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Automation for Hospital Pharmacy Medication Management by Swisslog

Swisslog medication management solutions optimize pharmacy operations by controlling the workflow from wholesaler ordering to packaging and dispensing to administration to the patient. The powerful combination of MedPortal™ Inventory Management Software, ATP Series™ Packager and BoxPicker™ Storage and Retrieval System create a safe and reliable system for managing medications inside the pharmacy and beyond.

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swisslog
inspired solutions

Founded: 1915
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Company Background

Swisslog Healthcare Solutions began in 1915 as The Grover Company, providing pneumatic tube systems for local Detroit businesses. Today, the company is the leading provider of integrated healthcare automation solutions for material handling and medication management around the world.

Swisslog supports facility-wide and pharmacy automation systems in more than 3,000 hospitals worldwide, including more than 2,000 in North America. Denver-based Swisslog Healthcare Solutions offers total system design, manufacturing, installation and customer support – providing an integrated solution for lean workflow and operations that enhances information access, patient safety and cost efficiency.

Product Overview

Swisslog Healthcare Solutions presents the ideal solution for pharmacies desiring greater control over their inventory—from tracking and ordering, to secure storage of bulk medications and unit dose packaging. Swisslog's suite of medication management products includes MedPortal Inventory Management Software, BoxPicker Storage and Retrieval System and ATP Series High Speed Packagers, which together offer a streamlined process for safe management of medications.

The backbone of the Swisslog pharmacy automation solution is MedPortal Inventory Management Software. MedPortal Software is the first inventory management software product designed to make inventory management easy, so pharmacists can focus on the critical challenges facing hospital pharmacies today. MedPortal automates medication management, giving pharmacists access to accurate, actionable information—regardless of facility size, number of storage locations, or automation level. MedPortal manages inventory PAR levels in every location, even manual storage locations. Utilizing this information, it generates recommended orders, which are submitted directly to the wholesaler through the easy-to-use interface, saving the pharmacy staff time. Using the dashboard reporting functionality, pharmacy managers

have a real-time, accurate view of the value, location and levels of each inventory item. Only MedPortal integrates medication tracking and control from the wholesaler to the patient, providing pharmacists with what they need when they need it.

Beginning when an order is received from the wholesaler, technicians use MedPortal to scan in the entire order. MedPortal logs the purchase order and reconciles the items; recording their respective lot numbers and expiration dates. Once received, the inventory is replenished in the BoxPicker automated storage and retrieval system and satellite locations utilizing the software's PAR level data report.

BoxPicker is an automated pharmacy warehouse providing high-density storage and retrieval of medications and supplies in non-refrigerated, refrigerated and dual temperature models. The modular and scalable system configures to meet the unique needs of each pharmacy as a cost-effective alternative to vertical carousel storage. Using BoxPicker, pharmacies pick medications up to 3 times faster than a carousel, averaging 5 picks per minute and up to 300 transactions an hour. BoxPicker utilizes scan in and out practice to provides extremely accurate inventory control while optimizing pharmacy workflow.

From the BoxPicker, pharmacists pull bulk oral solids for unit-dose packaging in an ATP Series high-speed packager. The ATP, available in multiple sizes to accommodate individual pharmacy's needs, packages oral solids and half tablets quickly and accurately. Its unique Pause Batch and SkipMed functions give pharmacies the flexibility and freedom to package without interruptions. Its Pause Batch option interrupts the current packaging process in order to package and dispense STAT orders sent from the HIS through MedPortal, then resumes the original operation. If inventory of a specific pill runs out during the packaging process, the SkipMed function tells the packager to move on to the next item, while requesting a refill of the out-of-stock item.

Swisslog's inspired solutions for medication management give hospital pharmacies the safety they need and the control they want.

Additional Product
- PillPick™ Pharmacy Automation System
- MedRover® Mobile Dispensing Cabinet
- MedPickRx™ Pick-to-Light Storage and Retrieval System
- TransLogic® Pneumatic Tube System
- RoboCourier™ Autonomous Mobile Robot
- TransCar™ Automated Guided Vehicle

Ordering Information

To learn more about how Swisslog medication management solutions can improve workflow in your pharmacy, please contact us at (800) 764-0300 or healthcare@swisslog.com