

HEALTHCARE

THERAPICK™

AUTOMATED PACKAGING AND  
DISPENSING SYSTEM





## TOMORROW'S PHARMACY AUTOMATION, TODAY

### INEFFICIENCIES AFFECT OPERATIONAL COSTS AND PATIENT CARE

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Manual processes create inefficiencies, such as excess labor, mispicks, purchasing errors, product shortages and expired inventory.

Drug costs are increasingly being weighed against their treatment value and patient outcomes. Patients getting the wrong treatment result in significant costs for the hospital, not to mention the injury, additional treatment and longer hospital stay for the patient.

When caregivers are under pressure, the risk of error in assembling therapies is amplified and the risks of adverse drug events and medications errors increase. In Germany ADEs cause total direct costs of 1 billion euro per year.\*

### THERAPICK IS THE SOLUTION

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TheraPick is the new, versatile and configurable pharmacy automation solution for the packaging, storing and dispensing of medications in unit dose.

TheraPick is designed to optimize medication workflow and handling by nursing personnel at point of care, ultimately increasing patient safety.

TheraPick packages blistered medications into Blister Unit Dose (BUD) and other forms into Unit Dose (UD) bags to streamline hospital pharmacy operations, optimizing space and ensuring total transparency and complete traceability of medications. This not only provides greater safety at the point of care, but also minimizes waste and reduces operational costs.

\* Costs of Adverse Drug Events in German Hospitals - A Microcosting Study

D. Rottenkolber, J. Hasford, J. Stausberg; "Costs of adverse drug events in German hospitals-a microcosting study"; Value Health; 2012; 15(6):968-75. doi: 10.1016/j.jval.2012.05.007. Epub 2012 Aug 9.



## KEY FEATURES

### Unique Format for Blisters

- BUD covers up to 95%\* of blister types on the market
- The blister integrity is always preserved
- The information on the BUD is clearly readable and can be printed on both sides

### High-Performance System

- Highest storage density – in less than 10 m<sup>2</sup>, more than 40 000 unit doses in a real mix of formats can be stored
- Up to 1 000 doses dispensed per hour with one single Dispensing unit
- Self-learning cutting map generation, automatically saved for future use

### Flexible and Modular Structure

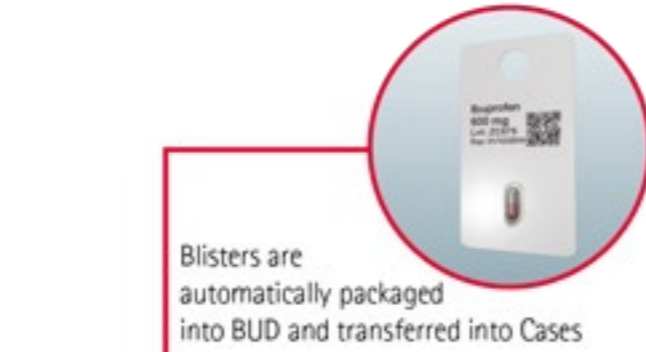
- Scales to meet the present and future needs of any healthcare institution
- BUD and UD bags managed by the same system ensure streamlined workflow
- Small, compact, patient-specific therapy in unit dose is presented in ring format, sorted per administration time

\* From recent field tests performed in Europe. Data may vary based on the formulary of each specific site.

## KEY BENEFITS

- Fully integrated solution reduces pharmacy workload dedicated to medication handling
- Compact storage saves pharmacy space for additional activities
- Reduces nurses workload to manage and administer medication via easy-to-handle unit doses
- Eliminates risks for errors in the dispensing phase
- Provides extensive collection of data with regards to medication usage

## INCREASED EFFICIENCY



Blister packs are automatically packaged into BUD and transferred into Cases



Other forms are packed into UD bags



BUD and UD bags are automatically stored in a high-density storage and dispensing system

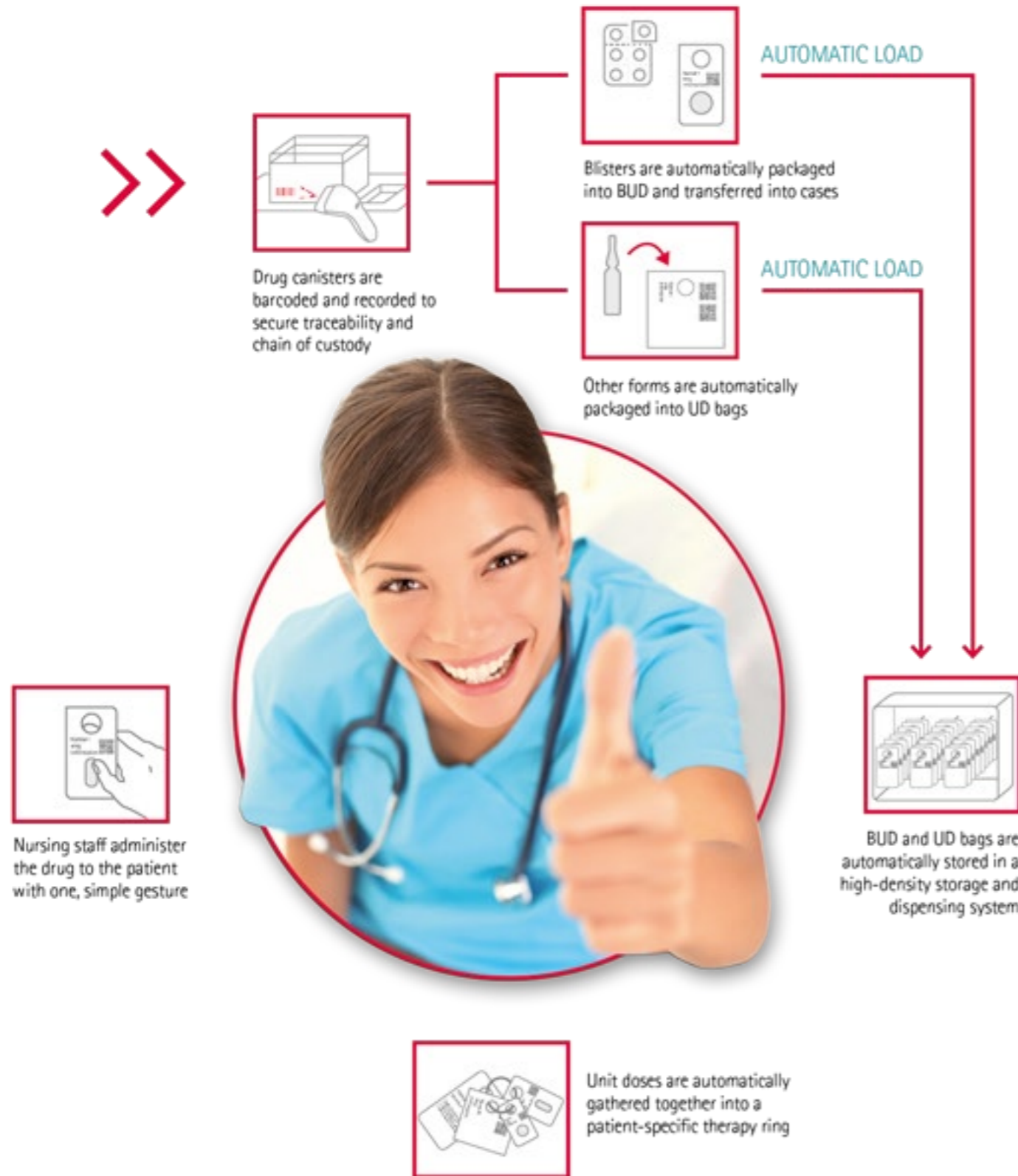


Unit doses are automatically gathered together into a patient-specific therapy ring

## ENHANCED QUALITY OF CARE

## BETTER PATIENT OUTCOMES

# THERE'S SO MUCH BEHIND ONE, SIMPLE GESTURE



# THERAPICK DELIVERS THE RIGHT DRUG IN THE RIGHT DOSE AT THE RIGHT TIME. IT'S THAT SIMPLE!

TheraPick is a modular, flexible and high-density storage system that adapts to meet your hospitals' unit dose packaging needs. It's a unique system from the proven global provider of pharmacy automation systems for medication management.

Drugs are barcoded and recorded before being loaded into TheraPick to secure traceability and chain of custody. The TheraPick Blister Packager automatically creates BUD that are then automatically transferred into Cases. The TheraPick Bag Packager automatically loads other drug forms into unit dose bags. The cases containing BUD and UD bags are automatically placed into high-density storage.

Once TheraPick receives a prescription order, it automatically collects the unit doses in chronological order and dispenses the necessary drugs in a patient-specific ring, ready to be administered to the patient by a nurse. TheraPick also can receive ward stock/automated dispensing cabinet (ADC) orders and dispense full cases or single doses bound in a ring as needed.

Unused drugs returning from the ward can be reloaded into cases and restocked through the case loading window and recredited to pharmacy stock in real-time.

Swisslog healthcare automation delivers security and visibility from warehouse to patient bedside by integrating medication management, material transport and supply chain solutions.





# SWISSLOG HEALTHCARE DELIVERS MEDICATION SUPPLY CHAIN SOLUTIONS AND SERVICES THAT INCREASE EFFICIENCY AND ENHANCE THE PATIENT EXPERIENCE IN FORWARD-THINKING HEALTH SYSTEMS.

Swisslog Healthcare, part of the KUKA Group, designs, develops and delivers best-in-class automation solutions for forward-thinking health systems.

Swisslog Healthcare is part of a global organization with 2.500 talented employees in more than 20 countries on four continents and customers in more than 50 countries. Headquartered in Buchs/Aarau, Switzerland, the Swisslog group is organized into two business units, Healthcare and Logistics Automation.

With a consolidated presence in different countries, Swisslog Healthcare delivers best-in-class automation solutions that increase efficiency and enhance the patient experience. Swisslog drives customer value by improving workflows and reducing the time pharmacists spend doing routine and repetitive tasks – giving them more time to care for their customers. Our automation solutions reduce the labor necessary to manage and move materials within healthcare systems and eliminate opportunities for errors in medication management.

CONTACT US FOR ADDITIONAL INFORMATION ABOUT OUR  
TAILORED AUTOMATION SOLUTIONS

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