

Global Defense Robotics Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Defense Robotics market size was valued at USD 17100 million in 2023 and is forecast to a readjusted size of USD 27480 million by 2030 with a CAGR of 7.0% during review period.

Most of the countries utilize the defense robotic system or are in the process of acquiring or building the technology to incorporate into military programs. These robots are used in form of unmanned aerial vehicles (UAVs), unmanned group vehicles (UGVs) and unmanned underwater vehicles (UUVs). Unmanned group vehicles are robots that move on wheels or tracks and perform the function of sentry duties and examine the potential hostile location. Unmanned aerial vehicles are essentially remotely controlled or automated robots. The use of all these robotic system includes same purpose of replacing or supplementing human in battlefield situations. Deployment of autonomous or semi autonomous robotic system in the battle field helps in improving the military efficiency, operational performance and accuracy.

North America is the most technological advanced region in defense robotic system and Asia Pacific represents a strong opportunity due to the availability of technology in countries including China, Japan and India.

The Global Info Research report includes an overview of the development of the Defense Robotics industry chain, the market status of Firefighting (Autonomous, Human Operated), Search and Rescue (Autonomous, Human Operated), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Defense Robotics.

Regionally, the report analyzes the Defense Robotics markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Defense Robotics market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Defense Robotics market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Defense Robotics industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Autonomous, Human Operated).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Defense Robotics market.

Regional Analysis: The report involves examining the Defense Robotics market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Defense Robotics market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Defense Robotics:

Company Analysis: Report covers individual Defense Robotics manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Defense Robotics. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Firefighting, Search and Rescue).

Technology Analysis: Report covers specific technologies relevant to Defense Robotics. It assesses the current state, advancements, and potential future developments in Defense Robotics areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Defense Robotics market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Defense Robotics market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Autonomous

Human Operated

Market segment by Application

Firefighting

Search and Rescue

Transportation

Mine Clearance

Intelligence, Surveillance, and Reconnaissance (ISR)

Combat Support, EOD

Others

Major players covered

Clearpath Robotics Inc.

Lockheed Martin Corporation

Elbit System Ltd.

Thales Group

BAE Systems Plc.

Boston Dynamics

Kongsberg Gruppen

Saab AB

Northrup Grumman Corporation

AeroVironment

Boeing Company

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Defense Robotics product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Defense Robotics, with price, sales, revenue and global market share of Defense Robotics from 2019 to 2024.

Chapter 3, the Defense Robotics competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Defense Robotics breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Defense Robotics market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Defense Robotics.

Chapter 14 and 15, to describe Defense Robotics sales channel, distributors,

customers, research findings and conclusion.

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