

ORACLE®

Oracle Logistics Cloud

Achieve logistics excellence with a modern solution that drives better business outcomes.



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WELCOME TO THE DIGITAL ERA

From streamlining transportation networks to fine-tuning warehouse operations, companies rely on logistics solutions to manage their supply chains, accelerate fulfillment activities, and simplify a wide range of business processes. However, many of today's logistics applications are based on rigid technologies that can't adequately support the many inter-related facets of global logistics management, enable supply chains that differentiate across segments, or properly manage costs to improve business outcomes. These legacy applications are expensive to operate, upgrade, and maintain. And because they are based on older technology, they lack the sophisticated mobile, social, and analytic capabilities that global companies need to increase visibility, optimize operations, and improve customer satisfaction across multiple channels.

In an effort to simplify logistics and orchestrate better business processes, some companies have implemented applications from multiple vendors, cobbling together functionality with costly integrations for essential activities such as global trade, transportation execution, inventory visibility, and order fulfillment. This lack of cohesion slows down processes and makes it difficult to nimbly adapt to changing market needs.

Oracle has a better way.

Oracle Logistics Cloud is an integrated solution that seamlessly manages transportation, global trade, and warehouse management activities via unified business processes. With technology for transportation planning and execution, trade compliance, customs management, and warehouse management, you no longer need to manually integrate multiple applications and technologies to execute unified logistics processes. And while other technology vendors require you to run multiple applications, Oracle enables you to manage all your logistics processes across every region of the world using one cloud-based suite.



The Challenge of Modern Logistics

- Improve communication and information sharing among teams.
- Increase visibility and traceability of goods throughout the supply chain.
- Optimize decision-making and respond rapidly to changing business conditions.
- Standardize on cohesive functionality, unified and managed by a single vendor.

Why Move Logistics to the Cloud?

- Achieve global visibility of orders, shipments, inventory, and trade compliance data.
- Enable multichannel order fulfillment to meet time to market expectations.
- Optimize the movement of goods among all transportation modes across the globe.
- Match inventory supply to demand across all sources for expedited fulfillment.
- Monitor orders, shipments, and inventory on a single cloud-enabled platform.
- Leverage analytics and dashboards to view key supply chain metrics.

NEW CHALLENGES DRIVE THE NEED FOR UNIFIED LOGISTICS

Getting the right products to customers at the right time and place involves optimizing warehousing, distribution, transportation, and fulfillment activities across multiple channels and geographies. Today's demand-driven, customer-centric supply chains have many moving parts. They incorporate increasingly sophisticated customers, suppliers, distributors, logistics providers, and channel partners—all interacting across multiple channels. This requires real-time coordination, since customers can choose among these channels at will. For example, a shopper might order a product online, pick it up at a retail outlet, and request service via phone, email, or chat. Today's digitally empowered consumers expect prompt, consistent service no matter how they choose to engage your company. If you can't deliver a consistent experience, they will take their business to a company that can.

These real-time demands not only affect the way companies configure their supply chains across different customer segments, but also how they define fundamental business models. To compete, you need nimble logistics and distribution networks that always have available stock, so you can fulfill orders on a global scale, while quickly responding to the needs of individual customers. For businesses of all sizes and across many industries, success or failure depends on meeting consumers and partners on *their* terms—including delivering products and services through their preferred channels. Market-leaders unify their logistics and supply chain execution processes with cloud technology that efficiently manages these interrelated functions in a cost-effective and compliant manner.

REINVENTING LOGISTICS EXCELLENCE

As supply chains become increasingly consumer-driven, astute businesses respond by automating material handling, order fulfillment, shipments, and import/export processes. With supply chains continuously changing and becoming more complex, logistics and distribution networks need to become more agile as well, so they can store and ship products and materials on a global scale. Being able to balance cost controls, expedite orders, and satisfy customer demands requires efficient planning and optimization of global supply networks. You must be able to quickly identify opportunities and create agile execution strategies to maximize business outcomes.

Built on modern cloud architecture, Oracle Logistics Cloud fosters logistics excellence with a functionally rich solution that improves business outcomes and advances your journey to the cloud. Whether you already have cloud systems, are dependent on legacy applications, or have a hybrid cloud environment, Oracle makes it easy to get started, expand as your business grows, and manage all your logistics activities via robust, cost-effective, cloud-based technology.

There's no time to lose. Today's mature ecommerce channels require flexible supply chains that can integrate transportation, global trade, and warehouse activities. With Oracle Cloud technology, you can establish a modern, real-time ecommerce and fulfillment environment where consumers can place orders through multiple channels—and ensure that those orders are fulfilled rapidly to achieve customer satisfaction. Oracle Logistics Cloud unifies transportation, trade, and warehouse activities to enable a broadly dispersed organization to have access to integrated business capabilities with minimal effort.

Oracle's scalable, cloud-based architecture allows you to start small and expand as your business grows to support increases in users, locations, and transaction volumes, while tying multiple channels and touchpoints into a seamless user experience. Oracle Cloud technology is frequently updated, so you always have the latest capabilities without having to burden your IT team with constant patching, maintenance, and upgrades. Read on to learn about the three interrelated components of Oracle Logistics Cloud—and a proven approach to automating your transportation management, global trade management, and warehouse management functions.

Solutions from Oracle

Deploy the components of Oracle Logistics Cloud as standalone solutions or as an integrated suite.

- **Oracle Transportation Management Cloud** reduces costs by optimizing shipments across all modes of transportation and all regions of your global supply chain.
- **Oracle Global Trade Management Cloud** manages trade compliance by classifying goods for the countries with which you do business including the ability to preview duties and tax rates.
- **Oracle Warehouse Management Cloud** provides comprehensive warehouse management capabilities by leveraging a secure, scalable, and flexible cloud solution.



Case in Point: Panduit

Panduit is a global manufacturer of physical infrastructure equipment that supports power, communications, computing, control, and security systems.

Oracle Transportation Management Cloud helped Panduit achieve the following:

- Reduce transportation costs by 15 percent
- Reduce overhead by 20 percent due to automated freight payment, billing, and auditing processes

EXECUTING BETTER TRANSPORTATION PROCESSES

Transportation management systems simplify the planning and execution of physically moving goods across supply chains. They help organizations control transportation costs, improve internal efficiencies, and secure transport capacity. Oracle Transportation Management Cloud Service supports the needs of both shippers and logistics service providers by combining ease of use with sophisticated logistics functionality. It creates an information “bridge” across functional silos, geographic regions, and business units, helping your entire organization gain visibility into supply chain flows, transportation modes, and geographic areas—both domestic and international. Oracle supports multiple languages, currencies, units of measure, and business functions across regions, simplifying global operations within one, cohesive transportation management solution.

Oracle Transportation Management Cloud enables you to effectively manage transport orders, efficiently plan and monitor shipments, and optimize shipping options across all modes including FTL, LTL, parcel, rail, ocean, air, and more. In addition, you can compare costs so you can bundle shipments based on destination and load type. Managing complex schedules, modes, routes, and shipments is much easier and more efficient using the powerful capabilities of Oracle Transportation Management Cloud:

- Reduce logistics costs by optimizing shipments across all modes of transportation.
- Improve transportation execution for all orders and shipments.
- Minimize freight cost leakage across payment, billing, and auditing functions.
- Consolidate transportation orders from multiple sources.

Panduit, a global manufacturer of physical infrastructure equipment, uses Oracle Transportation Management Cloud to optimize its global freight spend. Business leaders at Panduit gravitated to the Oracle solution for several important reasons. They needed to support continued growth across their physical infrastructure management solutions. They also wanted to strengthen relationships with distributors by streamlining shipments and providing timely updates on the location and progress of shipments. With Oracle Transportation Management Cloud, Panduit optimized freight delivery by consolidating loads, reducing transportation costs by 15 percent via designated customer shipments. Using Oracle Transportation Management Cloud, the company cut transportation-related overhead by 20 percent by automating freight payment, billing, auditing, and paper-based processes.

OPTIMIZING GLOBAL TRADE

Oracle Global Trade Management Cloud Service automates trade compliance, customs, and other details related to global trade. This component of Oracle Logistics Cloud helps you comply with global and regional trade requirements by classifying goods for the countries in which you do business, including previewing duties and tax rates. It handles screening for restricted parties, sanctions, and embargoes. It streamlines regulatory compliance by identifying and managing licensing, exceptions, and other government agency requirements, such as capturing and validating shipment data required for entry. It also helps you produce, revise, and track customs documents, and facilitates collaboration by sharing those documents with freight forwarders, customers, and brokers.

Oracle Global Trade Management Cloud gives you greater control over orders and shipments by increasing your visibility into the physical flow of goods. By combining complete trade data with process milestones, well-structured compliance policies, and trade automation tools, the solution helps your organization comply with trade regulations and requirements across the globe:

“Oracle Transportation Management Cloud enabled us to optimize our shipments through consolidation, enhance our in-transit visibility, automate our freight settlement, and leverage the application’s embedded analytics to improve our operational efficiency.”

Sam Hanieh
Global Logistics Manager,
Panduit

Integrated Solutions for Transportation Management

- Transportation procurement
- Transportation order management
- Carrier and rate management
- Fleet and driver management
- Order and shipment planning
- Shipment booking and tendering
- Visibility and event management
- Freight audit and payment
- Reporting, documentation, and business intelligence

“Besides having one of the most functionally broad, deep and robust TMSs [transportation management systems], Oracle also has the largest global reach of any of the TMS vendors, with customers across all the continents.... OTM Cloud [Oracle Transportation Management Cloud] can support the complex transportation requirements of the most sophisticated transportation organizations as well as scale down to smaller, less complex and less sophisticated shippers.”

Bart De Muyneck
Vice President, Research
Gartner

- Simplify the legal, regulatory, and corporate complexities of cross-border transactions.
- Centralize worldwide compliance activities.
- Mitigate financial risk for inter-regional trade processes.
- Increase working capital by keeping goods moving on schedule.

World Wide Technology, Inc. (WWT), a technology and supply chain services provider focusing on commercial enterprises, public sector, and telecommunications, uses Oracle Global Trade Management Cloud in multiple locations to screen products for regulatory compliance. A regulatory compliance mistake can cost anywhere from US\$10,000 per infringement to prison time. Oracle Global Trade Management Cloud's screening capabilities help ensure that goods won't be shipped to prohibited countries, organizations, or individuals, helping WWT comply with national and international security protocols. It also acts as a centralized repository for all legal, regulatory, and corporate trade compliance information, eliminating data silos and encouraging information sharing.

MODERNIZING WAREHOUSE MANAGEMENT

Many warehouse managers struggle to orchestrate the end-to-end logistics processes necessary for modern fulfillment operations. Meeting the demands of digitally connected consumers requires complete visibility into rapidly moving inventory, from regional distribution centers to local warehouses to retail shelves. Oracle Warehouse Management Cloud Service offers multichannel demand and execution processes that allow you to source and fulfill orders from anywhere. Warehouse managers can use mobile devices to view real-time analytics related to picking, packing, loading, shipping, manifest support, kitting, and dekitting. The solution measures material handling times including operator start, break, and end time and analyzes labor productivity by comparing goals to actual performance, helping you better manage and distribute warehouse activities among your workforce. Standard capabilities include the following:

- Improves fulfillment through multichannel demand and execution processes
- Provides complete visibility into inventory across distribution centers
- Analyzes labor productivity by comparing goals to actual performance
- Enables diverse picking strategies and directed packing
- Manages routes, shipments, distribution, materials handling, and other logistics activities

InkaFarma, Peru's largest retail pharmacy chain, used Oracle Warehouse Management Cloud to automate its distribution operations, including the implementation of a modern warehouse management system at its new distribution center. InkaFarma must follow strict guidelines on segregation, security, and control of their prescription and government-regulated drug products. Oracle Warehouse Management Cloud provides order tracking and tracing keyed to each product's expiration date, serial number, and batch number. These activities are closely tied to the facility's warehouse control system, which oversees the mechanical aspects of the operation. Automation and a fully functioning warehouse management system have yielded big productivity gains for InkaFarma. Staffing needs have dropped from 500 at the old facility to 300 at the new site. That 40-percent reduction in workforce requirements was accompanied by a 40 percent increase in shipping volumes, with 100 percent uptime. In addition, InkaFarma improved its on-time shipment rate to 98 percent.

Solutions for Global Trade

- Centralized repository for master trade data
- Easy and proper product classifications
- Fast and accurate restricted party and sanction screening
- Landed cost simulation for sourcing decision-making

Case in Point: World Wide Technology

WWT assists with the planning, procurement, and deployment of IT products and solutions.

Oracle Global Trade Management Cloud helped WWT:

- Reduce compliance violations
- Consolidate trade compliance information
- Improve information sharing

“We use Oracle Global Trade Management in multiple locations worldwide, seamlessly sending information back and forth to our Oracle ERP system. It gives us more visibility into orders up front, before we process and ship them. Oracle delivers a big benefit to our employees by providing a single suite of applications that gives them all the information they need at their fingertips.”

Yuri Azov
Supervisor of Global Trade Compliance, World Wide Technology

ONE BIG STEP ON THE JOURNEY TO CLOUD

Logistics software is playing an increasingly important role in how companies respond to the demand-driven economy, and it is having a decisive impact on logistics planning, execution, and the broader supply chain. Market leaders are adopting cloud-based systems that enhance planning flexibility and provide greater visibility into real-time logistics flows.

Why should you follow in their footsteps?

- Gain global visibility into orders, shipments, inventory, and trade compliance data, along with omnichannel order management across demand and supply sources.
- Optimize the movement of goods across all transportation modes in any country, and match inventory supply to demand across all sources for expedited fulfillment.
- Orchestrate cohesive business processes by monitoring orders, shipments, and inventory on a single platform, and use a dynamic analytics dashboard to view key supply chain metrics.

Oracle offers a modern logistics solution that can advance your journey to the cloud from any point: new cloud deployments, legacy environments, and hybrid implementations. You can get started quickly and expand the solution as your business grows—either one module at a time or as an integrated suite. Oracle can help you transition to a new world of nimble, scalable, cloud-based capabilities, with a broad array of deployment and pricing options to meet the needs of small, midsize, and large organizations.

Other logistics software vendors depend on third-party cloud providers to host their software. With Oracle, your entire solution runs on a cohesive Oracle technology stack, managed by experts who understand every dimension of the solution, from the servers and storage devices to the operating systems, databases, and applications. Oracle software-as-a-service solutions such as Oracle Logistics Cloud are bolstered by mature platform-as-a-service (PaaS) solutions to simplify data management, integration, application development, and analytics, all backed by unified management and security. Leveraging artificial intelligence and machine learning, Oracle's autonomous PaaS solutions are self-driving, self-securing, and self-repairing, helping you innovate faster, make smarter decisions, and create an exceptional IT platform to leapfrog your competitors.

A trusted IT partner for thousands of customers, Oracle has a global presence in more than 140 countries and is backed by unparalleled financial strength and technology leadership. Its comprehensive cloud offering spans enterprise resource planning, human capital management, supply chain management, customer relationship management, and other important corporate functions. Its basis in service-oriented architecture makes it easy to include suppliers, distributors, transportation providers, logistics providers, channel partners, and other participants in supply chain processes. Oracle Cloud also includes optimization technology for planning shipments, Internet of Things technology for gathering data, chatbot technology for streamlining user experiences, and analytics technology for business decision-making. Complementary solutions from dozens of authorized logistics partners further enhance the value of Oracle Logistics Cloud.

Visit the [Oracle Logistics Cloud page](#) for more information.

Why Standardize on Oracle Warehouse Management Cloud?

- Increase labor productivity.
- Improve customer satisfaction.
- Maximize space utilization.
- Increase inventory turns.
- Improve shipment accuracy.
- Reduce fulfillment costs.

Case in Point: InkaFarma

InkaFarma is Peru's largest retail pharmacy chain. It operates more than 1,000 pharmacies and has a presence in 25 regions of Peru.

Oracle Warehouse Management Cloud helped InkaFarma achieve the following:

- Reduce staff size from 500 to 300 employees
- Improve warehouse productivity by 40 percent
- Boost on-time shipment rate to 98 percent

“We had been operating out of a single distribution center that lacked a modern warehouse management system. Oracle Warehouse Management Cloud offered a high degree of availability coupled with low infrastructure needs. We also respected positive feedback from existing users and we appreciated the system's relatively low cost. It was a very competitive value proposition.”

Christian Higa Ramirez
Director of Logistics and Operations, InkaFarma

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Integrated Cloud Applications & Platform Services

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