

LOGISTICS AND
SUPPLY CHAIN
MULTITECH R&D
CENTRE

物流及供應鏈多元技術研發中心

ARTIFICIAL INTELLIGENCE



PUBLIC SECTOR SYSTEMS



LOGISTICS SUPPLY CHAIN



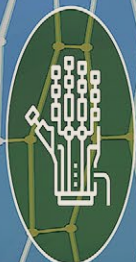
BIG DATA



E-COMMERCE



ROBOTICS



GERONTECH



INTERNET-OF-THINGS



CONSTRUCTION



BLOCKCHAIN



FOR A BRIGHTER FUTURE

CREATIVE THINKING



FROM INNOVATION TO PRACTICAL FUNCTION...

從創新到應用

INNOVATION AND TECHNOLOGY CULTURE

創新與科技文化

Research & Development 研究與開發

Connecting innovative technologies with industries, the Logistics and Supply Chain MultiTech R&D Centre (LSCM) is here to initiate and conduct research and facilitate the adoption of the latest technologies to boost industries' competitiveness in areas including but not limited to logistics and supply chain, e-commerce and gerontechnology, and open up new business prospects for enterprises in Hong Kong.

物流及供應鏈多元技術研發中心 (LSCM) 將創新科技與產業需求互相結合，旨在啟動及開展相關研究，促進業界採用最新技術，從而提升香港在物流、供應鏈、電子商貿及樂齡科技等眾多領域的競爭力，並為各大小企業開拓更佳商業前景。

INTELLIGENT TECHNOLOGY

智能科技

DRIVE EFFICIENCY, NEW BUSINESS MODELS,
BUSINESS EXPANSION AND PERFORMANCE

提高效率，創新營運模式，
拓展業務及提升表現

EMPOWER
YOUR BUSINESS

LSGM

WITH TECHNOLOGY
COMMERCIALISATION

Technology Commercialisation 技術商品化

From various research projects, we identify intellectual assets and initiate technology commercialisation and knowledge transfer to the marketplace to promote industrial advancement, boost efficiency and strengthen Hong Kong's position as a leading logistics and commercial hub in the region.

透過各種研究項目，我們發掘可應用於不同產業的創新技術知識，
並且透過商品化將技術知識推向市場。促使業界進步，提升效率，以鞏固香港
作為首屈一指的物流與商貿樞紐之地位。



ONE-STOP RESOURCE

一站式資源

OPENING DOOR TO SUCCESS
開啟通向成功的大門

Why LSCM?
為何選擇物流及供應鏈多元技術研發中心？

A one-stop resource for applied research and development, technology transfer and commercialisation, LSCM serves the industries with research projects, contracted researches, market intelligence services, business matching, technology transfer and intellectual property commercialisation. LSCM fosters a culture of innovation and technology in industries and drives Hong Kong's development into a smart city.

作為提供一站式應用研發、技術轉移與商品化服務的研發中心，LSCM為業界提供技術研究項目、合約研究、市場資訊、業務配對、技術轉移及知識產權商品化等一系列全方位的服務。

LSCM致力為業界培育創新科技文化，推動香港發展成為一個智慧型的國際大都會。

**BUSINESS
MATCHING**
業務配對

**TECHNOLOGY
COMMERCIALISATION**
技術商品化

UNSURPASSED NETWORK

卓越網絡創商機



**BUSINESS
NETWORKING
& MATCHING
OPPORTUNITIES**

**業務配對
與發展機會**

GATEWAY TO THE LATEST
TECHNOLOGY AND MARKET
INTELLIGENCE
掌握最新技術與市場資訊

ACCESS TO HIGH-CALIBRE
RESEARCHERS
薈萃頂尖研究人員

BROADENING
HORIZONS
& MARKETING
EXPOSURE
拓寬視野與推廣範疇

Membership Programme 會籍計劃

Join our membership programme to benefit from networking opportunities with leading researchers and technology gurus across a broad range of industries. You will gain access to our events, technical expertise and research resources, allowing you to keep ahead of the competition.

加入成為LSCM會員，與眾多行業中資深的研究人員和技術專家建立聯繫，促進科技應用。亦可參與我們舉辦的各項活動，獲得各種技術知識以及研究資源，從而在市場競爭中保持領先地位。

ABOUT LSCM 關於物流及供應鏈多元技術研發中心



Since 2006

A pioneer of research and development in Hong Kong
香港業界的研發先鋒 始於2006

Established in 2006 with funding from the Innovation and Technology Fund of the HKSAR Government, LSCM is a one-stop resource for advanced technology research and commercialisation with the objective of reinforcing cooperation between industries and research institutes and helping Hong Kong transform into a world class centre of creativity and innovation.

LSCM is hosted by three leading universities, namely the University of Hong Kong, the Chinese University of Hong Kong, and the Hong Kong University of Science and Technology, representing a concerted support on the part of the government, industry, academia and research institutes.

LSCM於2006年成立，由香港特區政府之創新及科技基金資助，擁有一站式資源進行尖端技術研究及商品化，旨在加強各個行業與研究機構之間的互相合作，並致力推動香港成為世界級的創科中心。

LSCM由三間著名大學共同協辦，包括香港大學、香港中文大學及香港科技大學。本中心的成立，代表着政府、業界、學術界以及研究機構的支持與合作，凝聚各個界別對科研發展之熱忱。

Our Vision

- To be a leading Centre of Excellence in logistics, supply chain management, e-Commerce and related industrial research and development
- To be a Centre of Excellence to initiate and facilitate indigenous innovation and technology by local industries, and collaborate with industries and the communities to embrace innovation and technology

我們的願景

- 成為一所在物流、供應鏈管理、電子商貿及相關產業研發領域的領先卓越研發中心
- 成為開創和促進本地工業自主創新科技發展、致力與業界及社區合作的卓越研發中心

OUR SERVICE 我們的服務

Mission

- Initiate and conduct R&D activities to develop core technological competencies in the logistics, supply chain, e-Commerce and related industries, and to lead the industries in applied research and development work
- Facilitate the indigenous technological research by industries (public and private) in Hong Kong / Mainland China by providing expertise, knowledge and Innovation & Technology Funding support
- Collaborate with industries (especially SMEs) and communities to adopt and embrace innovation and technology for productivity, efficiency, social well-being and making positive impact to Hong Kong

LSCM has been commissioned to be a one-stop resource for applied research, technology transfer and commercialisation, by undertaking the following roles and functions:

- Conducts industry-oriented research projects
- Provides contracted research and market intelligence services
- Provides a platform for business matching and technology transfer
- Facilitates intellectual property commercialisation

使命

- 透過開創及進行研發活動，提升在物流、供應鏈、電子商貿及相關產業的核心技術能力，並引領業界進行應用研究和開發工作
- 促進本地工業的自主科研力量，並為在本港 / 內地營運的業界（公營和私營）提供專業技術、知識與創新及科技基金的支援
- 致力與業界（特別是中小企業）和社區合作，推廣創新科技，以提升生產力、效率及為香港社會帶來積極影響

LSCM致力為業界提供應用研究、技術轉移及商品化的一站式服務：

- 開展以產業為導向的研究項目
- 提供合約研究及市場資料服務
- 提供業務配對及技術轉移的平台
- 促進知識產權商品化



MultiTech R&D Centre

多元技術研發中心

Dedicated to meeting all the needs of various markets
致力針對不同市場的需求

TECHNOLOGY

- Active RFID
- AGV Technology
- BIM Technology
- Data Analytics
- e-Lock Technology
- Fintech
- GPS
- Internet Security
- Passive RFID
- Remote Sensing Technology
- Robotics Technologies
- SAAS Technologies
- Software Interoperability
- Ultra Wideband Technologies
- Video Content Analytics Technologies
- Wifi Mesh Technology
- WiFi-Based Positioning Technology
- ZigBee-Based Positioning Technology

INDUSTRY

- Construction
- e-Commerce
- Gerontech & Community
- Logistics & Supply Chain Management

SYSTEM

- Application/Service System
- BIM System
- IOT System
- Security System
- Tracking and Positioning System



Technology Commercialisation 技術商品化

To enhance the efficiency and productivity of Hong Kong's industries and strengthen its position as a world-class smart city, LSCM identifies and develops technology commercialisation opportunities generated from various research projects.

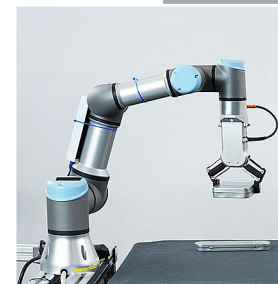
為了提升香港產業的效率與生產力，並鞏固其作為世界級智慧型大都會的領先地位，LSCM從各類研究項目中推行技術商品化，把技術推向市場，鼓勵業界採用。



Product & System Services 產品與系統服務

We have a large portfolio of cost effective, market compatible and innovative technologies offered to industry customers for commercialisation. We also provide a platform for technology companies to use our ready-for-market licensable technologies and further develop them into more successful solutions for industrial use and ultimately benefit a wide range of industries.

我們為各主要產業提供了大量具成本效益、市場兼容以及創新技術的商品化產品組合。此外，我們還為各技術公司提供了一個優良平台，使其獲得我們研發的可授權技術，進一步將其發展為更適用於產業的解決方案，使眾多行業從中受惠。





Industrial efficiency 產業效率

Core Technological Competencies

核心技術競爭力

Funding Programmes

LSCM focuses on developing R&D projects that would increase the added value, productivity and competitiveness of industries in Hong Kong. The funding programmes for these projects are administered by LSCM and funded by the Innovation and Technology Commission (ITC) of the HKSAR Government which include the Platform Research Programme, Collaborative Research Programme and Public Sector Trial Projects.

R&D Focus

To develop core technological competencies and enhance industrial efficiency, LSCM involves enterprises and universities in the industry-oriented research projects. The wide range of projects managed and supported by the Centre come under the categories of “Smart Living”, “Smart Mobility”, “Smart Government” and “Smart Economy” and include RFID technologies used in manufacturing, retail and distribution, freight tracking and gerontech; as well as e-Cheque Wallet using blockchain technology and e-Lock technology, among others.

資助計劃

LSCM專注於發展提高香港產業生產力和競爭力的研發項目。該等項目的資助計劃由LSCM專業管理，並由香港特區政府創新科技署（ITC）資助，包括平台研究計劃、合作研究計劃及公營機構試用計劃。

研發重點

為了發展核心技術競爭力及提高行業效率，LSCM與眾多企業及大學合作，制訂了多個以產業為導向的研究項目。本中心管理與支持的項目廣泛涵蓋了「智慧生活」、「智慧移動」、「智慧政府」以及「智慧經濟」等類別，亦包括應用了RFID(無線射頻識別)技術於製造、零售與分銷、貨運追蹤與樂齡科技，使用區塊鏈技術的電子支票錢包，以及電子鎖技術等領域。

LSCM technology roadmap focuses on six major areas:

- Infrastructure Innovative Technology System
- Internet-of-Things (IoT) and RFID Technology
- Location-based Service (LBS) Technology
- Logistics and Supply Chain Analytics and Applications
- Supply Chain Security (Authentication / Logistics Security)
- Financial Services and e-Commerce Technology

Latest technology capabilities:

- Artificial Intelligence (AI)
- Robotics
- Internet-of-Things (IoT)
- Big Data Analytics
- Blockchain
- System Integration

LSCM的技術大綱集中於六大研發範疇：

- 創新技術系統之基礎設施
- 物聯網（IoT）與 RFID（無線射頻識別）技術
- 基於位置(室內/外)的服務技術
- 物流與供應鏈分析及應用
- 供應鏈安全（認證/物流安全）
- 金融服務與電子商貿技術

最新技術能力：

- 人工智能
- 機械人
- 物聯網
- 大數據分析
- 區塊鏈
- 系統集成



Membership Programme

會籍計劃

Advanced technologies and tech expertise within your reach

Our membership programme provides round the year networking opportunities amongst representatives of a broad range of industries, high-calibre researchers and technology leaders through relevant events. Members gain access to opportunities for learning and professional development.

LSCM also offers members with an excellent platform for marketing and exposure, development and adoption of new and advanced technologies, as well as access to technological expertise, research resources, expert advice and business opportunities. Membership is free of charge.

掌握先進科技 聯繫科研專家

我們的會籍計劃為不同行業的代表，優秀的研究人員以及技術領袖提供聯繫與交流的機會。此外，會員可參與各項活動，獲得專業的技術知識及研究資源，掌握無限商機。

LSCM 亦為會員提供一個卓越的平台，用於市場推廣、發展業務和應用先進技術，同時更可獲取技術專業知識、研究資源、專家建議和商業機會。會籍費用全免。



Membership Types

There are three membership types for individuals or organisations who want to benefit from our unique services.

1. Technology and solution provider membership
Companies offering consulting services, hardware and software solutions and technologies for end-users fall into this category.
2. Company and institute membership
End-user companies, including manufacturers, logistics operators and retailers can join as company members, while government departments, industry associations, university faculties and departments, research organisations and other professional bodies can join as institute members.
3. Individual membership
This category applies to individuals who are working in or pursuing their studies in any areas of technology or industry. It is also open to individuals who are interested in innovative technology solutions.

Membership registration is **FREE OF CHARGE** and the membership fee is waived perpetually.

會籍類別

LSCM設有三種類別的會籍，可供個人或機構參加：

1. 技術與解決方案供應商會員
為終端用戶提供諮詢服務、硬件與軟件解決方案以及各種技術的公司均屬於這一類別。
2. 公司與機構會員
終端用戶公司，包括製造商、物流運營商及零售商均可加入成為公司會員，而政府部門、行業協會、大學院系、研究組織以及其他專業機構均可加入成為機構成員。
3. 個人會員
此類別適用於在任何技術或行業領域工作或深造的個別人士。對創新技術解決方案感興趣的人士亦可加入成為個人會員。

會員可**免費註冊**，並將永久豁免會籍費。



To apply for membership, please scan the QR code to visit application webpage

請掃描二維碼瀏覽會員申請網頁



LOGISTICS AND SUPPLY CHAIN MULTITECH R&D CENTRE

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