

# Global Marine and Marine Management Software Market to Reach USD 5.46 Billion by 2032

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## Abstracts

The Global Marine and Marine Management Software Market was valued at approximately USD 2.1 billion in 2023 and is expected to expand at a CAGR of 11.20% over the forecast period from 2024 to 2032. As global trade surges and maritime operations become increasingly digitized, the adoption of advanced marine management solutions is witnessing an unprecedented rise. These software solutions streamline and optimize fleet management, navigation, regulatory compliance, and operational efficiency, driving significant value for commercial shipping operators, port authorities, and naval forces alike.

With the increasing complexity of maritime logistics, automated and AI-driven marine management platforms are revolutionizing the way vessel tracking, crew scheduling, and port administration are handled. The integration of big data analytics, cloud-based deployment models, and IoT connectivity is facilitating real-time monitoring, enhancing decision-making capabilities, and reducing operational redundancies. Additionally, the rise of autonomous ships and digital twins is pushing stakeholders toward adopting sophisticated software that ensures seamless operations while adhering to strict environmental and safety regulations imposed by bodies like the IMO (International Maritime Organization).

Given the growing emphasis on fuel efficiency, emission reduction, and sustainable marine practices, marine software developers are incorporating predictive analytics and AI-based route optimization features into their offerings. This not only reduces costs but also improves fleet safety and reliability. The onshore and onboard integration of maritime software is becoming a necessity, as companies seek to synchronize logistics, port operations, and vessel performance tracking in a unified ecosystem. The increasing penetration of cloud computing and remote fleet monitoring technologies is further

augmenting the growth of marine software-as-a-service (SaaS) models, providing scalable and cost-efficient solutions to enterprises of all sizes.

Regionally, North America dominates the marine and marine management software market, led by advanced port infrastructure, high investments in digital transformation, and stringent maritime security policies. The United States is at the forefront of innovation, with major ports deploying AI-powered predictive maintenance solutions to enhance operational efficiency. Europe follows closely, driven by stringent regulatory frameworks like IMO 2023, promoting green shipping and digitalized fleet management. Meanwhile, Asia Pacific is projected to witness the fastest growth, fueled by expanding international trade, rising government initiatives for smart ports, and rapid technological adoption in major shipping hubs such as China, Japan, and Singapore.

#### Major Market Players Included in This Report:

Kongsberg Gruppen ASA

ABB Ltd.

Wärtsilä Corporation

DNV GL

Marlink AS

Oracle Corporation

SAP SE

BASS Software Ltd.

Thales Group

Hanseaticsoft GmbH

SERTICA (Logimatic)

Inmarsat Global Limited

AVEVA Group plc

ShipNet AS

NAPA Ltd.

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Component:

Software

Services

By Location:

Onboard

Onshore

By Application:

Crew Management

Port Management

Reservation Management

By Deployment Mode:

Cloud-Based

On-Premise

## By End User:

- Commercial Shipping
- Defense & Maritime Security
- Logistics & Freight Management
- Port Operators
- Others

## By Region:

### North America:

- U.S.
- Canada

### Europe:

- UK
- Germany
- France
- Spain
- Italy
- Rest of Europe (ROE)

### Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific (RoAPAC)

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa (RoMEA)

Years Considered for the Study:

Historical Year: 2022, 2023

Base Year: 2023

Forecast Period: 2024 to 2032

## Key Takeaways:

Market Estimates & Forecasts for 10 Years (2022-2032).

Annualized Revenue Insights and Regional-Level Analysis for Each Market Segment.

In-Depth Geographical Landscape Analysis with Country-Level Market Dynamics.

Competitive Landscape Assessment, Covering Key Players, Market Positioning, and Strategic Developments.

Insights into Key Business Strategies and Future Market Recommendations.

Demand-Side and Supply-Side Analysis of the Global Market.

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