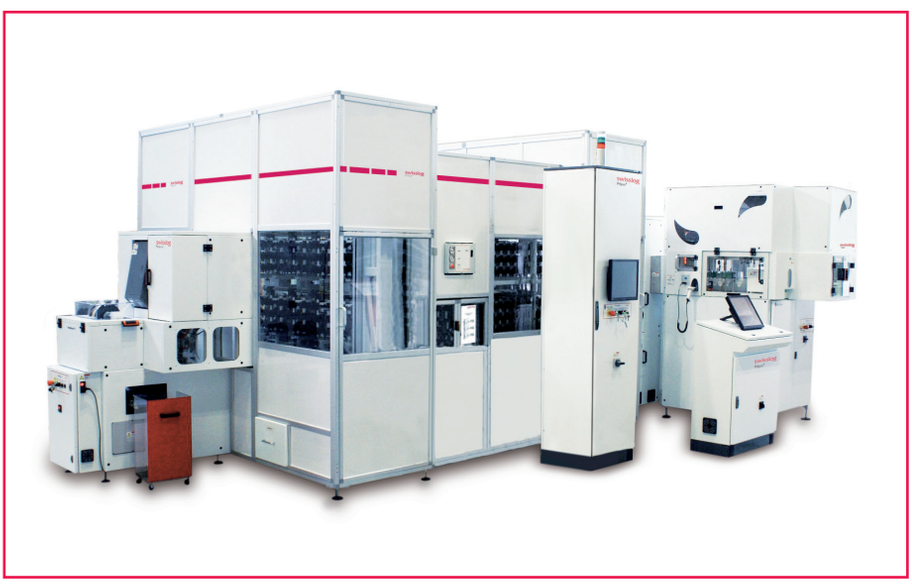
PILLPICK SYSTEM
AUTOMATED DRUG MANAGEMENT SYSTEM

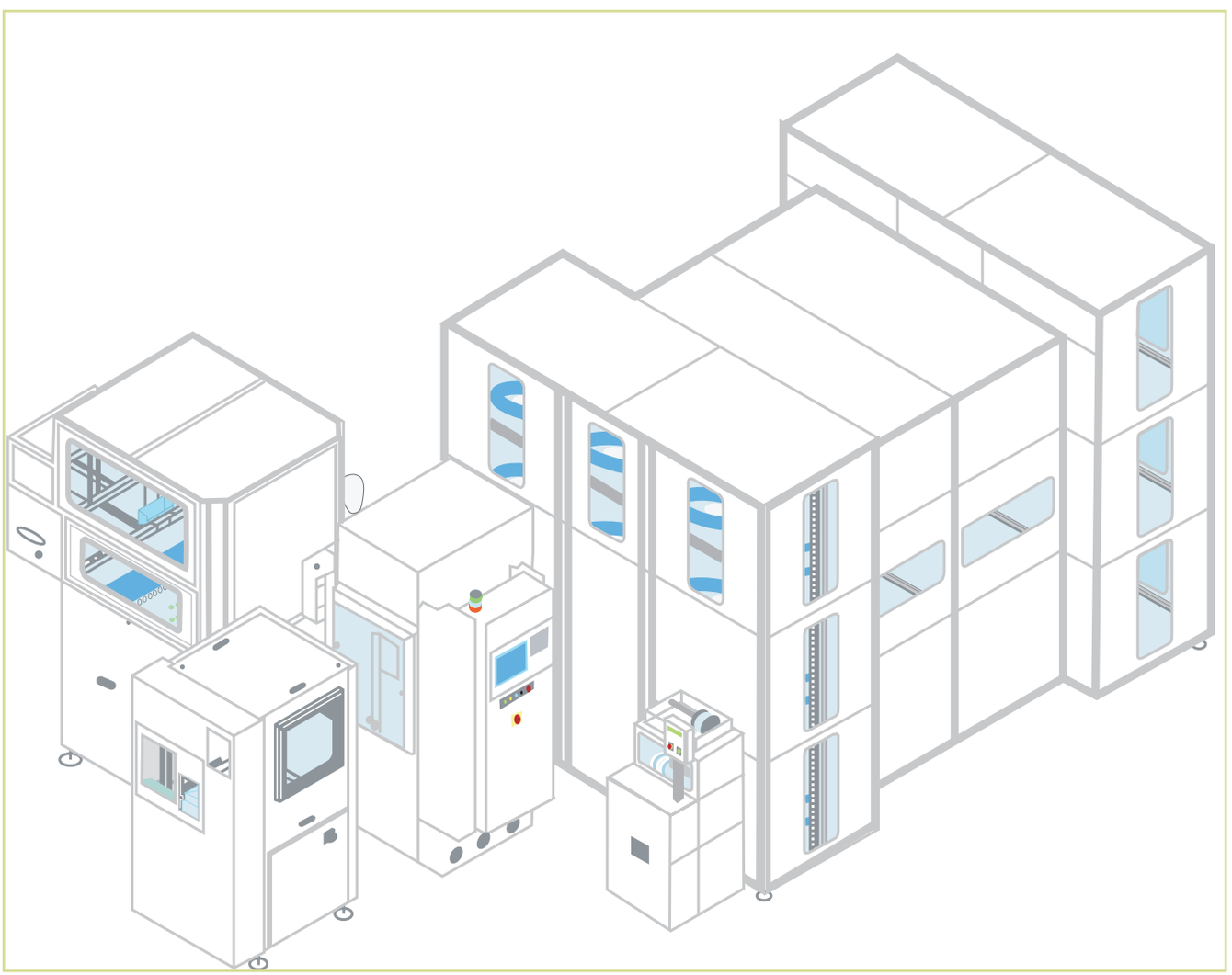
HEALTHCARE SOLUTIONS



swisslog

PILLPICK®
PHARMACY AUTOMATION SYSTEM

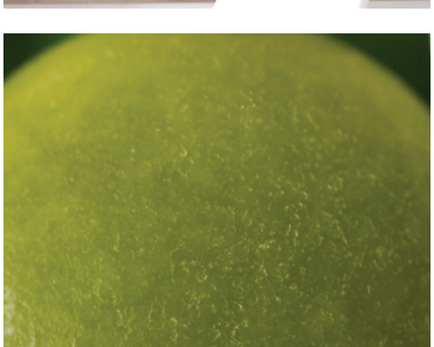
Swisslog's PillPick pharmacy automation system provides a comprehensive approach from unit dose packaging through medication dispensing. PillPick is the ultimate automated pharmacy system providing patient safety, medication dispensing efficiency and pharmacy inventory management.



WHY PILLPICK?

The PillPick System barcodes, packages, stores and dispenses unit dose medications. PickRing, Swisslog's unique patented "patient-day" or cabinet-specific medication administration component, sets Swisslog apart from all other provider systems. PillPick complements cart fill, cabinet and hybrid distribution methods.

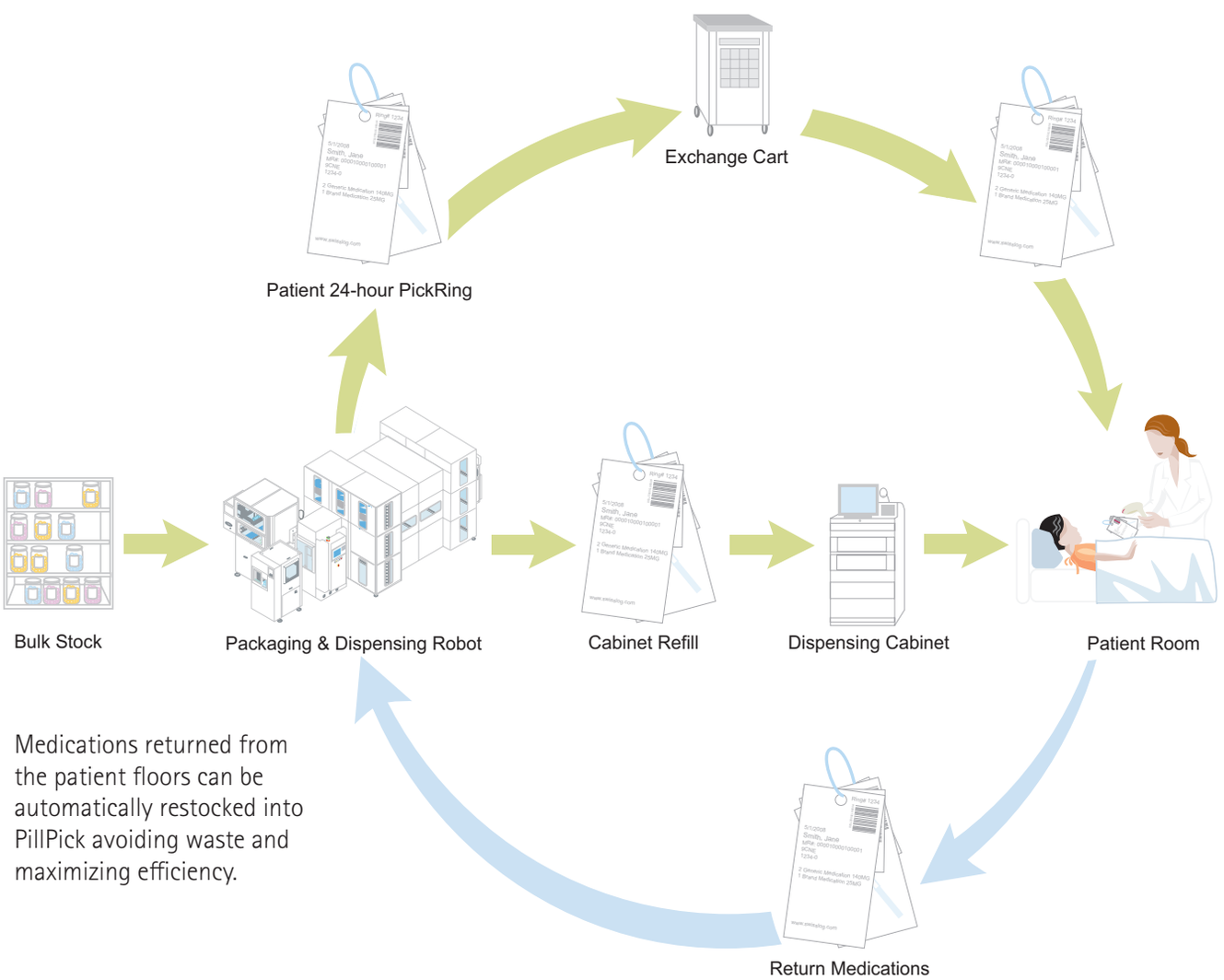
- **Fully Integrated and Automated**
  Decreases human touches, reduces medication errors, and enhances patient safety
- **Multi-Tasking**
  Packages and dispenses first doses to cart fill or cabinets simultaneously
- **Efficient**
  Improves staff utilization while dispensing and delivering meds at faster rates
- **Manages Inventory**
  Improves tracking and minimizes waste



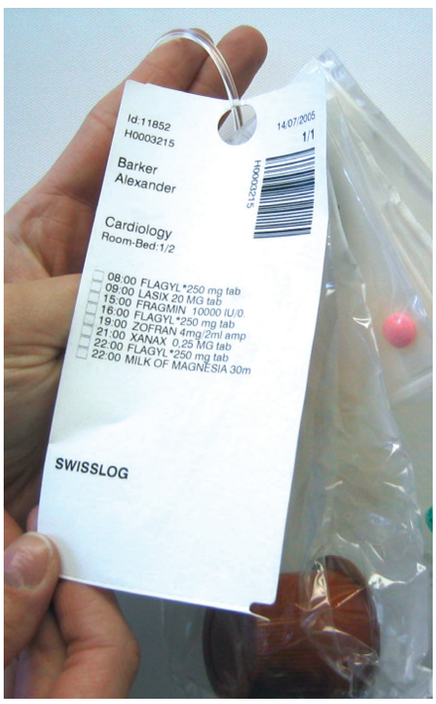
PILLPICK AUTOMATED MEDICATION FLOW

With the Swisslog PillPick System, centralized and decentralized hospital pharmacies benefit from a faster turnaround time, increased productivity and greater patient safety at a lower cost of operation.

Medications are packaged, barcoded and labeled into unit doses. Unit doses are then automatically placed into storage for future retrieval and dispensing to patient floors, labeled for individual patient administration.



Medications returned from the patient floors can be automatically restocked into PillPick avoiding waste and maximizing efficiency.



WHY PICKRING?

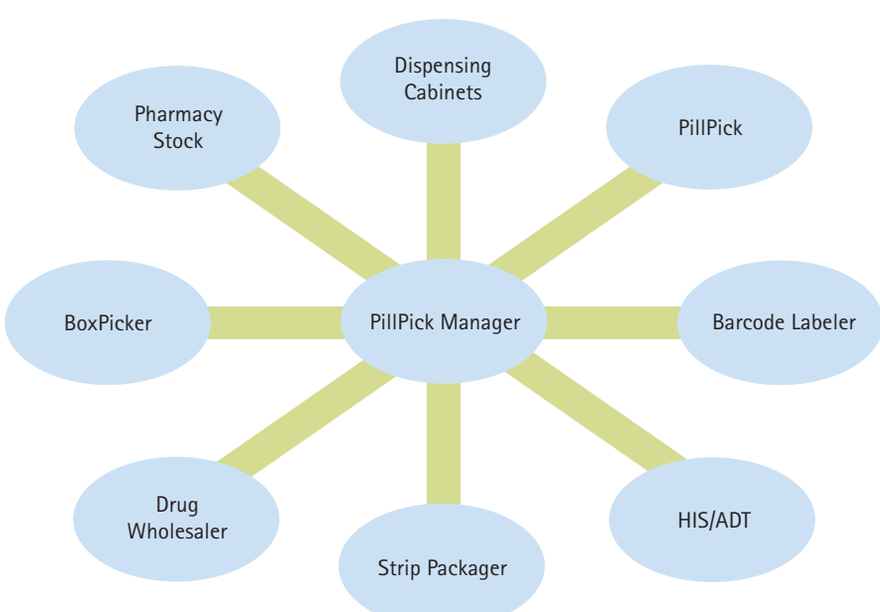
PickRing is a patented, flexible plastic ring which organizes unit doses arranged in any desired order. The PickRing contents are labeled with any information chosen by nursing; e.g. drug and/or patient information.

> **Bedside Point-of-Care**
> Prepares medications for barcode based bedside verification
> **Transport Ready**
> PickRings can be transported to nursing units in cassettes, carts or pneumatic tube systems
> **Custom Configurable**
> PickRings can be prepared to any grouping of medications for 24-hour, first dose administration or dispensing cabinet restock

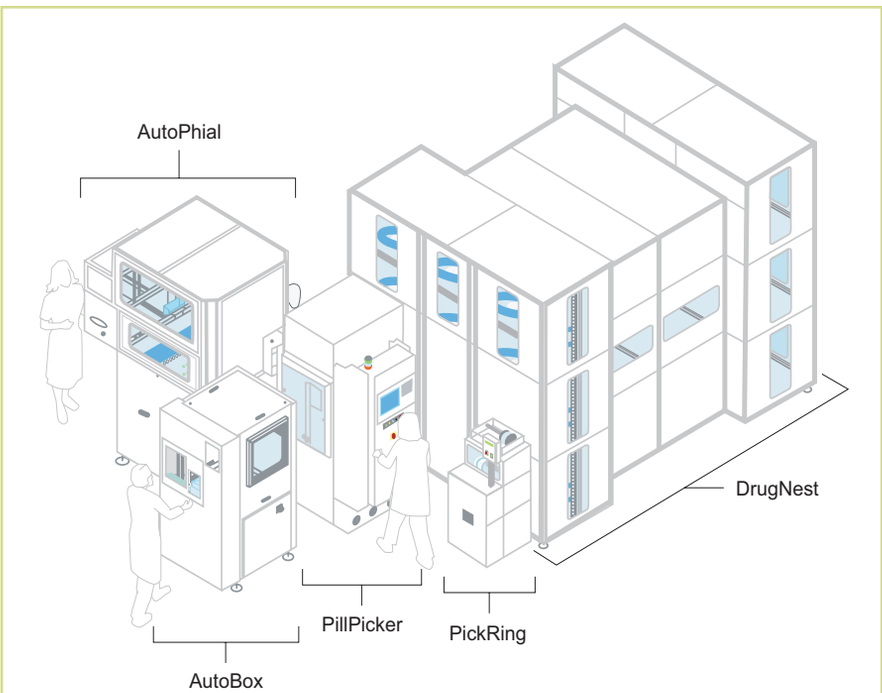
Right Patient, Right Drug, Right Dose, Right Route, Right Time

PILLPICK MANAGER

The system software (PillPick Manager) provides monitoring, reporting, diagnostics, inventory management and control of all system components.
The software integrates all modules in the PillPick System under a single application. The software interfaces with the pharmacy and/or the hospital information system for data transfer enabling routine cart fill, replenishment of floor stock or cabinet restock.



PILLPICK SYSTEM COMPONENTS



BoxStation

BoxStation is a password protected, medications container loading workstation for preparation of medication packaging, storage and dispensing. A lock prevents tampering with canisters (PillBoxes and PhialBoxes). Data is entered via the workstation into a database. A radio frequency (RFID) tag on each canister contains product and inventory information.

AutoBox

AutoBox is the automatic buffer module that loads and unloads canisters to and from the packager (PillPicker) without operator assistance. Canisters with radio frequency (RFID) tags are read to determine drug information. Database minimum/maximum values automatically identify quantity of unit doses required for packaging and restocking.

PillPicker

PillPicker packages, barcodes and labels medications into unit doses ready for automated dispensing and bedside verification. Products are packaged into a unit dose bag and labeled with a barcode and a unique serial number. Unit doses can then be dispensed from the packager or automatically loaded into the dispensing/storage robot (DrugNest).

AutoPhial

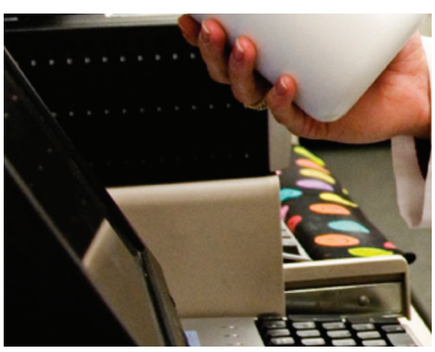
AutoPhial enables barcoded over-wrap of vials, syringes, ampoules and cups.
Through **BlisterCutter** device, the module also cuts blister sheets into individual doses and over-wraps.

DrugNest

DrugNest is a high-density robot warehouse for the automated storage of barcoded unit doses. The warehouse is automatically loaded from the packager (PillPicker), ready for unit dose retrieval and distribution to patient floors for individual patient administration.

PickRing

PickRing provides a 24-hour supply of barcoded patient medications and is automatically assembled onto a patented flexible ring with medications arranged in any sorting or grouping order desired; e.g., the order of administration (cart fill), cabinet specific (refills). Each PickRing contains a tag specifying each drug, administration time and other details.



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