

North America Service Robotics - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The North America Service Robotics Market is expected to register a CAGR of 15.1% during the forecast period.

Key Highlights

- The United States is a leader in the service robotics market for field robotics, logistics, and construction within North America. The usage of robotics in this region is varied and is also used in professional cleaning.
- The military application of service robotics is high in the professional use of service robotics. In defense, both manned and unmanned types of robots are used. In unmanned use, drones are very common. Investment in the use of drones has increased in the battlegrounds for a few years. They are being used for intelligence, surveillance, and reconnaissance missions and have helped the soldiers on the ground and sitting far away to plan their next move.
- A tremendously growing number of robots for rehabilitation and non-invasive therapy make this application the largest medical one in terms of units. About 75% of medical robot suppliers are from North America and Europe, while 27% of total service robot suppliers are from North America as per IFR.
- Moreover, the labor shortage in the region is one of the driving factors for the use of service robots during the COVID-19 pandemic. For instance, UVD Robots, Danish manufacture of ultraviolet-light-disinfection robots, shipped hundreds of its machines to hospitals in China and Europe.

North America Service Robotics Market Trends

The Growing Demand of Service Robots in Healthcare Sector Aids in Market Growth

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- The North America Service market is growing at a fast pace. Service robotics is increasingly in use in the healthcare sector. They are used for a variety of reasons in healthcare, especially to assist in the operations of taking care of patients.
- The healthcare sector in this region varies in different countries. The majority of the healthcare providers in the USA belong to the private sector. According to AHA Hospital Statistics, 2021 edition, more than 57% of the hospitals are non-profit, and only around 18% are government-owned, and the rest is for profit. U.S. health care spending grew 4.6 % in 2019, reaching USD 3.8 trillion or USD 11,582 per person. As a share of the nation's Gross Domestic Product, health spending accounted for 17.7 %.
- In Canada, the majority of the healthcare sector is publicly funded, which is helpful for the citizens to get access to basic and advanced healthcare. This huge healthcare market is increasing, and the demand for robotics will increase in the period to come. The USA market has a higher percentage of demand compared to the Canadian market in this region.
- Moreover, the growth in the aging population and nursing staff shortage is driving the need for the provision of care for the elderly. As technology advances, clinicians and scientists are looking to robotics and other sensor-based technologies to aid caregivers in providing decent care services for older adults.

United States to Witness High Adoption of Service Robots

- The rush to add robots is part of a larger upswing in investment as companies in North America seek to keep up with strong demand, which in some cases has contributed to shortages of key goods.
- At the same time, many firms have struggled to lure back workers displaced by the pandemic and view robots as an alternative to adding human muscle to their assembly lines.
- Investment in research and development in the United States is aiding the invention of the service robot market amongst all sectors of industries. The service robot industry in the country is largely benefited by the developed sensor network and AI and machine learning capabilities of industries.

North America Service Robotics Industry Overview

The North America Service Robot market has a medium market concentration as the market is in developing steadily with rising demand.

- November 2021: According to data compiled by the industry group the Association for Advancing Automation, the factories, and other industrial users ordered 29,000 robots, 37% more than during the same period last year, valued at USD 1.48 billion. This points to an increase in the demand for service robots in the region.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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