



# Elite™ Healthcare POU

## Perioperative Supply Chain





## Benefits

Improve margin performance

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Optimize preference cards

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Reduce inventory value and wastage

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Free up operating room time

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Capacity to manage evidence-based PPI  
standardization

## Tecsys Perioperative Supply Chain

Tecsys is all about giving you visibility and control over your operations and making your supply chain more efficient. Our Elite™ Healthcare POU solution automates your case picking and logistics activities right inside your procedural environments. Additionally, it enables you to better coordinate and manage physician preference cards, which optimizes case management functions and reduces costs by eliminating unnecessary waste. Integrated with your other systems, our technology feeds information where it adds value and eliminates redundant data entry wherever possible. The Elite™ Healthcare POU system captures costs more accurately and with less involvement from your clinical staff, giving them their valuable time back to focus on patient care.

## Complementary Value to Your Clinical and Financial Systems

Tecsys adds supply chain functionality and provides complementary value to your current ERP and EMR systems.

Connecting your clinical and financial systems to Tecsys feeds new data streams into your case documentation and breaks down your OR department's inventory data silos into a common and centralized platform.





## Enhanced Inventory Management

Inventory practices and data capture methods are based on the type of inventory being managed. In an OR, accurately picking for cases and precisely capturing the cost of all items used during clinical activities is extremely important. Tecsys helps you achieve this by integrating and automating your materials management and case costing processes. Not only is this more efficient, it also means your clinical caregivers spend less of their valuable time involved in inventory management.

### Inventory Managed



# Case Planning, Inventory Management and Case Picking

The Elite™ Healthcare POU solution allows you to itemize the required supplies for each case and easily manage the preparation of case carts. Resource allocation is performed for every case cart, giving you full visibility into your inventory requirements and demand.

Taking into account your perioperative schedule and case picking flow, the system adjusts the picking routes and greatly shortens the overall picking time, guiding you through the process using mobile technology.

## Planning and preparation

- Allocate enough material resources to avoid shortages and delays.
- Oversee case material demand planning.
- Access case picking status dashboard anytime.
- Control vendor-managed inventory.

## Inventory management

- Optimize inventory management for appropriate inventory levels.
- Visibility across owned and consigned to prevent stockouts leading to delays and cancellations.
- Facilitate expiration and recall management preventing safety issues and wastage.
- Easy reconciliation of invoices for bill-only/trunk stock items and automate PO generation.

## Case picking

- Carry out guided picking activities.
- Assign case carts for full-cycle inventory movement visibility.
- Use mobile devices preventing picking mistakes.
- Optimize picking flow.



# In-case Consumption and Item-level Traceability

The Elite™ Healthcare POU solution, integrated with your EMR/EHR, simplifies materials documentation and data capture through technologies to avoid disruptions in your clinical workflows, effortlessly capture your intraoperative supply usage and eliminate any double entry processes.

Cost savings and patient safety are achieved through a fully automated information flow in which your supply usage and patient traceability are captured, tracked and measured for your business intelligence. The immediate impact is that your clinical personnel are no longer encumbered by manual tasks. The long-term impact is better visibility, more consistent consumption capture and excellent compliance mapped to existing clinical workflows.

## Key capabilities

- Collect supply usage data and trigger demand requisitions automatically without manual transcriptions or double-entry documentation.
- Preserve your current workflows through flexible and non-intrusive process adaptations and integration.
- Reallocate clinical time being spent on inventory-related tasks to more value-added tasks.
- Reduce charge discrepancies and improve charge reconciliations by simplifying and streamlining your user interface.
- Lower expense write-offs by automating supply usage capture for reimbursable products.
- Reduce the costs associated with product expiration, loss and complex invoice and inventory reconciliation processes.
- Face new and emerging interoperability requirements with a solution designed to scale with you.

## Case consumption documentation

- Seamless EMR/EHR integration.
- Single point of data entry, no double scanning.
- Intuitive case documentation user interface.
- Multiple data capture technologies.
- Universal barcode recognition.

# Returns and Optimization

**The Elite™ Healthcare POU solution reduces the number of steps in capturing and returning unused items by automating the process wherever possible.**

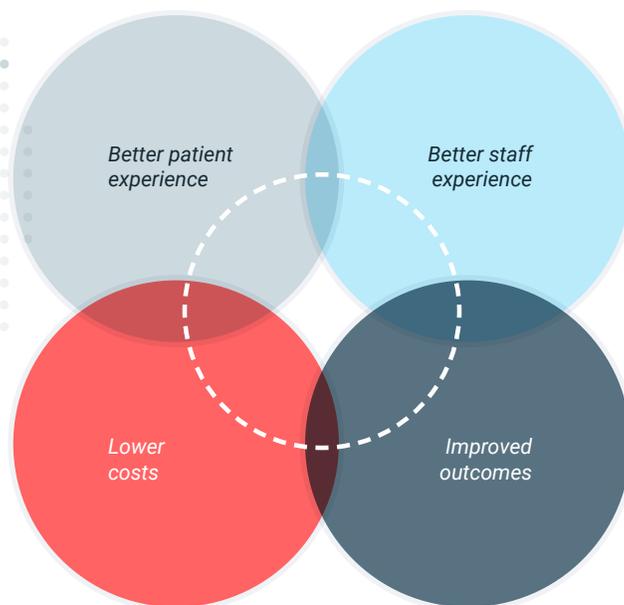
Having fewer steps not only increases efficiency, it reduces the risk of errors and it accurately closes the case costing loop to give you as close to an exact cost for your procedures as possible. In addition to case costing accuracy, properly tracking returned items lets you identify patterns in those returns. Over time, the statistics gathered can produce meaningful and fact-driven analytics that contribute to per-procedure and per-physician insights, preference card optimization and fewer unnecessary pick and return cycles, all while minimizing time spent on process and data collection.

## **Return of unused items**

- **Simplify the return activity.**
- **Identify what is truly returned vs. wasted vs. soiled.**
- **Get real-time updates to your picking lists.**
- **Return unused items following guided protocols.**

## **Optimization**

- **Accumulate data for fact-driven analytics for case costing.**
- **Feeding data toward preference cards and PPI optimization.**
- **Optimized OR preference cards driving fewer returns and urgent orders.**
- **Optimized case picking route for faster picking without mistakes.**



# Business Intelligence and Analytics

## Operational

Preventing products from passing their expiry dates and managing product recalls more easily are keystones of Tecsyst's Elite™ Healthcare Analytics solution. Real-time dashboards and technology with built-in alerts and notifications take proactive and preventative steps to make sure the right people have the information they need to make smart decisions about what supplies to use and when:

- Get a pulse of on-hand inventory levels across your OR department.
- Prioritize the use of supplies based on expiration.
- Identify recalled items and quickly remove them from your shelves.
- Use guided protocols and notifications to lower your dependence on the specific product and storage location knowledge of employees.

## Case Costing and Preference Cards Optimization

Elite™ Healthcare Analytics aggregates data over time so that you can benchmark the cost per procedure – and ultimately, per patient – precisely and without clinical interruption. Because the solution captures all case-related information, including exact pick, usage and return data, it enables fact-driven preference cards optimization and exceptional case costing accuracy.

- Identify physician case costing trends against a procedure or other physicians.
- Enable fact-driven preference cards utilization.
- Insights on physician preference item standardization.
- Access analytics that go beyond the inventory service line:
  - *Actual month over month cost.*
  - *Actual cost per physician.*
  - *Actual cost per case.*
  - *Actual cost per procedure.*
  - *Time period comparisons and monthly variance.*



**Tecsys enables fact-driven  
preference card optimization  
and exceptional case costing  
accuracy.**

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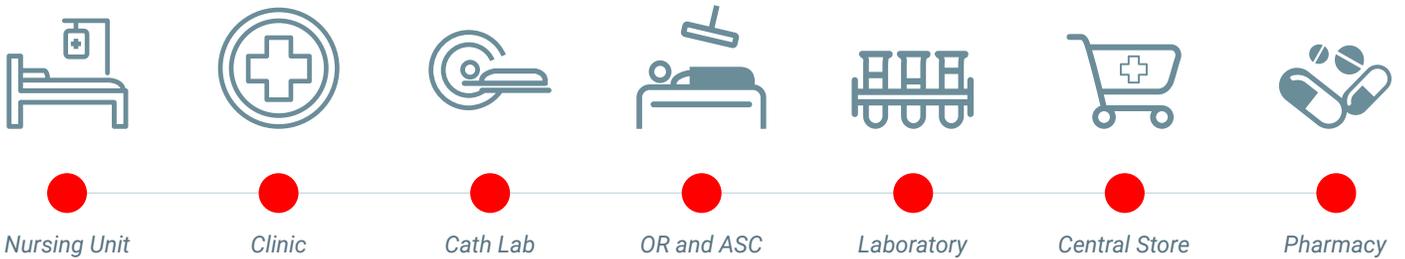


**Tecsys provides specific solutions tailored to different areas of the hospital while connecting all systems, both proprietary and third party, to enable our clients to gain a global view and manage their many locations as one entity.**

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# One Consolidated Platform

Healthcare organizations need to be able to choose point-of-use inventory solutions that respond to each department's needs, but also have a centralized platform for inventory management. Our approach is to combine both.



**Elite™ Healthcare solutions respond to your inventory needs and clinical requirements in one supply chain platform.**

## 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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