

GS1 Hong Kong's Internet of Things Award winners bring ubiquity into reality

*Corporate and student winners showcase IoT innovation and excellence,
and promote the adoption of a key global trend in Hong Kong*

Hong Kong – September 19, 2014 – GS1 Hong Kong's Hong Kong Internet of Things (IoT) Awards shines on the top performers in terms of adoption and creativity of this major global trend. Taking place for the first time in 2014, the new awards programme aims to showcase innovation in the field, recognise pioneering enterprises and outstanding tertiary students, and support the Hong Kong SAR Government's long-term Digital 21 Strategy and blueprint for the territory's ICT development.

A recent IDC report predicted that the worldwide market for IoT solutions would grow from US\$1.9 trillion in 2013 to US\$7.1 trillion in 2020. Formerly known as the Hong Kong RFID Awards, the Hong Kong IoT Awards is well positioned to drive local application of IoT to address business issues and challenges in daily life. It can also serve as a platform to stimulate innovative implementations and champion the development of new IoT solutions in the territory.

"With the tremendous applications and opportunities offered by the Internet of Things, local companies should be well prepared to cope with this mega trend," said Ms Anna Lin, JP, Chief Executive of GS1 Hong Kong. "The award winners can certainly provide role models and showcase how businesses can benefit from 'everything connected' by bringing more visibility to the supply chain."

The Hong Kong Internet of Things Awards features six main categories:

- IoT Implementation Excellence
- IoT Application Innovation
- Winning IoT Technology
- RFID Implementation Excellence
- RFID Application Innovation
- Winning RFID Technology

The Real-World IoT Platform for the Electricity Supply Market – myEnergy Programme of CLP Power Hong Kong Limited – won the Gold Award in both the IoT Implementation Excellence and the IoT Application Innovation categories. There were two Gold Award winners in the Winning IoT Technology category. They were Equipment Height Real-time Monitoring System (EHRMS) for the Hong Kong-Zhuhai Macao Bridge Project by DigiMobi Technology Limited and Rodsum Wireless Limited, as well as the Mobile Heart Health Monitoring System by the Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI).

On the RFID side, Chow Tai Fook Jewellery Co. Ltd. took the Gold Award for both RFID Implementation Excellence and RFID Application Innovation, with its ICS RFID-technology Deployment programme. The Gold Award for Winning RFID Technology went to U.R.RFID Limited for its Heat Transfer RFID Label.

"As the President of Hong Kong Internet of Things Industry Advisory Council, and on behalf of the Panel of Judges, it is my great pleasure to extend my sincere congratulations to all the winners of the Hong Kong Internet of Things (IoT) Awards 2014," said Robert Burton, Chairman of the Hong Kong IoT Awards 2014 Judging Panel.

“Throughout my discussions with the award participants, I have found innovative and applicable solutions that can meet market needs. The passion of the participants and their creative ideas resulted not only in winning an award, but also further enhancing our living styles in many different ways,” he said.

“We will encourage more participation in the IoT Award, which not only promotes successful IoT applications for meeting business needs, but also tells the world that Hong Kong has great capabilities and talent. That talent will continue to contribute and develop our community, our environment and our future. I look forward to meeting more participants in the next year’s IoT Awards,” he added.

To encourage more original IoT application development by talented local students, the Hong Kong U-21 Internet of Things (IoT) Awards programme was opened up to Hong Kong tertiary students in the form of two main categories:

- IoT Revolution Concept
- IoT Revolution Application

Students from the Department of Electronic & Computer Engineering of the Hong Kong University of Science and Technology won the Gold Award for IoT Revolution Concept, while students from the Hong Kong Polytechnic University took the IoT Revolution Application Gold Award.

“I am very honoured to be the Chairman of the Hong Kong U-21 IoT Awards 2014 panel judges and deeply impressed with the creativity and enthusiasm of the projects presented by the college students,” said Lecturer Paul W.K. Wu, Chairman of the Hong Kong U-21 IoT Awards 2014 Judging Panel.

“Compared to the RFID Awards in the past, this year’s award embraces a wider range of conceptual developments and applications on the use of Internet of Things (IoT) which relates directly to our daily lives and business operations. I have to give hearty congratulation to all of the award winners for their brilliant presentations and a big thank you to all the panel judges for giving the students invaluable and expert advice on the projects presented,” he said.

“I would also like to compliment GS1 Hong Kong on organising such a meaningful event and supporting Hong Kong its goal of becoming a smart city through the application of IoT,” he added.

All the winners will be honoured at GS1 Hong Kong’s 25th anniversary Gala Dinner held at the Hong Kong Convention and Exhibition Centre on 17 December 2014.

For more information, please visit http://www.gs1hk.org/en/awards/hk_iot_awards/objectives.html.

About GS1 Hong Kong

Founded by the Hong Kong General Chamber of Commerce in 1989, GS1 Hong Kong is the local chapter of GS1®, a not-for-profit, global supply chain standards organisation headquartered in Brussels, Belgium, with over 110 national chapters in 150 countries.

GS1 Hong Kong’s mission is to enable Hong Kong enterprises to have more efficient, visible and safer supply chains through the provision of global standards and a full spectrum of standards-based solutions and services, thus making possible business optimisation and value creation. It engages with communities of trading partners, industry organisations, governments, and technology providers to understand and respond to their business needs through the adoption and implementation of global standards.

GS1 Hong Kong currently has more than 6,500 corporate members covering close to 20 industries including retail consumer goods, food, wine, healthcare, apparel, consumer electronics, logistics, information and technology.

For more information about GS1 Hong Kong, please visit www.gs1hk.org.



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For further information, please contact:

Yvonne So (GS1 Hong Kong): Tel: (852) 2863 9756
Email: yvonneso@gs1hk.org

Brian Paterson (Lewis PR): Tel: (852) 2122 9762
Email: brian.paterson@lewispr.com

Appendix

The winners of the Hong Kong Internet of Things (IoT) Awards

Category	Award	Company / Organization	Project title
IoT Implementation Excellence	Gold	CLP Power Hong Kong Limited	Real-World IoT Platform for Electricity Supply Market-myEnergy Programme
	Silver	Sino Parking services Limited	IoT-based Advanced Automobile Parking Navigation System
	Bronze	Guangdi (Hong Kong) Company limited	Intelligent Agriculture based on IOT
IoT Application Innovation	Gold	CLP Power Hong Kong Limited	Real-World IoT Platform for Electricity Supply Market-myEnergy Programme
	Silver	Sino Parking services Limited	IoT-based Advanced Automobile Parking Navigation System
Winning IoT Technology	Gold	DigiMobi Technology Limited and Rodsum Wireless Limited	Equipment Height Real-time Monitoring System (EHRMS) for Hong Kong-Zhuhai Macao Bridge Project
	Gold	Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)	Mobile Heart Health Monitoring System
	Silver	Lincogn Technology Co. Limited	Bluetooth Smart Home
	Silver	Hong Kong Communication Co. Ltd	HKC Real Time Location Tracking System Application Platform
RFID Implementation Excellence	Gold	Chow Tai Fook Jewellery Co. Ltd	ICS RFID-technology Deployment (IRD)
	Silver	KentFa Advanced Technology Corp. · EPC Solutions Taiwan Inc., and Sunbest Technology Company Ltd.	CABLE ANTENNA with Enhanced Surface Wave Guide
	Bronze	PCCW Solutions Limited and Jing Mei Industrial Limited	RFID-based Electroplating Process Management System
RFID Application Innovation	Gold	Chow Tai Fook Jewellery Co. Ltd	ICS RFID-technology Deployment (IRD)
	Silver	KentFa Advanced Technology Corp. · EPC Solutions Taiwan Inc., and Sunbest Technology Company Ltd.	CABLE ANTENNA with Enhanced Surface Wave Guide
	Bronze	PCCW Solutions Limited and Jing Mei Industrial Limited	RFID-based Electroplating Process Management System
Winning RFID Technology	Gold	U.R.RFID Limited	Heat Transfer RFID Label
	Silver	Megabyte Limited	mTray - mobile Retail Tray

The winners of the Hong Kong U-21 Internet of Things (IoT) Awards

Category	Award	Institution	Project Title
IoT Revolution Concept	Gold	Department of Electronic & Computer Engineering, Hong Kong University of Science and Technology Student: Huang Wen Jian	PiCode : Picture 2D Barcode
	Silver	Department of Information Systems - Information Management, City University of Hong Kong Students: Chung Ka Ming, Yip Kin Chung, Au Yeung Shan Shan, Lin Yat Tin, Hung Chak Chiu, Kwok Chak Yung	The iWear Closet
	Bronze	Marketing, Hong Kong Community College Students: Kwok Chiu Wa, Wong Po Yan, Tang Sau Yan, Wong Suk Ying, Wong Sze Ki	Q-Waste
	Bronze	Associate in Business (Marketing), Hong Kong Community College Students: Leung Ming Sze, Hui Sze Wai, Lee Chak Hong, Lau Kong Fat, Chiu Chun Ting, Yeung Man Kit	Open Toilet
IoT Revolution Application	Gold	Department of Computing, The Hong Kong Polytechnic University Students: Lau Shiu Fung, Ho Man Fai, Sin Ping Tat, Yu Chin Ting, Yau Chi Kuen	Disabled Assistant System: Using RFID and Hand Detection technologies
	Silver	Dept. of Industrial and Manufacturing Systems Engineering, The University of Hong Kong Students: Kong Xiang Tian Rui, Shao Sai Jun, Lan Jian Hua, Yang Hui Bin, Zou Bing Feng, Fang Ji	UbiPen: A multisensory and wearable smart pen for the internet of manufacturing things
	Bronze	High Diploma in Software Engineering (Year 2), Hong Kong Institute of Vocational Education (Tsing Yi Campus) Students: Chau Siu Fai, Lau Tsz Yan, Cheung Wai Tak, Tong Cham Fei, Chan Chun Hei, Chan Tik Ki	Smart Shopping Mobile Service Platform with using iBeacon, NFC and QR code Technologies
	Bronze	Department of Computer Science, Advanced Info. System (Year 1), Hong Kong Baptist University Students: Wang Liwei, Chen Zhuo, Li Tong, Pei Kexin	"EyeBB": Intelligent Behaviour and Safety Tracker for Kids

The Certificate of Merit of the Hong Kong Internet of Things (IoT) Awards

Company / Organization	Project Title
ADT Hong Kong Limited	Tyco Retail Solution TrueVUE RFID Inventory Intelligence solution
Amaranto Asia Limited	Playthe.net
Baguio Green Group Limited Megasoft Limited	Confidential Waste Destruction Project
C & C Security Printing Co. Ltd HK Systems Limited	RFID Asset Management System
Colt Advance International Ltd	Cloud Based Sleep Guard
Contech Lab The Hong Kong Polytechnic University	A BLE-based Intelligent Caring System (BLE-iCare) for Improving Services Quality to Residents in Elderly Home
Convergence System Limited	CS8304 Cold Chain Temperature Logging Tag
E-Business Solution Limited	RF Guard
Espot Lighting Limited	Smart LED Bulb For Security System
Flex System Limited	BusinessPlus ERP CRM System [on HTML5]
Galaxy Automotive MS Inc. SecurePro Technology Security System Limited	F-1 Solution
iGen6 Digi-Marcom Limited	iGen6agon - The Unique Digital Marketing Platform Leveraging Indefinite Possibilities of New Media
Infoengine Technology (Hong Kong) Limited	Automatic Medication Compliance System
QBS System Limited Cenique infotainment Group Limited	IoT Intelligent Gateway
TradeLink Technologies Ltd.	Intelligent Supply Chain Track & trace Solution
Wifinity Limited	Wireless Intelligent Node

The Certificate of Merit of the Hong Kong U-21 Internet of Things (IoT) Awards

Institution	Project Title
Community College of City University Students: Chung Siu Hang, Lai See Lok, Tse Sze Man, Ko Ka Man, Wen Yu Shan, Cheung Ho Lun	Public Transportation Infrastructure
Community College of City University Students: Lo Leong Cheung, Chan See Yu, Cheng Man Cheng, Chu Wai Yin, Yip Wai Ting, So Ka Ho	EASY ELECTRONIC TICKET - RFID based Dynamic Electronic Ticket
Hong Kong Community College Students: Kwan Hei Yin, Mak Lai Fong, Yeung Wong Ho, Wong King Hei, Tse Ham Yan	Multifunction dIGITAL-Card
Hong Kong Community College Students: Kwok Ko Chit, Law Jason, Wong Kit Hing, Leung King Nam, Lam Nang Tat, Lee Ting Ting	Holy Seat
Hong Kong Community College Students: Wong Tsz Kin, Kong Wai Pong, Chan To Hong, Chung Kit Sing, Ho Sin Tung	Magic Pen
Hong Kong Community College Students: Law Ka Yan, Yuen Wing Tung, Cheung Hoi Ching, Tsang Man Wai	I-pillow
Hong Kong Community College Students: Wong San Yi, Lee Kin Ho, So Hiu Fung, Wong Yuen Sum	Smart Bluetooth Traffic Control System
Hong Kong Institute of Vocational Education (Tun Mun Campus) Students: Yeung Chin Hang, Chan Ka Ho, Siu Wing Hung, Wong Chin Fung	RFID in Using Hospital Management System
Hong Kong Institute of Vocational Education (Tun Mun Campus) Leung Ka Hei, Lam Pan, Lam Hin Leung, Lau Chun Ming	Home and Outdoor Elderly Taking Care Automation

Hong Kong Institute of Vocational Education (Tun Mun Campus) Students: Yuen Ka Lok, Chung Chun Ming, Wong Chun Sun	E-elderly Management System
Hong Kong Institute of Vocational Education (Tsing Yi Campus) Students: Lau Cheuk Ho, Lai Lap Man, Gan Jia Cheng, Ho Tak Fai, Ho Tung	Smart transport system
Hong Kong Institute of Vocational Education (Tsing Yi Campus) Students: Chau Tsun Fai, Cheung Ping Kong, Lau Tin Yu	Product Authentication System with NFC Technology - a mobile application
School of Professional Education and Executive Development, The Hong Kong Polytechnic University Griffith University Students: Pong Kai Sze, Pong Dik Yin	i-Gotcha
The Chinese University of Hong Kong Students: Chen Ying Ting, Li Xin Wei	Intelligent Museum Guiding System
The Chinese University of Hong Kong Students: Li Ho Kwong, Chen Mei Zhi	Indoor Acoustics Positioning System – for vulnerable group
The Chinese University of Hong Kong Students: Lui Ming Yuen, Leung Pak Hin, Cheung Ka Yan	Wetland Smart - Development of Navigation Mobile Application for Android
The Hong Kong Polytechnic University Student: Ho Yik Him	RFIQ: RF-based Intelligent Queue Management System
The Hong Kong Polytechnic University Students: Pun Chi Ho, Hui Tik, Lee Wai Man, Leung Sze Nga, Ho Yik Him, Li Hoi Yi	iBeacon-Based Intelligent Store
The Hong Kong Polytechnic University Students: Wong Chun Fai, Ho Yik Him	Low Cost Smart Home System with Android Application
The Hong Kong Polytechnic University Students: Lee Yuet Hei, Ng Toi Chun, Wong Ching Yuen, Kwok Hiu Lam, Poon Koon Hung, Yeung Yuen Ki	Gym, Gym, Gym... My personal fitness coach

<p>The Hong Kong Polytechnic University Students: Wong Yau Ting, Tam Hiu Man, Cheung Chun Pong, Ng Wing Ki</p>	<p>An Integrated Shopping Mall Mobile Application - PocketMall</p>
<p>The Hong Kong Polytechnic University Students: Wu Junjie, Ng Kam Hung, Heung Shuk Fong, Xiong Zhi Ren, Zou Jinglam</p>	<p>Smart Waste Management System for Hong Kong Community</p>
<p>The Hong Kong Polytechnic University Students: Cheung Ngai King, Chan Chui Fun, Fung Ying Man, Chan Ka Li, Suen Hon Ki, Mak Ka Shing</p>	<p>i oppose Tobacco</p>
<p>The Hong Kong Polytechnic University Students: To Yip Sum, Liu Lai Shan, Li Hoi Yi, Leung Sze Nga</p>	<p>Integrated Care (i-Care)</p>
<p>The University of Hong Kong Student: Yiu Chung Kit</p>	<p>An NFC-Enabled Anti-Counterfeiting System for Wine Industry</p>
<p>The University of Hong Kong Students: Leung Kin yeung, Cheng Wing Hang, Chan Ling, To Tsz Fung, Wong Kin Long, Ho Sze Wan, Choi Tzs Hong, Tsoi Kwan Kit</p>	<p>Uwatch - CONnet everything U need</p>
<p>The University of Hong Kong Students: Chen Menglin, Ma Zilong, Shualbh Gupta</p>	<p>The Novel Ultra-Thin Reconfigurable UHF Antenna Technology for the Smart Shelf</p>