



Automated Medication Management

antares Clinical Distribution Center, Hamburg, Germany

Continuous growth and demands in healthcare prompted the owners of the antares clinical distribution center to automate their clinic stock control processes.

Implementing an integrated approach means that output times can be reduced and staff deployment optimized. The concept consists of two Rowa Vmax™ systems for slow and medium-selling items, one S-Pemat from Schäfer for fast-selling items as well as mobile terminals for manual storage and retrieval. All of this combined with conveyor systems, scanners and readers allows for intelligent expiry date tracking with a low manual input requirement and permanent inventory.

Facts & Figures

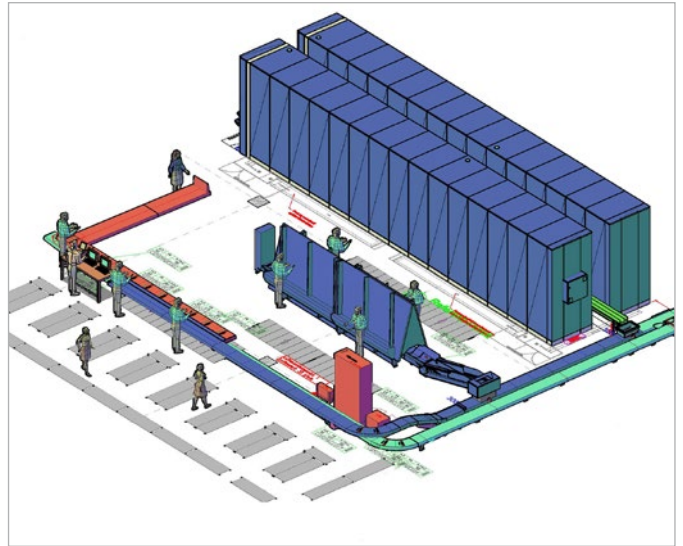
Supply of approx. 7800 beds in northern Germany

2 Rowa Vmax systems (15 × 3.5 × 1.6m)
90,000 packs storage capacity / Approx. 1,600 items in the Rowa / Approx. 40% of order lines

S-Pemat / 148 channels, can be extended
Approx. 140 items (fastsellers) / > 5,000 packs storage capacity / Approx. 40% of order lines

Manual storage and retrieval from shelves via mobile terminals / Approx. 350 items / Approx. 20% of order lines

120 orders, 3,000 packs/day



Optimized processes

The medicines are input by means of a scanner, which rejects incorrectly declared goods. Both implemented Rowa Vmax systems output up to 750 packs per hour at current capacity levels with higher values possible depending on order structure and conveyor system.

The output is documented via video. The boxes are assigned to the respective orders on the basis of a barcode, which is attached to the boxes and recorded by means of readers along the conveyor belt. Delivery notes are printed immediately after the order is completed, with label printing including station and

delivery address integrated in the system. Medicine stocks are checked on a daily basis by reconciling the target and actual stock levels in the Rowa Vmax systems.

Enhanced efficiency

- Splitting of orders into a number of containers
- Container tracking
- Dispatch without containers (e.g. in original box or bag)
- Several storage locations are possible per item



“Output times have been reduced by 3 hours while staffing levels for clinic stock control have been halved. Our competition strategy is focused on quality and we are meeting the challenges that arise in healthcare with forward-looking concepts. That makes us proud!”

Thomas Hintz, Pharmacist and Owner of antares clinical distribution center

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