

Global Autonomous Marine Vehicles Market Drivers, Trends And Restraints For 2022-2031

*The Business Research Company's
Autonomous Marine Vehicles Market
2022 - Opportunities And Strategies –
Global Forecast To 2030*

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As per The Business Research Company's "[Autonomous Marine Vehicles Global Market Report 2022](#)", the autonomous marine vehicles market is predicted to reach a value of \$1.99 billion in 2021, having grown at a compound annual growth rate (CAGR) of 14.2% since 2016. The global autonomous marine vehicles market size is expected to grow from \$1.99 billion in 2021 to \$4.14. billion in 2026 at a rate of 15.8%. The autonomous marine vehicles market size is then expected to grow at a CAGR of 16.8% from 2026 and reach \$9.02 billion in 2031. The growing focus towards unmanned platforms is expected to boost the autonomous marine vehicles during the forecast period.

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Key Trends In The Autonomous Marine Vehicles Market

The use of artificial intelligence (AI) in the autonomous marine vehicles market is a key trend

gaining popularity. Artificial intelligence is intelligence demonstrated by machines, which makes them think independently and take decisions themselves. AI is used in both manned and unmanned marine vehicles to enhance the safety and control of vessels. AI technology helps automate and optimize speed, immediate-course, and whole-voyage-routing for fuel-efficiency; ultimately, cost-saving for vessel owners and fleet managers. It also helps provide real-time weather, current data, an automatic identification system (AIS), and sensor data paired with computer vision and modeling that helps set direction decisions and may help recognize whether to avoid or pursue any obstacle in the underwater environment. For instance, Marine AI Ltd, a UK-based company who create artificial intelligence to enhance maritime capabilities, offers AI products such as 'Guardian System' that makes use of AI technology while ensuring regulatory compliance, paired with advanced lidar sensors from partners Ouster.

Autonomous Marine Vehicles Market Overview

The autonomous marine vehicles market consists of sales of autonomous marine vehicles. Autonomous marine vehicles are unmanned, submersible crafts, which travel below or on the surface of water, without requiring input from a human operator or operating with minimal human support. They are self-guiding and self-powered and are usually programmed beforehand and are not tethered to the ship. They also include non-autonomous remotely operated underwater vehicles (ROVs) which can be controlled and powered from the surface by an operator/pilot via an umbilical or using remote control. Autonomous marine vehicles have a variety of sensors for conducting detailed metocean surveys across vast distances and under extreme conditions and can reach shallower water than boats, and deeper water than human divers or many tethered vehicles.

Learn more on the global autonomous marine vehicles market report at:

<https://www.thebusinessresearchcompany.com/report/autonomous-marine-vehicles-market>

Autonomous Marine Vehicles Global Market Report 2022 from TBRC covers the following information:

Market Size Data

- Forecast period: Historical and Future
- By region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- By countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Autonomous Marine Vehicles Market Segmentation

- By Type: Surface Vehicle, Underwater Vehicle
- By Application: Military & Defense, Archeological, Exploration, Oil & Gas, Environmental Protection And Monitoring, Search And Salvage Operations, Oceanography
- By Technology: Imaging, Navigation, Communication, Collision Avoidance, Propulsion
- By Geography: The global autonomous marine vehicles market is segmented into North America, South America, Asia-Pacific, Eastern Europe, Western Europe, Middle East and Africa. Among these regions, Asia-Pacific holds the largest share in the market.

Major market players such as Asv Global/ASV Unmanned Marine Systems, Atlas Elektronik, Teledyne Technologies, ECA Group, and Sea Robotics Inc.

Trends, opportunities, strategies and so much more.

Autonomous Marine Vehicles Global Market Report 2022 is one of The Business Research Company's comprehensive reports that provides autonomous marine vehicles global market research and an overview of autonomous marine vehicles global market. The market report analyzes autonomous marine vehicles global market size, autonomous marine vehicles global market trends, autonomous marine vehicles global market growth drivers, autonomous marine vehicles market segments, autonomous marine vehicles global market major players, autonomous marine vehicles market growth across geographies, and autonomous marine vehicles market competitors' revenues and market positioning. The autonomous marine vehicles market report enables you to gain insights on opportunities and strategies, as well as identify countries and segments with the highest growth potential.

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The Business Research Company has published over 3000 industry reports, covering over 3000 market segments and 60 geographies. The reports draw on 150,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders. The reports are updated with a detailed analysis of the impact of COVID-19 on various markets.

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