

Global Integrated Marine Automation System Market by Autonomy (Autonomous, Remotely-operated, Partial Automation), Ship Type (Commercial, Defense, Unmanned), End User (OEM, Aftermarket), Solution (Products, Services), System (Power Management System, Vessel Management System, Process Control System, Safety System), Regional Forecasts 2021-2027

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Abstracts

Global Integrated Marine Automation System Market is valued approximately at USD 4.9 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 10% over the forecast period 2021-2027. The marine automation system is a distributed monitoring and control system. Several factors, including level, pressure, speed, couple control, temperature, vessel position, flow control and many more, have to be managed and monitored throughout ship operation. This system has a flexible design which makes it suitable for a variety of offshore task applications. In addition, support systems to enhance the overall safety of vessels, save space, increase operational effectiveness and reduce training costs. An integrated marine autonomous control and monitoring system comprises a ship. It helps optimize engines for ships, propulsions, steering systems, thrusters, ballasts and other systems. Increase in software development and growing IoT adoption of real time decision making drive the market growth in upcoming years. In ships, software plays a key role. It ensures smooth ship operations, timely ship health monitoring and excellent control of ship traffic. In September 2020, Windward (UK) introduced MAIA 4.0, a programme which can scan, search and analyses marine dynamics to connect data and detect potential risks. Maritime Artificial Intelligence Analytics (MAIA). Dynamic, predictive intelligent software is used to connect patterns

and profiles on the basis of the identification of a ship, the cargo, locations and travel patterns. The programme was developed to detect abnormalities of movement. Furthermore, The market is also driven by growing seaborne industry. International seaborne trade was at a pace in 2017, with volumes expanding by 4%, the fastest growing in the past five years and continue growing at present, according to the United Nations. Developing economies, like the Asian area, continue to make a significant contribution. However, vulnerability associated with cyber threats, may impede market growth over the forecast period of 2021-2027.

Geographically, Asia Pacific is dominating the integrated marine automation system market owing to rapid economic development over the years and increasing maritime trade. Furthermore, rise in sea trade has subsequently led to an increasing demand for ship to transport manufacturing goods worldwide.

Major market player included in this report are:

Honeywell International Inc
General Electric
Northrop Grumman Corporation
Rolls-Royce Plc
Kongsberg
Rockwell Automation, Inc
Marine Technologies LLC
Mitsui E&S Holdings Co., Ltd
Aselsan A.S.
Samsung Heavy Industries Co., Ltd

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report

shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Autonomy:

Partial Automation

Remotely-operated

Autonomous

By Solution:

Product

Service

By Ship type:

Commercial

Defence

Unmanned

By End User:

OEM

Aftermarket

By System:

Power Management System

Vessel Management System

Process Control System

Safety System

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027.

Target Audience of the Global Integrated Marine Automation System Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Integrated Marine Automation System Market , by Region, 2019-2027 (USD Billion)
 - 1.2.2. Integrated Marine Automation System Market, by Autonomy, 2019-2027 (USD Billion)
 - 1.2.3. Integrated Marine Automation System Market, by Solution, 2019-2027 (USD Billion)
 - 1.2.4. Integrated Marine Automation System Market , by ship type, 2019-2027 (USD Billion)
 - 1.2.5. Integrated Marine Automation System Market , by End user, 2019-2027 (USD Billion)
 - 1.2.6. Integrated Marine Automation System Market , by system, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET DYNAMICS

- 3.1. Integrated Marine Automation System Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing software development
 - 3.1.1.2. Adoption of the internet of things (IoT) for real-time decision making

3.1.2. Market Restraint

3.1.2.1. Vulnerability associated with cyber threats

3.1.3. Market Opportunities

3.1.3.1. Advancement in sensor technologies for improved navigation systems in vessels

CHAPTER 4. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)

4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET , BY AUTONOMY

5.1. Market Snapshot

5.2. Global Integrated Marine Automation System Market by autonomy, Performance - Potential Analysis

5.3. Global Integrated Marine Automation System Market Estimates & Forecasts by autonomy 2018-2027 (USD Billion)

5.4. Integrated Marine Automation System Market , Sub Segment Analysis

5.4.1. Partial Automation

5.4.2. Remotely-operated

5.4.3. Autonomous

CHAPTER 6. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET , BY SOLUTION

- 6.1. Market Snapshot
- 6.2. Global Integrated Marine Automation System Market by Solution, Performance - Potential Analysis
- 6.3. Global Integrated Marine Automation System Market Estimates & Forecasts by solution 2018-2027 (USD Billion)
- 6.4. Integrated Marine Automation System Market , Sub Segment Analysis
 - 6.4.1. Product
 - 6.4.2. Services

CHAPTER 7. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET , BY SHIP TYPE

- 7.1. Market Snapshot
- 7.2. Global Integrated Marine Automation System Market by ship type, Performance - Potential Analysis
- 7.3. Global Integrated Marine Automation System Market Estimates & Forecasts by ship type 2018-2027 (USD Billion)
- 7.4. Integrated Marine Automation System Market , Sub Segment Analysis
 - 7.4.1. Commercial
 - 7.4.2. Defence
 - 7.4.3. Unmanned

CHAPTER 8. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET , BY END USER

- 8.1. Market Snapshot
- 8.2. Global Integrated Marine Automation System Market by end user, Performance - Potential Analysis
- 8.3. Global Integrated Marine Automation System Market Estimates & Forecasts by end user 2018-2027 (USD Billion)
- 8.4. Integrated Marine Automation System Market , Sub Segment Analysis
 - 8.4.1. OEM
 - 8.4.2. Aftermarket

CHAPTER 9. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET , BY SYSTEM

- 9.1. Market Snapshot

9.2. Global Integrated Marine Automation System Market by system, Performance - Potential Analysis

9.3. Global Integrated Marine Automation System Market Estimates & Forecasts by system 2018-2027 (USD Billion)

9.4. Integrated Marine Automation System Market , Sub Segment Analysis

9.4.1. Power Management System

9.4.2. Vessel Management System

9.4.3. Process Control System

9.4.4. Safety System

CHAPTER 10. GLOBAL INTEGRATED MARINE AUTOMATION SYSTEM MARKET , REGIONAL ANALYSIS

10.1. Integrated Marine Automation System Market , Regional Market Snapshot

10.2. North America Integrated Marine Automation System Market

10.2.1. U.S. Integrated Marine Automation System Market

10.2.1.1. Autonomy breakdown estimates & forecasts, 2018-2027

10.2.1.2. Solution breakdown estimates & forecasts, 2018-2027

10.2.1.3. Ship type breakdown estimates & forecasts, 2018-2027

10.2.1.4. End Use breakdown estimates & forecasts, 2018-2027

10.2.1.5. System breakdown estimates & forecasts, 2018-2027

10.2.2. Canada Integrated Marine Automation System Market

10.3. Europe Integrated Marine Automation System Market Snapshot

10.3.1. U.K. Integrated Marine Automation System Market

10.3.2. Germany Integrated Marine Automation System Market

10.3.3. France Integrated Marine Automation System Market

10.3.4. Spain Integrated Marine Automation System Market

10.3.5. Italy Integrated Marine Automation System Market

10.3.6. Rest of Europe Integrated Marine Automation System Market

10.4. Asia-Pacific Integrated Marine Automation System Market Snapshot

10.4.1. China Integrated Marine Automation System Market

10.4.2. India Integrated Marine Automation System Market

10.4.3. Japan Integrated Marine Automation System Market

10.4.4. Australia Integrated Marine Automation System Market

10.4.5. South Korea Integrated Marine Automation System Market

10.4.6. Rest of Asia Pacific Integrated Marine Automation System Market

10.5. Latin America Integrated Marine Automation System Market Snapshot

10.5.1. Brazil Integrated Marine Automation System Market

10.5.2. Mexico Integrated Marine Automation System Market

10.6. Rest of The World Integrated Marine Automation System Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

11.1. Top Market Strategies

11.2. Company Profiles

11.2.1. Honeywell International Inc

11.2.1.1. Key Information

11.2.1.2. Overview

11.2.1.3. Financial (Subject to Data Availability)

11.2.1.4. Product Summary

11.2.1.5. Recent Developments

11.2.2. General Electric

11.2.3. Northrop Grumman Corporation

11.2.4. Rolls-Royce Plc

11.2.5. Kongsberg

11.2.6. Rockwell Automation, Inc

11.2.7. Marine Technologies LLC

11.2.8. Mitsui E&S Holdings Co., Ltd

11.2.9. Aselsan A.S.

11.2.10. Samsung Heavy Industries Co., Ltd

CHAPTER 12. RESEARCH PROCESS

12.1. Research Process

12.1.1. Data Mining

12.1.2. Analysis

12.1.3. Market Estimation

12.1.4. Validation

12.1.5. Publishing

12.2. Research Attributes

12.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Integrated Marine Automation System Market , report scope

TABLE 2. Global Integrated Marine Automation System Market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global Integrated Marine Automation System Market estimates & forecasts by Autonomy 2018-2027 (USD Billion)

TABLE 4. Global Integrated Marine Automation System Market estimates & forecasts by Solution 2018-2027 (USD Billion)

TABLE 5. Global Integrated Marine Automation System Market estimates & forecasts by Ship type 2018-2027 (USD Billion)

TABLE 6. Global Integrated Marine Automation System Market estimates & forecasts by End User 2018-2027 (USD Billion)

TABLE 7. Global Integrated Marine Automation System Market estimates & forecasts by System 2018-2027 (USD Billion)

TABLE 8. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. Global Integrated Marine Automation System Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. Global Integrated Marine Automation System Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 24. U.S. Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. U.S. Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. U.S. Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Canada Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. Canada Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. Canada Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. UK Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. UK Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. UK Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. Germany Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. Germany Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. Germany Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. France Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. France Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. France Integrated Marine Automation System Market estimates & forecasts

by segment 2018-2027 (USD Billion)

TABLE 39. Spain Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. Spain Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. Spain Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Italy Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. Italy Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Italy Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. ROE Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. ROE Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. ROE Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. China Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. China Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. China Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. India Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. India Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. India Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Japan Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 55. Japan Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 56. Japan Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. Australia Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 58. Australia Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 59. Australia Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 60. South Korea Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 61. South Korea Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 62. South Korea Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. ROPAC Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 64. ROPAC Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 65. ROPAC Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Brazil Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 67. Brazil Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 68. Brazil Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Mexico Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 70. Mexico Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 71. Mexico Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROLA Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 73. ROLA Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 74. ROLA Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROW Integrated Marine Automation System Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 76. ROW Integrated Marine Automation System Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 77. ROW Integrated Marine Automation System Market estimates & forecasts

by segment 2018-2027 (USD Billion)

TABLE 78. List of secondary sources used in the study of global Integrated Marine Automation System Market .

TABLE 79. List of primary sources used in the study of global Integrated Marine Automation System Market .

TABLE 80. Years considered for the study.

TABLE 81. Exchange rates considered.

List Of Figures

LIST OF FIGURES

FIG 1. Global Integrated Marine Automation System Market , research methodology

FIG 2. Global Integrated Marine Automation System Market , market estimation techniques

FIG 3. Global market size estimates & forecast methods

FIG 4. Global Integrated Marine Automation System Market , key trends 2020

FIG 5. Global Integrated Marine Automation System Market , growth prospects 2021-2027

FIG 6. Global Integrated Marine Automation System Market , porters 5 force model

FIG 7. Global Integrated Marine Automation System Market , pest analysis

FIG 8. Global Integrated Marine Automation System Market , value chain analysis

FIG 9. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 10. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 11. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 12. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 13. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 14. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 15. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 16. Global Integrated Marine Automation System Market by segment, 2018 & 2027 (USD Billion)

FIG 17. Global Integrated Marine Automation System Market , regional snapshot 2018 & 2027

FIG 18. North America Integrated Marine Automation System Market 2018 & 2027 (USD Billion)

FIG 19. Europe Integrated Marine Automation System Market 2018 & 2027 (USD Billion)

FIG 20. Asia-Pacific Integrated Marine Automation System Market 2018 & 2027 (USD Billion)

FIG 21. Latin America Integrated Marine Automation System Market 2018 & 2027 (USD Billion)

Billion)

FIG 22. Global Integrated Marine Automation System Market , company market share analysis (2020)

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