

Robot Software Market to Reach USD 47.24 Billion by 2030 Growth and Trends

A robot software is a set of coded commands on a robot that tells which set of steps to be taken in certain conditions.

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/EINPresswire.com/ -- According to the report published by Allied Market Research, the global [robot software market](#) generated \$4.27 billion in 2020, and is estimated to generate \$47.24 billion by 2030, witnessing a CAGR of 27.3% from 2021 to 2030. The report provides a comprehensive analysis of changing market trends, key segments, top investment pockets, value chain, regional scenario, and competitive landscape.



Increase in need for automation and safety in organizations, rapid adoption by SMEs to lower down labor and energy costs, and surge in usage of robots in several industries drive the growth of the global robot software market.

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COVID-19 scenario:

□ Owing to decline in productivity and complete or partial disruptions in manufacturing processes during the lockdown, companies have been adopting robot software to advance their manufacturing models.

□ Rapid adoption of robotic services and industrial robots from industry verticals such as manufacturing, logistics, healthcare, and others are expected to register growth in the robot software market during the Covid-19 pandemic.

□ The implementation of automated robots to maintain and accelerate manufacturing processes led to surge in adoption of robot software across the globe.

However, high cost of implementation and rise in malware attacks on the software hinder the market growth. On the other hand, increase in adoption of IoT and AI-based robots in industries creates new opportunities in the coming years.

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The report offers detailed segmentation of the global robot software market based on software type, robot type, enterprise size, industry vertical, and region.

Based on software type, the data management and analysis software segment accounted for the largest share in 2020, holding nearly one-third of the total share, and is expected to continue its leadership status during the forecast period. However, the communication management software segment is estimated to portray the highest CAGR of 29.2% from 2021 to 2030.

Based on robot type, the industrial robots segment held the highest share in 2020, contributing to around four-fifths of the global robot software market, and is expected to continue its dominance in terms of revenue during the forecast period. However, the service robots segment is projected to manifest the largest CAGR of 30.6% from 2021 to 2030.

Based on industry vertical, the manufacturing segment accounted for the highest market share in 2020, contributing to nearly four-fifths of the total market share, and is expected to continue its lion's share during the forecast period. However, the aerospace & defense segment is estimated to witness the highest CAGR of 30.3% from 2021 to 2030.

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Based on region, Asia-Pacific accounted for the highest share in terms of revenue in 2020, holding more than two-thirds of the total share, and is projected to continue its lead position by 2030. Moreover, this region is projected to grow at the fastest CAGR of 28.1% during the forecast period. The research also analyzes regions including North America, Europe, and LAMEA.

Key players in the industry:

□ Liquid Robotics, Inc.

□ Cloudminds Technology Inc.

□ Brain Corporation

□ H2o.Ai.

□ Abb Ltd.

□ International Business Machines Corporation

□ Nvidia Corporation

□ Furhat Robotics

□ Energid Technologies Corporation

□ Aibrain Inc.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

About Us:

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients in making strategic business decisions and achieving sustainable growth in their respective market domains.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

Contact:

David Correa

5933 NE Wi

Toll-Free: 1-800-792-5285

UK: +44-845-528-1300n Sivers Drive

#205, Portland, OR 97220

United States

Hong Kong: +852-301-84916

India (Pune): +91-20-66346060

Fax: +1-855-550-5975

help@alliedmarketresearch.com

Web: <https://www.alliedmarketresearch.com>

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Allied Market Research

Allied Market Research

+ +1 800-792-5285

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