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TECSYS Warehouse Management System

TECSYS®

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About 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."

**Donna VanVlerah, SVP Supply & Support Services
Parkview Health**

"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.**



Your Warehouse, Your Most Valuable Distribution Asset

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 six consecutive reports.

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

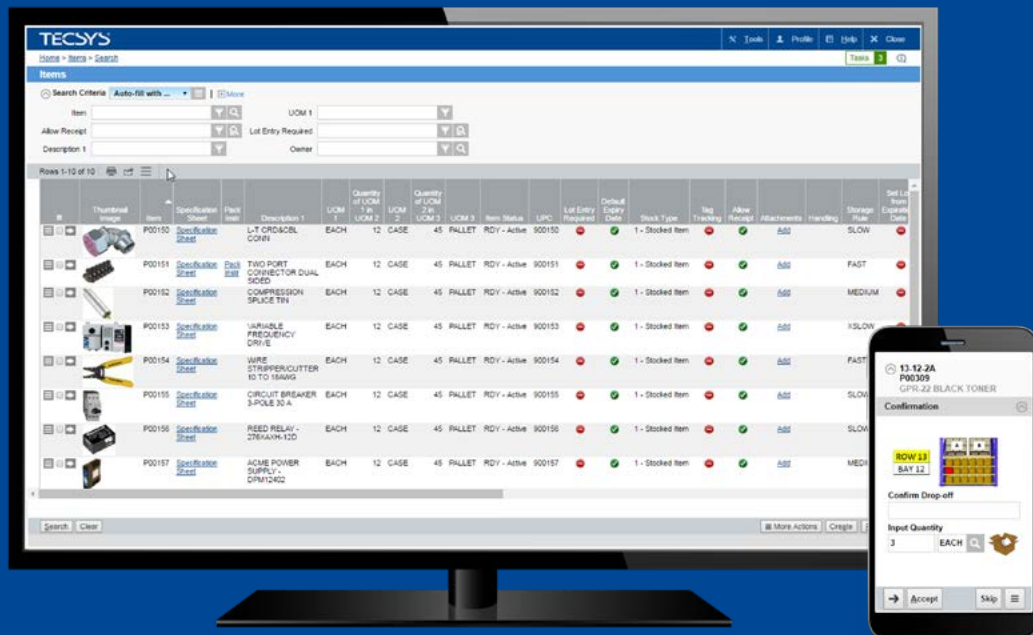
* Gartner “Magic Quadrant for Warehouse Management Systems” by C. Dwight Klappich & Simon Tunstall, 13 February 2017.



“

“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' WMS – **Major** Capabilities

System-directed RF task management and task interleaving

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

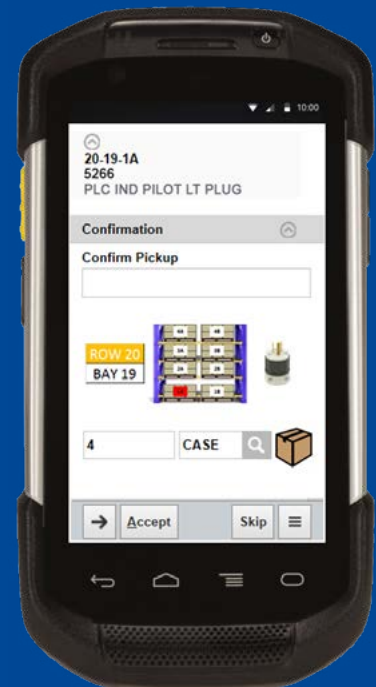
Value-added services: special production, kitting and custom labeling

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, as well as the ability to compare KPIs to those of industry leaders

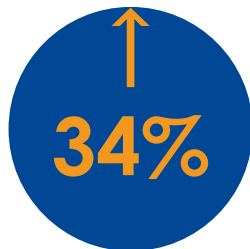
Seamless integration to complementary applications and host systems, as well as automated material handling equipment



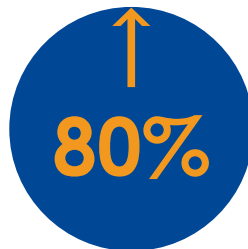
TECSYS' WMS Brings Game-Changing Improvements in Performance

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, particularly by choosing TECSYS' OneSprint Deployment methodology.

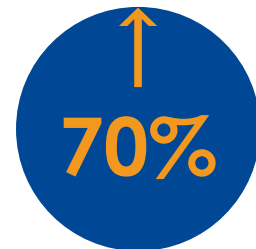
PERFORMANCE IMPROVEMENTS EXPERIENCED BY TECSYS' WMS CUSTOMERS*:



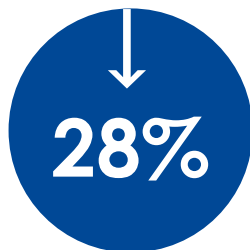
OVERALL EFFICIENCY



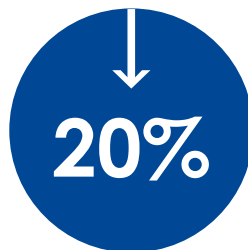
PICKING ACCURACY



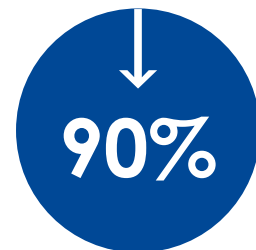
ORDER ACCURACY



LABOR COSTS



INVENTORY



BACK ORDERS

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



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.

SUPPLY MANAGEMENT SYSTEM (SMS)

TECSYS Supply Management System (SMS) is a solution that supports an inventory store: a walk-in room, with close proximity to point-of-use, it enables users to walk in, pick up what they need, scan it, walk out, and have the items “automatically” replenished. TECSYS’ SMS uses touch-screen technology to facilitate ease of access to information with the least amount of intervention. Furthermore, the supply chain process at point-of-use is automated. Products are captured via barcode and stored in the TECSYS system, enabling purchasing organizations to track usage, re-order to minimums, and plan the demand accordingly.

THIRD PARTY BILLING MANAGEMENT SYSTEM (BMS)

The TECSYS Billing Management System (BMS) 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.

TRANSPORTATION MANAGEMENT SYSTEM (TMS)

TECSYS’ Transportation Management Software (TMS) is an enterprise-class shipping solution that automates and optimizes the rating, routing, manifesting, tracking, and post-shipment analysis of distribution organizations’ small package and LTL shipments. Deployed on a central server, it provides controlled access to real-time shipping information from any location within the organization. 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.

DELIVERY MANAGEMENT (DM)

TECSYS’ Delivery Management (DM) solution is a powerful event tracking and delivery management mobile system for fleet and internal deliveries. It enables distribution organizations to create, pick up, and deliver shipments directly from a handheld mobile device 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 WERC*

*Warehousing Education Research Council



TECSYS' Supply Chain Platform

One Platform, No Borders

From Omni-channel 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



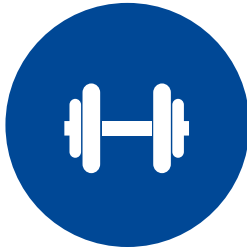
TECSYS' Supply Chain Platform

Distinctive Capabilities



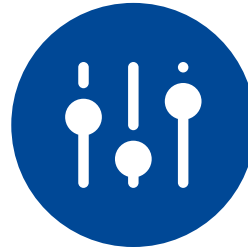
PATENTED VISUAL LOGISTICS APPLICATION

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



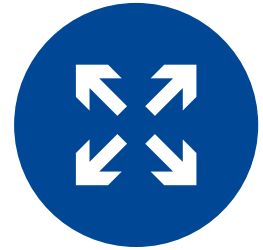
ROBUST EXECUTION

Using innovative technology and processes, TECSYS' Supply Chain Platform is already responding to the challenges of complex supply chains.



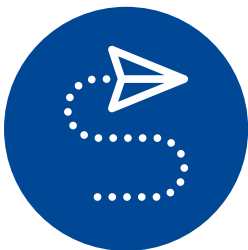
OPTIMUM EASE-OF-USE AND PERSONALISATION

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.



TECSYS Cloud WMS

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.

Consider OneSprint



A Faster Deployment Option

When time is of the essence, TECSYS' OneSprint fast deployment methodology gets customers up and running quicker than ever; 40% faster to reach value for the business, all at a lower total cost of ownership (TCO).

The OneSprint deployment approach is ideal for mission-critical operations that must address fulfillment challenges swiftly; it is also for those needing to address supply chain proof of concept by significantly reducing the complexity, time, cost and risks associated with a major WMS implementation.

TIME TO VALUE



TECSYS' WMS USING ONESPRINT DEPLOYMENT DELIVERS:

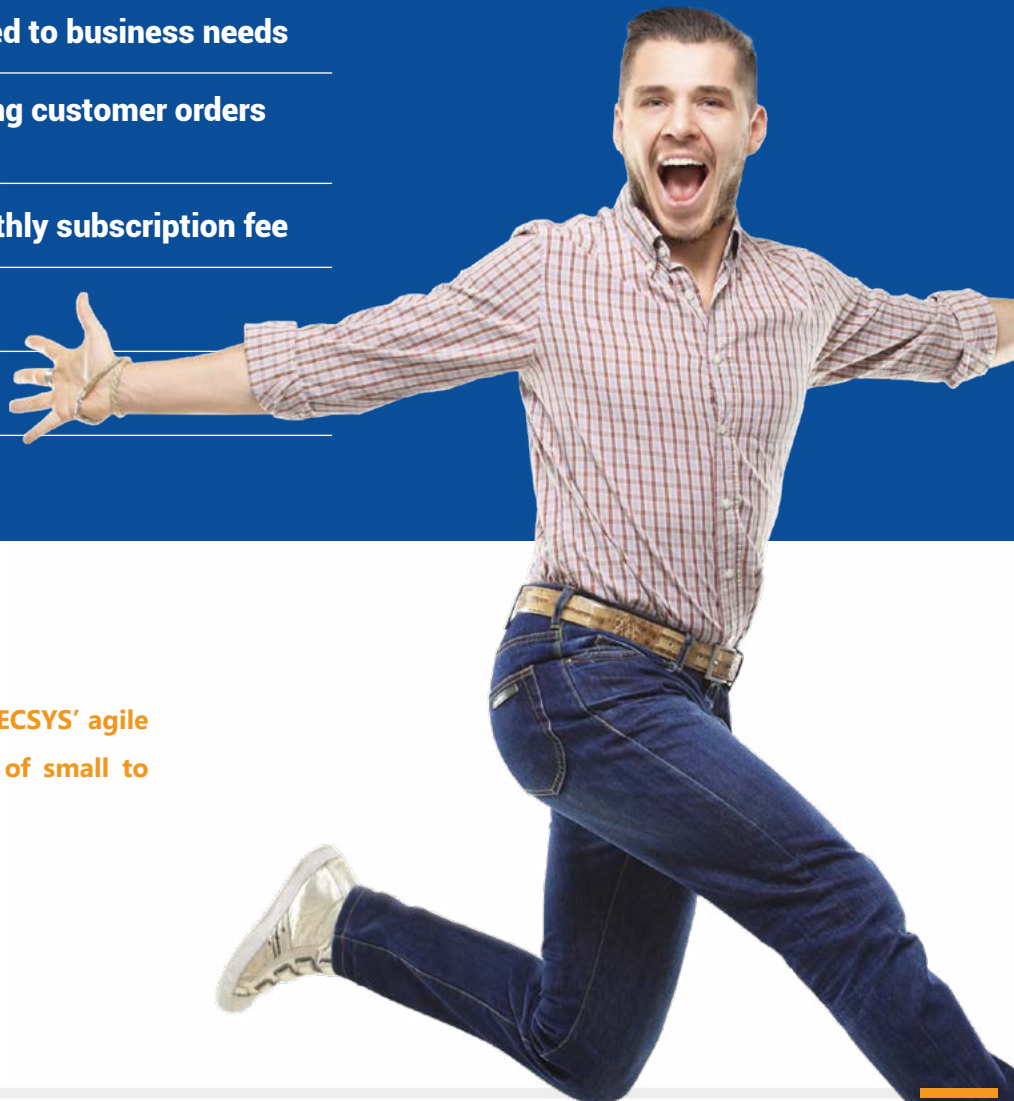
Robust WMS capabilities matched to business needs

Quick onboarding to start fulfilling customer orders without delays

No capital outlay, just a low monthly subscription fee

Low-risk deployment

Intuitive software



OneSprint quickly and easily places TECSYS' agile supply chain platform in the hands of small to large distribution operations.

About TECSYS

TECSYS provides transformative supply chain solutions that equip our customers to succeed in a rapidly changing Omnichannel world. TECSYS solutions are built on a true enterprise supply chain platform, and include warehouse management, distribution and transportation management, and supply management at point-of-use, as well as complete financial management and analytics solutions.

Customers running on TECSYS' Supply Chain Platform are confident knowing they can execute, day in and day out, regardless of business fluctuations or changes in technology; they can adapt and scale to any business need or size; and they can expand and collaborate with customers, suppliers and partners as one borderless enterprise. From demand planning to demand fulfillment, TECSYS puts power into the hands of both frontline workers and back-office planners, and unshackles business leaders so they can see and manage their supply chains like never before.

TECSYS is the market leader in supply chain solutions for health systems and hospitals. Over 600 mid-size and Fortune 1000 customers trust their supply chains to TECSYS in the healthcare, service parts, third-party logistics, and general wholesale high-volume distribution industries.

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