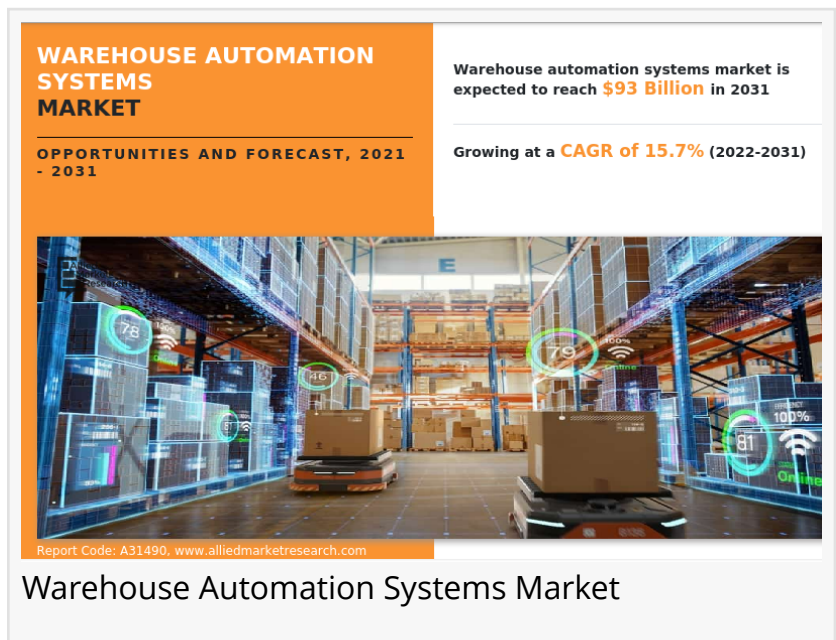


# Warehouse Automation Systems Market Anticipated to Attain \$93 Billion By 2031, at 15.7% CAGR

*Surge in the adoption of IoT and robotics in warehouse management systems to drive the growth of the global warehouse automation systems market.*

WILMINGTON, DE, UNITED STATES, January 2, 2025 /EINPresswire.com/ -- According to a report by Allied Market Research titled "[Warehouse Automation Systems Market](#)", the market was valued at \$21.7 billion in 2021 and is projected to reach \$93 billion by 2031, growing at a CAGR of 15.7% from 2022 to 2031.



The image shows the cover of a market research report. The top left has an orange header with the text 'WAREHOUSE AUTOMATION SYSTEMS MARKET' and 'OPPORTUNITIES AND FORECAST, 2021 - 2031'. To the right, a white box contains the text: 'Warehouse automation systems market is expected to reach \$93 Billion in 2031' and 'Growing at a CAGR of 15.7% (2022-2031)'. The central image is a futuristic warehouse with blue lighting, shelves, and two autonomous mobile robots (AMRs) carrying boxes. Overlaid on the image are several circular data points with numbers: 78, 79, 76, and 100%. At the bottom left of the image, it says 'Report Code: A31490, www.alliedmarketresearch.com'. Below the image, the title 'Warehouse Automation Systems Market' is written in a dark font.

## Overview and Applications

Warehouse automation involves the use of advanced technologies to streamline various warehouse operations such as palletizing, de-palletizing, transportation, picking, placing, and packaging. By reducing human intervention, this technology minimizes errors and enhances operational efficiency. It finds applications across multiple industries, including e-commerce, automotive, electrical and electronics, food and beverages, and pharmaceuticals.

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The market's growth is driven by increased investments in research and development, rising adoption of IoT and robotics in warehouse management, and a surge in e-commerce sales. Despite these growth drivers, challenges such as the lack of skilled workforce, high setup and installation costs for warehouse robots, and significant capital investment requirements hinder market growth. However, the increasing adoption of advanced technologies like artificial intelligence (AI), big data, and machine learning (ML) offers lucrative opportunities for market expansion.

## Market Segmentation

The market is segmented based on automation type, where the physical automation segment held the largest share in 2021. This segment's dominance is attributed to its ability to reduce employee movement and create more efficient workflows. Meanwhile, the digital automation segment is expected to witness the highest growth rate during the forecast period, driven by the adoption of advanced technologies to minimize manual workflows.

## Regional Insights

In 2021, North America led the market, thanks to significant advancements in automation technology, particularly in developed countries like the United States. Asia-Pacific, however, is anticipated to experience notable growth during the forecast period, fueled by an increase in warehouse establishments and innovations in automation technology.

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## Impact of COVID-19

The COVID-19 pandemic caused a surge in demand for financial resources due to public panic, leading to a dramatic increase in transaction volumes. To address the pandemic's challenges, many companies implemented proactive strategies to mitigate its business impact. For example, in May 2020, Honeywell expedited the development of vaccines and medical therapies using advanced automation technologies. Similarly, in April 2020, ABB provided free access to its software-as-a-service and digital applications to support manufacturing plants and processing industries. These developments underline the growing importance of automation technologies and their role in driving market growth.

## Key Findings:

1. The solution segment dominated the market by offering in 2021.
2. North America generated the highest revenue among regions in 2021.
3. The physical automation segment led the market by automation type in 2021.

## Competitive Landscape

Major players in the warehouse automation systems market include ABB, Badger Meter, Honeywell International Inc., Hydropoint, IBM Corporation, Itron, Landis+Gyr, Neptune Technology, Oracle Corporation, Schneider Electric SE, Siemens AG, Suez, Takadu, Trimble Inc., Xenius, Ayyeka, and Ketos. These companies are adopting diverse strategies to expand their market presence and strengthen their competitive positions.

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## About Us:

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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.

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