Elite™ WMS for
Healthcare Distribution

tecsys™

"

"Tecsys' suite of software brings government and commercial best practices to your doorstep. It will revolutionize how business is conducted. The return on investment is solid. If you are looking for innovation to become a frontrunner in the industry, then you should look at Tecsys' portfolio of products. I did look and did not find anyone with the same depth and breadth of a superior warehouse management system solution as Tecsys Elite™."

Donna Van Vlerah
Senior Vice President, Support Division
Parkview Health

Your warehouse operation is your most valuable asset in delivering on your customer promises and achieving a high level of customer satisfaction. In today's world, a combination of best practices and platform technology helps world-class healthcare distributors achieve market differentiation, eliminate inefficiencies, improve order accuracy, reduce operating costs and attain high levels of service. Undoubtedly, your warehouse is more critical than ever.

Your Warehouse – Your Most Valuable Supply Chain Asset

Your Challenges

Mounting pressure from growing volatile demands, regulations like DSCSA serialization and constant changes in economic conditions.

Supplies must be delivered with the highest efficiency and productivity, all at the lowest possible operating cost.

Inventory fluctuation, budget cuts and staff reductions ratchet up the need to do a lot more with less.

Expectation to be both agile and flexible, quickly and effectively responding to customers and market changes.

Unproductive technology or cumbersome processes must be replaced. They'll stand in the way of reaching the highest KPIs for your supply chain.

Your Objectives

Weather the external disruptive forces.

Significantly improve warehouse efficiency with a fulfillment cycle under 24 hours.

Attain the highest level of service while substantially reducing operating costs.

Execute on what makes you different and become more competitive.

Cater to the next generation workforce with modern technology.

Tecsys can help.

Elite™ WMS for Healthcare Distribution

Turning Your Biggest Asset into Your
Most Powerful Competitive Weapon

For more than four decades we have helped hundreds of leading organizations solve their unique warehousing and distribution challengeschallenges — landing us in the Gartner® Magic Quadrant™* for Warehouse Management Systems for the last 12 consecutive reports.

Since our founding, we've been lauded by a stream of renowned organizations that have adopted our solutions. Among them: Lifescience Logistics, Humana, Optum, Cardinal Health, DCI, LeeSar and many others.

* Gartner® Magic Quadrant™ for Warehouse Management Systems By Simon Tunstall, Dwight Klappich, Rishabh Narang, Federica Stufano, 8 May 2023.

> **"Tecsys' visual logistics technology allows users to perform sophisticated tasks in their supply chains without any delays, a feat that is not possible with competing WMS technologies. It is also the only solution in the market that allows users to adapt and personalize the WMS according to their specific and ever-evolving needs."**
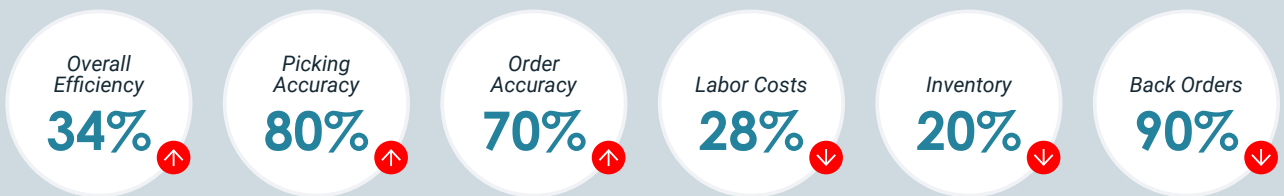
Frost & Sullivan

Elite™ Healthcare WMS
Brings Game-Changing Improvements

Elite™ healthcare distribution WMS carries the weight of decades of warehousing best practices and hundreds of implementations in a variety of industries. That means significant improvements in key warehouse metrics that can be realized quickly.

Performance Improvements* experienced by Elite™ WMS Customers:

Overall Efficiency	Picking Accuracy	Order Accuracy	Labor Costs	Inventory	Back Orders
34% ↑	80% ↑	70% ↑	28% ↓	20% ↓	90% ↓

Actual results will vary depending on the complexity of the warehouse and type of distribution operation.

Elite™ Healthcare WMS
Major Capabilities

System-directed RF task management.

Multiple pick methods including wave, wave-less, zone, batch, cluster and user-defined.

Volumetrics and containerization.

Embedded advanced transportation management functionality.

Dock and cross-dock management.

Dynamic slotting.

Value-added services: special production, kitting and custom labeling.

Expiry dating, serial number and lot control tracking.

Advanced functionality for receiving, putaway, inventory moves, picking, packing, replenishment, shipping, loading and cycle counting.

Business analytics including labor productivity and item velocity reporting.

Seamless integration to complementary applications and host systems, as well as automated material handling equipment.

Transportation and Delivery Management Integration

With the advent of increasing demand for shorter delivery windows, soaring transportation costs and the dynamic nature of healthcare today, more and more hospitals are considering an integrated WMS/TMS solution to optimize operations.

Integrate transportation and delivery management capabilities into your Elite™ Healthcare WMS to bolster end-to-end visibility across warehouses and shipping functions, resulting in a more holistic view of your operations. That should lead to elimination of shipping stations, better coordination and planning, and the ability to optimize warehouses and inventory. This results in reducing the time and costs related to transportation and external routing, and ultimately improving deliver and patient care.

Elite™ Healthcare WMS integration capabilities include:

Elite™ Healthcare TMS

Multi-carrier routing, labeling and manifesting capabilities.

Elite™ Healthcare DM

End-to-end event tracking and proof of delivery for internal delivery fleets.

Elite™ Healthcare TMS is an enterprise-class multi-carrier shipping manifesting system that optimizes carrier selection and shipping for outbound small parcels and less than truckload (LTL) freight on a number of major carriers' shipping solutions. Infinitely scalable, it allows decision makers to connect as many shipping sites as needed. Key order and shipping information flows seamlessly and automatically throughout the health system, giving the green light to unprecedented shipping efficiency.

Elite™ Healthcare DM is a powerful end-to-end event tracking and delivery management mobile system for health systems, in-house courier and internal deliveries, including all unattended or unscheduled pickups and deliveries. It enables logistics management to create, pick up and deliver shipments directly from a smartphone and offers real-time, online traceability of shipments similar to the functionality offered by major international parcel shipping organizations.

Analytics

Intelligent Visibility of Your Supply Chain

Clear visibility across the supply chain is fundamental to managing any distribution operation. So, too, is access to actionable information, allowing you to stay ahead of the competition.

Any given day can require tactical decisions about inventory levels, order movement or handling inefficiencies. Strategic decisions also may be needed, such as dropping an underperforming product line and/or refocusing capital resources into more productive areas. These types of decisions require timely, accessible and trustworthy information to both manage your business and drive it forward.

Tecsys' Elite™ Healthcare Analytics enable you to gain clear and immediate insight into your organizational data assets to make informed decisions. Elite™ Healthcare Analytics gives you the necessary tools and knowledge to manage your organizational performance. These tools are easy to implement, use and manage, and include pre-built models and content such as reports, analyses, dashboards, multi-dimensional data-marts and metadata models to allow your end users to immediately realize your objectives.

"

"In today's warehouse operations, we see more business volumes, more goods to move to multiple channels, under tighter cycle times. Combined with labor shortages and stringent regulatory requirements, the pressure on executives is greater than ever! As a result, they have no alternative but to make a technology change to a robust but flexible WMS to keep up with their changing business requirements. Given their business conditions, they need to do it at low-risk and low-cost, in other words, get top WMS value at a low total cost of ownership."

Michael Mikitka
EVP MHI Knowledge Center and WERC Division

Tecsys Supply Chain **Platform**

One Platform, **No** Borders

Change is reshaping your supply chain in the digital era. Yesterday's best practices simply don't match the new demands coming from the industry. Healthcare distributors must help their customers, downstream of the supply chain, deliver high-quality patient care and reduce operating costs by creating an infrastructure that supports the purchasing, warehousing, transportation and distribution of supplies across the entire supply chain.

To execute, day in and day out, regardless of business fluctuations or changes in technology, your supply chain platform must be able to adapt and scale with the demands. It must be able to expand and collaborate with customers, suppliers and partners as a borderless enterprise. It's no longer optional. Your supply chain must behave as one engine, constantly adapting to your internal and external challenges, regardless of the number of technologies involved.

Tecsys' Elite™ healthcare distribution platform is the technology infrastructure on which all of Tecsys' supply chain applications are built. It is robust, scalable, extendable and easily adapts to the size and needs of each client. With Tecsys' Elite™ Healthcare supply chain platform, healthcare organizations can significantly optimize business processes, make more informed decisions, identify new revenue opportunities, accelerate growth, meet demands and deliver quality patient care.

"

"With Tecsys we have a reliable IT infrastructure that can be tapped anytime, from anywhere, securely. The system is always available; it is like "googling" into a supply chain network of applications, giving us and our healthcare customers the peace of mind and visibility of what is happening, where and when. Most importantly it is helping us achieve a high level of customer satisfaction."

LifeScience Logistics

Elite™ Healthcare WMS
Distinctive Capabilities

Optimum Efficiency and Accuracy

Patented Visual Logistics technology provides clear visual instructions to workers to increase efficiency and accuracy by double digits at the lowest possible operating cost.

100% Fulfillment

With Elite™ Healthcare WMS' innovative technology and system-directed processes, you can extend, scale and adapt to the complex fulfillment challenges and demands of your clinicians.

Designed for Your Future

Elite™ Healthcare WMS is tailored for your industry, while Tecsys' platform technology enables users to personalize and achieve a perfect fit for your unique business needs.

Quick Onboarding

Elite™ Healthcare WMS works and looks like your modern worker expects, fast to adopt and easy to learn, even non-technical staff can optimize and personalize the system to their needs.

Agile Scalability

Elite™ Healthcare WMS easily adapts to the seasonality and changing needs of your business. Ramp up for growth and scale down for simpler operations using the same software.

Multi-platform Visibility

The Tecsys supply chain platform is the ideal collaboration point for a health system to work together as a borderless enterprise achieving single pane of glass visibility across multiple systems.

Further Ahead in Compliance

Tecsys' platform delivers critical visibility and compliance with the Drug Supply Chain Security Act (DSCSA) serialized traceability, including inference, and other regulatory requirements as they come into effect.

DSCSA Serialization:
A Reality

There's no question that the presence of counterfeit pharmaceuticals — in the healthcare supply chain and otherwise — is a very real issue.

In North America, as elsewhere, fake medicines mean patients don't receive the help they need — or, worse yet, they receive substances that can worsen their conditions. As a result of this, the FDA embarked on a multi-year crusade to combat drug counterfeiting, culminating in November 2023 with the enforcement of DSCSA serialization for pharmaceutical distribution.

For those in operations management, 3PL, wholesale distribution or dispensing of pharmaceuticals, the challenge to be compliant will only increase and the pressure to get things right — from both a liability and compliance standpoint — is higher than ever before.

The Ideal Solution

Overcoming the challenges of DSCSA compliance will take more than a wait-and-see approach. Operations management personnel, wholesale distributors and anyone else who understands the weight of the issue — and the opportunities innate in the ordeal — are already seeking strategic partners and platforms that offer:

Expertise in the healthcare marketplace.

DSCSA compliance as a seamless component of a warehouse management system rather than an add-on, to eliminate the need for duplicate processes.

Agility, adaptability, scalability, efficiency, interoperability and personalization.

Systematic multi-level serialization inference and systematic enforcement of all DSCSA rules and mandated, real-time event posting.

There's no question that tackling the issue of DSCSA serialization compliance will take work sooner or later, but addressing the issues head-on now could have big dividends in the long run. While "Band-Aid" solutions like a standalone repository might work in the immediate term, they are not viable solutions in the long run and will likely result in non-compliance with severe financial and other penalties.

Start Your Journey Towards
True Compliance

As the market leader in healthcare supply chain solutions, Tecsys Elite™ WMS for healthcare distribution is designed to address the needs of high-cost-of-failure supply chains, specifically in the pharmaceutical and healthcare setting.

DSCSA Serialization Compliance Built-in

Tecsys Elite™ WMS for healthcare distribution is unique in that the system locally maintains full inference data on SGTIN and SSCC to fully embedded DSCSA regulations within each individual warehouse transaction. This offers real-time reconciliation of inbound and outbound inventory in tandem with the EPCIS repository.

In addition to real-time compliance, this process also streamlines receiving, putaway and fulfillment workflows with no downtime for system checks. Furthermore, Tecsys' Elite™ WMS embedded approach to DSCSA serialization compliance also means no additional time is spent manually reviewing records to maintain compliance.

No dual-entry.

One single system vs multiple systems running at the same time.

Compliance comes out of the box – no additional integrations required.

Cloud Infrastructure

For many healthcare organizations, the scale of their operations, business requirements and availability of technical resources may limit the ability to use a traditional on-premise implementation approach. To meet the challenges of proof of concept, quick onboarding and low total cost of ownership (TCO), they turn to cloud solutions to address these challenges quickly and effectively.

Tecsys delivers world-class WMS functionality on a leading cloud infrastructure, enabling business leaders to achieve a 99.95% uptime guarantee, swift onboarding, high availability, reliability and security. Tecsys' cloud service offers a high degree of agility and a path for growth. Minimal IT staff is needed to support applications, and by delegating IT infrastructure to Tecsys, businesses instead can focus on delivering unique value to customers.

Leveraging Tecsys' ongoing platform innovations, the savvy distribution organization will be able to respond to business challenges at the lowest total cost of ownership. It is possible to start small and expand as needed, supporting changes to business models and growth along the way, all the while maintaining a high level of customer service.

The processing power of a sophisticated computing infrastructure is available to small, medium-sized and large organizations with no upfront hardware or software investment, a pay-as-you-use financial model, and faster deployment and upgrades for quick onboarding. In addition, deployment options include a public cloud, hybrid, or private cloud hosted at the customer's facility.

"

"We looked at the top three enterprise software suppliers and could not find a warehouse management system that could meet our needs. Tecsys' system is a proven product for healthcare. It is a very good fit for our needs and works hand in hand with our materials management and clinical systems. It is easy-to-use and it is helping us maximize the efficiency and cost savings in delivering quality service for patient care."

Mike Switzer
Corporate Supply Chain Officer
North Mississippi Health Services (NMHS)

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.

tecsys™

www.tecsys.com
info@tecsys.com
Phone: 514-866-0001
Toll Free: 1-800-922-8649