



INTEGRATED PHARMACY SUPPLY CHAIN SOLUTION

TECSYS Healthcare's integrated healthcare supply chain platform features a proven and robust medication management solution for consolidated service centers; building on this foundation, TECSYS Healthcare is extending its pharmacy supply chain solution all the way to dispensation at the point of consumption.

Extending its pharmacy solution to the point of consumption will ensure that efficient automated processes can be deployed throughout the pharmacy supply chain, allowing for healthcare institutions to fully recover avoidable expenses sustained in the management and dispensation of medications, while preserving accuracy and timeliness.

**Streamline
pharmacy-related tasks**

**Control pharmacy
spend**

**Reduce medication
waste**

Challenges

The healthcare industry is undergoing an unprecedented wave of mergers and acquisitions; the resulting consolidated hospitals and health systems are facing a new set of business challenges in managing an already complex pharmacy supply chain. Considering drugs and medications account for the second-largest portion of a hospital's supply spend, mismanagement is an expensive liability, and the challenges are intensifying.

- Lack of inventory visibility leads to stockpiling, excess inventory, stock outs and expired medications
- Disparate and non-standardized systems and processes impede effective multiple-site management and prevent intra-site staff transfers
- Highly-compensated pharmacists engage in logistics activities like purchasing, inventory management and data maintenance rather than direct clinical support
- Increased traceability regulations demand integrated track and trace capabilities

Key Benefits

- Effectively manage inventory:
 - Manage the one-to-many relationships needed to calculate inventory quantity and value of a drug when multiple NDC numbers are purchased for the same medication
 - Transfer and rebalance inventory to reduce waste, stock outs and expired medications
 - Increase stock turns to reduce inventory carrying costs and the risk of expired products
- Establish a single entry point to all pharmacy supply chain transactions and databases, ensuring a seamless information flow by interfacing with key systems (pharmacy information systems, financial systems, automated dispensing cabinets as well as any non-standardized vendor order entry systems)
- Gain visibility to inventory across the entire system, including medications in transit or stored inside automation technologies such as carousels and dispensing cabinets
- Access information from stationary computers and mobile devices
- Comply with track and trace requirements by efficiently tracking lot number and expiration date as well as full product pedigree in accordance with DSCSA regulations including pharmaceutical sales and transfers to non-affiliated facilities
- Support centralized packaging operations:
 - Reduce the need for equipment and packaging activities at every facility
 - Reduce labor engaged in packaging operations
 - Improve quality control of packaging operations ensuring delivery of the right drug for increased patient safety
- Support the compounding process of IVs
- Capture all applicable information required for the federal government's 340B drug discount pricing program
- Integrate and enhance pharmacy workflows that effectively support all pharmacy organizational models regardless if they are centralized, decentralized or hybrid
- Mitigate liability risk through barcode scanning and verification where appropriate, from receiving to picking and checking of medications
- Optimize internal returns process
- Reduce risk of diversion
- **Unburden pharmacists from logistics tasks so they may engage in clinical activities to improve patient outcomes and reduce readmissions**

New opportunities

for revenue and growth with TECSYS' integrated pharmacy supply chain solution:

Move beyond the hospital walls to support patients in outpatient facilities, clinics and the community.

Expand outpatient pharmacies to ensure patients leaving the hospitals fill their prescriptions, to aid recovery and avoid readmission.

Create mail-order pharmacies to deliver needed medications to the patient community as a new revenue stream.



TECSYS Healthcare's expanded pharmacy solutions provide clinical support tools that streamline pharmacy-related tasks, reduce medication waste and control overall pharmacy supply chain costs. By improving supply chain accuracy through centralized order processing and inventory management, TECSYS Healthcare seeks to support better management of this highly strategic hospital expenditure, and strengthen **fulfillment at work**.

