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Retail Automation Market Report by Type (Point-of-Sale (POS), Barcode and RFID, Electronic Shelf Label (ESL), Camera, Autonomous Guided Vehicle (AGV), and Others), Implementation (In-store, Warehouse), End User (Supermarkets and Hypermarkets, Single Item Stores, Fuel Stations, Retail Pharmacies), and Region 2023-2028

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Abstracts

The global retail automation market size reached US$ 16.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US$ 28.5 Billion by 2028, exhibiting a growth rate (CAGR) of 9.43% during 2022-2028.

Retail automation is a process that automates, simplifies, and streamlines manual and repetitive processes. It includes service kiosks, self-checkout systems, mobile apps, and touch point of sale (POS) terminals. It is easy to access and saves time while reducing the cost of operations. Besides this, it assists in improving the in-store experience, enhancing efficiency, reducing human errors, improving customer experience, and keeping data updated in real-time. Nowadays, key players are integrating data intelligence to provide deep insights from business metrics for growth opportunities and increase overall sales.

Retail Automation Market Trends:
Lockdown imposed by governments of several countries to limit the spread of the coronavirus disease (COVID-19) has disrupted business operations. As a result, enterprises across the globe are leveraging intelligent solutions, such as retail automation, to adapt to the current market scenario. Moreover, retail automation aids in addressing the challenges of safety concerns, sustained revenues, labor shortages, and

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supply chain management. This, coupled with the emerging automation trend, rising volume of data, and the growing focus on better customer experience, is driving the demand for retail automation. Apart from this, the increasing adoption of digital payments is positively influencing the use of wireless POS terminals in the healthcare, transportation, and sports and entertainment sectors worldwide. Furthermore, leading players are integrating radio frequency identification (RFID) technology to provide wireless fuel management and payment system at petrol stations. It streamlines downstream supply chain operations and assists oil companies in providing an infrastructure to cater to various demands of the customers. This, in confluence with the rising sales of passenger vehicles and the increasing emphasis on automating petroleum outlets, is catalyzing the adoption of retail automation around the world.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each sub-segment of the global retail automation market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, implementation and end user.

Breakup by Type:

Point-of-Sale (POS)
Barcode and RFID
Electronic Shelf Label (ESL)
Camera
Autonomous Guided Vehicle (AGV)
Others

Breakup by Implementation:

In-store
Warehouse

Breakup by End User:

Supermarkets and Hypermarkets
Single Item Stores
Fuel Stations
Retail Pharmacies

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Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:
The competitive landscape of the industry has also been examined along with the profiles of the key players being AGS Transact Technologies Ltd., Diebold Nixdorf Incorporated, Fiserv Inc., Fujitsu Limited, Honeywell International Inc., NCR Corporation, Olea Kiosks Inc, Posiflex Technology Inc., Probiz Technologies Prvt, Sea Point China Limited, Simbe Robotics Inc. and Zebra Technologies Corporation.

Key Questions Answered in This Report:
How has the global retail automation market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global retail automation market?
What are the key regional markets?

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What is the breakup of the market based on the type?
What is the breakup of the market based on the implementation?
What is the breakup of the market based on the end user?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global retail automation market and who are the key players?
What is the degree of competition in the industry?

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