

Global Unmanned Surface Vehicles (USVs) Market 2017-2025 by Application, Vehicle Type, Size, Hardware Component, Propulsion System and Region

<https://marketpublishers.com/r/G414BE96859EN.html>

Date: August 2017

Pages: 165

Price: US\$ 2,805.00 (Single User License)

ID: G414BE96859EN

Abstracts

The Unmanned Surface Vehicles (USV) or Autonomous Surface Vehicles (ASV) are vessels that operates on the water surface without any crew. USV are valuable for oceanographic applications, as they are more useful than the weather buoys, but more cost-effective than the weather ships or equivalent research vessels, and more adaptable than commercial vessels. Global total Capex (capital expenditure) of USVs in 2025 will advance to \$1.94 billion. This represents a continuous XX% increase yearly between 2016 and 2025 and a cumulative Capex of \$XXX billion during 2017-2025 driven by the substantial adoption of USVs for commercial purpose, defense & security, scientific research, and other applications.

Highlighted with 38 tables and 80 figures, this 165-page report “Global Unmanned Surface Vehicles (USVs) Market 2017-2025 by Application, Vehicle Type, Size, Hardware Component, Propulsion System and Region” is based on a comprehensive research of the USVs market by analyzing the entire global market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The study provides historical market data for 2014 and 2015, revenue estimates for 2016, and forecasts from 2017 till 2025.

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Five Forces

The global market is forecast in optimistic, conservative and balanced view. The balanced (most likely) projection is used to quantify global USVs market in every aspect of the classification from perspectives of application, vehicle type, vehicle size, hardware component, propulsion system and region.

Based on application, the global USVs market is segmented into the following sub-markets with annual capex included for 2014-2025 (historical and forecast) for each section.

Defense & Security (further categorized into Intelligence, Surveillance and Reconnaissance (ISR), Mine Counter Measures (MCM), Maritime Security, Military Training and Tests, Anti-Submarine Warfare (ASW), Drug Interdiction & Unlawful Immigration, Host Platform (Launch and Recovery), Communication Assurance, Counter-Piracy, and Others)

Commercial (further categorized into Oil & Gas Exploration, Ocean Data Collection and Others)

Scientific Research (further categorized into Seabed Mapping, Environmental Monitoring and Compliance, Oceanographic & Hydrographic Studies, Others)

Others

Based on vehicle type, the global market is divided into the following sub-markets with annual capex included for 2014-2025 (historical and forecast) for each section.

Remotely Operated USVs

Autonomous USVs

Based on vehicle size, the global market is analyzed on the following segments with annual capex in 2014-2025 provided for each segment.

Small USVs

Medium USVs

Large USVs

Extra-large USVs

Based on hardware component, the global market is divided and analyzed on the following segments in terms of capex for 2014-2025.

Imaging System

Sensors and Automation Systems

Steering and Positioning

Navigation System

Energy and Propulsion

Others

Based on propulsion system, the global market is segmented into the following sections and analyzed in terms of annual capex for 2014-2025.

Mechanical Systems

Hybrid Systems

Electric Systems

Others

Geographically, the following regions together with the listed national markets are fully investigated:

APAC (China, Japan, Australia, India, and Rest of APAC)

Europe (Germany, UK, France, Italy, Spain, Rest of Europe)

North America (U.S. and Canada)

Latin America (Argentina, Brazil, Mexico, Rest of Latin America)

Africa

Middle East (Saudi Arabia, UAE)

For each of the aforementioned regions and countries, detailed analysis and data for annual capex are available for 2014-2025. Breakdown of all regional markets and some national markets by application and vehicle size over the forecast years is included.

The report also covers current competitive scenario and the predicted manufacture trend; and profiles global USV vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global USVs market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND QUALITATIVE ANALYSIS

- 2.1 Market Size and Forecast
- 2.2 Market Structure
- 2.3 Major Growth Drivers
- 2.4 Market Restraints and Challenges
- 2.5 Emerging Opportunities and Market Trends
- 2.6 Porter's Fiver Forces Analysis

3 ANALYSIS OF GLOBAL MARKET BY APPLICATION

- 3.1 Market Overview by Application
- 3.2 USVs for Defense & Security: Global Market 2014-2025
- 3.3 USVs for Commercial Application: Global Market 2014-2025
- 3.4 USVs for Scientific Research: Global Market 2014-2025
- 3.5 USVs for Other Applications: Global Market 2014-2025

4 ANALYSIS OF GLOBAL MARKET BY VEHICLE TYPE

- 4.1 Market Overview by Vehicle Type
- 4.2 Remotely Operated USVs
- 4.3 Autonomous USVs

5 ANALYSIS OF GLOBAL MARKET BY VEHICLE SIZE

- 5.1 Market Overview by Vehicle Size
- 5.2 Small USVs
- 5.3 Medium USVs
- 5.4 Large USVs
- 5.5 Extra-large USVs

6 ANALYSIS OF GLOBAL MARKET BY HARDWARE COMPONENT

- 6.1 Market Overview by Hardware Component
- 6.2 Imaging System
- 6.3 Sensors and Automation Systems
- 6.4 Steering and Positioning
- 6.5 Navigation System
- 6.6 Energy and Propulsion
- 6.7 Other Hardware Components

7 ANALYSIS OF GLOBAL MARKET BY PROPULSION SYSTEM

- 7.1 Market Overview by Propulsion System
- 7.2 Mechanical Systems
- 7.3 Hybrid Systems
- 7.4 Electric System
- 7.5 Other Systems

8 ANALYSIS OF GLOBAL MARKET BY REGION

- 8.1 Geographic Market Overview by Region 2016-2025
- 8.2 North America Market 2014-2025
 - 8.2.1 Overview of North America Market
 - 8.2.2 U.S. Market
 - 8.2.3 Canadian Market
- 8.3 European Market 2014-2025
 - 8.3.1 Overview of European Market
 - 8.3.2 UK
 - 8.3.3 Germany
 - 8.3.4 France

- 8.3.5 Italy
- 8.3.6 Spain
- 8.3.7 Rest of European Market
- 8.4 Asia-Pacific Market 2014-2025
 - 8.4.1 Overview of Asia-Pacific Market
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 Australia
 - 8.4.5 India
 - 8.4.6 Rest of APAC Region
- 8.5 Latin America Market 2014-2025
 - 8.5.1 Argentina
 - 8.5.2 Brazil
 - 8.5.3 Mexico
 - 8.5.4 Rest of Latin America Market
- 8.6 Africa Market 2014-2025
- 8.7 Middle East Market 2014-2025
 - 8.7.1 Saudi Arabia
 - 8.7.2 UAE
 - 8.7.3 Rest of Middle East Market

9 COMPETITIVE LANDSCAPE

- 9.1 Overview of Global Vendors
- 9.2 Company Profiles

10 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT

- 10.1 Risk Evaluation of Global Market
- 10.2 Critical Success Factors (CSFs)

RELATED REPORTS AND PRODUCTS

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Global USVs Market, 2016-2025
Table 2. Main Product Trends and Market Opportunities in Global USVs Market
Table 3. Global Defense & Security USVs Market by Application, 2016-2025, \$ mn
Table 4. Global Commercial USVs Market by Application, 2016-2025, \$ mn
Table 5. Global Scientific Research USVs Market by Application, 2016-2025, \$ mn
Table 6. Classifications of USVs by Vehicle Size
Table 7. Leading National USVs Markets by Capex, 2016 and 2025, \$ mn
Table 8. North America USVs Market by Application, 2016-2025, \$ mn
Table 9. North America USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 10. U.S. USVs Market by Application, 2016-2025, \$ mn
Table 11. U.S. USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 12. Canada USVs Market by Application, 2016-2025, \$ mn
Table 13. Canada USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 14. Europe USVs Market by Application, 2016-2025, \$ mn
Table 15. Europe USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 16. UK USVs Market by Application, 2016-2025, \$ mn
Table 17. UK USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 18. Germany USVs Market by Application, 2016-2025, \$ mn
Table 19. Germany USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 20. France USVs Market by Application, 2016-2025, \$ mn
Table 21. France USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 22. APAC USVs Market by Application, 2016-2025, \$ mn
Table 23. APAC USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 24. China USVs Market by Application, 2016-2025, \$ mn
Table 25. China USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 26. Japan USVs Market by Application, 2016-2025, \$ mn
Table 27. Japan USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 28. Australia USVs Market by Application, 2016-2025, \$ mn
Table 29. Australia USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 30. Latin America USVs Market by Application, 2016-2025, \$ mn
Table 31. Latin America USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 32. Africa USVs Market by Application, 2016-2025, \$ mn
Table 33. Africa USVs Market by Vehicle Size, 2016-2025, \$ mn
Table 34. Middle East USVs Market by Application, 2016-2025, \$ mn
Table 35. Middle East USVs Market by Vehicle Size, 2016-2025, \$ mn

Table 36. Product Offering of Key USV Vendors

Table 37. Risk Evaluation for Investing in Global Market, 2016-2025

Table 38. Critical Success Factors and Key Takeaways

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2014-2025

Figure 4. Global USVs Market by Capex, 2014-2025, \$ mn

Figure 5. Structure and Segments of Global USVs Market

Figure 6. Primary Drivers and Impact Factors of Global USVs Market

Figure 7. Primary Restraints and Impact Factors of Global USVs Market

Figure 8. Porter's Fiver Forces Analysis of Global USVs Market

Figure 9. Breakdown of Global USVs Market by Application, 2016-2025, % of Capex

Figure 10. 2014-2025 Capex Growth Rates of Global Sub-markets by Application

Figure 11. Global Market of USVs for Defense & Security by Capex, 2014-2025, \$ mn

Figure 12. Breakdown of Global Defense & Security USVs Market by Application, 2016-2025, % of Capex

Figure 13. Global Market of USVs for Commercial Application by Capex, 2014-2025, \$ mn

Figure 14. Breakdown of Global Commercial USVs Market by Application, 2016-2025, % of Capex

Figure 15. Global Market of USVs for Scientific Research by Capex, 2014-2025, \$ mn

Figure 16. Breakdown of Global Scientific Research USVs Market by Application, 2016-2025, % of Capex

Figure 17. Global Market of USVs for Other Applications by Capex, 2014-2025, \$ mn

Figure 18. Breakdown of Global USVs Market by Vehicle Type, 2016-2025, % of Capex

Figure 19. 2014-2025 Capex Growth Rates of Global Sub-markets by Vehicle Type

Figure 20. Global Remotely Operated USVs Market, 2014-2025, \$ mn

Figure 21. Global Autonomous USVs Market by Capex, 2014-2025, \$ mn

Figure 22. Breakdown of Global USV Market by Vehicle Size, 2016, % of Fleet

Figure 23. Breakdown of Global USV Market by Vehicle Size, 2016-2025, % of Capex

Figure 24. 2014-2025 Capex Growth Rates of Global Sub-markets by Vehicle Size

Figure 25. Global Small USVs Market by Capex, 2014-2025, \$ mn

Figure 26. Global Medium USVs Market by Capex, 2014-2025, \$ mn

Figure 27. Global Large USVs Market by Capex, 2014-2025, \$ mn

Figure 28. Global Extra-large USVs Market by Capex, 2014-2025, \$ mn

Figure 29. Breakdown of Global USV Hardware Market by Component, 2016-2025, % of Capex

Figure 30. 2014-2025 Capex Growth Rates of Global Sub-markets by Hardware Component

Figure 31. Global Market of USV Imaging System, 2014-2025, \$ mn

Figure 32. Global Market of USV Sensors and Automation Systems, 2014-2025, \$ mn

Figure 33. Global Market of USV Steering and Positioning System, 2014-2025, \$ mn

Figure 34. Global Market of USV Navigation System, 2014-2025, \$ mn

Figure 35. Global Market of USV Energy and Propulsion System, 2014-2025, \$ mn

Figure 36. Global Market of Other USV Hardware Components, 2014-2025, \$ mn

Figure 37. Breakdown of Global USVs Market by Propulsion System, 2016-2025, % of Capex

Figure 38. 2014-2025 Capex Growth Rates of Global Sub-markets by Propulsion System

Figure 39. Global Mechanical USVs Market by Capex, 2014-2025, \$ mn

Figure 40. Global Hybrid USVs Market by Capex, 2014-2025, \$ mn

Figure 41. Global Electric USVs Market by Capex, 2014-2025, \$ mn

Figure 42. Global Market of USVs with Other Propulsion Systems by Capex, 2014-2025, \$ mn

Figure 43. Geographic Spread of Worldwide USVs Market, 2016-2025, % of Capex

Figure 44. 2016-2025 Capex Growth Rates of Main Regional Markets

Figure 45. North American USVs Market by Capex, 2014-2025, \$ mn

Figure 46. Breakdown of North America USVs Market by Country, 2016 and 2025, % of Capex

Figure 47. 2014-2025 Capex Growth Rates of National Markets in North America

Figure 48. U.S. USVs Market by Capex, 2014-2025, \$ mn

Figure 49. Canada USVs Market by Capex, 2014-2025, \$ mn

Figure 50. European USVs Market by Capex, 2014-2025, \$ mn

Figure 51. Breakdown of European USVs Market by Country, 2016 and 2025, % of Capex

Figure 52. 2014-2025 Capex Growth Rates of National Markets in Europe

Figure 53. USVs Market in UK by Capex, 2014-2025, \$ mn

Figure 54. USVs Market in Germany by Capex, 2014-2025, \$ mn

Figure 55. USVs Market in France by Capex, 2014-2025, \$ mn

Figure 56. USVs Market in Italy by Capex, 2014-2025, \$ mn

Figure 57. USVs Market in Spain by Capex, 2014-2025, \$ mn

Figure 58. USVs Market in Rest of Europe by Capex, 2014-2025, \$ mn

Figure 59. Asia-Pacific USVs Market by Capex, 2014-2025, \$ mn

Figure 60. Breakdown of APAC USVs Market by Country, 2016 and 2025, % of Capex

Figure 61. 2014-2025 Capex Growth Rates of National Markets in APAC

Figure 62. USVs Market in China by Capex, 2014-2025, \$ mn

Figure 63. USVs Market in Japan by Capex, 2014-2025, \$ mn

Figure 64. USVs Market in Australia by Capex, 2014-2025, \$ mn

Figure 65. USVs Market in India by Capex, 2014-2025, \$ mn

Figure 66. USVs Market in Rest APAC by Capex, 2014-2025, \$ mn

Figure 67. Latin America USVs Market by Capex, 2014-2025, \$ mn

Figure 68. Breakdown of Latin America USVs Market by Country, 2016 and 2025, % of Capex

Figure 69. 2014-2025 Capex Growth Rates of National Markets in Latin America

Figure 70. USVs Market in Argentina by Capex, 2014-2025, \$ mn

Figure 71. USVs Market in Brazil by Capex, 2014-2025, \$ mn

Figure 72. USVs Market in Mexico by Capex, 2014-2025, \$ mn

Figure 73. USVs Market in Rest of Latin America by Capex, 2014-2025, \$ mn

Figure 74. Africa USVs Market by Capex, 2014-2025, \$ mn

Figure 75. Middle East USVs Market by Capex, 2014-2025, \$ mn

Figure 76. Breakdown of Middle East USVs Market by Country, 2016 and 2025, % of Capex

Figure 77. 2014-2025 Capex Growth Rates of National Markets in Middle East

Figure 78. USVs Market in Saudi Arabia by Capex, 2014-2025, \$ mn

Figure 79. USVs Market in UAE by Capex, 2014-2025, \$ mn

Figure 80. Growth Stage of Global USVs Industry over the Forecast Period

I would like to order

Product name: Global Unmanned Surface Vehicles (USVs) Market 2017-2025 by Application, Vehicle Type, Size, Hardware Component, Propulsion System and Region

Product link: <https://marketpublishers.com/r/G414BE96859EN.html>

Price: US\$ 2,805.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G414BE96859EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

