

Global Naval Communication Market Size study & Forecast, by Platform, System Technology and Regional Forecasts 2025-2035

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Abstracts

Global Naval Communication Market is valued approximately at USD 3.47 billion in 2024 and is anticipated to grow with a growth rate of more than 5.30% over the forecast period 2025-2035. Naval communication systems serve as the technological backbone of maritime defense forces, enabling secure, real-time information exchange across platforms operating in complex and often hostile environments. These systems range from satellite and radio communications to integrated security and data management infrastructures that synchronize operations on ships, submarines, and unmanned vehicles. With naval operations becoming increasingly digitized, the rising need for tactical coordination, situational awareness, and electronic warfare capabilities is dramatically accelerating the demand for cutting-edge naval communication solutions.

The evolution of modern warfare doctrines, particularly in the maritime domain, has necessitated the integration of advanced, interoperable communication frameworks across fleets. As a result, naval forces globally are undertaking systematic modernization programs aimed at deploying scalable and encrypted communication systems that facilitate command and control, enhance fleet responsiveness, and provide resilience against cyber threats. Moreover, with the proliferation of unmanned systems and network-centric operations, the reliance on satellite communications (SATCOM), long-range secure radio links, and real-time data management systems has soared. However, the adoption curve is somewhat tempered by budget constraints in certain regions and the complexities of retrofitting legacy naval platforms with next-gen technologies.

From a regional perspective, North America is anticipated to continue its dominance in the global naval communication market, driven by the United States' substantial

defense spending and its long-standing investments in maritime technology upgrades. The U.S. Navy's emphasis on deploying carrier strike groups and unmanned surface vessels is pushing demand for robust communication infrastructure. Meanwhile, Europe is steadily expanding its naval communication capabilities in response to emerging regional security threats and interoperability mandates within NATO forces. In the Asia Pacific region, countries such as China, India, Japan, and Australia are scaling up their maritime security frameworks in light of territorial tensions and deep-sea resource protection, making the region a hotspot for naval communication system investments throughout the forecast period.

Major market player included in this report are:

Raytheon Technologies Corporation

Thales Group

Northrop Grumman Corporation

BAE Systems PLC

L3Harris Technologies, Inc.

Leonardo S.p.A

General Dynamics Corporation

Saab AB

Cobham Limited

Elbit Systems Ltd.

Rohde & Schwarz GmbH & Co KG

Harris Corporation

Kongsberg Gruppen ASA

Ultra Electronics Holdings PLC

Curtiss-Wright Corporation

Global Naval Communication Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Platform:

Ships

Submarines

Unmanned Systems

By System Technology:

Naval Satcom Systems

Naval Radio Systems

Naval Security Systems

Communication Management Systems

By Application:

(Note: Specific applications can be detailed in actual report customization depending on end-user demand)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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