+44 20 8123 2220
info@marketpublishers.com

Global Internet of Things in Warehouse Management Market Size Study, by Devices, Application, Enterprises (SME, Large Enterprises), End Use, and Regional Forecasts 2022-2032

https://marketpublishers.com/r/G6BB7CEDADA0EN.html
Date: February 2025
Pages: 285
Price: US$ 4,950.00 (Single User License)
ID: G6BB7CEDADA0EN

Abstracts

The Global Internet of Things (IoT) in Warehouse Management Market is valued at approximately USD 10.4 billion in 2023 and is poised to grow at an impressive compound annual growth rate (CAGR) of 8.3% during the forecast period from 2024 to 2032. IoT-enabled warehouse management represents a transformative shift in logistics and inventory management by integrating advanced sensors, connected devices, and real-time analytics. This technological evolution is redefining operational efficiency, enhancing inventory visibility, and enabling predictive maintenance, thus fostering a competitive edge in supply chain management. The convergence of IoT with AI-driven analytics is unlocking unprecedented opportunities for optimizing warehouse operations.

The surging adoption of IoT devices in warehouse management systems is driven by the growing need for real-time monitoring and control over inventory levels and asset movements. Organizations are leveraging IoT to streamline processes, minimize operational downtime, and reduce costs. Despite the promising growth trajectory, challenges such as data security concerns, high initial investment requirements, and complex integration processes may hinder market adoption. However, the increasing emphasis on automation and the proliferation of connected devices in logistics offer a fertile ground for market expansion.

As the IoT ecosystem matures, innovative applications such as robotic process automation (RPA) in warehouses and AI-powered predictive analytics are gaining prominence. These advancements are empowering businesses to achieve seamless coordination, adaptive decision-making, and dynamic resource allocation. Furthermore,

+44 20 8123 2220
info@marketpublishers.com

initiatives by governments and private entities to develop smart infrastructure are accelerating the adoption of IoT in warehouse management, particularly in emerging economies.

Regionally, North America dominated the market in 2023, owing to its advanced logistics infrastructure, high penetration of IoT technologies, and significant investments in supply chain innovation. Meanwhile, the Asia Pacific region is projected to exhibit the fastest growth over the forecast period, fueled by rapid industrialization, expanding e-commerce sectors, and growing adoption of IoT solutions in countries such as China, India, and Japan.

Major market players included in this report are:

Zebra Technologies Corporation

Honeywell International Inc.

Cisco Systems, Inc.

IBM Corporation

SAP SE

Intel Corporation

Amazon Web Services, Inc. (AWS)

Oracle Corporation

PTC Inc.

Bosch Group

Siemens AG

Microsoft Corporation

HCL Technologies Limited

+44 20 8123 2220
info@marketpublishers.com

Rockwell Automation, Inc.

Samsung Electronics Co., Ltd.

The detailed segments and sub-segments of the market are explained below:

By Devices:

Sensors

RFID Tags

GPS Trackers

IoT Gateways

By Application:

Inventory Management

Fleet Management

Predictive Maintenance

Order Fulfillment

By Enterprises:

Small and Medium Enterprises (SMEs)

Large Enterprises

By End Use:

Retail and E-commerce

+44 20 8123 2220
info@marketpublishers.com

- Automotive
- Food and Beverage
- Healthcare
- Logistics and Transportation

By Region: North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Spain
- Italy
- Rest of Europe

Asia Pacific

- China
- India
- Japan

+44 20 8123 2220
info@marketpublishers.com

- Australia
- South Korea
- Rest of Asia Pacific

Latin America

- Brazil
- Mexico
- Rest of Latin America

Middle East & Africa

- Saudi Arabia
- South Africa
- Rest of Middle East & Africa

Years considered for the study are as follows:

- Historical Year: 2022
- Base Year: 2023
- Forecast Period: 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.

+44 20 8123 2220
info@marketpublishers.com

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

+44 20 8123 2220
info@marketpublishers.com

Contents

CHAPTER 1. GLOBAL INTERNET OF THINGS IN WAREHOUSE MANAGEMENT MARKET EXECUTIVE SUMMARY

1.1. Global IoT in Warehouse Management Market Size & Forecast (2022-2032)
1.2. Regional Summary
1.3. Segmental Summary
  1.3.1. By Devices
Sensors
RFID Tags
GPS Trackers
IoT Gateways
  1.3.2. By Application
Inventory Management
Fleet Management
Predictive Maintenance
Order Fulfillment
  1.3.3. By Enterprises
Small and Medium Enterprises (SMEs)
Large Enterprises
  1.3.4. By End Use
Retail and E-commerce
Automotive
Food and Beverage
Healthcare
Logistics and Transportation
1.4. Key Trends
1.5. Recession Impact
1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL INTERNET OF THINGS IN WAREHOUSE MANAGEMENT MARKET DEFINITION AND RESEARCH ASSUMPTIONS

2.1. Research Objective
2.2. Market Definition
2.3. Research Assumptions
  2.3.1. Inclusion & Exclusion
  2.3.2. Limitations

+44 20 8123 2220
info@marketpublishers.com

2.3.3. Supply Side Analysis
Availability
Infrastructure
Regulatory Environment
Market Competition
Economic Viability (Consumer’s Perspective)
2.3.4. Demand Side Analysis
Regulatory Frameworks
Technological Advancements
Environmental Considerations
Consumer Awareness & Acceptance
2.4. Estimation Methodology
2.5. Years Considered for the Study
2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL INTERNET OF THINGS IN WAREHOUSE MANAGEMENT MARKET DYNAMICS

3.1. Market Drivers
3.1.1. Real-Time Inventory Tracking and Monitoring
3.1.2. Enhanced Operational Efficiency through Automation
3.1.3. AI-Driven Predictive Maintenance
3.2. Market Challenges
3.2.1. Data Security and Privacy Concerns
3.2.2. High Initial Investment and Integration Costs
3.2.3. Complex Integration Processes with Legacy Systems
3.3. Market Opportunities
3.3.1. Adoption of AI-Powered Analytics and Robotic Process Automation (RPA)
3.3.2. Expansion of Smart Infrastructure Initiatives
3.3.3. Growing Penetration in Emerging Economies

CHAPTER 4. GLOBAL INTERNET OF THINGS IN WAREHOUSE MANAGEMENT MARKET INDUSTRY ANALYSIS

4.1. Porter’s 5 Force Model
4.1.1. Bargaining Power of Suppliers
4.1.2. Bargaining Power of Buyers
4.1.3. Threat of New Entrants
4.1.4. Threat of Substitutes

+44 20 8123 2220
info@marketpublishers.com

4.1.5. Competitive Rivalry
4.1.6. Futuristic Approach to Porter’s 5 Force Model
4.1.7. Porter’s 5 Force Impact Analysis
4.2. PESTEL Analysis
4.2.1. Political
4.2.2. Economical
4.2.3. Social
4.2.4. Technological
4.2.5. Environmental
4.2.6. Legal
4.3. Top Investment Opportunity
4.4. Top Winning Strategies
4.5. Disruptive Trends
4.6. Industry Expert Perspective
4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL INTERNET OF THINGS IN WAREHOUSE MANAGEMENT MARKET SIZE & FORECASTS BY DEVICES 2022-2032

5.1. Segment Dashboard
5.2. Revenue Trend Analysis by Devices, 2022 & 2032 (USD Million/Billion)
5.2.1. Sensors
5.2.2. RFID Tags
5.2.3. GPS Trackers
5.2.4. IoT Gateways

CHAPTER 6. GLOBAL INTERNET OF THINGS IN WAREHOUSE MANAGEMENT MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

6.1. Segment Dashboard
6.2. Revenue Trend Analysis by Application, 2022 & 2032 (USD Million/Billion)
6.2.1. Inventory Management
6.2.2. Fleet Management
6.2.3. Predictive Maintenance
6.2.4. Order Fulfillment

CHAPTER 7. GLOBAL INTERNET OF THINGS IN WAREHOUSE MANAGEMENT MARKET SIZE & FORECASTS BY REGION 2022-2032

+44 20 8123 2220
info@marketpublishers.com

7.1. North America
7.1.1. U.S.
7.1.2. Canada
7.2. Europe
7.2.1. UK
7.2.2. Germany
7.2.3. France
7.2.4. Spain
7.2.5. Italy
7.2.6. Rest of Europe
7.3. Asia Pacific
7.3.1. China
7.3.2. India
7.3.3. Japan
7.3.4. Australia
7.3.5. South Korea
7.3.6. Rest of Asia Pacific
7.4. Latin America
7.4.1. Brazil
7.4.2. Mexico
7.4.3. Rest of Latin America
7.5. Middle East & Africa
7.5.1. Saudi Arabia
7.5.2. South Africa
7.5.3. Rest of Middle East & Africa

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis
8.1.1. Zebra Technologies Corporation
8.1.2. Honeywell International Inc.
8.1.3. Cisco Systems, Inc.
8.2. Top Market Strategies
8.3. Company Profiles
8.3.1. Zebra Technologies Corporation
8.3.1.1. Key Information
8.3.1.2. Overview
8.3.1.3. Financial (Subject to Data Availability)
8.3.1.4. Product Summary

+44 20 8123 2220
info@marketpublishers.com

8.3.1.5. Market Strategies
8.3.2. Honeywell International Inc.
8.3.3. Cisco Systems, Inc.
8.3.4. IBM Corporation
8.3.5. SAP SE
8.3.6. Intel Corporation
8.3.7. Amazon Web Services, Inc. (AWS)
8.3.8. Oracle Corporation
8.3.9. PTC Inc.
8.3.10. Bosch Group
8.3.11. Siemens AG
8.3.12. Microsoft Corporation
8.3.13. HCL Technologies Limited
8.3.14. Rockwell Automation, Inc.
8.3.15. Samsung Electronics Co., Ltd.

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process
9.1.1. Data Mining
9.1.2. Analysis
9.1.3. Market Estimation
9.1.4. Validation
9.1.5. Publishing
9.2. Research Attributes

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

TABLE 1. Global IoT in Warehouse Management Market, Report Scope
TABLE 2. Global IoT in Warehouse Management Market Estimates & Forecast by Region 2022-2032 (USD Million/Billion)
TABLE 3. Global IoT in Warehouse Management Market Estimates & Forecast by Devices 2022-2032 (USD Million/Billion)
TABLE 4. Global IoT in Warehouse Management Market Estimates & Forecast by Application 2022-2032 (USD Million/Billion)
TABLE 5. Global IoT in Warehouse Management Market Estimates & Forecast by Enterprises 2022-2032 (USD Million/Billion)
TABLE 6. Global IoT in Warehouse Management Market Estimates & Forecast by End Use 2022-2032 (USD Million/Billion)
TABLE 7. Global IoT in Warehouse Management Market by Segment, Estimates & Forecast 2022-2032 (USD Million/Billion)
TABLE 8. North America IoT in Warehouse Management Market Estimates & Forecast 2022-2032 (USD Million/Billion)
TABLE 9. Europe IoT in Warehouse Management Market Estimates & Forecast 2022-2032 (USD Million/Billion)
TABLE 10. Asia Pacific IoT in Warehouse Management Market Estimates & Forecast 2022-2032 (USD Million/Billion)
TABLE 11. Latin America IoT in Warehouse Management Market Estimates & Forecast 2022-2032 (USD Million/Billion)
TABLE 12. Middle East & Africa IoT in Warehouse Management Market Estimates & Forecast 2022-2032 (USD Million/Billion)
(Additional tables may be included in the final report)

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

FIG 1. Global IoT in Warehouse Management Market, Research Methodology
FIG 2. Global IoT in Warehouse Management Market, Market Estimation Techniques
FIG 3. Global IoT in Warehouse Management Market Size Estimates & Forecast Methods
FIG 4. Global IoT in Warehouse Management Market, Key Trends 2023
FIG 5. Global IoT in Warehouse Management Market, Growth Prospects 2022-2032
FIG 6. Global IoT in Warehouse Management Market, Porter's 5 Force Model
FIG 7. Global IoT in Warehouse Management Market, PESTEL Analysis
FIG 8. Global IoT in Warehouse Management Market, Value Chain Analysis
FIG 9. Global IoT in Warehouse Management Market by Segment, 2022 & 2032 (USD Million/Billion)
FIG 10. Global IoT in Warehouse Management Market, Regional Snapshot 2022 & 2032
FIG 11. North America IoT in Warehouse Management Market, 2022 & 2032 (USD Million/Billion)
FIG 12. Europe IoT in Warehouse Management Market, 2022 & 2032 (USD Million/Billion)
FIG 13. Asia Pacific IoT in Warehouse Management Market, 2022 & 2032 (USD Million/Billion)
FIG 14. Latin America IoT in Warehouse Management Market, 2022 & 2032 (USD Million/Billion)
FIG 15. Middle East & Africa IoT in Warehouse Management Market, 2022 & 2032 (USD Million/Billion)
FIG 16. Global IoT in Warehouse Management Market, Company Market Share Analysis (2023)
(Additional figures may be included in the final report)

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Internet of Things in Warehouse Management Market Size Study, by Devices, Application, Enterprises (SME, Large Enterprises), End Use, and Regional Forecasts 2022-2032

Product link: https://marketpublishers.com/r/G6BB7CEDADA0EN.html

Price: US$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G6BB7CEDADA0EN.html