Warehouse Management System
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“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.”

Donna VanVlerah
SVP Supply & Support Services
Parkview Health
Your warehouse operation is your most vital asset to deliver on promises made to customers and achieve a high level of customer satisfaction. In today’s world, a combination of best practices and platform technology helps world-class distribution organizations 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 Challenges

Mounting pressure from growing volatile demands, customer expectations, and constant changes in economic conditions.

Orders must be fulfilled with the highest efficiency and productivity, all the while 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 shed. They’ll stand in the way of reaching the highest KPIs for your supply chain.

You Must

Weather the external disruptive forces.

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

Attain the highest level of customer 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.
Tecsys Warehouse Management System

Turning Your Biggest Asset into Your Most Powerful Competitive Weapon

For more than three decades we have helped hundreds of leading organizations solve their unique warehousing and distribution challenges—landing us in the “Visionaries” quadrant of Gartner’s Magic Quadrant* for warehouse management systems for the last eight consecutive reports.

Since our founding, we’ve been lauded by a stream of renowned organizations that have adopted our solutions. Among them: Canon, Cleveland Brothers, DB Schenker, Delmar International, Humana, Intermountain Healthcare, eOne Entertainment, Milton CAT, Napoleon Products, Parkview Health, Rinchem, Robinson Home Products, Walter Surface Technologies, Werner Electric Supply and many others.


“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
Tecsys’ warehouse management system 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 Tecsys’ WMS Customers:

- **Overall Efficiency**: 34%
- **Picking Accuracy**: 80%
- **Order Accuracy**: 70%
- **Labor Costs**: 28%
- **Inventory**: 20%
- **Back Orders**: 90%

*Actual results will vary depending on the complexity of the warehouse and type of distribution operation.*
# Tecsys WMS – Major Capabilities

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<th>Capability</th>
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<tr>
<td>System-directed RF task management and task interleaving</td>
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<td>Multiple pick methods including wave, wave-less, zone, batch, cluster, and user-defined</td>
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<td>Volumetrics and containerization</td>
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<td>Embedded advanced transportation management functionality</td>
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<td>Dock and cross-dock management</td>
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<td>Dynamic slotting</td>
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<td>Value-added services: special production, kitting and custom labeling</td>
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<td>Expiry dating, serial number and lot control tracking</td>
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<td>Advanced functionality for receiving, putaway, inventory moves, picking, packing, replenishment, shipping, loading and cycle counting</td>
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<td>Business analytics including labor productivity and item velocity reporting, as well as the ability to compare KPIs to those of industry leaders</td>
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<td>Seamless integration to complementary applications and host systems, as well as automated material handling equipment</td>
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Embedded TMS Capabilities

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

With Tecsys’ embedded TMS into its WMS, distributors will be able to bolster end-to-end visibility across warehouses and shipping functions, resulting in a more holistic view of their distribution operations. That should often lead to elimination of shipping stations, better coordination and planning, and the ability to optimize warehouses and inventory. Thus, reducing the time and costs related to transportation and external routing, and ultimately improving delivery and customer service.

**Tecsys’ embedded transportation management capabilities include:**

**Tecsys Transportation Management**
- Multi-carrier routing, labeling and manifesting capabilities

**Tecsys Delivery Management**
- End-to-end event tracking and proof of delivery for internal delivery fleets

Tecsys’ Transportation Management 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 enterprise, giving the green light to unprecedented shipping efficiency.

Tecsys’ Delivery Management is a powerful end-to-end event tracking and delivery management mobile system for a distribution organization, 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 their customers real-time, online traceability of shipments similar to the functionality offered by major international parcel shipping organizations.
Business 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 not only manage your business, but to drive your business forward.

Tecsys’ business analytics solutions enable you to gain clear and immediate insight into your organizational data assets in order to make informed decisions. Through Tecsys’ pre-packaged BI solutions and services, you have 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.

Tecsys also has exclusively embedded the Warehousing Education Research Council (WERC) industry metrics of high performers into its WMS, allowing users to compare internal performance results with leaders in their industry and continue to execute action plans to correct, improve, and sustain superior supply chain performance and profitability.

“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
CEO of Warehousing Education Research Council
Extended Applications

**Distribution Management System (DMS)**

Competing on price alone is no longer an option. Delivering value is the key to acquiring and retaining customers. Doing so profitably is the key to success. Transforming your supply chain into a true "value chain" requires a modern DMS that can help you reduce non-value related activities and adopt demand-driven strategies.

Tecsys’ distribution management software covers the entire distribution spectrum, including integrated financials and enterprise reporting. The scalable transactional engine supports all cross-functional activities, anywhere, anytime, offering visibility into every facet of operations.

**Distributed Order Management (DOM)**

Online order management technology helps companies connect digital commerce to physical distribution centers and stores. Give customers a real-time view of inventory. Optimize order fulfillment routes. Minimize shipping costs. Manage your returns. Solid integration connects your various systems, into a single unified supply chain solution. Tecsys’ distributed order management makes seamless order fulfillment easy.

**Third-party Billing Management System (BMS)**

Tecsys’ billing management system empowers 3PLs to accurately monetize: manage current and potential services billing, track costs on an activity basis, reduce collection times, and heighten customer service levels. In addition, the technology can be leveraged to eliminate time-consuming manual processes and help avoid missed billing opportunities.
Tecsys Supply Chain Platform

One Platform, No Borders

From omnichannel to the Internet of Things (IoT), change is reshaping your supply chain in the digital era. Yesterday’s best-practices simply don’t match the new demands coming from your customers. They expect 100% fulfillment, faster service and greater value. And they want to stay at the forefront of technology trends.

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’ supply chain 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’ supply chain platform, distribution organizations can significantly optimize business processes, make more informed decisions, identify new revenue opportunities, accelerate growth, meet demands, and delight their customers.

“With Tecsys’ supply chain platform, we have built a great business model. It was one of the major pillars on which we started LifeScience Logistics that has enabled us to grow to a multi-million-dollar company.”

Richard Beeny
Co-founder and CEO
LifeScience Logistics
Tecsys Supply Chain Platform
Distinctive Capabilities

**Patented Visual Logistics Application**
Patented Visual Logistics and Visual-On-Voice™ applications, providing clear instructions to workers, thus increasing efficiency, accuracy, and responsiveness.

**Robust Execution**
Using innovative technology and processes, Tecsys’ supply chain platform is already responding to the challenges of complex supply chains.

**Optimum Ease-of-Use and Personalisation**
Tecsys platform’s fluid adaptability enables supply chain changes on-the-go; even non-technical staff can easily optimize and personalize processes.

**Harnessing True Scalability**
The platform’s scalability accommodates the constant flux in business models and volatile product demands. It scales up or down based on size, volumes or complexity of operation.

**Expanding Customers’ Supply Chain Capabilities for Growth**
Tecsys’ platform expands supply chain capabilities beyond warehouse management to distribution and transportation management, supply management, 3PL billing management and business analytics. It also allows customers to develop their own unique applications.

**Further Ahead in Compliance**
Tecsys’ platform delivers critical visibility and compliance with the Drug Supply Chain Security Act (DSCSA) lot-level traceability and other regulatory requirements as they come into effect in the months and years to come.

**Accessible Anytime, Anywhere**
Web-based with service-oriented architecture, Tecsys’ supply chain applications can be deployed on premise, be hosted or deployed as a SaaS model. The system is intelligent, extensible, and easy to use. It is adaptable to users’ environments and personal preferences.
For many distribution 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 solutions offer 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 for quick onboarding. In addition, deployment options include a public cloud, hybrid, or private cloud hosted at the customer’s facility.
“We selected Tecsys for a number of reasons; we felt Tecsys’ WMS is out of the box, fully-featured and a robust suite of applications that we could use with the absolute minimum amount of modifications. In addition, customer service is very important to us; Tecsys demonstrated unparalleled customer care with their hand holding, responsiveness and presence.”

John Mattessich
Director of Distribution
Aetrex Worldwide Inc.
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.