



# Singapore Healthcare Management 2024

# ALPS Central Warehouse Supply Chain Solution

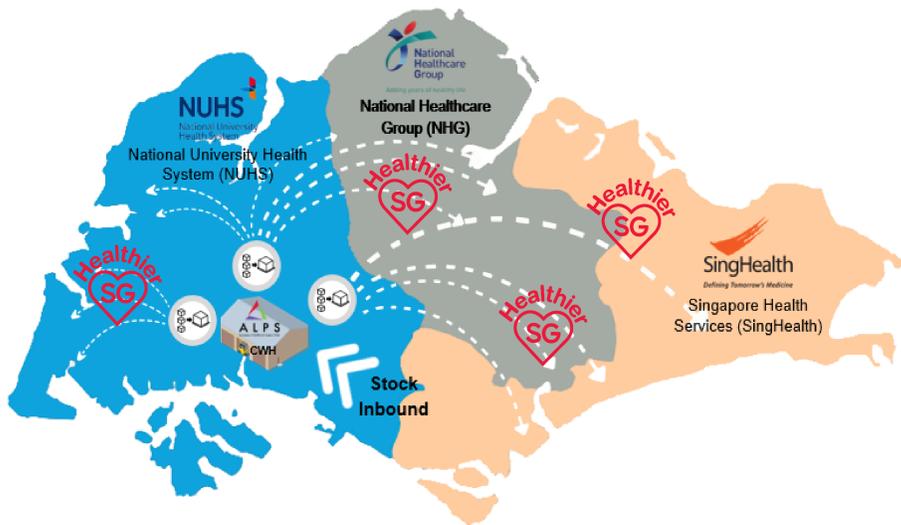
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## Introduction



## Methodology



To establish a robust supply chain solution for ALPS Central Warehouse to manage and distribute medical supplies in support of MOH's initiatives such as National Drug Resiliency and Healthier SG.

## Results



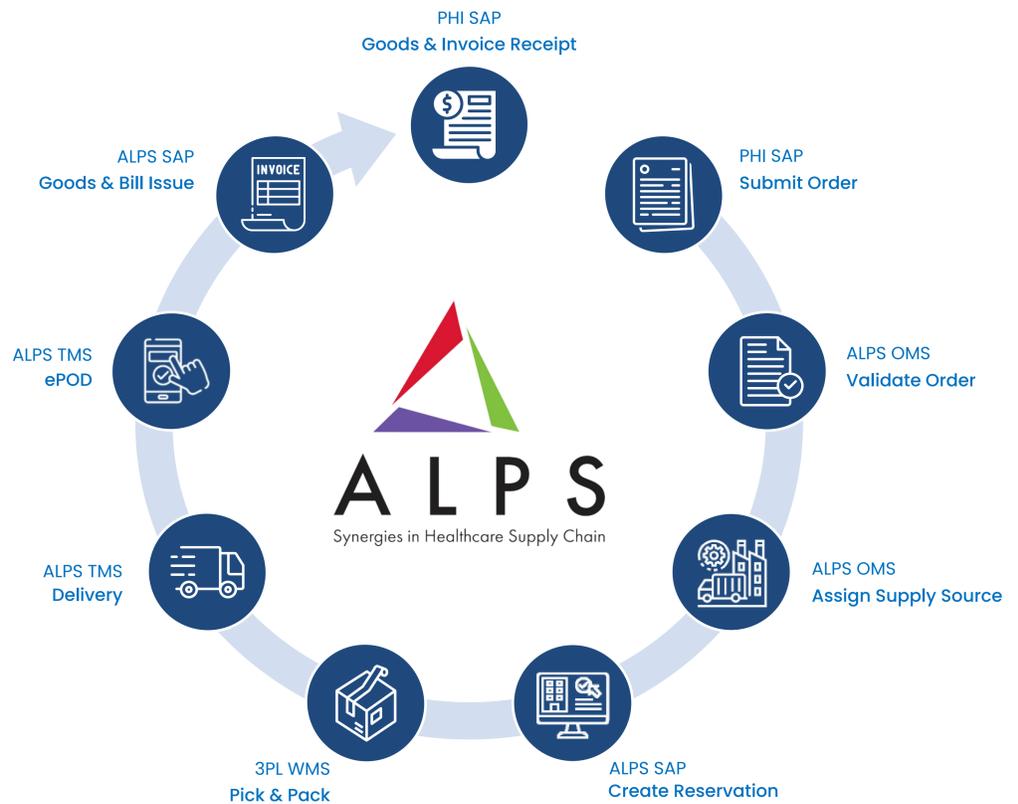
ALPS Central Warehouse has provided integration and support for the following programs and public healthcare institutions (PHIs)

National Cancer Centre Singapore SEP 2023		Woodlands Health OCT 2023	
Healthier SG – Bulk Supply(GP) FEB 2024		National Heart Centre Singapore APR 2024	

ALPS Central Warehouse has since processed...



Building an end-to-end supply chain solution managed and operated by ALPS that caters to the needs of national supply chain management for public healthcare.



- ALPS Order Management System (OMS) efficiently handles replenishment orders from public healthcare institutions (PHI) systems. It not only validates orders and sources inventory but also provides a comprehensive overview of order and inventory status. This enables timely reactions to supply chain disruptions, instilling confidence in the system's capabilities.
- ALPS Enterprise Resource Planning (ERP SAP) manages the supply chain operations, including Master Data, Inbound and Outbound Management, and Inventory Management. Integration with 3PL's WMS provides visibility and tracking of warehouse activities.
- ALPS Transport Management System (TMS) plans transportation schedules and routes to ensure timely stock delivery. It also provides electronic proof of delivery at site and wards to ensure proper stock handover and signing off.
- Integration between ALPS and the Cluster systems for goods receipt, billing and invoicing provides closure to the system loop and ensures the completeness of the entire supply chain process for ALPS.

## Conclusion

The implementation of Central Warehouse ICT systems enables ALPS to have:

- A One-Stop Platform for order progress and status
- Helps build resiliency for drugs and medical supplies
- Monitor our supply chain milestones through integration with 3PL, PHIs and Transporters for real time visibility and inventory management
- Analyse Key Performance Indicators, make real-time decisions for exception management and trending for better planning
- Allows tracking of transporters to monitor the status of deliveries better

ALPS will use Data Analytics, Artificial Intelligence, and Robotic Processing Automation to leverage system data in our Electronic Data Warehouse and build supply chain resiliency for drugs and medical supplies.