HKTKWW 大公文匯報 to a HK Pavilion exhibitor (REC Green Technologies)



Media Interview by HKTKWW 大公文匯報 to Mr Vandia Yang, Chairman of AI & Cloud Committee, Smart City Consortium



Interviews by various media to Mr Sam Fan, Honorary Treasurer, Smart City Consortium