

Marine Onboard Communication and Control Systems Market by Type (Communication Systems, Control Systems), Platform (Commercial, Defense), End User (OEM, Aftermarket) and Region (North America, Europe, APAC, MEA, RoW) - Global Forecast to 2028

<https://marketpublishers.com/r/M7315D1EA0B2EN.html>

Date: December 2023

Pages: 222

Price: US\$ 4,950.00 (Single User License)

ID: M7315D1EA0B2EN

Abstracts

The Marine Onboard Communication and Control Systems market is valued at USD 8.6 billion in 2023 and is projected to reach USD 12.3 billion by 2028, at a CAGR of 7.3% from 2023 to 2028. Over the last few years, the Marine Onboard Communication and Control Systems industry has continued to evolve with expanding use cases, better cost efficiencies, and a more significant impact of new technological developments in the maritime industry. The Marine Onboard Communication and Control Systems market is experiencing growth driven by increasing seaborne trade and an increase in marine fleet size. Increased demand for connectivity and automation in maritime vessels for enhanced safety, efficiency, and better user experience is driving the marine onboard communication and control systems market.

'Based on type, the Communication Systems segment is estimated to have the largest market share in 2023.'

The Communication Systems segment in the Marine Onboard Communication and Control Systems market is being driven by due to rising maritime traffic and the need for efficient communication at sea. The rise in need for marine onboard communication systems is driven due to enhanced safety, navigation, and operational efficiency. Integration of advanced technologies, such as satellite communication and IoT, accelerates growth in marine onboard communication systems.

'Based on platform, the Commercial is estimated to have the largest market share in

2023.'

The Commercial segment within the Marine Onboard Communication and Control Systems market is being driven by a rise in seaborne trade. The Commercial segment involves the deployment of advanced control and communication technologies on commercial ships and boats to enhance safety, navigation, and operational efficiency. The commercial segment includes passenger vessels, cargo vessels, and other ships.

'Based on End User, the OEM is estimated to have the largest market share in 2023.'

The End User segment in the marine onboard communication and control systems market is being driven by the OEM segment. Original equipment manufacturers (OEMs) for the marine control and communication systems design, manufacture, and supply the original hardware and software components used in marine vessels. These OEMs play a crucial role in providing the essential systems that contribute to the safe and efficient operation of maritime assets. The OEMs offer high-quality standards for their products through rigorous testing, quality control measures, and adherence to industry standards, which results in the growth of OEMs.

'Based on regions, the Asia Pacific region is estimated to have the largest market share in 2023.'

The Asia Pacific region is witnessing robust growth in the Marine Onboard Communication and Control Systems market, driven by the presence of various shipbuilding companies. The region's thriving economies are generated by the increasing seaborne trade. Governments in the region are making substantial investments in advanced technological-based marine navigation and communication systems for enhanced safety and operational efficiency. Additionally, the presence of a rapidly expanding commercial marine sector, particularly in countries like India, Japan, and China, is intensifying competition and driving innovation, contributing to market expansion.

The break-up of the profile of primary participants in the Marine Onboard Communication and Control Systems market:

By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C Level – 40%, Director Level – 25%, and Others – 35%

By Region: North America – 40%, Europe – 25%, Asia Pacific – 20%, Middle East – 10% Rest of the World (RoW) – 5%

Major companies profiled in the report include Emerson Electric Co. (US), Wartsila (Finland), Kongsberg (Norway), ABB (Switzerland), and Northrop Grumman Corporation (US), among others.

Research Coverage:

This market study covers the Marine Onboard Communication and Control Systems market across various segments and subsegments. It aims to estimate this market's size and growth potential across different parts based on type, platform, end user, and region. This study also includes an in-depth competitive analysis of the key players in the market, their company profiles, key observations related to their product and business offerings, recent developments, and key market strategies they adopted.

Reasons to buy this report:

The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall Marine Onboard Communication and Control Systems market. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities. The Marine Onboard Communication and Control Systems market is experiencing substantial growth, primarily driven by the increasing seaborne trade and increase in marine fleet size. The increasing trend toward international cooperation and joint operations among nations is fostering demand for Marine Onboard Communication and Control Systems, contributing to regional and global stability. The report provides insights on the following pointers:

Market Drivers: Market Drivers such as rise in maritime fleet size, Growing need for advanced engine control systems to enhance fuel efficiency, and other drivers covered in the report.

Market Penetration: Comprehensive information on Marine Onboard Communication and Control Systems offered by the top players in the market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the Marine Onboard Communication and Control Systems market

Market Development: Comprehensive information about lucrative markets – the report analyses the Marine Onboard Communication and Control Systems market across varied regions.

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the Marine Onboard Communication and Control Systems market

Competitive Assessment: In-depth assessment of market shares, growth strategies, products, and manufacturing capabilities of leading players in the Marine Onboard Communication and Control Systems market

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