

North America Pharmacy Automation Systems Market Forecast to 2030 - Regional Analysis - by Type [Automation Medication Dispensing Systems (Product Type and Operation), Automated Packaging and Labelling Systems, Automated Table-Top Counters, Automated Storage and Retrieval Systems, and Other Types] and End User (Hospital Pharmacy, Retail Pharmacy, and Others)

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Abstracts

The North America pharmacy automation systems market was valued at US\$ 5,538.42 million in 2022 and is expected to reach US\$ 10,963.00 million by 2030; it is estimated to grow at a CAGR of 8.9% from 2022 to 2030.

Growing Adoption of Robotic Pharmacy Fuels the North America Pharmacy Automation Systems Market

In the healthcare sector, automated systems are incorporated into different processes to provide information about stock and inventory, and aid in traceability and streamlined storage. Thus, automation relieves pharmacists from labor-intensive distributive functions and enhances workflow efficiency in pharmacies. Moreover, the adoption of robotics and automated systems is rising in pharmacies in developing regions. In 2023, Oak Lawn Pharmacy partnered with Phoenix-based MedAvail Holdings to deploy 10 M4 MedCenter kiosks across Texas. Also, in 2022, the US pharmaceutical operator Walgreens announced using robots to fill prescriptions for pharmacies as there is a national lack of pharmacists and pharmacy technicians.

Leading pharmacy automation system vendors continuously focus on developments and introduction of their innovations. In February 2021, Omnicell Inc. announced the launch of its Medimat system. Medimat is a next-generation, automated dispensing

system for retail pharmacies. Medimat has been built for improved patient safety, efficient time utilization, and financial savings. Similarly, in August 2021, innovativeAspirations (iA), a commercial provider of software-enabled pharmacy fulfillment and automation solutions, launched three solutions that are integrated with Medimat's NEXiA technology to manage the fulfillment of prescribed medicines centrally. iA has also introduced SmartPod, a next-generation robot with a modular autofill unit. SmartPod allows pharmacy providers to adjust and scale their centralized fulfillment solutions. Thus, the growing adoption of robotic pharmacies with the introduction of next-generation automated systems fuels growth of the pharmacy automation systems market.

North America Pharmacy Automation Systems Market Overview

North America holds the largest share of the pharmacy automation systems market. The market in this region is split into the US, Canada, and Mexico. The growth of the market in the region is attributed to factors such as growing public awareness about automated technologies and rising strategic moves by governments and pharmacy automation system vendors. The US is the largest contributor to the pharmacy automation systems market in North America and the world. Market growth in the US is mainly attributed to the rise in medication errors and a surge in demand for pharmaceutical products. According to the study "Medication Errors," published in StatPearls in June 2020, medication errors result in 7,000-9,000 deaths annually in the US. Thus, healthcare organizations have increased developments in pharmacy automation systems to avoid medication errors. In July 2023, Capsa Healthcare, one of the US-based players, acquired MASS Medical Storage. The acquisition of MASS Medical Storage provided Capsa with expertise in making medical storage and endoscope cabinet drying systems. Additionally, the acquisition would help strengthen Capsa Healthcare's position in the global market, expanding the reach of its various pharmacy automation systems to end users such as hospitals, clinics, and ambulatory surgical centers.

North America Pharmacy Automation Systems Market Revenue and Forecast to 2030 (US\$ Million)

North America Pharmacy Automation Systems Market Segmentation

The North America pharmacy automation systems market is segmented based on type, end user, and country.

Based on type, the North America pharmacy automation systems market is segmented into automation medication dispensing systems (product type and operation), automated packaging and labelling systems, automated table-top counters, automated storage and retrieval systems, and other types. The automation medication dispensing systems segment held the largest market share in 2022.

Based on end user, the North America pharmacy automation systems market is

segmented into hospital pharmacy, retail pharmacy, and others. The hospital pharmacy segment held the largest market share in 2022.

Based on country, the North America pharmacy automation systems market is segmented into the US, Canada, and Mexico. The US dominated the North America pharmacy automation systems market share in 2022.

McKesson Corp, Becton Dickinson and Co, Capsa Solutions LLC, Omnicell Inc, Oracle Corp, ScriptPro LLC, Veradigm LLC, Innovation Associates, YUYAMA Manufacturing Co Ltd, and Swisslog Healthcare AG are some of the leading companies operating in the North America pharmacy automation systems market.

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