Solution Overview:

STANLEY Healthcare SpaceTRAX®

The SMART Solution for Point of Use to Reduce Costs, Optimize Inventory and Improve Patient Care

Challenges

Healthcare organizations can’t change what isn’t measured. In procedural areas, clinical inventory management is a complex and time consuming process. Having visibility and analytics for their on-hand inventory is critical to understanding supply spending and procedural care.

- Do staff members spend time in non-value added activities such as counting and managing inventory?
- How is patient safety ensured against expired and recalled inventory?
- When are supplies going to expire?
- What is total inventory value and can it be reduced while still supporting clinical needs?
- Is consignment inventory proportional to owned inventory?
- Where are the purchasing trends?
- Which vendors should be negotiated toward better contracts?
- How can total supplies spend be reduced?

With access to reliable, real-time information, hospitals are able to make quality decisions that ultimately impact budget, performance and outcomes. For hospitals that are still manually documenting these processes, they face the challenges of higher labor costs, lack of visibility into inventory, overspending and patient safety issues.

Solution

STANLEY Healthcare’s SpaceTRAX® Point of Use is a user-friendly clinical inventory solution designed for procedural areas (IR, OR, Cath Lab, EP, GI/Endo) that helps manage all inventory items with barcode technology. It provides “point of use” data and visibility into on-hand inventory and usage patterns. SpaceTRAX gives hospitals and IDNs the ability to automate inventory processes with new capabilities to negotiate with vendors, manage consignment, minimize overstock items, and save money. Additionally, it reduces the risks for delayed procedures/cases due to product expiration, misplaced items and stock-outs. Reducing the time staff spends on handling supplies and ensuring needed items are always available promotes staff satisfaction and overall patient care.

Benefits

- Reduces overall inventory cost
- Optimizes inventory by managing par levels based on actual usage, reducing “just-in-case” purchasing
- Improves patient care by proactively managing product expiration dates
- Minimizes or eliminates expedited shipping costs
- Increases staff productivity and satisfaction by reducing manual tasks and search time
- Drives process improvements and proactive management with reporting and dashboard tools
- Proven ROI through inventory level optimization, waste elimination and cost reduction
How It Works

SpaceTRAX is a web-based inventory management solution that seamlessly links clinical supplies to physicians, patients, and procedures, increasing charge capture and improving outcomes—all in real time. Information is available on a single dashboard with powerful reporting capabilities which provides visibility to make quality decisions and better control over-supply costs, reordering and waste.

1. **Inventory Management:** Easy-to-Use user interface supports full suite of required clinical inventory management business processes including charge capture per patient, procedure and staff, expirations, reordering and order fulfillment, par level management and optimization, loaned inventory, consignment management and bulk buys, reporting and analytics.

2. **Item Management:** Able to track various item attributes through the manufacturer’s barcode including lot, batch, serial number and expiration dates.
   - Enhanced expiration date management is Unique Device Identification (UDI) rule compatible
   - Automatic alerts prompt user on any transaction performed with expired items to increase compliance and patient safety
   - Separate pull date management allows hospital-specific configuration of pull dates and alerts

3. **Global Items Database:** Standardized Item Database for over 150,000 global products.
   - Enables rapid deployment, efficient item standardization, and item master maintenance
   - SpaceTRAX professionals continuously update and maintain Global Database

4. **Data Capture:**
   - Capture managed inventory data via barcode scanning or manual entry
   - Provide flexibility in business processes and allow increased clinical staff compliance

5. **Case Management:** Inventory, patient, staff and clinical attributes are all collected to promote charge capture, compliance and optimizations.
   - Out-of-the-box collection of patient details
   - Staff and room management
   - Procedure management, ICD-9/ICD-10 compliant
   - Capture clinical and procedural information—such as case duration, room vacant time, implant time—on top of the inventory management data.
   - The combined data can be later used for room utilization optimization and documentation mandated by different regulations.

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**Real Results**

A three-room IR department within 12 months of implementation:

- $637,000 of savings in department supply cost
- $98,000 of expired product traded for full credit
- $200,000 of overstock reductions
6. **Business Analytics Tools & Alerts:** SpaceTRAX provides real-time information to make informed decisions around process improvement and patient safety.
   - Canned reports including insights on inventory usage, procedures, inventory valuation, items, issues, and more
   - Robust report customization service
   - Automated alerts for reordering, expirations, and missing item data

7. **Users & Permissions Management:** SpaceTRAX complies with Health Insurance Portability and Accountability Act (HIPAA) regulations offering simple yet secure permissions management:
   - Designated administrator can easily assign User Groups with various levels of controlled access
   - Across-the-board access control to sensitive Electronic Protected Personal Information (ePHI) and pricing data
   - Organizational hierarchy allows users’ overview of multiple inventory-managing departments per campus, hospital or region

8. **Integrations/interfaces:** Robust platform for integrating SpaceTRAX with virtually any legacy system to automate essential clinical inventory management processes.
   - Comply with industry Secure File Transport encryption standards including HL7/MLLP, XML, FTPS, SFTP, web services and more
   - Supported business processes include:
     - Patient billing
     - Patient registration (ADT)
     - Master item synchronization
     - Inventory consumption in 3rd party system
     - Item requisition

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**Solution Highlights**

- Fully web-based SaaS application accessible everywhere with minimal IT involvement
- Single scan of manufacturer’s barcode to track expiration data, lot and serial number
- Integration ready with standard interfaces for billing, patient information, item master, purchasing and consumption
- Works with any existing storage units and easy to maintain
Solution Benefits

- **Optimize Inventory Levels, Eliminate Waste and Reduce Costs:** With access to real-time information, efficiently control inventory levels by utilizing par levels, expiring product management and ‘like’ product consolidation. Transform captured data into insightful directions for vendor negotiations, consignment levels and bulk buys.

- **Reduce On-Hand Inventory:** Existing customers have seen a 10%-25% reduction in on-hand inventory within the first 90-270 days, realizing an average savings for a two-room department of $45,000-$125,000.

- **Eliminate Zero Use Items:** Quickly identify items with little or no use to reduce unneeded inventory.

- **Maximize Charge Capture:** Increased staff compliance with scanned items for a case easily interfaced directly to billing systems resulting in 1%-5% increase in charge capture.

- **Proven Savings:**
  - 5%-15% Reduction of on-hand inventory
  - 10%-30% Reduction of labor cost to track inventory
  - 50%-100% Reduction in expired item cost
  - 1%-5% Reduction in lost charges
  - 1%-3% Increase in vendor discounts

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**About STANLEY Healthcare**

STANLEY Healthcare provides over 5,000 acute care hospitals and 12,000 long-term care organizations with enterprise solutions that transform safety, security and operational efficiency. The STANLEY Healthcare solution set enables customers to achieve organizational excellence and superior care in five critical areas: Patient Safety, Security & Protection, Environmental Monitoring, Clinical Operations & Workflow and Supply Chain & Asset Management. These solutions are complemented by consulting, training, implementation and integration services. STANLEY Healthcare is proud to be part of Stanley Black & Decker, Inc. For more information, visit [www.stanleyhealthcare.com](http://www.stanleyhealthcare.com).