Automatic Identification Systems (AIS) Market Analysis: by Platform (Onshore-based and Vessel-based); Class (Class A AIS, Class B AIS and AIS Base Stations); Application (Vessel Tracking, Fleet Management) and Geography - Forecast 2016-2021

Description:
Automatic identification systems (AIS) are designed to enable collaborative communication among onshore-based coastal authorities and various vessels. The system is capable of providing dynamic, static and voyage data about one ship to multiple ships in the vicinity and nearby coastal authorities. As per the Regulation 19 of SOLAS – chapter V, every ship is required to integrate ship-borne navigational equipment, as per the type of ship. However, in 2000, the International Maritime Organization revised the need to carry navigational equipment and approved a mandate stating that automatic identification systems must be equipped with all ships.

Significant changes in international trade laws and regulations coupled with the evolution of marine transport have made a major impact on the development of technologies required to deal with the rising marine traffic. Rapid and dedicated globalization has been the key factor propelling the building and expansion of marine transport industry worldwide. Therefore, rising marine traffic coupled with growing world trade are considered as prominent factors accounting for the transformation and global growth of marine transport. In the recent past, the usage of automatic identification systems has witnessed an exponential rise. The concerned governments and authorities across the world have made considerable investments in order to integrate automatic identification systems into ships, thereby maximizing marine traffic and trade management and minimizing marine accidents.

It is further analyzed that the implementation of development of large-scale terrestrial AIS is a key factor expected to bolster the demand of automatic identification systems during the forecast period. The global automatic identification systems market is segmented as follows:

By Class: Class A AIS, Class B AIS and AIS Base Stations.
By Application: Vessel Tracking, Fleet Management, Maritime Security and Others.

Lastly, the global automatic identification systems market is segmented by regions into North America, Asia Pacific (APAC), Europe and Rest of the World (RoW). The automatic identification systems market is expected to grow significantly across North America, trailed by Asia Pacific and Europe. The primary reason for the growth of automatic identification systems market in these regions is there huge manufacturing capabilities, therefore leading to significant marine trade and transport across other countries and regions. Some of the key players operating in the global automatic identification systems market are:

SAAB AB (Sweden),
Furuno Electric Co. Ltd. (Japan),
Exactearth (Canada),
Orbcomm Inc. (U.S.) and
Kongsberg Gruppen ASA (Norway) among others.

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*More than 40 Companies are profiled in this Research Report, Complete List available on Request*

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