



### **Mr Daniel CHUN**

*Chairman, Research and Blueprint Committee, Smart City Consortium*

Daniel started off his career as a programmer at Hutchison Mobile Data in 1990 and had launched CompuServe HK even before the Internet boom. Since Hutchison, Daniel had been a business development professional in telecom and Internet businesses in Asia Pacific and had been spearheading some corporate startup ventures at Taiwan Mobile. During the dotcom era, he became a resident-entrepreneur at a venture capital backed incubator iWorldGroup based in Malta. He later immigrated to Canada after 9/11 where he started up his own brick and mortar toy store. He sold the toy business in 2008 and joined a Canadian toy manufacturer and became involved in

invention, licensing and product innovations.

Daniel is currently a co-owner and CEO of Remotec and has successfully transformed Remotec to become profitable, IP-driven with a strong focus in platform business. As an inventor himself, he led Remotec's IP acquisition strategy, product development and sales operation. Coming from a rich background in telco, he is the mastermind in developing AIRXED's value proposition. Having setup businesses in Singapore, Indonesia and Philippines before, Daniel is keen to develop a sustainable business roadmap in Asia Pacific for AIRXED.

He is currently active in Smart City Consortium, HKETA and TEN as council members. Daniel received his computer Science degree from Deakin University in 1989 and 3 Master degrees (M. Res, MBA , M.IT) and a PgD in Marketing. Daniel is defending his PhD proposal at Universiti Sains Malaysia.

### **Topic: What are the best smart living technologies to be placed at home for the elderly?**

One of the most important element for assisted living for elderly care should be in home monitoring.

Smart Home technologies typically offers these promises - Comfort, Convenience, Control, Safety and Prevention (CCCSP). The 3Cs brings a lot of time-saving, automation and value in smart living and possibly increase the value of your property, whereas Safety and Prevention (SP) helps provide a well-balanced preventive care environment for the household occupants. To do this, either you rely on human or machine to do the same job. This presentation will focus on technology that focuses on monitoring at home.

Then the next question we ask ourselves is: what are the problems that are burning and need to be solved with new latest smart home and IoT technologies? We want to focus on the problem in elderly occupants falling in any residence – inside home or elderly centre. We all know that any type of falling will be detrimental and will cause head injury and fracture, but this problem magnifies more for anyone older than 65. According to the Elderly Commission in Hong Kong, each year 25% of community dwelling elders suffer from fall. 75% of them get injury include head injury and fracture. Elders who fell in the past six months had shown to have increased risk of fall in near future.

With various solutions available in the market, what are the most useful and commercially sound implementation of using these assisted living technologies? Are these technologies applicable in the Hong Kong market? This session attempts to provide insights to elderly home care centres, property developers and property managers how best to adopt latest technologies in home care for the elderly without infringing privacy issues.



## 秦仲宇先生

香港智慧城市聯盟研究及藍圖小組主席

秦仲宇 (Daniel) 90 年代早期已任職香港和記負責行動數據及互聯網路應用軟體開發，之後曾任職香港及臺灣電訊業的拓展包括九龍倉固網 (Wharf T&T)，臺灣大哥大 (Taiwan Cellular) 及 Iridium 銜衛星網路的亞太區業務。2001 年在互聯網開啟的大時代參與了歐洲 iWorldGroup 創投基金負責孵化新的移動電話 APP 業務。2002 年移民加拿大成功投資及開拓自家品牌玩具零售概念店，亦成功地在 2007 年出售該業務，繼而進身 Interactive Toy Concepts 玩具公司負責產品開發。

Daniel 今年五月應 Remotec 的邀請參加 IoT 新產品的開發團隊。Daniel 希望以 Remotec 超過 28 年生產萬用智能遙控器及智能家居有關的經驗去再為業界擴大 Smart Home and IoT 市場的經濟，令各持份業者百花齊放。Daniel 繼續會以藍海策略的方法去尋找新的營運模式及開拓新的業務。

Daniel 1989 年畢業於澳洲墨爾本取得電算科技學士學位，在職時亦有繼續進修取得 MBA，M.Sc and M. Research 碩士學位。現時仍在修讀 PhD 博士學位。過去五年曾出版過有關雲端及移動教學營運模式的學術文章，亦於香港大學 HKUSPACE 授教有關 IT，雲計算及 IP 網路的碩士課程。Daniel 現任為香港智慧城市聯盟的智慧城市聯盟研究及藍圖小組主席及香港電子科技協會副主席。

## 主題：有什麼適合老年人放在家中的智能家居科技？

家中監察是老年輔助生活最重要的元素之一。

智能家居科技一般承諾能夠滿足以下方面的需求：舒適、便利、控制、安全及預防。前三者使得智慧生活更省時、自動化及有價值，更可能將物業價值升值；而安全及預防功能則給予住戶一個平衡的預防性護理環境。達到此承諾需要依賴人類或機器協助。本分享將會具體探討家居監察的技術。

下一個問題是：我們應透過最新的智能家居和物聯網科技解決什麼問題？我們想專注研究長者無論在家居或安老院跌倒的問題。我們都知道跌倒可以造成頭部受傷、骨折等重傷，但是對於 65 歲以上的人來說，跌倒或會有更嚴重的後果。根據香港安老事務委員會，每年百分之二十五居住社區的長者都會跌倒，而當中百分之七十五更會遇到頭部受傷或骨折。另外，亦有證據顯示於六個月內曾經跌倒的長者在短期內都會有更大機會再次跌倒。

市場上有不同樂齡產品及服務，哪些方法應用輔導生活科技更為有用和商業上可行呢？這些科技又適用於香港市場嗎？本次分享將希望為安老院、地產商和物業經理介紹如何在沒有侵犯私隱權利的情況下運用最新的樂齡科技。