HONG KONG ICT AWARDS 2026 香港資訊及通訊科技獎

20

Innovate • Inspire • Impact
創新 • 啟發 • 引領未來

Smart Business Award
商業方案獎

Smart Business Award

Emerging Technologies
新興技術

Solution for Business and Public Sector Enterprise
商業及公營機構

Solution for SME
中小企業



Organiser
主辦機構

數字政策辦公室
Digital Policy Office

Leading Organiser
籌辦機構

HONG KONG COMPUTER SOCIETY
香港電腦學會

Content
目錄

Background	背景	1
Award Streams	獎項組別	2
Message from President	會長獻辭	3
Message from Chairperson of Judging Panel	評審委員會主席獻辭	4
Hong Kong ICT Awards 2026: Smart Business Award Judging Panel	「2026香港資訊及通訊科技獎：商業方案獎」評審委員會	5
Message from Chairperson of the Organising Committee	籌備委員會主席獻辭	6

Hong Kong ICT Awards 2026: Smart Business Grand Award and Smart Business (Solution for Business and Public Sector Enterprise) Gold Award
2026香港資訊及通訊科技獎： 商業方案大獎 及 商業方案（商業及公營機構）金獎

Electrical and Mechanical Services Department/ Architectural Services Department / Housing Department / Hong Kong Center for Construction Robotics Limited / Hong Kong Housing Society 機電工程署 / 建築署 / 房屋署 / 香港智能建造研發中心 / 香港房屋協會	AI-enabled Smart Water Tank Cleaning Robot 人工智慧清潔水箱機器人	7

Hong Kong ICT Awards 2026: Smart Business (Solution for Business and Public Sector Enterprise) Award
2026香港資訊及通訊科技獎：商業方案（商業及公營機構）獎

Silver Award 銀獎

Hong Kong Housing Authority / The Hong Kong University of Science and Technology 香港房屋委員會 / 香港科技大學	HA-iGEN: Housing Authority Intelligent Design Generator 智生城: 房委會智慧生成設計工具	9

Bronze Award 銅獎

Henderson Land Development Co. Ltd. 恒基兆業地產有限公司	AI Procurement and Contracting Accelerator System AI 採購及招標加速管理系統	10

Certificate of Merit 優異證書

CLP Power Hong Kong Limited 中華電力有限公司	Distribution Network Operations Optimisation (DNOO) — Integrated Digital Grid Platform 配電網運行升級項目 (DNOO)	11

Hong Kong ICT Awards 2026: Smart Business (Emerging Technologies) Award
2026香港資訊及通訊科技獎：商業方案（新興技術）獎

Gold Award and "Best Use of AI" Award 金獎 及 「最佳人工智能應用」獎

Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)
香港應用科技研究院有限公司
Extended Depth of Focus and 3D Modeling for Next Generation Digital Microscope
用於新一代數位顯微鏡的景深擴展與三維重建 12

Silver Award 銀獎

CenturySoft International Ltd. / Plus One Social Enterprise Ltd.
匯創紀(香港)有限公司 / 怡承服裝電商社會企業有限公司
CSoft AI Enterprise Intelligence Platform
CSoft AI 大型企業智能方案平臺 13

GABES Limited
嘉碧芯有限公司
GABES Predictive IoT Fire Detection System
GABES 預判型物聯網火警偵測系統 14

Certificate of Merit 優異證書

Electrical and Mechanical Services Department
機電工程署
ecoAIr®: AI-powered Automatic Control Strategy for Air-side Equipment
ecoAIr®:人工智能驅動的空氣處理機組自動控制技術 15

Hong Kong ICT Awards 2026: Smart Business (Solution for SME) Award
2026香港資訊及通訊科技獎：商業方案（中小企業）獎

Silver Award 銀獎

Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI) / Hong Kong Telecommunications (HKT) Limited
香港應用科技研究院有限公司 / 香港電訊有限公司
AI Firewall: AI-Powered Protection for SMEs
AI防火牆：AI賦能中小企的安全防護 16

Bronze Award 銅獎

FANSX LIMITED
FansX — AI-Powered WhatsApp Membership Rewards & Growth Engine
FansX — AI 驅動 WhatsApp 會員獎賞及增長引擎 17

Certificate of Merit 優異證書

Genesis One Limited
AI Manufacturing: Connecting Global Brands to Autonomous Factories 18

Introduction of Leading Organiser **籌辦機構簡介** 19

Acknowledgement **鳴謝** 20

Smart Business Award
商業方案獎

Background
背景

The Hong Kong ICT Awards (HKICTA) aims at recognising and promoting outstanding information and communications technology (ICT) inventions and applications, thereby encouraging innovation and excellence among Hong Kong's ICT talent and enterprises in their constant pursuit of creative and better solutions to meet business and social needs.

The HKICTA was established in 2006 with the collaborative efforts of the industry, academia and the Government. Organised by the Digital Policy Office, and led by Hong Kong ICT industry associations and professional bodies, the HKICTA marks the 20th anniversary this year, celebrating two decades of excellence in Hong Kong's ICT sector.

There are eight categories under the HKICTA 2026. There is one Grand Award in each category, and an "Award of the Year" is selected from the eight Grand Awards by the Grand Judging Panel. In addition, in a bid to foster the innovative use of artificial intelligence (AI), a "Best Use of AI" award winner is also selected in each of the eight categories to magnify and honour outstanding achievements in harnessing the power of AI in respective areas.

香港資訊及通訊科技獎旨在表揚及推廣優秀的資訊及通訊科技發明和應用，以鼓勵香港業界精英和企業不斷追求創新和卓越，謀求更佳和更具創意的方案，滿足企業的營運需要，造福社會。

通過業界、學術界和政府的共同努力，香港資訊及通訊科技獎於二零零六年成立。香港資訊及通訊科技獎由數字政策辦公室舉辦，並由香港業界組織及專業團體籌辦，獎項今年踏入二十周年，見證着香港資訊科技界二十載的卓越成就。

2026香港資訊及通訊科技獎設有八個獎項類別。每個類別均設有一個大獎，而最終評審委員會再從八個大獎中甄選出「全年大獎」。此外，為了激發更多人工智能的創新應用，每個獎項類別都會選出一個「最佳人工智能應用」獎，以彰顯並表揚那些在相關範疇應用人工智能方面取得傑出成就的參賽作品。

Award Streams
獎項組別

Hong Kong ICT Awards 2026: Smart Business (Emerging Technologies) Award

This stream is to recognise outstanding locally developed IT products and services using emerging technologies such as: Artificial Intelligence (AI), Robotics, Big Data/Open Data, Augmented Reality (AR), Virtual Reality (VR), Mixed Reality (MR), distributed ledgers, IoT, 3D Printing, digital twins, etc. to provide innovative solutions for their target customers.

Hong Kong ICT Awards 2026: Smart Business (Solution for Business and Public Sector Enterprise) Award

As the application of Information Technology is essential to improve the operating efficiency and productivity, quality and overall competitiveness and customer service for both our business and public sector enterprises, this stream recognises outstanding locally developed applications which provide cost effective and innovative IT solutions to business enterprises as well as public sector organisations. The awards encourage in-house applications developed and implemented by business and public sector organisations using the most appropriate technologies suiting the intended purposes.

Hong Kong ICT Awards 2026: Smart Business (Solution for SME) Award

The stream is to recognise outstanding achievements in technological innovations in locally developed IT products and application/services for effective use by SME. The backbone of our economy is our SMEs, of which the adoption of ICT is crucial for its efficiency and productivity, and its global reach in marketing strategy and business expansion.

「2026香港資訊及通訊科技獎：商業方案(新興技術)獎」

這個獎項主要表揚本地以新興技術開發的優秀科技產品和服務，包括人工智能 (AI)、機器人技術、大數據/開放數據、增強現實 (AR)、虛擬現實 (VR)、混合現實 (MR)、分佈式賬本、物聯網、3D 打印、數字孿生等，以為他們的目標客戶提供創新的解決方案。

「2026香港資訊及通訊科技獎:商業方案（商業及公營機構）獎」

這個獎項主要表揚本地研發的產品或應用解決方案，通過新興的資訊科技，包括雲端、物聯網、移動性、智能設備、人工智能和大數據，為商業及公營機構提供具成本效益及創新的資訊科技方案，以提高公司產品或服務的質量和整體競爭優勢。此獎項鼓勵企業和公營機構運用最合適的技術去開發和實施內部應用程式。

「2026香港資訊及通訊科技獎：商業方案(中小企業)獎」

這個獎項主要表揚由本地開發、著力於中小企業的創新科技產品或技術方案。中小企業是本港經濟的重要支柱，它們對於資訊科技的採用對其效率和生產力至關重要，在全球市場營銷策略和業務拓展方面亦如是。

Message from President
會長獻辭



Mr Dave CHEN
President of Hong Kong Computer Society
陳俊偉先生
香港電腦學會會長

The Hong Kong Computer Society (HKCS) is honoured to serve once again as the Leading Organiser of the "Hong Kong ICT Awards 2026: Smart Business Award". Since its establishment in 1970, HKCS has been dedicated to advancing the ICT industry and upholding the highest professional standards.

Established in 2006 through the collaborative efforts of the industry, academia and the Government, the Hong Kong ICT Awards have continued to recognise excellence and promote innovation across the sector. HKCS is proud to have been appointed by the Digital Policy Office (DPO) of the Government of the Hong Kong Special Administrative Region as the Leading Organiser of the Smart Business Award category. Looking ahead, I am confident that our collective efforts will remain instrumental in encouraging territory-wide participation and creating more opportunities for Hong Kong's ICT talent to showcase their expertise on the international stage.

I am deeply impressed by the exceptional quality of this year's entries and by the unwavering dedication of our ICT professionals in developing innovative solutions. Their achievements not only demonstrate the remarkable progress of the industry but also contribute to the betterment of our community. The enthusiastic participation of these talented individuals has been instrumental in making the "Hong Kong ICT Awards 2026: Smart Business Award" a resounding success.

I would also like to take this opportunity to express my heartfelt gratitude to every member of the Organising Committee, the Assessors and the Judging Panel for their dedication, commitment and expertise. My special thanks also go to the Supporting Organisations and the Secretariat, whose invaluable contributions have been crucial to the success of this endeavour.

Finally, I extend my warmest congratulations to all the winners on their remarkable achievements in advancing the adoption of smart ICT solutions and fostering innovation within Hong Kong's business community.

自1970年成立以來，香港電腦學會一直不遺餘力地推動業界發展及提升業界專業水平，本會深感榮幸能夠再次擔任「2026香港資訊及通訊科技獎：商業方案獎」的籌辦機構。

「香港資訊及通訊科技獎」於2006年在業界、學術界與政府之共同努力下成立。香港電腦學會十分榮幸，能獲香港特別行政區政府數字政策辦公室委任為商業獎類別的籌辦機構。展望未來，相信我們的共同努力，將是鼓勵全港業界參與的關鍵，我們將提供更多機會，予香港的資訊及通訊科技人才，讓他們在國際舞台上展現實力。

今年參賽作品依然維持高質素，而各位ICT專業人員在創新方案上所付出的努力及投入，亦令人深受感動。他們不僅展示出行業的不斷進步，亦為社會帶來裨益。他們的參與，對「2026香港資訊及通訊科技獎：商業方案獎」能達致成功，極為關鍵。

本人想藉此機會，衷心感謝籌備委員會、評審委員會和遴選委員會中，每一位成員的貢獻和專業知識，並感謝支持機構和香港電腦學會秘書處提供的寶貴支持。各位的貢獻對於本獎項的成功，居功至偉。

最後，本人謹代表本會，再次熱烈地祝賀所有獲獎者，並感謝他們在促進推動香港商界採用智慧資訊及通訊科技方案，以及促進創新發展所付出的巨大努力。

Message from Chairperson of Judging Panel
評審委員會主席獻辭



Professor Simon HO
President Emeritus & Honorary Professor of School of Business
The Hang Seng University of Hong Kong
何順文教授
香港恒生大學榮休校長兼商學院榮譽教授

It is my great honour to serve as the Chairperson of the Judging Panel for the "Hong Kong ICT Awards 2026: Smart Business Award". As in previous years, the exceptionally high quality and calibre of this year's entries have made a strong impression on all members of the Judging Panel.

It is widely recognised that information technology plays a pivotal role in enhancing the operational efficiency and productivity of businesses and society as a whole, while helping Hong Kong maintain its competitive edge. The "Hong Kong ICT Awards 2026: Smart Business Award" provides local companies and organisations with a prestigious and widely recognised platform to showcase outstanding products that enhance the effectiveness of businesses and public-sector.

The Organising Committee is immensely pleased with the strong participation and the high calibre of submissions this year, particularly within the Smart Business Award category, which encompasses three streams: "Solution for Business and Public Sector Enterprise", "Solution for SME", and "Emerging Technologies". Following careful and thorough evaluation, winners were chosen based on their exemplary performance against five key criteria: creativity, functionality, market potential, impact, and quality.

As Chairperson, I have had the privilege of collaborating with a highly skilled panel of judges and reviewing numerous outstanding ICT talents and their groundbreaking "smart" innovations. I sincerely hope the awards will continue to thrive, inspiring the creation of original IT products and services that benefit both business and society as a whole.

本人很榮幸成為「2026香港資訊及通訊科技獎：商業方案獎」評審委員會主席。一如以往，本年度參賽作品的質素及水準之高，讓一眾評審印象深刻。

眾所周知，資訊科技對提高商界企業以至整個社會的營運效率和生產力，以及協助香港維持競爭優勢，都有關鍵作用。「2026香港資訊及通訊科技獎：商業方案獎」為本地公司及機構，提供一個廣獲認同的平台，展示其有助提升商界企業及公營機構效能的優秀產品。

我們非常高興看到今年有眾多企業參與競逐，特別在商業方案獎類別。今屆本類別的三個範疇，包括「商業及公營機構」、「中小企業」、「新興技術」等，均收到不少令人鼓舞之作品。基於五項評審準則，包括創意、功能、市場潛力、影響力及質素，經過嚴格評審，各項優秀作品最終脫穎而出。

身為評審委員會主席，我有幸與一支專業的評審委員團隊合作，見證今年傑出資訊及通訊科技人員發明的「智能」商業方案優秀作品。我誠摯希望「香港資訊及通訊科技獎」能夠繼續蓬勃發展，激勵更多本地企業創造資訊科技產品和服務，從而惠及商界以至整體社會。

Smart Business Award Judging Panel
商業方案獎評審委員會



10 9 11 3 7 6 1 5 4 12 2 8

Chairperson of Judging Panel

Professor Simon HO
President Emeritus & Honorary Professor of School of Business
The Hang Seng University of Hong Kong

Panel of Judges

Mr Johnson CHENG
Past Vice President
Hong Kong Computer Society

Professor Andy CHUN
Professor of Practice
The Hong Kong Polytechnic University

Mr Alex HO
Director – Industry Development
Construction Industry Council

Ms Carrie LEUNG, MH
Chief Executive Officer
The Hong Kong Institute of Bankers

Mrs Agnes MAK, MH, JP
Executive Director
Fotocine Holding Co Ltd

Mr Jonathan SHEA
Chief Executive Officer
The Hong Kong Institute of Directors

Mr Ken SIU
Assistant Commissioner (Project Governance and Cybersecurity)
Digital Policy Office
The Government of the Hong Kong Special Administrative Region

Mr WAN Wai-yin
Chief Information Officer
MTR Corporation Limited

Dr Albert WONG
Partner
PricewaterhouseCoopers

Mr Andy WONG
Group Chief Information Officer
Lei Shing Hong Limited

Ir Wilson WONG, MH
Chief Executive Officer
Hong Kong Internet Registration Corporation

評審委員會主席

何順文教授 1
香港恒生大學
榮休校長兼商學院榮譽教授

評審委員會成員

鄭凱先生 2
香港電腦學會
前任副會長

陳漢偉教授 3
香港理工大學
實務教授

何炯光先生 4
建造業議會
總監 - 行業發展

梁嘉麗女士, MH 5
香港銀行學會
行政總裁

麥鄧碧儀女士, MH, JP 6
影藝集團有限公司
執行董事

謝達安先生 7
香港董事學會
行政總裁

蕭橋輝先生 8
香港特別行政區政府
數字政策辦公室
助理數字政策專員 (項目管理及網絡安全)

温偉然先生 9
香港鐵路有限公司
首席資訊主管

王君弼博士 10
羅兵咸永道
合伙人

王德明先生 11
利星行有限公司
集團首席信息官

黃家偉工程師, MH 12
香港互聯網註冊管理有限公司
行政總裁

Message from Chairperson of the Organising Committee
籌備委員會主席獻辭



Mr Ambrose TANG
Deputy Managing Director and Chief Cyber Security and Privacy Officer, Huawei International Company Limited
鄧昭健先生
香港華為國際有限公司副業務總經理兼首席網路安全與私隱保護官

It is my great honour to serve as the Chairperson of the Organising Committee for this highly acclaimed industry award. The award aims to promote innovation in the information and communications technology (ICT) sector and to recognise outstanding solutions for their significant contributions to society. The "Hong Kong ICT Awards: Smart Business Award" has been presented for 20 consecutive years, receiving staunch support from the Government, industry associations, professional bodies and the academia. We have received many high-quality entries this year, and it is particularly gratifying to see how the Award has continued to grow and flourish over the years.

The "Smart Business Award" category of the "Hong Kong ICT Awards" aims to encourage innovation within Hong Kong's ICT sector and recognise outstanding talent across three areas, including "Solution for Business and Public Sector Enterprise"; "Solution for SME" and the "Emerging Technologies". All award-winning solutions are selected based on the viability of their IT solutions in meeting evolving business and social needs.

I would like to express my sincere gratitude to the organiser, the Digital Policy Office (DPO) of the Government of the Hong Kong Special Administrative Region of the People's Republic of China, for their on-going support, and all the members of the Organising Committee, the judging panel, the supporting organisations, and the Hong Kong Computer Society Secretariat for their continued support. Throughout the event, you have devoted valuable time and provided professional insights. Your assistance and support have been indispensable to the success of the "Hong Kong ICT Awards 2026: Smart Business Award".

Last but not least, I would like to extend my sincere appreciation again to the participants and winners this year for their enthusiasm and passion behind their great ICT inventions and applications. Your passion and dedication will help Hong Kong maintain and further strengthen its position as an International Innovation and Technology Centre, both now and in the years to come.

本人非常榮幸，能夠在這個廣受好評的行業盛事中，擔任籌備委員會主席。此獎項旨在推動資訊及通訊科技行業的創新發展，並表揚那些為社會帶來卓越貢獻的優秀作品。「香港資訊及通訊科技獎：商業方案獎」已連續舉辦二十年，一直獲得政府、業界組織、專業團體及學術界的鼎力支持。今年我們收到大量高質素的參賽作品，深感欣慰，亦樂見「香港資訊及通訊科技獎」多年來持續發展壯大。

「香港資訊及通訊科技獎」中的「商業方案獎」類別，旨在鼓勵本地資訊及通訊科技業界追求創新，表揚來自三個不同範疇的傑出人才，包括「商業及公營機構」、「中小企業」及「新興技術」。所有獲獎作品均以解決方案的可行性為評選標準，以回應不斷變化的商業與社會需求。

本人衷心感謝主辦單位——中華人民共和國香港特別行政區政府數字政策辦公室一直以來的支持；同時亦感謝籌備委員會、評審委員會、各支持機構以及香港電腦學會秘書處的全體成員，在整個活動過程中貢獻寶貴時間與專業意見。各位的鼎力協助與支持，對本年度「香港資訊及通訊科技獎2026：商業方案獎」的成功舉辦，實屬功不可沒。

當然，我亦要再次感謝所有優秀得獎作品背後的參與者與開發者。你們的熱誠與投入，正是讓香港在現今及未來，能夠持續鞏固其國際創新科技中心地位的關鍵所在。

Smart Business Grand Award
and Smart Business (Solution for Business and Public Sector Enterprise) Gold Award
商業方案大獎
及 商業方案（商業及公營機構）金獎

Electrical and Mechanical Services Department / Architectural Services Department / Housing Department / Hong Kong Center for Construction Robotics Limited / Hong Kong Housing Society
機電工程署 / 建築署 / 房屋署 / 香港智能建造研發中心 / 香港房屋協會

(www.emsd.gov.hk)
(www.archsd.gov.hk)
(www.housingauthority.gov.hk)
(www.hkcrc.hk)
(www.hkhs.com)

AI-enabled Smart Water Tank Cleaning Robot

Co-developed by the Architectural Services Department, Electrical and Mechanical Services Department, Housing Department, Hong Kong Center for Construction Robotics Limited, and Hong Kong Housing Society, the AI-enabled Smart Water Tank Cleaning Robot minimises personnel entry into high-risk confined spaces, enhancing cost-efficiency and Occupational Safety and Health (OSH) standards, and effectively driving the transformation and upgrading of the traditional maintenance industry. This innovative robot was awarded a Gold Medal at the 51st International Exhibition of Inventions Geneva.

Operating submerged, the robot utilises rotary brushes to scrub tank walls and waterlines. After drainage, it performs automated high-pressure jetting and disinfection. The robot is integrated with autonomous navigation, path planning, underwater wireless communication, and real-time video monitoring, and employs AI algorithms for automated stain detection. This enables staff to inspect cleaning results in real-time via a tablet interface. Furthermore, post-operational workflows feature automated image capture and digital record archiving, facilitating maintenance record-keeping and offering a safer and smarter solution for water tank cleaning.

人工智慧清潔水箱機器人

人工智慧清潔水箱機器人是由建築署、機電工程署、房屋署、香港智能建造研發中心及香港房屋協會聯合促成的項目。機器人讓工人避免進入密閉空間清潔水箱，大幅提升成本效益與職業健康安全，有效推動傳統維護產業升級轉型。此項目於第五十一屆日內瓦國際發明展榮獲金獎。

機器人採用兩棲設計，可在水下以滾刷清潔牆面與水綫，或於排水後進行全方位高壓沖洗及消毒。其配備自主導航、路徑規劃、水下無線通訊及即時視訊監控功能，並結合人工智能辨別污漬，使工作人員能即時透過平板電腦檢視清潔效果。另外，機器人具備自動攝影歸檔功能，方便建立保養紀錄，為水箱清潔工作提供更安全智慧的方案。





Comments from Judging Panel
評審委員會評語

The proposal presents a unique and practical solution for cleaning enclosed water-tank areas, helping reduce risks associated with hazardous environments while improving worker safety. The approach is both pragmatic and thorough, enabling safer and more complete cleaning operations and enhancing overall occupational safety and health (OSH) and work efficiency. It also demonstrates strong alignment with ESG considerations, including potential cost savings, and while the solution is technology-enabled, the level of AI focus is not the main distinguishing feature. Overall, the feedback highlights that the solution effectively leverages technology to improve productivity and safety, making it a strong and well-applied innovation for the public sector context.

這項提案提出了一個獨特且實用的方案，用於清潔密閉式蓄水槽（水箱）區域，協助降低危險環境所帶來的風險，同時提升作業人員的安全性。該做法兼具務實與周全，能讓清潔作業更安全、也更完整，進而強化整體職業安全與健康（OSH）以及工作效率。此外，亦展現出與 ESG（環境、社會與治理）面向的高度契合，例如潛在的成本節省。儘管此方案屬於技術導入型，但 AI 的投入程度並不是其主要差異化特點。整體而言，回饋指出該方案能有效運用科技來提升生產力與安全性，因而在公共部門情境下是一項強而且落地良好的創新。

Smart Business (Solution for Business and Public Sector Enterprise) Silver Award
商業方案（商業及公營機構）銀獎

Hong Kong Housing Authority / The Hong Kong University of Science and Technology
香港房屋委員會 / 香港科技大學

(www.housingauthority.gov.hk)
(www.hkust.edu.hk)

香港房屋委員會 Hong Kong Housing Authority
THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

HA-iGEN: Housing Authority Intelligent Design Generator

The Housing Authority Intelligent Design Generator (HA-iGEN) is an intelligent generative planning and design platform developed through collaboration between the Hong Kong Housing Authority and the Hong Kong University of Science and Technology. Leveraging smart technology, HA-iGEN significantly enhances the efficiency of architectural planning and design by reducing the time required for preliminary design development from several months to just a few days. The platform automatically generates feasible planning and design options, while providing environmental analyses and performance evaluations to support faster and more informed decision-making. With these generated designs as a foundation, architects are able to devote more time and resources to design refinement and optimisation.

HA-iGEN is primarily applied at the preliminary planning and design stages of development projects. Traditionally, architects rely on their professional knowledge and experience to formulate planning and design proposals. However, constraints on time and manpower, coupled with the need to repeatedly test the feasibility of different options, often limited the number of schemes that could be explored. Now, with HA-iGEN, architects only need to input key development parameters, such as site area, number of building blocks, and height restrictions. The system then automatically generates a wide range of design options based on site conditions and development constraints. These options not only comply with key statutory requirements governing building layouts but also address environmental considerations such as daylight access and natural ventilation. This enables project teams to efficiently evaluate and compare multiple alternatives. In addition, HA-iGEN can simultaneously assess a range of key environmental performance indicators, including daylight access, ventilation performance, and noise impact, providing scientific and objective data to support planning and design decisions.

HA-iGEN has already been progressively adopted in public housing projects. Looking ahead, the platform will continue to be enhanced and its applications further expanded to support a broad range of development projects, including public housing developments within the Northern Metropolis.

Comments from Judging Panel
評審委員會評語

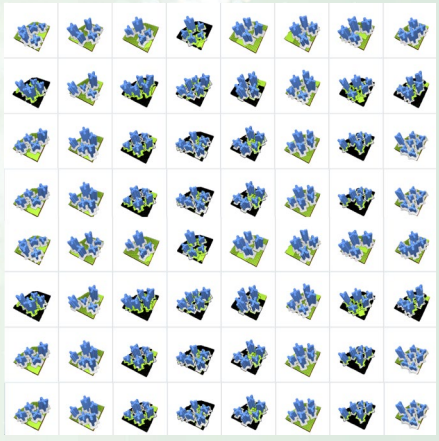
HA-iGEN is presented as a revolutionary and impactful housing design tool that supports architects in formulating and iterating initial plans, with strong potential to reduce overall project time. By leveraging multiple AI agents, the system can optimise master layout options, reduce manual effort, and significantly improve design efficiency. Its generic and practical design-generation capability helps speed up and simplify the planning process, making it especially valuable for shortening housing development timelines. The thoughtful integration of multiple AI models supports not only the design stage but also linkage with future BIM workflows. While the software is regarded as a strong solution, it may be particularly well suited to the Housing Authority context rather than being broadly applicable to the general market.

智生城: 房委會智慧生成設計工具

「智生城」(HA-iGEN) 是香港房屋委員會和香港科技大學合作開發的智能生成式建築規劃及設計平台。憑藉先進運算技術，「智生城」大幅提升建築規劃及設計效率，將昔日需時數月的前期設計工作，濃縮至數天內完成。該平台可自動生成切實可行的規劃設計方案，並提供環境數據分析及評估結果，協助團隊更迅速、更精準地作出決策。於方案生成的基礎上，建築師可將更多資源投放於設計優化及方案完善工作。

「智生城」主要應用於項目前期規劃及設計階段。過往建築師在前期規劃時，多倚賴專業知識及經驗制定規劃及設計方案。然而，受時間及人力資源所限，加上團隊需要反覆驗證方案的可行性，往往只能研究有限數量的方案。現在，透過「智生城」，建築師只需輸入地盤面積、樓宇座數、高度限制等發展參數，系統便可因應地盤條件及相關限制，自動生成大量既符合建築物條例對樓宇布局主要要求、又切合日照、通風等環境目標的方案，以供項目團隊篩選及比較。此外，「智生城」能同步評估多項重要環境表現指標，包括日照、通風及噪音影響，為規劃及設計決策提供科學化及客觀化的分析依據。

目前，「智生城」已陸續於公營房屋項目中投入應用。展望未來，該平台將持續優化功能，並擴展應用範圍，以推展至更多發展項目，包括北部都會區的公營房屋發展。



HA-iGEN 被定位為一款具有革命性、且能產生實質影響的居住設計工具，能協助建築師擬定並反覆迭代初步方案，並展現出相當高的潛力，可縮短整體專案時程。透過多個 AI 代理 (agents) 的運作，系統能夠優化總體配置 (master layout) 選項，降低人工操作負擔，並大幅提升設計效率。其通用且實用的設計生成能力，有助於加快並簡化規劃流程，因此特別適合用於縮短住宅開發的時程。此外，多個 AI 模型的整合也被認為設計周到：不僅能支援設計階段，也能銜接未來的 BIM 工作流程。整體而言，該軟體被視為一個強而有力的解決方案；但同時也指出，它可能更適合在房屋管理相關的特定情境 (如 Housing Authority) 中發揮，而未必能在整體一般市場中普遍適用。

Smart Business (Solution for Business and Public Sector Enterprise) Bronze Award
商業方案（商業及公營機構）銅獎

Henderson Land Development Co. Ltd.
恒基兆業地產有限公司 (www.hld.com)

AI Procurement and Contracting Accelerator System

AiPCAS is an AI platform developed in-house by Henderson Land's Project Management (2) and Information Technology Departments to make tendering for complex property and construction projects faster, more consistent, more defensible, while demonstrating fairness to the industry.

A major works contract draws multiple tenderers and passes through several evaluation stages. The work is labour-intensive, and tender interviews have traditionally depended on who asked the questions and what was written down.

AiPCAS runs the tender interview as a live, spoken conversation with an AI interviewer. It analyses each tenderer's submission, covering experience, manpower, financial standing, methodology, safety and technical qualifications, and generates tailored questions and adaptive follow-ups. Every tenderer is scored against the same criteria, set by the project team before the tender round begins.

Each interview produces a verified record. A multimodal AI model and an independent speech-recognition engine transcribe the conversation separately, and the two transcripts are cross-checked before becoming the official record. Project staff can observe any interview live. AiPCAS produces the record and the score; the tender committee makes the award.

Commercially sensitive information is encrypted and restricted on a need-to-know basis, and raw audio is deleted after grading, aligned with Hong Kong's PDPO.

Now in use on Henderson Land's developments across multiple construction disciplines, AiPCAS significantly shortens the tender evaluation cycle and frees project teams from manual transcription and note-taking to focus on professional judgement for value enhancement to the projects concerned. Besides, technical knowledge and experience could be built over time for the AI interviewer on the same construction discipline, cultivating the intended "HLD DNA" through the repeated exercises.

Configured rather than re-engineered for each tender, and available in English, Traditional Chinese and Simplified Chinese, AiPCAS can extend to government, healthcare, IT and other sectors where procurement must be fair and auditable.

Comments from Judging Panel
評審委員會評語

The solution is recognised for taking a creative and innovative approach to applying AI in tender review and analysis. The AI interview tool helps reduce human bias, improves the quality of interview outputs, and increases overall efficiency while enhancing satisfaction. The solution is also viewed as a purpose-built system that pioneers AI adoption in private-sector procurement and tendering, shortening the tender evaluation process. Overall, the initiative represents a natural progression toward automating and digitising tendering workflows to save time and cost while strengthening fairness in the evaluation process.

AI 採購及招標加速管理系統

AiPCAS 是恒基兆業地產策劃(二)部與資訊科技部自主研發的 AI 平台，令複雜建築項目招標更快、更一致、更經得起審視，並向業界彰顯公平。

大型工程招標涉及多名投標者及多輪評審，費時費力；面試向來視乎由誰發問、記錄甚麼。

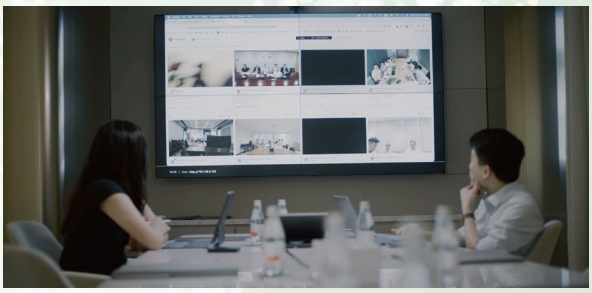
AI 面試官與投標者即時語音對話，按標書的經驗、人手、財務、施工方法、安全及技術資歷度身擬題並追問；投標者均按項目團隊預設的同一準則評分。

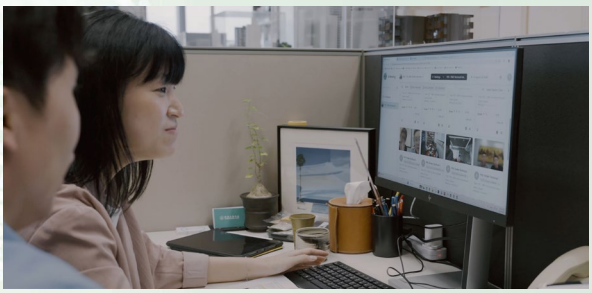
每場面試由多模態 AI 模型及獨立語音識別引擎分別轉錄，核對後成正式紀錄，項目人員可即時旁聽。系統只提供紀錄與評分，決標由招標委員會作出。

敏感資料加密並按需存取，錄音於評分後刪除，與《個人資料（私隱）條例》原則一致。

系統已用於集團多個項目及建築工種，大幅縮短評審周期，讓團隊免於人手筆錄，以專業判斷為項目增值；此外，AI 面試官亦可在同一建築領域累積技術知識和經驗，透過反覆實踐培養其所需的「恒基 DNA」。

系統毋須逐次重新開發，設中英文介面，可推展至政府、醫療、資訊科技等採購須公平及可稽核的界別。





該方案採取富有創意且具創新性的方式，將 AI 應用於招標審查與分析而受到肯定。AI 面談工具有助於降低人工偏見、提升面談輸出品質，並在提升整體效率的同時，也提高了使用者的滿意度。此外，該方案也被視為一套為特定目的而打造的系統，率先推動 AI 在私營部門的採購與招標流程中的應用，並能縮短招標評估的時間。整體而言，這項倡議被認為是朝向自動化與數位化招標工作流程的自然延伸：以節省時間與成本，同時強化評估過程的公平性。

Smart Business (Solution for Business and Public Sector Enterprise) Certificate of Merit
商業方案（商業及公營機構）優異證書

CLP Power Hong Kong Limited
中華電力有限公司

(www.clp.com.hk)

Distribution Network Operations Optimisation (DNOO) – Integrated Digital Grid Platform

CLP Power provides a highly reliable electricity supply to more than 80% of Hong Kong's population at world-class supply reliability rate of over 99.999%.

CLP Power continues to leverage innovative technologies to further enhance grid efficiency and resilience. Distribution Network Operations Optimisation (DNOO) is one of the company's key digital transformation initiatives. By integrating the Geographic Information System (GIS), Advanced Distribution Management System (ADMS) and existing digital platforms, DNOO establishes a unified digital platform for network management.

DNOO integrates more than 20 Information Technology (IT) and Operational Technology (OT) systems, bring together asset, equipment, geographic and operational data that were previously managed across different platforms. This enables planning, engineering, system control centre and field teams to access latest network information through a single platform, covering substations, high- and low-voltage distribution assets, and customer meters.

Supported by mobile applications, field personnel can access network information, receive work assignments and update network records in real time. During maintenance works, network operations or emergency situations, teams can make faster and more informed decisions, improving cross-functional collaboration and operational efficiency.

Beyond enhancing day-to-day operations, DNOO enables CLP Power to better support emerging applications such as distributed renewable energy integration, electric vehicle development, digital twins, drone applications and AI-enabled solutions, supporting the continued evolution of a smarter, more resilient and sustainable electricity grid.

配電網運行升級項目 (DNOO)

中華電力為超過八成香港人口提供穩定可靠的電力供應，可靠度逾99.999%達世界級水平。

中華電力持續引入創新科技，提升電網的營運效率及韌性。配電網運行升級（DNOO）正是其中一項重要的數碼轉型項目，透過整合地理資訊系統（GIS）、先進配電管理系統（ADMS）及多個現有數碼平台，建立統一的智能營運平台。

DNOO整合20多個資訊科技（IT）及運營科技（OT）系統，將原本分散於不同平台的資產、設備、地理及營運數據集中管理，讓規劃、工程、控制中心及前線團隊透過同一平台掌握變電站、高低壓配電設備以至客戶電錶的運行資訊。

配合流動應用，前線人員可即時查閱資料、接收工作及更新電網資訊。當進行設備維修、操作設備或處理突發事件時，團隊亦可更快速作出準確的決策，提升跨部門協作及營運效率。

除了提升日常營運效能，DNOO有助中華電力更有效支援分散式可再生能源接入、電動車發展、數碼孿生、無人機應用及人工智能等創新應用，配合更智能、更具韌性及更可持續的智能電網發展。





該平台將「單一真實來源」（single source of truth）的網絡模型與公用事業規模的數位孿生（digital twin）整合在一起，用以提升處理高壓（HV）與低壓（LV）配電營運的整體效率與準確性。同時，該平台也能精簡並進一步數位化關鍵的公用事業功能，從而提升營運效率與服務品質。

Comments from Judging Panel
評審委員會評語

CLP Power's Distribution Network Operations Optimisation (DNOO) platform integrates a single source of truth network model with a utility-scale digital twin, improving overall efficiency and accuracy for managing both HV and LV distribution operations. It also streamlines and further digitises critical utility functions, enhancing operational efficiency and service quality.

Smart Business (Emerging Technologies) Gold Award and "Best Use of AI" Award
商業方案（新興技術）金獎及「最佳人工智能應用」獎

Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)
香港應用科技研究院有限公司

(www.astri.org)

Extended Depth of Focus and 3D Modeling for Next Generation Digital Microscope

Traditional microscopy is often constrained by a shallow depth of field at high magnification, labour-intensive inspection workflows, and limited 3D analysis capabilities. To overcome these challenges, ASTRI developed an AI-powered Extended Depth of Field (EDOF) and 3D Reconstruction solution for next-generation digital microscopes. Designed as an open AI computational imaging engine, the solution integrates seamlessly with diverse microscope platforms to deliver all-in-focus imaging and accurate 3D surface reconstruction. This enables mid-range microscope systems to achieve high-end performance at a lower cost. The technology is protected by patent applications filed in the United States and China.

Key Solution Features

All-in-Focus Imaging & 3D Reconstruction:
Generates high-definition, fully focused images and quantitative 3D models from a single scan, enabling both detailed visualisation and precision metrology.

AI-Powered Image Enhancement & Registration:
Leverages advanced AI algorithms for accurate image alignment and detail enhancement, improving image quality while reducing reliance on expensive optical hardware.

Dual-Mode Operation:
Supports both high-precision offline analysis and ultra-fast real-time inspection, meeting the needs of research laboratories as well as high-throughput manufacturing environments.

Superior Adaptability to Challenging Specimens:
Delivers reliable performance with low-angle image stacking and excels on reflective, glare, and low-texture surfaces that are traditionally difficult to inspect and reconstruct.

Technical Breakthroughs and applications
Combining multi-scale image fusion, uncertainty-aware depth estimation, and AI-powered detail enhancement, the solution delivers robust all-in-focus imaging and high-fidelity 3D reconstruction, even for highly challenging specimens, making it widely applicable for high-precision observation and measurement across biological, industrial, and material samples.

Comments from Judging Panel
評審委員會評語

The solution offers a cost-effective way to enhance image depth using existing hardware, achieving the enhancement with low latency. They highlighted the potential practical impact in medical settings—especially surgery—where the improved depth and imaging could be highly beneficial. They also praised the efficiency of the approach, emphasising that it can deliver capabilities comparable to high-end products while running on mid-range systems with relatively low AI computing requirements, resulting in strong value for money.

用於新一代數位顯微鏡的景深擴展與三維重建

針對傳統顯微鏡在高倍率觀測時景深淺、檢測效率低及缺乏三維分析能力等痛點， 香港應用科技研究院有限公司推出了「新一代數位顯微鏡的景深擴展與三維重建」解決方案。該方案設計了開放式AI計算成像引擎，可靈活整合於不同顯微鏡平台，助力中階設備以更低成本實現高端性能，相關技術已申請中國和美國專利。

核心功能

全景深成像與三維重建：單次掃描產生高清全對焦影像及可量化三維模型，兼顧可視化與精密測量；

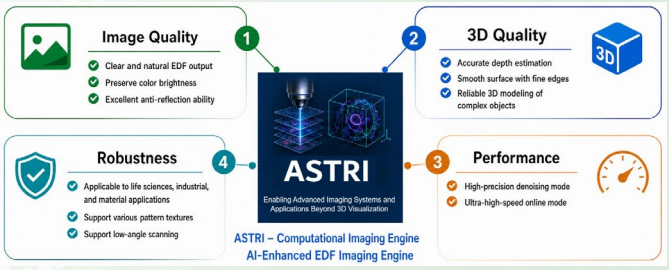
AI影像增強與配準：實現精確影像對齊與細節增強，提升影像品質並降低硬體依賴；

雙模式運作：支援高精度離線分析和高速線上偵測，滿足科學研究與製造場景需求；

複雜樣本適應力：支援低角度堆疊，在反光、眩光及低紋理等樣本上表現優異。

技術突破及應用

基於多尺度影像融合、不確定性感知深度估計及AI細節增強等演算法，實現高保真全景深成像與三維重建，有效克服複雜樣本的成像挑戰，可廣泛適用於生物、工業與材料類樣本的高精度觀察與測量。



該方案提供了一種具成本效益的方式，能夠利用現有硬體來強化影像深度，並以低延遲完成增強。他們指出，在醫療場景尤其是手術中，改善後的深度與影像效果可能會帶來很高的實際價值。同時，他們也讚揚這種方法的高效率，強調它能在中階系統上、以相對較低的 AI 運算需求，提供可與高階產品相當的能力，因此具備很強的性價比。

Smart Business (Emerging Technologies) Silver Award
商業方案（新興技術）銀獎

CenturySoft International Ltd. / Plus One Social Enterprise Ltd.
匯創紀(香港)有限公司 / 怡承服裝電商社會企業有限公司

(www.csoft.world)

CSoft AI Enterprise Intelligence Platform

With 20 years of experience in game development, large-scale data processing and cybersecurity, CSoft AI helps manufacturing, logistics and supply-chain enterprises build their own intelligent business brains.

Following a three-stage transformation journey—Digitisation, Synchronisation and Intelligence—the solution provides 12 modular AI services that connect enterprise documents, emails, ERP platforms and existing systems. Applications include order processing, production scheduling, quality analysis, inventory management, sales forecasting, smart replenishment and decision support.

Enterprises can begin with a single module and expand progressively without replacing their existing systems or establishing a large in-house technical team. Built around a human-centric approach, CSoft AI adapts to established workflows, reduces repetitive tasks and human error, and captures valuable industry knowledge for future generations.

The intelligent brain is also extended to social services through Plus One Social Enterprise. Surplus fabric is transformed into meaningful products, while people with special educational needs (SEN) use AI tools to turn their ideas into designs and participate in production, sales and vocational training. By combining technology, sustainability and social inclusion, CSoft AI demonstrates how innovation can preserve tradition while empowering enterprises, people and the wider community.

Comments from Judging Panel
評審委員會評語

CSoft AI Enterprise Intelligence Platform for its strong user adoption and its unique approach to proactively monitoring web feedback, then consolidating insights into product planning and review. They viewed it as a successful example of how AI can transform traditional business processes into more effective and efficient operations, including automating and digitising enterprise workflows. At the same time, the product may not yet be sufficiently tailored to specific problems, and that practical integration into real-world commercial environments—particularly with existing AHUs—needs further consideration, suggesting opportunities for refinement while maintaining its value as a solid general AI operations framework.

CSoft AI 大型企業智能方案平臺

CSoft AI憑藉二十年遊戲研發、海量數據處理及網絡安全經驗，為製造、物流及供應鏈企業建立「智能大腦」。方案以「數據化、同步化、智能化」為發展路徑，透過十二個AI模組連接企業文件、電郵、ERP及現有系統，支援訂單處理、生產排程、品質分析、庫存管理、銷售預測、智能補貨及決策分析。企業毋須一次過更換原有系統，可由單一模組開始，按需要逐步擴展。

CSoft AI以人為本，讓AI配合員工的工作方式，減少重複工序及人為錯誤，並保存和傳承行業經驗。方案亦延伸至Plus One社企，將工廠餘布轉化為產品，讓SEN人士運用AI把創意化成設計，參與製作、銷售及職業培訓，實踐「以創新延續傳統」，讓智能大腦同時賦能企業、人才與社會。







CSoft 平台因其強大的使用者採用率，以及其獨特的做法主動監測網路回饋，並將洞察彙整以用於產品規劃與審視而受到認可。這是一個成功案例，展示 AI 如何將傳統商業流程轉變為更有效率的運作方式，包括自動化與數位化企業的工作流程。同時，產品目前可能尚未針對特定問題做得足夠客製。特別是在實際商業環境中（尤其是與既有 AHU 之間的整合），仍需要進一步評估與考量。這也意味著未來仍有精進空間，但同時必須保留其作為紮實的通用 AI 作業框架所具備的價值。

Smart Business (Emerging Technologies) Silver Award
商業方案（新興技術）銀獎

GABES Limited
嘉碧芯有限公司

(www.gabes.com.hk)

GABES Predictive IoT Fire Detection System

AlphaNexus is GABES Limited's three-in-one AIoT smart fire safety management system that enhances (not replaces) existing fire systems. It helps buildings become safer and easier to manage by adding real-time visibility, smarter evacuation guidance, and earlier alerts.

AlphaNexus combines:

- AlphaSense — AIoT smoke, heat, carbon monoxide 3 in 1 detectors that use edge AI to distinguish real fire conditions and reduce about 98 % nuisance alarms

- AlphaLights — dynamic exit signs that update directions in real time to guide occupants away from danger and toward safe routes

- AlphaView — a web and mobile platform that immediately notifies property and facility teams, shows the exact location/zone, and keeps incident logs for follow-up and review

Built on patented hardware, edge AI, and IoT connectivity, AlphaNexus has been validated through full-scale fire drills under real smoke and heat conditions. The technology is supported by academic research, including studies published by the NFPA, and by Hong Kong innovation programmes.

AlphaNexus is also scalable: customers can start with one site or a pilot floor, then expand across multiple buildings and add modules as needs grow. Designed for residential, commercial, and institutional properties, AlphaNexus helps owners, developers, and property managers raise fire safety standards and future-proof building operations.

GABES 預判型物聯網火警偵測系統

AlphaNexus 是嘉碧芯有限公司 (GABES Limited) 推出的三合一 AIoT 智能消防管理系統，以「加強現有消防系統，而非取代」為理念，為樓宇帶來更即時的監測、更清晰的管理，以及更安全的疏散引導。

AlphaNexus 由三個核心部分組成：

AlphaSense 無線煙熱一氧化碳三合一偵測器：以邊緣 AI 即時分析訊號，準確判斷火警，減少約98%誤鳴。

AlphaLights 動態出口指示牌：按實時火情與風險分佈自動更新指示，引導人員避開危險，沿安全路線疏散。

AlphaView 管理平台 (網頁/ 手機)：即時通知物管與設施人員，清楚顯示事故位置、分區狀態與設備資料，並保留事件紀錄與處理流程，方便追蹤與檢討。

系統建基於專利硬件、邊緣 AI 及物聯網連接，並已在真實煙熱環境下的全尺度消防演習中完成驗證。無線部署方式安裝簡便，樓宇運作期間亦可施工。

AlphaNexus 具備良好可擴展性：可由單一場地或小型試點起步，逐步擴展至多樓宇/ 多地點，並按需要加入功能模組。適用於住宅、商業及機構物業，協助業主與物管提升消防安全水平，打造面向未來的智慧建築。



Comments from Judging Panel
評審委員會評語

GABES for developing its own tailored hardware and software to address specific industry pain points, particularly during building renovations. They emphasised the value of the system's early fire detection mechanism, noting that timely alerts can help save lives before a disaster fully escalates. Overall, the solution was highly important for managing life-threatening scenarios and it was well thought out.

GABES 針對特定產業痛點 (特別是在翻修施工過程中)，開發自有客製化的硬體與軟體來加以解決。強調系統早期火災偵測機制的價值，指出及時警報能在災害全面惡化之前挽救生命。整體而言，這套方案對於處理具致命風險的情況非常重要，並覺得設計周全。

Smart Business (Emerging Technologies) Certificate of Merit
商業方案（新興技術）優異證書

Electrical and Mechanical Services Department
機電工程署

(www.emsd.gov.hk)

ecoAIr®: AI-powered Automatic Control Strategy for Air-side Equipment

Air-conditioning systems account for approximately 30% of building electricity consumption, making their efficiency vital to achieving the city's carbon-neutrality vision set out in the Hong Kong Climate Action Plan 2050.

Traditional indoor temperature control often relies on static system settings, presenting certain challenges in optimising indoor thermal comfort and the energy consumption of air-handling units (AHUs). Unlike conventional air-conditioning and ventilation systems, ecoAIr® is an AI-driven solution that delivers automatic and demand-based control while optimising the performance of existing AHUs. Developed in-house and patented by Electrical and Mechanical Services Department (EMSD), this groundbreaking invention has been successfully implemented in a local dental clinic building.

By integrating data from IoT sensors with advanced AI techniques, including Artificial Neural Networks, Random Forest, and Particle Swarm Optimisation algorithm, it seamlessly predicts dynamic changes in outdoor and indoor conditions, and analyses actual cooling demand. This enables enhanced indoor thermal comfort while achieving at least a 10% reduction in electricity consumption.

ecoAIr® not only provides modern ventilation management, but also drives the development of sustainable and intelligent buildings, accelerating the transition to carbon neutrality.

Comments from Judging Panel
評審委員會評語

Building energy wastage has been rising, ecoAIr® for providing an AI-powered automatic control strategy that can deliver energy savings and help reduce waste. They also highlighted its environmental benefits, supporting Hong Kong's ESG initiatives, and saw it as a strong, long-standing problem solution that smartly applies AI within traditional building systems. While the overall concept was well regarded, it is suggested that further work be done to ensure effective deployment in commercial settings with existing AHUs, and to consider applicability to other equipment types and any potential impact on equipment warranties.

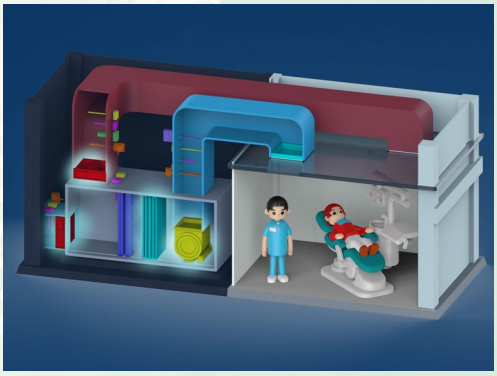
ecoAIr®:人工智能驅動的空氣處理機組自動控制技術

空調系統約佔建築物用電量的30%，因此提升其能源效率，對實現《香港氣候行動藍圖2050》所訂立的碳中和願景至關重要。

傳統室內溫度控制往往依靠既有的系統設定，在優化室內熱舒適度與空調處理機組的能源使用上存在一定的挑戰。有別於傳統空調及通風系統，ecoAIr®是一項由人工智能驅動的方案，可提供以自動化及需求為導向的控制，並同時優化現有空調處理機組的效能。此突破性發明由機電工程署自行研發並取得專利，已成功應用於本地牙科診所大樓。

透過結合物聯網傳感器的數據與先進人工智能技術，包括人工神經網絡、隨機森林及粒子群優化算法，此發明能夠準確預測室外與室內環境的動態變化，並分析實時冷負荷需求，從而 在提升室內熱舒適度的同時，節省至少10%的用電量。

ecoAIr®不僅提供現代化的通風管理，更協助推動可持續及智慧樓宇的發展，為實現碳中和的目標作出重要的貢獻。



建築能源浪費持續上升。ecoAIr® 提供一套由 AI 驅動的自動控制策略，可帶來節能效果並協助減少浪費。他們同時也強調其環境效益，支持香港的 ESG 相關倡議，並認為這是一個紮實、長期性的問題解決方案：能在傳統建築系統中智慧地應用 AI。雖然整體概念受到高度認同，但仍建議進一步工作，以確保在商業場域、且搭配既有 AHU 的情況下能有效部署；同時也需要評估其對其他設備類型的適用性，並考量可能對設備保固所帶來的影響。

Smart Business (Solution for SME) Silver Award
商業方案（中小企業）銀獎

Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI) / Hong Kong Telecommunications (HKT) Limited
香港應用科技研究院有限公司 / 香港電訊有限公司

(www.astri.org)
(www.hkt-enterprise.com)

AI Firewall: AI-Powered Protection for SMEs

The AI Firewall with Wi-Fi Router is a 2-in-1 cybersecurity solution designed specifically for Hong Kong SMEs, delivering enterprise-grade cybersecurity protection. It addresses the critical "talent gap" by leveraging AI to automate complex security tasks, thereby making the digital economy safer for SMEs. By bridging the gap between high-end research and mass-market commercialisation, AI Firewall demonstrates a perfect ecosystem of Government, Industry, and Research collaboration.

AI防火牆：AI賦能中小企的安全防護

AI防火牆連Wi Fi 路由器二合一方案專為香港中小企而設，提供企業級安全防護。AI防火牆利用人工智慧技術自動化複雜的安全任務，有效解決了關鍵的「人才缺口」問題，使數位經濟更加安全，並惠及中小企。AI防火牆結合了高端研究與大眾市場商業化之間的鴻溝，展現了政府、產業和研究機構合作的完美生態系統。







Comments from Judging Panel
評審委員會評語

The solution could strongly benefit many SMEs by improving network security without requiring costly, conventional hardware firewalls. It is seen as a pioneering, practical approach that is easy to adopt and can be implemented on an edge device, making deployment and ongoing maintenance lightweight and simpler for SMEs. The collaboration is also recognised as a key strength, providing additional security through support of existing routers rather than requiring SMEs to purchase and operate their own. In addition, tailoring the solution to SMBs' specific needs and knowledge gaps enhances market potential, especially as support expands to more router models.

此方案可大幅幫助許多中小企業（SMEs），在不需要昂貴、傳統的硬體防火牆的情況下，提升網路安全性。它被視為一種具先導性且實用的做法，易於採用，並可部署在邊緣裝置（edge device）上，讓中小企業的推行與後續維護負擔更輕、更簡化。此外，合作模式也被認為是重要優勢：透過支援既有路由器所提供的額外安全性，而非要求中小企業額外購買並自行操作自己的設備。同時，將方案依中小企業的特定需求與知識落差進行調整，能提升其市場潛力，尤其是在支援的路由器型號持續擴充之後。

Smart Business (Solution for SME) Bronze Award
商業方案（中小企業）銅獎

FANSX LIMITED

(www.fansx.io)

FansX — AI-Powered WhatsApp Membership Rewards & Growth Engine

FansX is an AI-powered, app-free customer acquisition and loyalty rewards engine designed to eliminate the friction of traditional membership programmes. By replacing expensive, high-barrier mobile apps with everyday channels like WhatsApp and Instagram, FansX enables merchants to convert shoppers into active, loyal members in just one second via QR codes.

Key Features:
- 1-Second WhatsApp Loyalty Card: Customers instantly register, claim welcome offers, and check point balances via WhatsApp—no app downloads or tedious forms required.
- AI Receipt-Scanning Loyalty: Shoppers simply snap and send their paper receipts via WhatsApp. Built-in AI automatically reads transaction details and credits points immediately, automating repeat visits.
- Instagram Follower Acquisition & Smart Coupons: Customers scan a QR code to follow the brand's Instagram and automatically receive digital vouchers. A built-in anti-fraud mechanism restricts claims to one per user, preventing abuse while rapidly scaling authentic followers.
- Official WhatsApp Broadcasting: Re-engage existing customers with high-converting, personalised promotional campaigns and event announcements at flexible, cost-effective rates.

Developed by an award-winning HKSTP incubation graduate team with 20 years of MarTech expertise, FansX has empowered leading brands (including Honeymoon Dessert and major trade expos, where an exhibitor acquired 1,600 members in 3 days) across F&B, retail, beauty, and service sectors. With plans starting as low as HK$166/month, FansX turns everyday foot traffic into lasting revenue.

FansX — AI 驅動 WhatsApp 會員獎賞及增長引擎

FansX 是一套專為零售、餐飲及服務業打造的「AI 驅動 WhatsApp 會員獎賞及增長引擎」。方案徹底解決傳統會員 App 開發成本高昂、顧客抗拒下載及填表繁瑣的痛點，透過日常生活普及率極高的 WhatsApp 及 Instagram，以 QR Code「1 秒」將顧客轉化為高黏性會員。

核心功能：
- 1 秒 WhatsApp 電子會員卡：免下載 App、免填表！顧客掃碼即可透過 WhatsApp 登記會員、領取迎新禮遇與即時查閱積分
- AI 智能讀單儲分：顧客消費後將紙本單據拍照發送至商戶 WhatsApp，AI 自動辨識單據內容並即時計算儲分，全自動化推動回頭消費
- IG 掃碼增粉換券：顧客掃碼「1 秒追蹤 IG」即自動獲贈電子優惠券，系統嚴格設定「限領一次」防刷機制，助商戶極速累積真實粉絲
- 官方 WhatsApp 廣播營銷：低成本、高開啟率精準推送優惠與活動資訊，輕鬆盤活私域流量

由香港科學園培育畢業、擁有 20 年營銷科技經驗的專業團隊研發，屢獲香港 ICT Awards 及亞洲 MOB-EX 獎項，並獲滿記甜品及大型展覽參展商廣泛採用（曾助參展商 3 天吸納 1,600 名新會員）。月費低至 HK$166 起，助商戶零阻力沉澱客戶數據，倍增回頭客收益。



Comments from Judging Panel
評審委員會評語

An all-round and affordable AI-powered marketing solution for retail SME. It can manage customer loyalty programmes and rewards on the system to convert walk-ins into verified WhatsApp contacts and automate membership points. Customers can scan a QR code to connect on WhatsApp and receive welcome coupons instantly. They can send receipts photos, and an AI reads them to add loyalty points automatically. The whole operations can run directly inside the WhatsApp API. There are also detecting measures so that fraud and coupon sharing can be prevented, so to prevent abusive acts and maintain operation fairness. With further enhancements with more value-added and user-friendly features, it should have a good market potential in the region.

對於零售型中小企業而言，這是一套較全面且價格實惠的 AI 驅動行銷解決方案。系統能夠管理顧客忠誠計畫與獎勵，透過流程將到店客人轉化為可驗證的 WhatsApp 聯絡人，並自動化會員積分累積。顧客可掃描店內 QR Code 連結 WhatsApp，並即時收到歡迎優惠券。顧客也可以上傳收據照片，系統會透過 AI 進行辨識與判讀，進而自動計算並加入忠誠積分。整體運作可在 WhatsApp API 內直接完成，提供更一致且高效率的使用體驗。此外，系統內建防詐與防止優惠券轉贈機制，以降低濫用行為並維持活動公平性。隨著後續進一步強化，加入更多高附加價值且更易用的功能，相信此方案在該地區內具有良好的市場潛力。

Smart Business (Solution for SME) Certificate of Merit
商業方案（中小企業）優異證書

Genesis One Limited

(www.genesis-one.co)

AI Manufacturing: Connecting Global Brands to Autonomous Factories

What is Genesis One?

Genesis One is an AI-driven manufacturing platform enabling premium brands to launch custom luxury apparel on demand—drastically minimising finished-goods inventory and upfront financial risks. By bridging the gap between digital design and physical production, the company solves the most critical pain points plaguing traditional fashion infrastructure: high minimum order quantity capital constraints, unmanufacturable generative AI content, and massive dead-stock overhead.

The Problem Solved

Today, social media is flooded with beautiful, AI-generated product images that look stunning online but are physically impossible to manufacture because standard AI tools lack real-world structural logic. At the same time, elite legacy factories demand 300 to 1,000 units upfront, locking independent designers completely out of production. Genesis One disrupts this paradigm through a programmable apparel infrastructure that delivers highly flexible manufacturing scales—ranging from single-unit on-demand production to agile micro-batches of 20 to 50 pieces for complex luxury silhouettes.

How the Ecosystem Works

The Producer Engine: Ingests raw material datasets directly from suppliers, instantly mapping a brand's custom garment files to physical fabric profiles.

The Creator Studio: Transforms machine-executable production files into studio-quality marketing campaigns. Because this generative media is anchored directly to actual manufacturing code, it completely solves the unmanufacturable content trap—ensuring every asset designed is 100% physically viable.

The Omnichannel Routing Engine: Deploys these digital assets directly to social shops, instantly triggering automated factory production the moment customer demand is captured.

By integrating this automated machine-routing software globally, Genesis One connects independent creators with an elite, tier-1 factory network to seamlessly scale luxury apparel production without risk.

什麼是 Genesis One？

Genesis One 是一個由人工智能驅動的製造平臺，使高端品牌能夠根據需求單件（1-by-1）推出定制奢侈服飾，從而徹底消除成品庫存並大幅降低前期財務風險。通過彌合數字設計與物理生產之間的鴻溝，該公司解決了困擾傳統時尚基礎設施的核心痛點：高起訂量（MOQ）造成的資金流卡點、無法落地的生成式 AI 內容以及巨大的庫存積壓風險。

解決的痛點

如今，社交媒體上充斥著精美的 AI 生成產品圖像，它們在線上看起來視覺效果驚豔，但在物理上卻完全無法製造，因為標準的 AI 工具缺乏現實世界中的結構邏輯。與此同時，傳統的精英工廠往往要求 300 到 1,000 件起的起訂量，徹底將獨立設計師拒之門外。Genesis One 通過可編程的服裝基礎設施打破了這一傳統範式，提供高度靈活的生產規模——涵蓋了從單件售後的按需印製，到針對複雜奢侈廓形、包含 20 至 50 件跨尺碼的敏捷微工廠柔性小批量生產。

生態系統如何運行

- 生產引擎（The Producer Engine）： 直接從供應商側導入原材料數據集，瞬間將品牌的定制服裝文件精准映射到物理面料屬性。
- 創意工作室（The Creator Studio）： 將可執行的機器生產文件轉化為影棚級別的營銷活動視頻。由於這些生成式媒體直接與實際製造代碼錨定，它徹底解決了“無法製造的內容陷阱”——確保設計的每一件單品在物理上都是 100% 可實現的。
- 全渠道路由引擎（The Omnichannel Routing Engine）： 將這些數字資產直接部署到社交媒體商店中，在捕獲消費者需求的瞬間，自動觸發智能工廠進行生產。

通過在全球範圍內整合這一自動化機器路由軟件，Genesis One 將獨立創作者與精英級的一線工廠網絡無縫連接，在完全零風險的前提下實現奢侈服裝生產的規模化擴展。



Comments from Judging Panel
評審委員會評語

Genesis One Limited's 3D and AI platform is a promising approach to addressing a complex, long-established workflow by enabling creators and designers to render sophisticated 3D designs in a relatively short time, saving both time and effort. The platform is particularly well suited to made-to-order enterprises rather than large garment manufacturers. Overall, the platform is valued as an all-in-one ecosystem that supports creators—from identifying suitable products to creating and monetising them—strengthening the creator brand economy.

平台是一種具潛力的做法，能夠藉由讓創作者與設計師在相對較短的時間內完成精緻的 3D 設計，來解決一項複雜且長期以來就存在的工作流程問題，從而同時節省時間與人力成本。該平台特別適合「客製/ 按訂製生產」的企業，而非大型成衣製造商。整體而言，平台是一個一站式的整合生態系，能夠支援創作者從找出合適的產品，到進行創作與變現進一步強化創作者品牌經濟。

Introduction of Leading Organiser
籌辦機構簡介

HONG KONG COMPUTER SOCIETY
香港電腦學會

The Hong Kong Computer Society (HKCS) is a well-established non-profit organisation that has been striving to improve and develop Hong Kong's Information and Communication Technology (ICT) industry since its founding in 1970.

HKCS is the first officially recognised professional association for the ICT industry in Hong Kong, dedicated to the promotion of the highest professional standards for the industry. Members hail from a broad spectrum of Hong Kong's ICT industry, from corporations to like-minded individuals, all coming together to raise the profile of the industry.

During its 56 years' history, HKCS members have come to form the core of a wide and influential network throughout the whole spectrum of Hong Kong services and other industries. The Society offers a chance for Hong Kong's communities to exchange ideas and to carry out a dialogue with the Government regarding ICT and its impact to the society. Being a highly active association, HKCS is regularly organising many activities to help promote ICT in Hong Kong, including conferences, seminars, forums and site visits on subjects related to ICT.

香港電腦學會成立於一九七零年，為本港資訊及通訊科技界最具規模的非牟利專業團體之一。學會成立目的為促進香港資訊及通訊科技的發展、作為普及電腦知識的媒介機構、推廣最新資訊科技和產品的認識、及提高業內的專業操守。

作為本港首個獲正式認可的資訊及通訊科技界專業團體，學會在業界具專業權威及代表性。會員共分個人及公司兩類，來自資訊及通訊科技業界的各種範疇，包括各大商業、科研及教育機構和從事資訊及通訊科技的專業人士。會員獲本港及亞洲區資訊及通訊科技行業廣泛認可。

香港電腦學會成立了56年，已建立一個涵蓋各服務行業和其他行業、富代表性及具影響力的會員網絡。一直以來，學會憑藉其專業知識及影響力，積極在社會大眾與政府之間搭建溝通的橋樑，成功促進彼此在資訊及通訊科技方面的意見交流。此外，學會亦不斷積極為業界和會員策劃及組織各類活動，包括以資訊及通訊科技為主的專題講座、研討會、公開論壇及考察活動。

Enquiry
查詢

Contact Person : Miss Carol Ho

Tel : (852) 2834 2263

Email : ictawards@hkcs.org.hk

Address : Room 1003, 10/F, Harbour Crystal Centre, 100 Granville Road, Tsim Sha Tsui East, Kowloon, Hong Kong

Website : https://www.hkcs.org.hk/sbictawards/

聯絡人： 何小姐

電話 : (852) 2834 2263

電郵 : ictawards@hkcs.org.hk

地址 : 香港九龍尖沙咀加連威老道100號港晶中心10樓1003室

網址 : https://www.hkcs.org.hk/sbictawards/

Acknowledgement
鳴謝

Organising Committee 籌備委員會

Mr Ambrose TANG
Deputy Managing Director and Chief Cyber Security and Privacy Officer, Huawei International Company Limited

鄧昭健先生
香港華為國際有限公司副業務總經理兼首席網路安全與私隱保護官

Mr Stephen LAU, JP
Secretary General (Honorary), Hong Kong Computer Society

劉嘉敏先生，JP
香港電腦學會秘書長(名譽)

Mr Horace CHU
Director & Chief Information Officer, Gammon Construction Limited

朱凱威先生
金門建築有限公司董事及首席資訊總監

Mr Benedict LAM
Principal Consultant, Celtic Consultancy

林靈欽先生
Celtic Consultancy首席顧問

Mr Jimmy TSANG
Head of Technology and Architecture, Lenovo PCCW Solutions

曾炎焜先生
聯想電訊盈科企業方案技術基礎設施服務主管

Assessment Team 評審小組

Mr Jimmy TSANG (Chief Assessor, Emerging Technologies)
Head of Technology and Architecture, Lenovo PCCW Solutions

曾炎焜先生 (首席評審員(新興技術及應用))
聯想電訊盈科企業方案技術基礎設施服務主管

Mr Alan KWONG
Principal Manager - Digital Solutions, CLP Power Hong Kong Limited

鄺仲麟先生
中華電力有限公司首席經理-數碼方案

Mr Calvin LAI
Chief Technical Architect, The Hong Kong Jockey Club

黎錦樑先生
香港賽馬會技術系統總設計師

Mr Tony MOK
Director – Education Solutions, mCommerce Online Limited (MCoMo)

莫國華先生
Director — Education Solutions, mCommerce Online Limited (MCoMo)

Sr Professor Paul TSUI
Chief Executive Officer, Esri China (Hong Kong) Limited

徐開源教授測量師
Esri中國(香港)有限公司首席執行官

Ir Allan WONG
Director of Information Technology, Hong Kong Baptist University

黃啟超工程師
香港浸會大學資訊科技署署長

Mr Benedict LAM (Chief Assessor, Solution for Business and Public Sector Enterprise)
Principal Consultant, Celtic Consultancy

林靈欽先生 (首席評審員(商業及公營機構))
Principal Consultant, Celtic Consultancy

Professor Dorothy CHAU
Associate Professor of Practice, Hong Kong Baptist University

周頌琪教授
香港浸會大學專業應用副教授

Mr Fritz CHIU
Financial Controller, Data Exchange Ltd.

招亮輝先生
Data Exchange Ltd財務總監

Mr Ahim KHO
Chief Executive Officer, Apicem Technology Services Co Ltd

許躍奏先生
智耘科技服務有限公司首席執行官

Dr Vincent NG
Senior Project Fellow, Dept of Computing, The Hong Kong Polytechnic University

吳道義博士
香港理工大學資深項目員

Dr Gary WONG
Senior Information Technology Manager, Environmental Protection Department, The Government of the Hong Kong Special Administrative Region

黃耀輝博士
香港特別行政區政府環境保護署高級資訊科技經理

Mr Horace CHU (Chief Assessor, Solution for SME)
Director & Chief Information Officer, Gammon Construction Limited

Mr Douglas LEUNG
Director - Head of Information Technology, Link REIT

Mr Francis NGAI
Chairman & Founder, XDaTech Limited

Mr Vincent SUM
Chief Information Officer, Jardine Engineering Corporation

Mr Alex WONG
General Manager, Corporate Information Technology,
The Hong Kong and China Gas Company Limited

朱凱威先生 (首席評審員(中小企業))
金門建築有限公司董事及首席資訊總監

梁震宇先生
領展資訊科技總監

魏已倡先生
融一科技有限公司主席兼創辦人

岑偉山先生
怡和機器有限公司（怡和機器）資訊科技總監

黃家傑先生
香港中華煤氣有限公司總經理-企業資訊科技

Acknowledgement
鳴謝

Award Sponsorship
大會贊助

Gold Sponsor
金贊助機構

ASL

Ceremonial Sponsorship
晚宴贊助

General Sponsor
贊助機構

香港國際機場 | HONG KONG INTERNATIONAL AIRPORT

Prize Sponsorship
獎品贊助

HKSTP 25 TO NEXT

HKVIN
HONG KONG VENTURE INVESTMENT AND BUSINESS ANGEL NETWORK
香港風險及天使投資脈絡

數碼港 Cyberport

CityU
香港城市大學
City University of Hong Kong

HK TECH 300

Scoring System
評分系統

IncuCycle
Award Judging System by tagdigital

Organiser
主辦機構

Hong Kong ICT Awards 2026 香港資訊及通訊科技獎
Innovate • Inspire • Impact
創新 • 啟發 • 引領未來

數字政策辦公室
Digital Policy Office

Leading Organiser
籌辦機構

Hong Kong Computer Society
香港電腦學會

Awards Supporting Organisations
大會支持機構

ASTRI 香港應用科技研究院
Hong Kong Applied Science and Technology Research Institute Company Limited
香港應用科技研究院有限公司

數碼港 Cyberport
Hong Kong Cyberport Management Company Limited
香港數碼港管理有限公司

hkpc 生產力局
Hong Kong Productivity Council
香港生產力促進局

HKSTP 25 TO NEXT
Hong Kong Science and Technology Parks Corporation
香港科技園公司

HKTDC 香港貿發局
Hong Kong Trade Development Council
香港貿易發展局

創新科技署 Innovation and Technology Commission
Innovation and Technology Commission
創新科技署

InvestHK
Invest Hong Kong
投資推廣署

OASES
Office for Attracting Strategic Enterprises
The Government of the Hong Kong Special Administrative Region of the People's Republic of China
Office for Attracting Strategic Enterprises
引進重點企業辦公室

Supporting Organisations
支持機構

Hong Kong Academy of Sciences 香港科學院
CAHK 香港通訊業聯會 Communications Association of Hong Kong
CHKCI 香港電腦商會 The Chamber of H.K. Computer Industry
香港中華廠商聯合會 The Chinese Manufacturers' Association of Hong Kong
CPD Continuing Professional Development Alliance 持續專業進修聯盟
CSA cloud security alliance®
香港電商協會
ESAHK Esports Association of Hong Kong, China 中國香港電競總會 10th Anniversary From Pixels to Glory - 10 Years of Esports
香港工業總會 FHKI
香港電腦教育學會 The Hong Kong Association for Computer Education
aim
Hong Kong DataCentre Association
Hong Kong Institute of Arbitrators 香港仲裁協會
香港房屋經理學會 The Hong Kong Institute of Housing
HRM 香港人力資源管理學會
香港董事學會 The Hong Kong Institute of Directors FOUNDED 1997
IOTA Hong Kong Internet of Things Alliance
hkirc 香港互聯網註冊管理有限公司
HKitIC 香港資訊科技業協會
ijc 香港資訊科技聯會 HONG KONG INFORMATION TECHNOLOGY JOINT COUNCIL Founded in 1996
HKMA The Hong Kong Management Association 香港管理專業協會
香港專業及資深行政人員協會 HONG KONG PROFESSIONALS AND SENIOR EXECUTIVES ASSOCIATION
HKRITA
iEthics The Computer Ethics Society 電腦倫理學會
ISACA China Hong Kong Chapter
個人資料私隱專員公署 Office of the Privacy Commissioner for Personal Data 30

Media Sponsors
媒體贊助

ITPRO
PCM BizIT
Recruit 全方位求職增值平台

政府資助計劃 Government-funded programme