Elite™ Healthcare POU
Specialty Item Management

tecsys™

Clinical staff should be focused on patients — not inventory.

The Challenges

Clinical personnel tend to be very involved in point of use processes in specialty areas such as OR, Cath Lab and IR. These staff members are often responsible for managing high-cost item inventories, but lack the right tools to accomplish this task effectively. Because of this, material management staff can't develop an accurate overview of demand — and clinicians spend too much time on inventory. Point of use automation represents a significant opportunity to achieve quantifiable gains by improving workflows, streamlining traceability processes and redeploying valuable clinical resources.

This is possible by addressing the following problems:

Inefficient supply management / inaccurate or unavailable inventory.

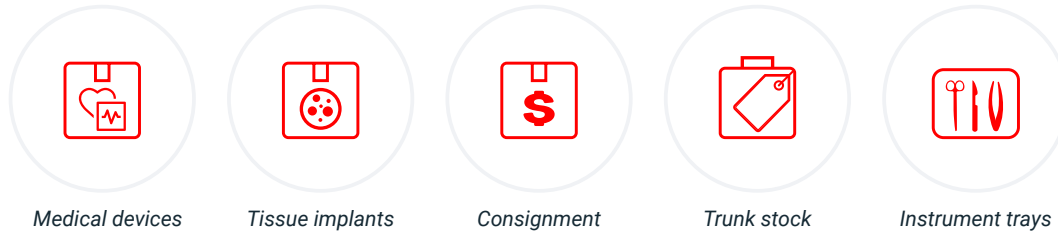Lack of traceability for unique device identifiers (UDIs).

Time-consuming, manual data entry that wastes clinicians' time.

Imbalances in inventory and consignment liability.

Incomplete consumption data that leads to inaccurate demand and lost revenue.

Perpetual Inventory Management and Traceability

Through the resourceful use of RFID and barcode technologies, the Tecsys Elite™ Healthcare POU solution allows you to track and trace any type of item from receipt to utilization during a procedure. It automates the management of high cost specialty item used in procedural areas (OR, Cath Lab, IR, etc.), requiring unitary traceability for:

Medical devices	Tissue implants	Consignment	Trunk stock	Instrument trays

Tecsys eliminates the need for manual processes by automating replenishment, item-level traceability, UDI capture and case-costing activities. This makes it possible to achieve complete visibility of critical specialty items. It also facilitates collection of all relevant information, including UDI, serial/lot numbers and expiration dates as well as more specialized data like temperature for tissue implants and sterilization lots for instrument trays.

Now you can establish complete chain of custody tracking and access information about the inventory of these supplies, their replenishment, and expiration dates as well as consumption levels by product, physician and procedure type.

Item 539745093 transferred from supply room 435

Item 539745093 picked by nurse 2348

Item 539745093 utilized on patient 3455

Data Capture and Tracking Technologies

Process efficiency and automatic tracking of product movement and usage is possible through RFID and barcode integration. Tecsys smart and barcode technologies can track when products are delivered to the appropriate department for storage as well as when they are consumed. Our Elite™ Healthcare POU solution eliminates time-consuming manual processes and provides real-time tracking of product movement in addition to inventory visibility across the front line of service.

RFID panel: the only RFID-enabled two-bin system to integrate a fully dynamic visual system.

RFID portal: the most cost-effective RFID system to track the movement of high-cost items.

RFID cabinet: leverage real-time tracking and monitoring of inventory.

RFID wand: allows you the perform efficient and rapid RFID cycle count.

Mobile technology: workflows built for healthcare with barcode technology.

Bill-only and Consignment Management

For consignment, trunk stock items and vendor managed inventory, the Tecsys Elite™ Healthcare POU solution gives you a new level of control. It empowers you to automate requisition generation, facilitate inventory reconciliation with suppliers and gain visibility into the inventory vendors store in your facility. For clinical case documentation activity, it helps clinical staff capture UDI product information and track the usage of the trials and one-time usage items.

- Provide visibility on utilization and automate UDI capture.
- Automate PO generation and simplify recognition of invoices.
- Provide visibility into the inventory stored by vendors.

Recall Management

Item-level traceability to patient to ensure that all supplies or implants, known or unknown, used during a procedure are properly and easily captured in our system.

Alerts during case consumption to prevent all usage of recalled products by manufacturer to ensure patient safety.

Inventory visibility to easily retrieve the recall products stored in your facility and if it was used, precisely identified on which patient it was implanted on.

Integration with recall database to get real time notifications preventing usage and improving patient safety.

Clinical Interoperability and Case Consumption Documentation

Integrated seamlessly with your EHR
and other clinical systems, the Elite™
Healthcare POU solution simplifies materials
documentation and case consumption capture.
This helps you avoid disruptions in clinical workflows,
capture UDI effortlessly for intraoperative supply usage
and eliminate any double-entry processes. Cost savings and
patient safety are achieved through a fully automated information
flow with your EHR in which supply usage and item-level traceability
to patient are captured, tracked and measured for business intelligence.

Just-in-Time Inventory Management and Business Intelligence

Elite™ Healthcare POU gives hospital managers and administrators extensive, reliable utilization
data, as well as the means to analyze and act on this information. The application provides
business intelligence, key metrics and analytics tools that leverage accurate, real-time data.
This makes it easy to monitor and improve supply chain performance on an ongoing basis. Our
software enables hospitals to become significantly more efficient at the point of use and across
daily supply chain operations. You'll benefit from:

- Automatic replenishment and alerts
- PAR optimization
- Expiration management
- Understand product utilization
- Real-time case costing
- Track inventory spend

Benefits

Patient Safety Gains	• Avoid using expired products on patients. • Gain unitary traceability-to-patient for recall management. • Support regulatory compliance for UDIs.
Clinical Staff Gains	• Free up nursing time. Relieve staff of time-consuming logistics tasks. • Eliminate the need to manually transcribe data and rectify errors. • Facilitate product recall management.
Support Staff Gains	• Simplify the reconciliation of invoices and inventory. • Reduce internal reordering process time. • Minimize manual processes and risks associated with inaccurate data.
Product-Related Gains	• Achieve end-to-end traceability and chain of custody. • Eliminate stock waste due to expiration and avoid expense write-offs. • Reduce on-hand inventory value and the costs associated with product loss.

Elite™ Healthcare POU

Designed specifically for the healthcare industry, Tecsys' Elite™ Healthcare POU solution is the only point of use material management offering on the market which reconciles every type of material and supply environment found in a hospital. Tecsys system was designed to accommodate the different material flows in various hospital service areas based on item value, traceability requirements and status in a case-managed environment. This differentiated approach facilitates customization of the supply chain while significantly improving productivity and lowering process cost per item. The goal is to enable clinical staff to spend more time on patient care and less time managing inventory.

About **Tecsys**

Since our founding in 1983, so much has changed in supply chain technology. But one thing has remained consistent across industries, geographies and decades — by transforming their supply chains, good organizations can become great.

Our solutions and services create clarity from operational complexity with end-to-end supply chain visibility. Our customers reduce operating costs, improve customer service and uncover optimization opportunities.

We believe that visionary organizations should have the opportunity to thrive. And they should not have to sacrifice their core values and principles as they grow. Our approach to supply chain transformation enables growing organizations to realize their aspirations.

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