

# Warehouse Management Systems Market Size \$12.3 billion by 2031 | An Emerging Hint of Opportunity

*The e-commerce industry's strong growth and rising demand for cloud-based WMS solutions are fueling market expansion.*

PORTLAND, OR, UNITED STATES, October 1, 2024 /EINPresswire.com/ -- According to the report published by Allied Market Research, the global [warehouse management systems market](#) size was estimated at \$2.4 billion in 2020 and is expected to hit \$10.6 billion by 2030, registering a CAGR of 16.3% from 2021 to 2030. The report provides an in-depth analysis of the top investment pockets, top winning strategies, drivers & opportunities, market size & estimations, competitive scenario, and varying market trends.

Advancements in industrial-grade digital technology, growth of e-commerce, and growing demand for improved supply chain and customer relationship management drive the growth of the warehouse management system market. However, costly deployment of WMS solutions, lack of process standardization in distribution and insufficient knowledge of WMS among small-scale industries hinder the market growth. Moreover, suppliers' need for obtaining greater efficiency and productivity offers a lucrative opportunity for the growth of the WMS market.

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Key Drivers of Growth:

\* E-commerce Expansion: The robust growth in the e-commerce sector is significantly driving WMS adoption, as it enhances inventory accuracy and fulfillment options.



Warehouse Management Systems Market

\* Cloud Solutions Demand: There is an increasing demand for cloud-based WMS due to advantages such as scalability and automation, which help businesses manage their supply chains more effectively.

\* Technological Advancements: Innovations like IoT, AI, and automation technologies are enhancing operational efficiencies in warehouse management.

Challenges:

1. High Initial Investment: The substantial investment required for on-premises WMS can be a barrier for small and medium enterprises (SMEs).

Data Security Concerns: Issues related to data privacy and security may limit market growth.

Opportunities:

1. The increasing adoption of digital technologies in supply chain management presents numerous opportunities for expansion in the WMS sector.

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The warehouse management systems market is poised for substantial growth driven by e-commerce demand, cloud solutions, and technological advancements. However, challenges such as high costs and data security concerns need to be addressed for sustained growth. Key players in the market include major corporations like IBM, Oracle, and SAP, who are actively expanding their offerings through various strategic initiatives.

The global warehouse management system (WMS) market is examined through various segments, including deployment model, component type, user type, industry vertical, and region. This detailed analysis helps in understanding the dynamics and trends shaping the market.

Deployment Model

\* On-Premise Segment:

In 2020, the on-premise deployment model captured a substantial share of nearly 60% of the global warehouse management systems market. This segment is anticipated to continue leading the market through 2030 due to its perceived reliability and control over data.

\* Cloud-Based Segment:

Conversely, the cloud-based segment is expected to witness significant growth, with a projected

compound annual growth rate (CAGR) of 18.7% throughout the forecast period. This growth is attributed to the increasing adoption of cloud technology, which offers flexibility, scalability, and cost-effectiveness for warehouse operations.

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## Component Type

### \* Software Segment:

The software component held a dominant share of over 60% in 2020, reflecting its critical role in automating and optimizing warehouse processes. It is likely to maintain its leading position during the forecast period due to continuous innovations and updates.

### \* Services Segment:

The services segment, while currently smaller, is projected to experience the fastest CAGR of 18.7% by 2030. This growth can be attributed to the increasing need for integration, support, and maintenance services as businesses enhance their warehouse management capabilities.

## Regional Analysis:

North America commanded over 40% of the market share in 2020 and is expected to sustain its dominance until 2030. The region's strong technological infrastructure and the presence of major WMS providers contribute to this leading position. The Asia-Pacific region is predicted to experience the highest growth rate, with a remarkable CAGR of 20.7% through 2030. This surge is driven by rapid industrialization, increased investment in logistics and supply chain management, and the growing adoption of advanced technologies.

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The report provides an analysis of several key market players, including HighJump Software Inc. (now part of Korber), IBM Corporation, Infor Inc., and JDA Software Group, Inc. (which operates under the name Blue Yonder Group, Inc.). Additionally, it covers Manhattan Associates, Inc., Oracle Corporation, PSI Logistics, SAP SE, Softeon, Inc., and Tecsys, Inc. These companies are significant contributors to the market, each bringing unique solutions and expertise in the field, shaping the competitive landscape and influencing industry trends.

The global warehouse management system market is poised for significant growth driven by advancements in technology, evolving consumer demands, and the need for efficiency in supply chain operations. Both the on-premise and cloud-based models will play vital roles, while

software solutions will continue to dominate, supported by a growing services segment. North America will likely remain a leader in market share, while the Asia-Pacific region is set to emerge as a fast-growing market. Key players will continue to innovate and expand their offerings to meet the diverse needs of industries worldwide.

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

Contact:

David Correa

5933 NE Wi

Toll-Free: 1-800-792-5285

UK: +44-845-528-1300n Sivers Drive

#205, Portland, OR 97220

United States

Hong Kong: +852-301-84916

India (Pune): +91-20-66346060

Fax: +1-855-550-5975

help@alliedmarketresearch.com

Web: <https://www.alliedmarketresearch.com>

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David Correa

Allied Market Research

+1 800-792-5285

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