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Hong Kong ICT Awards 2019: Smart Business Award
Recognises Ten Outstanding Talents for their Creative ICT Solutions
With Four Award Streams Covering Solution for Business and Public Sector Enterprise, Solution for SME, Big Data and Open Data Applications and Information Security

4 April 2019, Hong Kong – The Hong Kong ICT Awards 2019: Smart Business Award presentation ceremony was successfully held at Theatre 1, Hong Kong Convention and Exhibition Centre today, with ten outstanding winners being recognised for developing innovative and cost-effective solutions that serve the needs of private and public enterprises. Hong Kong Observatory, the winner of "Smart Business (Solution for Business and Public Sector Enterprise) Gold Award", was conferred the Grand Award of this award category for its "From detection of rain to safeguarding of the community against hazardous weather" project.

This marks the 13 consecutive years since Hong Kong Computer Society (HKCS) has been appointed by OGCIO as the host and leading organisation of the 'Smart Business Award'. As the host of this award category, HKCS has played a pivotal role in appraising award entrants for their ability to deploy information technologies for day-to-day 'smart' business application.

Mr. Ted Suen, President of the Hong Kong Computer Society expresses his hearty congratulations to all winners. "On behalf of HKCS, I would like to congratulate those award winners for their hard-earned success. They must undergo strict assessment, judgment and inspection, and outperform many other standing creative products. I believe those winners of this year will continue to make substantial contribution to the ICT industry development in the future."

The Smart Business Award category with four different streams: Solution for Business and Public Sector Enterprise, Solution for SME, Big Data and Open Data Applications and Information Security. There are 10 winners and one Grand Award winner being selected among them.

This year's Grand Award and "Smart Business (Solution for Business and Public Sector)" Gold Award went to "From detection of rain to safeguarding of the community against hazardous weather" project by The Hong Kong Observatory (HKO). HKO has developed a world-class urban-scale nowcasting system, namely SWIRLS (Short-range Warning of Intense Rainstorms in Localized Systems). Innovatively using observations from radars, lightning sensors and rain gauges while adopting computer vision, deep learning and computer weather model, SWIRLS provides timely and effective forecasts of location, timing and intensity of rainfall and lightning hours ahead. SWIRLS supports operation of rainstorm forecasting and warning services, and powers public nowcast services through HKO's mobile app and website. SWIRLS has been adopted in weather services in Mainland China, Macao, India, South Africa and Malaysia, with a collaborative development platform established for future development.

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List of winners for "Hong Kong ICT Awards 2019: Smart Business Award"

Entry	Organisation	Award
Hong Kong ICT Awards 2019: Smart Business Grand Award		
From detection of rain to safeguarding of the community against hazardous weather	Hong Kong Observatory	Grand Award
Hong Kong ICT Awards 2019: Smart Business (Solution for Business and Public Sector Enterprise) Award		
From detection of rain to safeguarding of the community against hazardous weather	Hong Kong Observatory	Gold Award
Smart Planning	Hung Hing Printing Group Limited	Gold Award
Arrival Baggage Reclaim Performance Monitoring System	Airport Authority / Creaxon Technologies Inc. Ltd.	Silver Award
HKIA Digital Twin	Airport Authority/ Chain Technology Development Co. Ltd.	Certificate of Merit
OceanX ECM	OceanX Technology Ltd.	Certificate of Merit
Hong Kong ICT Awards 2019: Smart Business (Solution for SME) Award		
HK Decoman Technology Ltd.	HK Decoman Technology Ltd.	Gold Award
WedCam	Creote Studio Ltd.	Silver Award
Smart Quality and Inspection Platform	Quikec International Ltd.	Bronze Award
Hong Kong ICT Awards 2019: Smart Business (Big Data and Open Data Applications) Award		
ATAL's Cloud-based Chiller Plant Energy Management Platform (EM-Platform)	ATAL Building Services Engineering Ltd	Silver Award
Gekko Graph	Gekko Artificial Intelligence Ltd.	Bronze Award

The other Gold Award of Hong Kong ICT Awards 2019: Smart Business (Solution for Business and Public Sector Enterprise) was won by "Smart Planning" by Hung Hing Printing Group Limited. It is an Industry 4.0 solution that optimizes machine utilization, enhances overall productivity and increases transparency. It uses advanced algorithms to automatically compute the most optimal production schedule based on order specifications, delivery date and priority. Work orders are assigned and dispatched the most suitable set of machines and timeframe to produce. IoT devices collect real-time production data directly from machines to monitor progress and performance through mobile applications.

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The winner of Hong Kong ICT Awards 2019: Smart Business (Solution for SME) Gold Award was HK Decoman Technology Ltd. It is a one-stop solution for renovation. They develop intelligent services using various technologies to cater to the individualized renovation needs of each client. These services include their HKDecoman intelligent client-contractor pairing system which links the renovation projects to required products and services. In addition to online-to-offline services, they also provide diverse P2P sale solutions and educate our clients on renovation and maintenance. By adopting intelligent contacts and blockchain technology (Co-operating with MoneySQ), they are able to provide extra protection to clients.

There is no Gold Award winner in Hong Kong ICT Awards 2019: Smart Business (Big Data and Open Data Applications) category. The Silver Award went to "ATAL's Cloud-based Chiller Plant Energy Management Platform (EM-Platform)" by ATAL Building Services Engineering Ltd. It is an all-in-one intelligent system leveraging big data analytics for achieving optimum performance and energy savings at chiller plants. 'ATAL's Dynamic Optimisation' is built upon the basis of self-trained physics-guided machine learning (ML) models using actual operating data. This ensures accurate modelling of the actual performance of chiller plant equipment. And there is no winner in "Smart Business (Information Security)" category this year.

Ms. Jean Hung, Chairperson of the Organising Committee of HKICT Awards 2019: Smart Business Award said, "The Hong Kong ICT Awards has been running for over ten years, backed by enthusiastic support from the government, industry associations, professional bodies and the academia. It is wonderful to see the award going from strength to strength over the years, as can be witnessed from the high caliber of entries we have received this year."

Professor Simon Ho, President of The Hang Seng University of Hong Kong as well as the Chairperson of the Judging Panel of HKICT Awards 2019: Smart Business Award said, "We are extremely pleased to see such strong participation in the Awards this year, especially in the Smart Business Award category. Finally, ten winners were selected based on their success in meeting five judging criteria, including creativity, functionality, market potential, impact and quality."

Winners in this year's Hong Kong ICT Awards will undergo further assessment by HKCS for nomination into the Asia Pacific Information and Communication Technology Alliances (APICTA) Awards, and represent Hong Kong in competing against other Asian economies.

As the host of this acclaimed award for over a decade, President of HKCS Mr. Suen believes that the HKICT Awards play an important role in encouraging local ICT innovations that enhance business efficiency and productivity, ultimately boosting the city's competitiveness.

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However, Mr. Suen emphasises that achieving these objectives will require the continued collaborative efforts of industry, academia and government. "Looking ahead, I believe that our joint efforts will continue to be crucial for encouraging participation on a territory-wide level, and to provide more opportunities for Hong Kong ICT talents to showcase their prowess on the international stage."

For the product summaries of Grand Award and Gold Award winners, please refer to the accompanying Appendix.

About "Hong Kong ICT Awards: Smart Business Award"
The Hong Kong ICT Awards were established in 2006 with the collaborative efforts of the industry, academia and Government. Steered by the Office of the Government Chief Information Officer (OGCIO), and organised by Hong Kong ICT industry associations and professional bodies, the Awards aims at building a locally espoused and internationally acclaimed brand of ICT awards.

The "Hong Kong ICT Awards: Smart Business Award" (formerly known as "IT Excellence Awards") was first established in 1998 by Hong Kong Computer Society, and has become a well-reognized award in Hong Kong. This annual event has become a great platform for encouraging the use of ICT, to stimulate innovation and competitiveness in the ICT industry and to raise public awareness of ICT application development.

For more details about the Award, please visit http://www.hkcs.org.hk/ictawards

About the Hong Kong Computer Society (HKCS)
Founded in 1970, the Hong Kong Computer Society (HKCS) is a recognised non-profit professional organisation focused on developing Hong Kong's Information Technology (IT) profession and industry. Their members come from a broad spectrum of Hong Kong's IT community, from corporations to like-minded individuals, all coming together to raise the profile and standards of the IT profession and industry. As a well-established IT professional body, the Society is committed to professional and industry development as well as community services to ensure the IT sector continues to make a positive impact on peoples' lives with three main goals, namely, 1) talent cultivation and professional development, 2) industry development and collaboration, and 3) the effective use of IT in our community.

For more details, please visit http://www.hkcs.org.hk.

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Appendix:
Product Summaries of "Hong Kong ICT Awards 2019: Smart Business Award"
Gold Award Winners

"Hong Kong ICT Awards 2019: Smart Business Grand Award" and "Smart Business (Solution for Business and Public Sector Enterprise) Gold Award" –
Hong Kong Observatory
From detection of rain to safeguarding of the community against hazardous weather
www.weather.gov.hk

The Hong Kong Observatory (HKO) pioneers nowcasting to predict severe weather including heavy rain, lightning, hail and gust in the next few hours. HKO has developed a world-class urban-scale nowcasting system, namely SWIRLS (Short-range Warning of Intense Rainstorms in Localized Systems). Innovatively using observations from radars, lightning sensors and rain gauges while adopting computer vision, deep learning and computer weather model, SWIRLS provides timely and effective forecasts of location, timing and intensity of rainfall and lightning hours ahead.

SWIRLS supports operation of rainstorm forecasting and warning services, and powers public nowcast services through HKO's mobile app and website. Additionally, rainfall nowcasts are provided to Civil Engineering and Development Department, Drainage Services Department and Water Supplies Department to mitigate landslides, improve works efficiency, enhance ecology and preserve freshwater. Customised lightning nowcast products are provided to managers of critical infrastructure, utilities and facilities for saving lives and mitigating damages by enabling timely activation of responses prior to arrival of inclement weather.

HKO has been designated by the World Meteorological Organization as the Regional Specialized Meteorological Centre for Nowcasting. SWIRLS has been adopted in weather services in Mainland China, Macao, India, South Africa and Malaysia, with a collaborative development platform established for future development.

Hong Kong ICT Awards 2019: Smart Business (Solution for Business and Public Sector Enterprise) Gold Award
Hung Hing Printing Group Limited
Smart Planning
www.hunghingprinting.com

Smart Planning is an Industry 4.0 solution that optimizes machine utilization, enhances overall productivity and increases transparency by transforming and simplifying the way manufacturers plan, schedule, dispatch, execute and monitor performance.

It is especially well-suited to complex make-to-order manufacturing environment and products that require many manufacturing tasks.

It uses advanced algorithms to automatically compute the most optimal production schedule based on order specifications, delivery date and priority. Work orders are assigned and dispatched the most suitable set of machines and timeframe to produce. IoT devices collect real-time production data directly from machines to monitor progress and performance through mobile applications.

This multi-module solution combines with traditional ERP system to enable digital practices of smart factory and deliver real business value to manufacturers.

Hong Kong ICT Awards 2019: Smart Business (Solution for SME) Gold Award
HK Decoman Technology Ltd.
https://hkdecoman.com/

As a human-oriented company, HK DECOMAN TECHNOLOGY LIMITED (HKDecoman) is an one-stop solution for renovation. They develop intelligent services using various technologies to cater to the individualized renovation needs of each client. These services include their HKDecoman intelligent client-contractor pairing system which links the renovation projects to required products and services.

The company strives to build an innovative ecosystem that guarantees a comprehensive product and service offer. In addition to online-to-offline services, they also provide diverse P2P sale solutions and educate our clients on renovation and maintenance. By adopting intelligent contacts and blockchain technology (Co-operating with MoneySQ), they are able to provide extra protection to clients.

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