

# **Maritime Surveillance Market Outlook 2025-2034: Market Share, and Growth Analysis By Component (Sensors, Radar, Automatic Identification System (AIS) Receiver, Software, Other Components), By Application (Naval, Coast Guard, Other Applications), By End-User**

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## **Abstracts**

The Maritime Surveillance Market is valued at USD 21.7 billion in 2025 and is projected to grow at a CAGR of 9.3% to reach USD 48.3 billion by 2034. The Maritime Surveillance Market focuses on the continuous observation and monitoring of marine environments to ensure security, law enforcement, and resource protection. Unlike intervention-specific markets, maritime surveillance emphasizes situational awareness using an ecosystem of sensors, radars, automatic identification systems (AIS), electro-optical devices, coastal radar chains, UAVs, and satellite imagery. It serves defense organizations, coast guards, fisheries protection, and environmental monitoring agencies. This market is increasingly relevant in a world where illegal fishing, territorial breaches, smuggling, and environmental degradation threaten maritime safety and economic stability. As Exclusive Economic Zones (EEZs) and strategic maritime corridors grow in importance, the need for constant, reliable surveillance across vast and remote waters is stronger than ever. The maritime surveillance market recorded expansion across both civilian and defense segments. Many coastal nations in Asia-Pacific, Latin America, and the Middle East enhanced their maritime domain awareness programs to cover territorial waters and offshore assets. Surveillance drones and aerostat systems were deployed in choke points like the Strait of Hormuz and Malacca Strait. Coastal radar stations were upgraded to newer phased-array systems capable of better tracking in adverse weather. Commercial shipping companies also invested in AIS-based fleet monitoring systems and geo-fencing alarms to reduce exposure to

piracy and restricted zones. Real-time data fusion and cloud-based surveillance dashboards became key value drivers among port authorities and environmental bodies. The maritime surveillance market is expected to transition toward a more autonomous, AI-integrated, and space-enabled framework. Governments will increasingly rely on satellite constellations with high revisit rates, enabling continuous tracking of dark vessels or unflagged fishing fleets. AI models will be trained to interpret multi-source data feeds in real time, drastically reducing analyst workload and increasing detection accuracy. Multi-domain surveillance systems—combining aerial, maritime, underwater, and space sensors—will become common. Additionally, environmental agencies will use maritime surveillance systems to monitor illegal dumping, marine biodiversity loss, and oil spills, thus expanding the market's role from security-centric to sustainability-driven use cases.

### Key Insights Maritime Surveillance Market

Satellite-based maritime surveillance is seeing widespread adoption, especially with the emergence of micro-satellite constellations offering high-resolution imaging and persistent coverage over vast oceanic areas.

AI-powered data fusion centers are being used to integrate inputs from coastal radars, UAVs, AIS, and sonar systems, providing a comprehensive and actionable real-time maritime situational picture.

The use of autonomous surface and underwater vehicles for passive surveillance is gaining traction, especially for monitoring hard-to-access regions like polar waters or hostile conflict zones.

Commercial maritime operators are implementing fleet tracking and remote vessel monitoring systems using satellite AIS to comply with safety, environmental, and insurance regulations.

Governments are deploying long-endurance UAVs with multi-sensor payloads to monitor illegal fishing and enforce maritime sovereignty without deploying costly manned patrol assets.

Increasing maritime threats such as piracy, illegal fishing, and trafficking are driving governments to strengthen round-the-clock surveillance over their EEZs and maritime trade corridors.

Technological advancements in satellite imaging, radar detection, and drone endurance are making real-time and wide-area surveillance more accessible and scalable for nations with large coastlines.

Global efforts to combat climate change and ocean pollution are creating demand for surveillance systems that can monitor environmental violations, oil spills, and marine biodiversity hotspots.

National defense modernization programs and inter-agency data sharing initiatives are fueling investments in integrated maritime surveillance systems for dual civilian and military use.

Limited budgets and technical infrastructure in developing coastal nations restrict the deployment of advanced maritime surveillance solutions, leading to coverage gaps in vulnerable maritime regions.

The complexity of analyzing vast and diverse surveillance data—especially from satellites, UAVs, and radars—requires advanced analytics capabilities that are not uniformly available across stakeholders.

## Maritime Surveillance Market Segmentation

### By Component

Sensors

Radar

Automatic Identification System (AIS) Receiver

Software

Other Components

### By Application

Naval

Coast Guard

Other Applications

### By End-User

Defense

Customs

Fisheries

Intelligence

Other End-Users

### Key Companies Analysed

Saab AB

Thales Group

Leonardo S.p.A.

Raytheon Technologies Corporation

Lockheed Martin Corporation

BAE Systems plc

Northrop Grumman Corporation

Kongsberg Gruppen ASA

Elbit Systems Ltd.

Indra Sistemas S.A.

## Maritime Surveillance Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

## Maritime Surveillance Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Maritime Surveillance market data and outlook to 2034

United States

Canada

Mexico

Europe — Maritime Surveillance market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Maritime Surveillance market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Maritime Surveillance market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Maritime Surveillance market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Maritime Surveillance value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Maritime Surveillance industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Maritime Surveillance Market Report

Global Maritime Surveillance market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Maritime Surveillance trade, costs, and supply chains

Maritime Surveillance market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Maritime Surveillance market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Maritime Surveillance market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Maritime Surveillance supply chain analysis

Maritime Surveillance trade analysis, Maritime Surveillance market price analysis, and Maritime Surveillance supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and

products

Latest Maritime Surveillance market news and developments

### Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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