

Hong Kong, December 7, 2017

## Siemens and HKSTP officially open Hong Kong's first Smart City Digital Hub

- **Powered by MindSphere, Hong Kong's first Smart City Digital Hub has officially opened to tackle city challenges and unleash potential of digitalization for the city**
- **Offer smart city solutions with key focus on smart building, smart energy and smart mobility**
- **Collaborations between Siemens and leading organizations like SCC, CLP and MTR affirmed the Smart City vision**

Siemens Limited (Siemens) and Hong Kong Science and Technology Parks Corporation (HKSTP) today announced the official opening of Smart City Digital Hub. Powered by MindSphere, the Hub will tackle city challenges and unleash potential of digitalization that is rising rapidly in Asia.

Hong Kong, as one of world's densest city, has been challenged by aging infrastructure. Yet, this world-class city offers a vibrant, open and globalized environment with abundant resources for us to nurture top-tier talents and leverage the power of digitalization. Riding on Siemens' world-leading technologies and HKSTP's strong connection with innovators, the first Smart City Digital Hub in Hong Kong unveiled its latest innovations to tackle city challenges like traffic congestion, public convenience, public safety, energy saving and city planning. While dedicated to building an innovative ecosystem, the Hub also offers start-ups and infrastructure providers a platform to create their digital portfolio and develop smart city solutions.

The Hub is designed as an open lab, consisting of Smart Mobility Test Bed and Smart Energy Lab and allowing experts to carry out research and development in the topics of data analytics, Internet of Things (IoT), connectivity, smart building, smart energy and smart mobility. Powered by MindSphere, a cloud-based IoT operating system, it

will initially focus on five areas, namely City Performance Tool Air (CyPT Air), Connected City Solutions (CCS), Cyber Security, Data Analytics Suitcase and MindSphere Open IoT Platform.

Today's MoU signing ceremony between Siemens and Smart City Consortium (SCC) has further crystallized the smart city vision of Hong Kong. The two parties will jointly support Hong Kong's roadmap towards a smart city with the Siemens IoT operating system MindSphere, starting with a project to transform aging buildings into Smart Buildings. They will execute joint awareness activities, exchange knowledge and best practices from global smart city projects, identify components in a Smart Building and its possible industry partners as well as facilitating and connecting pilot projects with international smart city platforms and investment.

Additionally, Siemens and MTR Corporation Limited (MTR) signed an MoU to initiate and collaborate on data analytics on railway system. With strong data analytics and connectivity capabilities of Smart City Digital Hub, Siemens and MTR will work together to advance public transportation system to unleash the potential of technologies.

Along with the MoU signed earlier between CLP Innovation Enterprises Limited (CLP), a wholly-owned subsidiary of CLP Holdings Limited, and Siemens for smart energy initiatives, the leading organization and infrastructure providers like CLP, SCC and MTR affirmed their commitment to extend the cooperation with Siemens. With focus in areas of smart building, smart energy and smart mobility, the alliances join forces to build a smarter future for Hong Kong.

Speaking at the Opening Ceremony, Mr. Cedrik Neike, Member of the Managing Board, Siemens AG said, "To drive and contribute to Hong Kong becoming a smart city and digital centre, Siemens is taking a new role to jointly develop the first Smart City Digital Hub in Hong Kong with HKSTP. The Hub will serve as a focal point for start-ups and infrastructure providers to tailor their digital portfolio while addressing specific city challenges. We are very keen to collaborate with our strategic partners like SCC, MTR and CLP to pave the way for smart city's development and shape the future landscape of an innovative ecosystem here and in the region."

Mr. Albert Wong, Chief Executive Officer of HKSTP said, “The partnership with Siemens signifies another key milestone for our relentless effort to promote the development of smart city solutions. As an active connector to create a vibrant innovation and technology ecosystem, we have multiple smart city initiatives, such as Smart Region in collaboration with the Chinese University of Hong Kong, to facilitate knowledge transfer and technology commercialization through better collaboration among academia, start-ups, SMEs and global enterprises. By leveraging Siemens’ cloud-based IoT platform and big data capabilities at Science Park’s Data Studio, we target to accelerate the development of smart city related digital analytics applications in Hong Kong and effectively tackle city challenges.”

During the Grand Opening, participants indicated their high level of interests on the demonstrations. Today’s opening and recent collaborations reflect Hong Kong’s position as the leading hub for smart city development and propel the future and sustainable growth of digitalization in Asia.



Mr. Eric Yeung, Convener & President of Board of Directors, Smart City Consortium (first left), Mr. Eric Chong, President & CEO, Siemens Hong Kong & Macao (second left), Mr. Lothar Herrmann, CEO, Siemens Greater China (third left), Mr. Cedrik Neike, Member of the Managing Board, Siemens AG (fourth left), Mrs. Fanny Law, Chairperson of Board of Directors, Hong Kong Science and Technology Parks Corporation (fourth right), Mr. Albert Wong, CEO, Hong Kong Science and Technology Parks Corporation (third right), Mr. Dieter Lamlé, General Consul, Consulate General of the Federal Republic of Germany (second right) and Mr. Austin Bryan, Senior Director – Innovation, CLP Holdings Ltd. (first right) kick off Hong Kong's first Smart City Digital Hub.



Mr. Shawn Shen, CFO, Siemens Hong Kong & Macao (first left), Mr. Lothar Herrmann, CEO, Siemens Greater China (second left), Mr. Cedrik Neike, Member of the Managing Board, Siemens AG (middle) and Mr. Eric Chong, President & CEO, Siemens Hong Kong & Macao (second right) visit Smart City Digital Hub for Siemens innovative solutions and technologies.



Mr. Eric Chong, President & CEO, Siemens Hong Kong & Macao (front row, left) and Mr. Eric Yeung, Convener and President of Board of Directors, Smart City Consortium (front row, right) sign an MoU for cooperation in developing Hong Kong into a smart city, witnessed by Mr. Lothar Herrmann, CEO, Siemens Greater China (back row, first left), Mr. Cedrik Neike, Member of the Managing Board, Siemens AG (back row, second left), Dr. K.F. Tsang, Chairman of IoT Committee, Smart City Consortium (back row, second left) and Mr. Clube Ng, Chairman of Industry Liaison & Partnership SIG, Smart City Consortium (back row, first left).

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E-mail: [defea.chan@siemens.com](mailto:defea.chan@siemens.com)**About Siemens**

**Siemens AG** (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for 170 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83 billion and net income of €6.2 billion. At the end of September 2017, the company had around 372,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).

In 1911, Siemens opened its first sales office in Hong Kong. Since then, the company has committed to being a trusted technology partner and providing innovative solutions in Hong Kong & Macao. Siemens has provided integrated solutions for infrastructure development projects, including gas turbine at Black Point Power Station and power substations for CLP Power in Hong Kong and CEM in Macao; signaling, main control and fixed communication systems for Shatin Central Link; traffic control and surveillance system for Liantang / Heung Yuen Wai Boundary Control Point and total building solutions for City of Dreams in Macao.

香港，2017年12月7日

## 西門子與香港科技園正式開放全港首個智慧城市數碼中心

- 利用 **MindSphere** 雲端系統，全港首個智慧城市數碼中心正式開幕，應對各種城市挑戰，並發掘香港的數碼化潛力
- 提供智慧城市解決方案，集中研發智慧建築、智慧能源及智慧交通
- 西門子與智慧城市聯盟、中電及港鐵等主要機構的合作確認發展智慧城市的願景

西門子有限公司及香港科技園公司今日宣佈智慧城市數碼中心正式開幕。利用 **MindSphere** 雲端系統，中心將應對各種城市挑戰，並發掘亞洲城市的數碼化潛力。

香港作為全球其中一個人口密度最高的城市，正面對著基建設施老化所帶來的挑戰，但這個世界級城市卻擁有一個有活力、開放及全球化的環境，加上其豐富資源，讓我們能夠培育最尖端的人才及提昇數碼化的力量。透過西門子領先世界的科技及香港科技園與初創企業的緊密聯繫，香港首個智慧城市數碼中心展示最新的創意科技，以應對交通擠塞、公共便利、公眾安全、能源節省及城市規劃等城市挑戰。智慧城市數碼中心除了致力建立一個創新科技生態系統，亦為初創企業及基建發展商提供平台，創造其數碼化藍圖及發展智慧城市方案。

中心以開放實驗室的設計，設有智慧交通測試平台及智慧能源實驗室，讓專家集中研發數據分析、物聯網、連接系統、智慧建築、智慧能源及智慧交通。利用 **MindSphere** 開放式雲端物聯網操作系統，中心初期將集中在五個範疇，包括綠色城市發展評估工具 (CyPT Air)、連接城市規劃方案、網絡安全、數據分析手提箱及 **MindSphere** 開放物聯網平台。

西門子與智慧城市聯盟於今日簽署的合作備忘錄，令香港發展成為智慧城市的願景更

清晰。雙方將以西門子的物聯網操作系統 **MindSphere** 為平台，由改造香港舊建築為智慧建築開始，合力推動香港智慧城市發展。西門子與智慧城市聯盟將共同參與各項關於香港智慧城市發展活動，交流世界級智慧城市項目的知識及成功案例，勾劃智慧建築的基礎組件及識別潛在的行業伙伴，並且連接國際智慧城市發展的先導計劃及投資。

另外，西門子與香港鐵路有限公司早前已簽署合作備忘錄，主要在鐵路系統的數據分析方面合作。透過智慧城市數碼中心的強大數據分析及連接能力，西門子與港鐵將合力改善公共交通系統及發掘科技的發展潛力。

加上中電控股有限公司旗下的全資附屬公司 **CLP Innovation Enterprises Limited** 及西門子早前簽署有關智慧能源的合作備忘錄，可見各大機構及基建發展商如中電、智慧城市聯盟及港鐵都擴展與西門子的合作，透過研發智慧建築、智慧能源及智慧交通等範疇，共同建設更美好的香港。

西門子股份有限公司管理委員會成員德里克·奈克先生於開幕禮表示：「西門子正以一個新角色推動香港成為智慧城市及數碼中心，與香港科技園發展全港首個智慧城市數碼中心。該中心將集中初創企業及基建發展商，讓他們創造其數碼化藍圖，並同時處理香港特有的城市挑戰。我們亦很熱衷與各戰略大機構如智慧城市聯盟、港鐵及中電合作，為智慧城市發展做好準備，並創建香港及亞洲的創新科技生態系統的未來。」

香港科技園公司行政總裁黃克強表示：「是次與西門子合作，對我們致力推動智慧城市方案標誌著一個重要里程碑。我們在充滿活力的創新及科技生態圈中積極聯繫各持份者，同時推行形形色色與智慧城市相關的舉措，包括與香港中文大學共同推行的智慧社區，讓學術界、初創企業、中小企、以至龍頭企業合作更緊密，促成知識轉移及技術商品化。透過西門子的雲端物聯網平台及科學園支援大數據的數據工作室，我們希望能夠加快與香港智慧城市相關的數據分析方案，並有效解決城市帶來的各種挑戰。」

在開幕禮中，參加者對智慧城市數碼中心的科技示範深感興趣。今日的開幕禮及近期與各大機構合作都反映香港在智慧城市發展的領導地位，並推動亞洲可持續的數碼化發展。





智慧城市聯盟召集人楊全盛先生（左一）、西門子香港及澳門行政總裁鍾漢明先生（左二）、西門子大中華區首席執行官赫爾曼先生（左三）、西門子股份有限公司管理委員會成員德里克•奈克先生（左四）、香港科技園公司董事會主席羅范椒芬女士（右四）、香港科技園公司行政總裁黃克強先生（右三）、德國駐港澳總領事林文禮先生（右二）及中電控股有限公司創新高級總監柏恩斯先生（右一）一同為智慧城市數碼中心揭幕。



西門子香港及澳門財務總監沈波先生（左一）、西門子大中華區首席執行官赫爾曼先生（左二）、西門子股份有限公司管理委員會成員德里克•奈克先生（中）及西門子香港及澳門行政總裁鍾漢明先生（右二）參觀智慧城市數碼中心內的西門子創新解決方案及科技。



西門子香港及澳門行政總裁鍾漢明先生（前排左）及智慧城市聯盟召集人楊全盛先生（前排右），在西門子大中華區首席執行官赫爾曼先生（後排右一）、西門子股份有限公司管理委員會成員德里克·奈克先生（後排右二）、智慧城市聯盟智能城市聯盟物聯網委員會主席曾劍鋒博士（後排左二）及智慧城市聯盟業界聯繫及伙伴小組主席吳國強先生（後排左一）見證下，簽署合作備忘錄，發展香港成為智慧城市。

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#### 有關西門子

西門子股份有限公司是領先全球的科技企業，創立於 1847 年，業務遍及全球 200 多個國家，專注於電氣化、自動化和數碼化領域。西門子一直以卓越的工程技術、創新、品質、可靠性及國際化著稱。作為世界最大的高效能源和資源運用的技術供應商之一，西門子在複循環發電渦輪機、輸電解決方案、基建設施解決方案、工業自動化、驅動和軟體解決方案，以及醫療影像設備和實驗室診斷等領域居領導地位。截至 2017 年 9 月 30 日，西門子全球擁有約 372,000 名員工。2017 年財政年度，西門子的營業總額達到 830 億歐元，純利為 62 億歐元。欲了解更多資訊請瀏覽：[www.siemens.com](http://www.siemens.com)。

1911 年，西門子於香港開設首個辦事處。多年來西門子致力成為香港及澳門值得信賴的業務伙伴，為兩地的基建設施提供創新的解決方案，包括：中電及澳電變電站及龍鼓灘發電廠的燃氣輪機；沙中線信號、主控及固定通信系統；蓮塘/香園圍口岸交通及監測系統及新濠天地的樓宇解決方案。