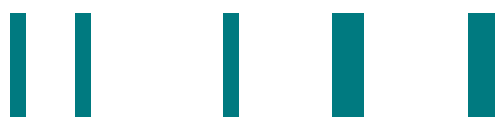


DIGITAL SOLUTIONS FOR HEALTHCARE SUPPLIERS



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LAGERTECHNIK

Digitalised supply of medicines and medical devices in hospital settings

Logistics in the healthcare sector is under pressure due to rising patient numbers, a shortage of qualified staff and stricter regulations. Medicines must be supplied quickly, safely and in accordance with defined conditions. Digital, sensor-based solutions help to increase efficiency, reduce risks and ensure quality throughout the entire supply chain.

Key features

- Tracking of all medicines, medical devices and ward requests – including batch and movement data
- Automated goods-in and goods-out processes for pharmacies, central warehouses and wards – automatic reordering
- Customisable workflows & event-based triggers (e.g. for emergency medication or priority ward deliveries)
- Proactive monitoring with automatic alerts in the event of anomalies (e.g. delivery delays, misrouting, temperature deviations)
- Key performance indicators for lead times and process quality
- Support of FIFO principles to ensure the quality of medicinal products



Digitalising this process offers the following benefits:

No manual relabelling

Information regarding contents, batch number, expiry date and destination is automatically updated throughout the system

Maximum transparency & traceability

Each storage/shipping box is given a unique ID – completed by a timestamp, movement monitoring and an audit trail (GDP-compliant)

Automated, low-error processes

Goods receipt and dispatch without scanning or paperwork, resulting in fewer errors and a reduced workload for pharmacy and care staff

Early detection of supply chain disruptions

Immediate notification in the event of delays, incorrect deliveries or discrepancies – including comprehensive documentation

Prioritised and zone-based supply

Critical areas such as operating theatres, intensive care units and A&E departments are supplied in a selective and prioritised manner

Digital proof of delivery

Audit-proof, transparent and fully documented – essential for regulatory compliance

Hygienic and robust system solution

Suitable for cleanrooms, sterile areas and sensitive hospital environments requiring the highest standards of hygiene

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Digitalised supply of medical devices and care products in nursing and outpatient care

Material supply is facing increasing pressure as medical devices and care products must be provided quickly, safely and in line with demand. Digital solutions help to ensure greater efficiency, reduce risks and guarantee a reliable, demand-driven supply.

Key features

- Demand assessment for medicines and consumables using sensors (e.g. weight measurement) or manual triggering via smart labels
- Automatic order placement with the hospital pharmacy, central procurement or directly with pharmaceutical suppliers through interfaces
- Real-time visibility of stock levels, batches and order status via displays and LED indicators directly at the storage position
- Ongoing documentation of consumption and real-time stock tracking from a central dashboard
- Automated order monitoring, including delivery status and shipment tracking
- Seamless integration with hospital IT systems (e.g. ERP, inventory management, HIS)
- Suitable for automated supply systems (e.g. goods-to-person) as well as for manual order picking in pharmacies and wards



Digitalising this process offers the following benefits:

Reduced administrative workload and ordering costs
thanks to automated processes

Consolidation of all medicines, medical devices and suppliers
on a single central platform

Demand-driven and secure supply management using the e-kanban system
– also suited for critical medications

Transparent overview of stock levels, consumption, batches and suppliers
on a central dashboard

Reduced costs by minimising stock levels
and avoiding excess stock

Improved reliability of supplies and prevention of shortages
in essential medicines

Compliance with regulatory requirements
(e.g. batch traceability, documentation requirements)



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