

Global Retail Automation Market Size study & Forecast, by Type (Hardware, Software), by End-User (Grocery, General Merchandise, Hospitality), and Regional Analysis, 2023-2030

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Abstracts

Global Retail Automation Market is valued approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. The Retail Automation market refers to the application of various technologies and solutions to automate and streamline retail operations and processes. It involves the use of innovative technologies such as artificial intelligence (AI), machine learning (ML), robotics, Internet of Things (IoT), and data analytics to improve efficiency, enhance customer experience, optimize inventory management, and drive overall operational effectiveness in the retail industry. The major driving factors for the Global Retail Automation Market are rising retail sales and changing consumer preference. Moreover, rising demand for automation and growing digital payment is creating lucrative growth opportunity for the market over the forecast period 2023-2030.

According to Phonic's 'Store of the Future Report' in 2019, an overwhelming majority of Americans (86%) expressed their belief that mobile apps would enable them to scan groceries while shopping and make payments through an app within the next five years. Grabango, a technology company, is actively collaborating with three of the top thirty grocers listed in Progressive Grocer's Super 50 and one of the top 10 convenience stores. When a shopper enters the store, Grabango assigns them a 'virtual basket.' The company utilizes its proprietary hardware called 'G rails,' which consists of a large number of low-cost sensors placed along the aisles to facilitate this process. However, the high cost of Retail Automation stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Retail Automation Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is a dominating market for Retail Automation, driven by the advanced retail industry, technological innovation, and the presence of major retail automation solution providers. The United States and Canada are key contributors to the market in this region. The adoption of technologies such as self-checkout systems, electronic shelf labels, and inventory management solutions is high in this region. Asia Pacific is a rapidly growing market for Retail Automation, fueled by the increasing urbanization, expanding retail sector, and rising consumer demand. Countries like China, Japan, India, South Korea, and Australia are key contributors to the market in this region. The adoption of technologies such as self-service kiosks, mobile payments, and smart vending machines is on the rise.

Major market player included in this report are:

Toshiba Global Commerce Solutions

NCR Corporation

Diebold Nixdorf, Incorporated

Fujitsu Limited

Honeywell International Inc.

Zebra Technologies Corporation

Wincor Nixdorf (now part of Diebold Nixdorf)

Posiflex Technology, Inc.

Verifone Systems, Inc.

ECR Software Corporation

Recent Developments in the Market:

In May 2020, Datalogic made an investment in AWM Smart Shelf, a computer vision and artificial intelligence (AI) company based in California. AWM Smart

Shelf provides a range of solutions tailored to the retail sector, encompassing both grocery and non-grocery segments.

Global Retail Automation Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, End-User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Hardware

Software

By End-User:

Grocery

General Merchandise

Hospitality

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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