



Gold Award
金獎

HONG KONG
ICT AWARDS
2019 香港資訊及
通訊科技獎



**SMART
SELF-STORAGE
SERVICE**
智能化自存服務



bpsglobal

Best Practice Solutions



Gold Award
金獎

HONG KONG
ICT AWARDS
2018 香港資訊及
通訊科技獎



Grand Award
大獎

HONG KONG
ICT AWARDS
2018 香港資訊及
通訊科技獎



**SMART
AUTOMATED
WAREHOUSE
SOLUTION**

智能自動倉庫方案

Logistics Technology is at the heart of today's extended global supply chain. BPS Global helps our clients' businesses embracing Industry 4.0 with automated warehouse and logistics system to attain increased efficiency, reliability and responsiveness. We offer tailor-made solution for our clients with staged investment, flexibility and scalability for future expansion. Our all-round turnkey solution starting from professional business solution design and consultancy service, logistics automation consulting to first-class project execution and maintenance services.

物流科技是當今全球供應鏈的核心。威裕環球集團幫助客戶採用自動化倉庫和先進的物流系統來實現工業4.0，從而提高企業整體的效率，可靠性和反應能力。我們為客戶提供度身定制的解決方案，提供階段性的投資建議，協助企業將自動化設備靈活延伸到未來的商業模式中。我們的全方位一站式解決方案，包括專業的方案設計及顧問服務、物流自動化諮詢、項目執行和維修服務。





Hong Kong ICT Awards 2018 & 2019



Awarded Smart Mobility (Smart Logistics) Gold Award in The Hong Kong ICT Awards 2019
榮獲2019香港資訊及通訊科技獎「智慧出行（智慧物流）金獎」



Awarded Smart Mobility Grand Award and Smart Mobility (Smart Logistics) Gold Award
in The Hong Kong ICT Awards 2018
榮獲2018香港資訊及通訊科技獎「智慧出行大獎」及「智慧出行（智慧物流）金獎」



StoreFriendly Go – Smart Self-storage Service

智能化自存服務

Combating high rental, high labour cost and latest enactment of fire services regulations, BPS Global introduced a new concept of total solution alongside the adoption of Autonomous Guided Vehicle (AGV) for StoreFriendly. In addition, this solution has enhanced their customer experience.

AGV is one of the leading technologies applied to supply chain and logistics industry to boost productivity. BPS Global integrated this industrial technology with innovative mobile application to create a comprehensive automated solution to provide highly compact storage for belongings. The solution combined the elements of robotics, big data, AI and other cutting-edge technologies. This is the first installation that applies to the self-storage (B2C) market, and tackles all the above problems faced by the self-storage industry.

面對高昂租金、營運成本上升和日益嚴格的消防法規要求，威裕環球為儲存易(StoreFriendly)自存服務引入新概念，採用AGV自動導向車解決方案，全面提升StoreFriendly 的客戶體驗。

AGV自動導向車是一項提高供應鏈及物流業生產力的領先技術。威裕環球將此工業技術與流動應用程式結合，創建一個提供高密度存儲的全面自動化系統。它結合了機器人、大數據、人工智能和其他尖端技術並將其應用於自存倉 (B2C) 市場，以解決上述業界正面對的問題。

By applying this logistics technology, a “no-man zone” operation concept can be realized to ensure the highest level of security. The solution which provides customer’s personal storage appointment by processing the request ahead of time. This eliminates the waiting time of patrons at the shop. It also realizes the concept of “Cabinet to Person” which provides a superior enjoyment to end users. It is thus a self-storage service of StoreFriendly provided to its customers rather than a conventional facility rental.

此物流技術除可實現「無人區」操作概念，除確保高度安全性外，更能有效提升儲存櫃運送處理的效率，大大縮短客戶的輪候時間，實現了「櫃到人」的概念，為用家提供卓越的服務體驗。因此，本解決方案提供給StoreFriendly客戶的自助存儲服務，遠超過一般傳統的設施租賃服務。

Features 特點



Benefits 客戶收益





DKSH Hong Kong Smart Automated Warehouse Solution

BPS Global developed a smart automated warehouse in Hong Kong for DKSH, the leading Market Expansion Services provider in Asia. The facility performs secondary repacking, storage and distribution for pharmaceutical goods. The solution addresses DKSH's challenges, including tight man power supply, increasingly stringent regulatory requirement and ever dynamic customer expectation in the market.

BPS Global tailor-made a smart logistics system by integrating carousel storage, mobile robot technology, drop-to-light panel and conveying system for goods-to-person order fulfillment. Automation is a breakthrough in the relatively conservative pharmaceutical and health care logistics industry. Another key feature of the solution is its full compliance with the related GMP/GDP/WDL/CSV statutory requirement stipulated by Department of Health and World Health Organization.

This solution demonstrates that smart logistics automation is feasible in Hong Kong's special environment, especially in traditional multi-storey industrial/warehouse buildings with comparatively low ceiling height and small compartmentation. Smart logistics automation does not only apply in purposely-built construction but also smartly affordable for SMEs in conventional buildings.

By adopting the modular system integration approach, clients can easily re-engineer the automation products they have invested in, having the devices fitted into their future business models or relocated to other sites, which is common in Hong Kong for its short lease period. BPS solutions have also been well-received in a variety of industries, such as e-commerce, mini-stores, freight forwarding, etc, with stories of success being created and expanded in various Asia Pacific countries.



香港大昌華嘉 智能自動倉庫方案

威裕環球集團成功為大昌華嘉於香港設立自動化智能倉庫設施。大昌華嘉為亞洲領先的市場拓展服務供應商，新落成的倉庫將用作進行藥物二次包裝、存儲及配送。我們的解決方案成功為大昌華嘉解決多項市場的挑戰，包括人手供應緊張、監管機構要求日益嚴格以及客戶不斷增加的期望。

這次為客戶度身訂造的自動化智能倉庫解決方案，包括多功能輪盤存儲系統、智能移動機械人技術、電子標籤揀選以及高速輸送系統，實現貨到人的訂單處理方式。自動化設備在相對保守的製藥及醫療保健物流業是一項嶄新的突破，而我們設計的方案更符合衛生署和世界衛生組織對生產質量管理規範(GMP)、分銷質量管



理規範(GDP)、藥物批發商牌照(WDL)、電腦系統驗證(CSV)的嚴格標準。

在香港傳統的多層工廈/倉庫建築中，樓層高度和狹小的間隔一般不足以容納自動化設備。我們的方案則成功展示物流智能自動化在香港的特殊環境下是完全可行的，不僅適用於特殊設計的倉庫，也符合在舊式工廈倉庫經營的中小企業的負擔能力。

通過採用「模塊式」系統所組成的方案設計，客戶可以輕鬆地重組他們已投資的自動化設施，將自動化裝備延伸到未來的商業模式中，或遷移至其他倉庫。即使在香港常見的短期租約制度下，客戶仍可靈活運用自動化設備。集團的解決方案在電子商務、迷你倉、貨運代理等各行各業均獲得一致好評，並已為亞太區多間大型企業成功設計及推行各種方案。



Hong Kong Logistics Technology & Systems Limited
7/F, SML Tower, 165 Hoi Bun Road, Kwun Tong, Kowloon, Hong Kong
香港九龍觀塘海濱道165號7樓
☎ (852) 2763 6874 📠 (852) 2343 2021
🌐 www.bps-group.net ✉ enquiry@bps-group.net

