

The International Medical Co. Ltd 全球藥業有限公司

Smart Supply Chain Boosts Efficiency & Cost-savings, Meeting Regulatory Requirements
供應鏈智能化 增效省成本 符監管要求



Background 背景

Having multiple storerooms for drugs across HK, International Medical requires workers visit different warehouses to log down temperature and humidity records, for authorities' auditing purpose.

全球藥業在港九有多個倉庫，需安排人手定時記錄溫度及濕度，並保存以備監管機構查核。

Solution 解決方案

Smart Professional Services team reviewed and advised the company to implement Smart Operations solution, like installing smart sensors for automatic recording and integrated dashboard display.

智慧專業服務團隊建議在公司倉庫及車隊上應用智慧營運方案，包括安裝智能感應器，自動記錄及於儀表面板展示。

Benefits 效益

Saves around HK\$200K cost of manual data logging and report compiling, effectively meeting the authorities' requirement on drug regulation, monitoring warehouses and fleets' data around the clock.

省去每年約20萬的人手記錄數據支出，輕鬆符合衛生署對藥品監控要求，並7x24監測倉庫及貨車溫度及濕度。

Background

Storeroom for drugs should be clean and dry, and maintained within acceptable temperature and humidity limits with detectors which can record results for monitoring and review, according to the “Requirements on Storage of Pharmaceutical Products” stipulated by the Drug Office of the Department of Health (DoH).

As an established distributor for various world-famous medicine and healthcare products, including Weisen-U and Ricqlès Peppermint Cure, The International Medical Co. Ltd (TIMC) takes serious care on its warehouses’ temperature and humidity to ensure products’ quality, and to fulfil the renewal requirements for drug licence for wholesale dealers required by the DoH.

TIMC has several warehouses in Hong Kong for storing pharmaceutical and healthcare products. Until now, the company would dispatch 1 - 2 workers to different warehouses to take records of the temperature and humidity, compiling a report for authorities’ auditing purpose. The company recognised the need for a more effective solution for such arrangement.



Smart Operations Solution

TIMC thus invited GS1 HK’s Smart Professional Services (SPS) team to review its operation flow, make recommendations and execute Smart Operations throughout its warehouse and fleet management. By installing smart sensors, TIMC can now automate the process of temperature and humidity’s monitoring and logging, so that the storage condition of all healthcare items including the regulated drug products along the supply chain are being monitored with the highest standard, ensuring their first-class quality.

背景

根據衛生署就《貯存藥劑製品的規定》，貯存藥品房間須保持清潔乾爽及維持於適合儲藏藥品的溫、濕度範圍，並須備有溫度及濕度的監測記錄以供審查。

作為胃仙U、雙飛人藥水及世界各大知名名牌醫藥保健品的供應商，全球藥業當然要小心管理倉庫的溫度及濕度，既確保產品質量，亦要符合衛生署規定藥品批發商需提供溫度濕度記錄的續牌要求。

公司在香港有多個倉庫，儲存大量醫藥及保健品。以往公司會安排1-2名人手前往不同倉庫，定時記錄溫度及濕度，整理後將報告保存以備當局查核。公司需要尋求更有效方法去改善管理、提升效率。

智慧營運解決方案

GS1 HK 的智慧專業服務 (SPS) 團隊獲邀協助全球藥業審視其營運流程，建議並落實於倉庫及自家車隊上應用智慧營運方案：透過安裝智能感應器，將測量及記錄溫度、濕度的工序自動化，確保不但受規管的醫藥品、連保健品等在整個供應鏈的儲存都能符合最高的要求，質素得到保證。

“ For more than 60 years, The International Medical Co. has been responding to changes in market. We are closely watching the progress of digitalisation and smart technologies, exploring the feasibility to tap into Industry 4.0 development.

全球藥業 60 多年來一直與時並進，密切觀察數碼化、智能化趨勢，評估公司如何投入工業 4.0 等發展。 ”



- Joseph Lun, Chairman of The International Medical Co. Ltd.
- 全球藥業有限公司主席倫洪楷

7x24 Monitoring & Logging

GS1 HK's SPS team has also helped TIMC set up a centralised system to integrate and display various information about the company's warehouse and fleet on a dashboard. This eliminates the needs for manual entries, and enables remote surveillance by employees with different access rights to monitor their responsible storage areas anytime, anywhere. This is particularly useful for employees during the pandemic to work remotely and ensure no disruption to business. When an abnormality in temperature or humidity is detected inside a warehouse or a truck, the employees will receive alert immediately and take precautions, lowering incident rate or any associated risks.

Cost Saving

The solution deployment was completed in 4-months' time, whence training on the daily running of the Smart Operations solution was conducted. TIMC has been able to reduce the time and resources needed for in-person human input, which roughly translates to a saving of HK\$200,000 per year. In addition, the integrated system automatically generates reports of all the data tracked, which allows the company to fulfill the requirement from the Department of Health on the storage environment of drugs in a very efficient way.

Apply in New Markets

TIMC has undergone digitalisation in their operation for some time, using barcode, GS1 HK's ezTRADE platform, ERP system and more. For instance, the company uses electronic system to transmit purchase order and invoice of the drugs supplied to the Hospital Authority and other local pharmacies. Looking to expand overseas, TIMC is considering to broaden the digital and smart applications to the local supply chains to increase efficiency on remote monitoring and management, and ensure instant response to any problems.

全天候監測及記錄

公司亦在團隊協助下設置中央系統，將幾個倉庫及車隊等數據綜合展示於儀表板 (dashboard) 上，省去人手記錄工序的同時，亦為擁有不同權限的管理及工作人員提供遙距監控的靈活性，隨時隨地由指定人員監測不同儲存地點的環境情況；疫情期間，這特別有助員工遙距工作、生產力無間斷。當偵測到倉庫或貨車的溫度或濕度異常時，員工會立即獲警報提醒，以採取應變措施，主動預防意外或管控安全風險。

節省開支

全球藥業接受了智慧營運方案的相關培訓，並在短短4個月的規劃部署後，不但節省人手親身到倉庫記錄的時間及資源、估算每年減省約港幣20萬開支，更讓公司自動將所有偵測到的數據整合成報告，高效又輕鬆地配合衛生署對藥品環境記錄的要求。

新市場應用

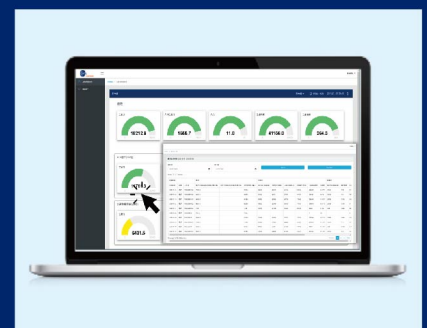
全球藥業一早已應用條碼、GS1 HK的「通商易」(ezTRADE)及企業資源管理(ERP)等將營運數碼化，例如供應醫管局及藥房的藥品都會以電子方式傳送訂單及發票。公司預期在發展海外市場時，會將數碼化及智慧營運方案應用於當地供應鏈，提升效率之餘，亦能遙距監測及管理、即時發現問題並處理。

“ The Smart Operations solution has boosted our daily operation efficiencies, presented the product storage data at a glance on dashboard, ensured our drugs and healthcare products' quality, as well as satisfied authorities' regulation more easily. We will explore more smart supply chain solutions which will help address customers' requirements and uphold product safety.

智慧營運方案提升了我們日常營運效率，讓我們能簡單地透過 dashboard 一覽環境數據，確保醫藥保健品的品質並更易滿足監管要求。我們會密切審視更多智慧供應鏈技術，以回應客戶要求及確保用家安全。 ”

- Joseph Lun, Chairman of The International Medical Co. Ltd.

- 全球藥業有限公司主席倫洪楷



Benefits

The Smart Operations solution strengthen TIMC's operation efficiency and risks management in terms of:

效益

智慧營運方案助全球藥業提升效率及強化風險管控：



Effectively meet the DoH's requirement on drug regulation with the automation

自動化方案輕鬆符合衛生署對藥品監控要求



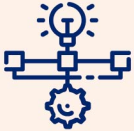
Save around HK\$200,000 cost of manual recording of data and report compiling;

省去每年約20萬的人手記錄數據及整理報告的開支



Monitor its warehouses and fleets' temperature and humidity around the clock, ensuring products' quality and proactively prevent any incidents

7x24 監測倉庫及貨車溫度及濕度，保障質量及主動預防事故



The workflow automation marks an important first step of the company's journey to Industry 4.0

將工序智能化，推動公司踏出工業4.0重要一步

GS1 standards used or solution (s) / service (s) used

- Smart Professional Services and Smart Operations solution
- ezTRADE
- Global Trade Item Number (Barcode)

應用的GS1標準或方案/服務

- 智慧專業服務及智慧營運方案
- 「通商易」
- 全球貿易貨品編碼 (條碼)

About the Company

The International Medical Co. Ltd has close to 60 years of experience in wholesale and dealership of western pharmaceutical products. The brand owner of Citracium, it is also the sole agent of Weisen-U, Ricqlès Peppermint Cure, Double Prawn Herbal Oil, as well as other well-known pharmaceutical products from Europe and the US. Trade across the globe, TIMC sales network span across public and private clinics, the Hospital Authority, private hospitals, pharmacies, chain stores, and supermarkets etc.

公司簡介

全球藥業有限公司在西藥界有近60年的批發/代理經驗，是攝達的品牌商、胃仙-U、法國雙飛人藥水、雙蝦標青草油及歐美多間大藥廠的總代理，業務橫跨世界各地。公司的服務對象及銷售網絡包括政府及私家診所、醫院管理局及私家醫院、藥房、連鎖店及超市等。

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