

# **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 and Region-Global Forecast to 2025**

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## **Abstracts**

The integrated marine automation system market is estimated to be USD 4.9 billion in 2020 and is projected to reach USD 7.8 billion by 2025, at a CAGR of 10.0% from 2020 to 2025. The demand for new ships and the retrofitting of existing ships with advanced technologies is expected to grow with the increase in trade activities. New defense and commercial vessels are equipped with advanced systems for improved safety and efficiency. The implementation of advanced systems acts as an important driver for the integrated marine automation system market. Integrated marine automation system is one of the variants of automated vessels. These ships involve integrating various systems and subsystems, enabling effective decision-making based on sensor fusion technology and Artificial Intelligence (AI) for processing the data, hence reducing or eliminating human intervention.

Based on autonomy, remotely-operated segment projected to lead integrated marine automation system market during the forecast period

Based on autonomy, the integrated marine automation system market is segmented into fully autonomous, remotely-operated and partial automation. The growth of the remotely-operated segment of the integrated marine automation system market can be attributed to the increased investments in developing unmanned and remotely-controlled vessel operations.

Based on ship type, commercial segment projected to dominate integrated marine automation system market during the forecast period

Based on ship type, the integrated marine automation system market is segmented into commercial and defense. The commercial segment is expected to dominate the market, owing to the rising seaborne trade and tourism across the globe.

Based on end user, the OEM segment accounts for the largest market size during the forecast period

Based on end user, the integrated marine automation system market is segmented into OEM and aftermarket. The OEM segment is estimated to account for a largest share in 2020 as compared to the aftermarket segment. The growth of the OEM segment can be attributed to the increased investments in naval defense by various countries and rise in seaborne trade activities across the globe.

Asia Pacific is expected to account for the largest share in 2020

The integrated marine automation system market has been studied for North America, Europe, Asia Pacific, Middle East & Africa and Latin America. Asia Pacific is estimated to account for the largest share of the global market in 2020. Shipbuilding companies from Japan, South Korea, and China, are also among the largest players in each of the four major segments, namely, tankers, bulk carriers, container ships, and offshore vessels. Asia Pacific has witnessed rapid economic development over the years, increasing maritime trade. This rise in sea trade has subsequently led to an increasing demand for ships to transport manufactured goods worldwide. Thus, the rising number of ships has increased the demand for integrated marine automation system in the Asia Pacific region.

Break-up of profile of primary participants in the Integrated marine automation system Market:

By Company Type: Tier 1 – 20%, Tier 2 – 55%, and Tier 3 – 25%

By Designation: Others – 25%, C Level – 50%, and Director Level – 25%

By Region: North America – 60%, Europe – 20%, Asia Pacific – 10%, North America – 5%, Middle East – 5%

Key Players in the integrated marine automation system market ABB (Switzerland), Honeywell International, Inc. (US), Rolls-Royce PLC (UK), Wartsila (Finland), and Kongsberg (Norway) are industry majors and have largely benefitted from their well-recognized brands, a wide range of products, and strong distribution capabilities in the integrated marine automation system market.

#### Research Coverage:

The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the integrated marine automation system market. A detailed analysis of the key industry players has been done to provide insights into their business overviews; solutions and services; key strategies; new product launches; mergers; and partnerships, agreements, and collaborations; and recent developments associated with the integrated marine automation system market. Competitive analysis of upcoming startups in integrated marine automation system market ecosystem is covered in this report.

#### Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall integrated marine automation system market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on integrated marine automation system market offered by top players in the market

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product launches in the integrated marine automation system market

**Market Development:** Comprehensive information about lucrative markets – the report analyzes the integrated marine automation system market across varied regions

**Market Diversification:** Exhaustive information about new products, untapped geographies, recent developments, and investments in the integrated marine automation system market

**Competitive Assessment:** In-depth assessment of market shares, growth strategies, products, and manufacturing capabilities of leading players in integrated marine automation system market

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12.4.1.3.1 Increasing requirement of naval vessels is expected to drive the market in

## France

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12.4.1.4.1 Introduction of automation technologies in naval ships will boost the demand for the market in Russia

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TABLE 156 TURKEY: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

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12.4.1.7.1 Increasing investment in automation systems in European countries would drive the market

TABLE 162 REST OF EUROPE: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

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#### 12.5.1 PESTLE ANALYSIS: ASIA PACIFIC

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TABLE 172 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2019 (USD MILLION)

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TABLE 174 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION PRODUCTS MARKET, BY TYPE, 2016-2019 (USD MILLION)

TABLE 175 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION PRODUCTS MARKET, BY TYPE, 2020-2025 (USD MILLION)

TABLE 176 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION HARDWARE PRODUCTS MARKET, BY TYPE, 2016-2019 (USD MILLION)

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TABLE 180 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 181 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2020–2025 (USD MILLION)

TABLE 182 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 183 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

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TABLE 187 ASIA PACIFIC: VESSEL MANAGEMENT SYSTEM MARKET, BY TYPE, 2020-2025 (USD MILLION)

TABLE 188 ASIA PACIFIC: PROCESS CONTROL SYSTEM MARKET, BY TYPE, 2016-2019 (USD MILLION)

TABLE 189 ASIA PACIFIC: PROCESS CONTROL SYSTEM MARKET, BY TYPE, 2020-2025 (USD MILLION)

TABLE 190 ASIA PACIFIC: SAFETY SYSTEM MARKET, BY TYPE, 2016-2019 (USD MILLION)

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TABLE 192 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY COUNTRY, 2016-2019 (USD MILLION)

TABLE 193 ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY COUNTRY, 2020-2025 (USD MILLION)

#### 12.5.1.1 China

12.5.1.1.1 Increase in naval spending and rise in domestic ship production is expected to drive the market in China

TABLE 194 CHINA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 195 CHINA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 196 CHINA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 197 CHINA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 198 CHINA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 199 CHINA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER 2020–2030 (USD MILLION)

#### 12.5.1.2 South Korea

12.5.1.2.1 Integration of automation systems by various shipbuilding players to drive the market in South Korea

TABLE 200 SOUTH KOREA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 201 SOUTH KOREA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 202 SOUTH KOREA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 203 SOUTH KOREA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 204 SOUTH KOREA: INTEGRATED MARINE AUTOMATION SYSTEM



MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 205 SOUTH KOREA: INTEGRATED MARINE AUTOMATION SYSTEM

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12.5.1.3.1 Increasing delivery of commercial ships is fueling the growth of the integrated marine automation system market in Japan

TABLE 206 JAPAN: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 207 JAPAN: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 208 JAPAN: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 209 JAPAN: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 210 JAPAN: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 211 JAPAN: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER 2020–2025 (USD MILLION)

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12.5.1.4.1 Upgradation of old ships with new systems is expected to drive the integrated marine automation system market in India

TABLE 212 INDIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 213 INDIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 214 INDIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 215 INDIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 216 INDIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 217 INDIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER 2020–2025 (USD MILLION)

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12.5.1.5.1 Focus of countries to enhance coastal security drive this market in this region

TABLE 218 REST OF ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 219 REST OF ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 220 REST OF ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 221 REST OF ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 222 REST OF ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 223 REST OF ASIA PACIFIC: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER 2020–2025 (USD MILLION)

## 12.6 MIDDLE EAST & AFRICA

### 12.6.1 PESTLE ANALYSIS: MIDDLE EAST & AFRICA

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TABLE 226 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY AUTONOMY, 2016–2019 (USD MILLION)

TABLE 227 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY AUTONOMY, 2020–2025 (USD MILLION)

TABLE 228 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SOLUTION, 2016–2019 (USD MILLION)

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TABLE 230 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION PRODUCTS MARKET SIZE, BY TYPE, 2016-2019 (USD MILLION)

TABLE 231 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION PRODUCTS MARKET SIZE, BY TYPE, 2020-2025 (USD MILLION)

TABLE 232 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION HARDWARE PRODUCTS MARKET SIZE, BY TYPE, 2016-2019 (USD MILLION)

TABLE 233 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION HARDWARE PRODUCTS MARKET SIZE, BY TYPE, 2020-2025 (USD MILLION)

TABLE 234 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SOFTWARE PRODUCTS MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 235 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SOFTWARE PRODUCTS MARKET SIZE, BY TYPE, 2020–2025 (USD MILLION)

TABLE 236 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 237 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION

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TABLE 238 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 239 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 240 MIDDLE EAST & AFRICA: POWER MANAGEMENT SYSTEM MARKET, BY TYPE, 2016-2019 (USD MILLION)

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TABLE 242 MIDDLE EAST & AFRICA: VESSEL MANAGEMENT SYSTEM MARKET, BY TYPE, 2016-2019 (USD MILLION)

TABLE 243 MIDDLE EAST & AFRICA: VESSEL MANAGEMENT SYSTEM MARKET, BY TYPE, 2020-2025 (USD MILLION)

TABLE 244 MIDDLE EAST & AFRICA: PROCESS CONTROL SYSTEM MARKET, BY TYPE, 2016-2019 (USD MILLION)

TABLE 245 MIDDLE EAST & AFRICA: PROCESS CONTROL SYSTEM MARKET, BY TYPE, 2020-2025 (USD MILLION)

TABLE 246 MIDDLE EAST & AFRICA: SAFETY SYSTEM MARKET, BY TYPE, 2016-2019 (USD MILLION)

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TABLE 248 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY COUNTRY, 2016-2019 (USD MILLION)

TABLE 249 MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY COUNTRY, 2020-2025 (USD MILLION)

#### 12.6.1.1 UAE

12.6.1.1.1 Increasing number of shipbuilding activities is expected to drive the market in UAE

TABLE 250 UAE: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 251 UAE: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 252 UAE: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 253 UAE: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 254 UAE: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 255 UAE: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY

**END USER 2020–2030 (USD MILLION)****12.6.1.2 Saudi Arabia**

12.6.1.2.1 Increasing number of ships is expected to drive the integrated marine automation system market in Saudi Arabia

TABLE 256 SAUDI ARABIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 257 SAUDI ARABIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 258 SAUDI ARABIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 259 SAUDI ARABIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 260 SAUDI ARABIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 261 SAUDI ARABIA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER 2020–2030 (USD MILLION)

**12.6.1.3 South Africa**

12.6.1.3.1 Increasing intercontinental trade is expected to drive the integrated marine automation system market in South Africa

TABLE 262 SOUTH AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

TABLE 263 SOUTH AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2020–2025 (USD MILLION)

TABLE 264 SOUTH AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2016–2019 (USD MILLION)

TABLE 265 SOUTH AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SYSTEM, 2020–2025 (USD MILLION)

TABLE 266 SOUTH AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 267 SOUTH AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY END USER 2020–2030 (USD MILLION)

**12.6.1.4 Rest of Middle East & Africa**

12.6.1.4.1 Focus on shipbuilding activities is expected to drive the integrated marine automation system market in India

TABLE 268 REST OF MIDDLE EAST & AFRICA: INTEGRATED MARINE AUTOMATION SYSTEM MARKET SIZE, BY SHIP TYPE, 2016–2019 (USD MILLION)

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\*Details on Business overview, Products & solutions offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

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