

Automatic Identification System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global automatic identification system market size reached US\$ 273.4 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 359.2 Million by 2028, exhibiting a growth rate (CAGR) of 5.19% during 2023-2028.

An automatic identification system (AIS) is a tracking system that uses transponders on ships to identify other vessels in the area. It is mainly used by vessel traffic service providers to provide safety to participating vessels. Primarily employed to monitor ships and better control marine traffic, it also assists in the prevention of possible maritime collisions. Automated identification systems function by providing pertinent information, such as unique identification, course speed, and vessel position, which can be displayed on a screen in conjunction with the marine radar. Automatic identification requires the use of transceivers on marine vessels, which when equipped with transceivers, facilitate easy monitoring and tracking. AIS is also being used for the large-scale transmission of critical information regarding environmental conditions to emergency response providers, mariners, and forecasters.

Automatic Identification System Market Trends:

The market is primarily driven by the escalating demand for monitoring and tracking vessels at sea due to a considerable rise in marine traffic, along with the rapid expansion of the naval sector. This can be attributed to the increasing international seaborne trade activities. In line with this, the augmenting need for safety and security of the vessels is acting as another significant growth-inducing factor for the AIS market. Moreover, the incorporation of satellite AIS, Big Data analytics, and the Internet of

Things (IoT) connectivity to deliver efficient visibility and control is providing an impetus to the market. Apart from this, continual technological advancements in navigation and maritime traffic management systems, such as remote traffic control systems and remote container management (RCM) solutions, are further creating lucrative growth opportunities in the market. Furthermore, the increasing stringency of marine safety regulations is resulting in a higher product uptake on the global level. Some of the other factors contributing to the market growth include the emergence of smart global ocean trade and supply chains, flourishing e-commerce industry, inflating disposable income levels, and extensive research and development (R&D) activities.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automatic identification system market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on class, component, platform and application.

Breakup by Class:

- Class A
- Class B
- AIS Base Stations

Breakup by Component:

- Transmitter
- Receivers
- Central Processing Unit
- Display
- Others

Breakup by Platform:

- Vessel-Based
- Onshore Based

Breakup by Application:

- Fleet Management
- Vessels Tracking

Maritime Security
Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being CNS Systems AB, ComNav Marine Ltd., Furuno Electric Co. Ltd., Garmin Ltd., Japan Radio Co. Ltd. (Nisshinbo Holdings Inc.), Kongsberg Gruppen ASA, Orbcomm, Raymarine Uk Limited (Teledyne FLIR LLC), Saab AB, Spire Global Inc. and W?rtsil? Oyj Abp.

Key Questions Answered in This Report

1. What was the size of the global automatic identification system market in 2022?
2. What is the expected growth rate of the global automatic identification system market during 2023-2028?
3. What are the key factors driving the global automatic identification system market?
4. What has been the impact of COVID-19 on the global automatic identification system market?
5. What is the breakup of the global automatic identification system market based on the class?
6. What is the breakup of the global automatic identification system market based on the component?
7. What is the breakup of the global automatic identification system market based on platform?
8. What is the breakup of the global automatic identification system market based on the application?
9. What are the key regions in the global automatic identification system market?
10. Who are the key players/companies in the global automatic identification system market?

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