Global Automatic Dependent Surveillance-Broadcast (ADS-B) Market Report and Forecast 2023-2028

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Report description:

Global Automatic Dependent Surveillance-Broadcast (ADS-B) Market Report and Forecast 2023-2028
Market Outlook
According to the report by Expert Market Research (EMR), the global automatic dependent surveillance-broadcast (ADS-B) market attained a value of USD 640.6 million in 2022. Aided by the rapid expansion of the aviation sector across emerging economies, the market is projected to further grow at a CAGR of 15.1% between 2023 and 2028 to reach a value of USD 1,439.6 million by 2028.
An automatic dependent surveillance-broadcast (ADS-B) refers to an advanced surveillance technology which establishes a surveillance interface between an aircraft and air traffic control system by integrating positioning source of an aerial vehicle, avionics, and ground infrastructure. This technology broadcasts critical information about an aircraft, such as real-time location, height, velocity, and fuel status, among others, to maximise the operational efficiency. The thriving aviation sector across the emerging economies, coupled with the rapid development of new airports, is driving the automatic dependent surveillance-broadcast (ADS-B) market.
Modernisation of air traffic management system infrastructure, owing to the increasing number of domestic and international travellers, is playing a pivotal role in the ADS-B market. Meanwhile, the increasing application of automatic dependent surveillance-broadcast (ADS-B) radar and non-radar airspace, airport surface surveillance, trail procedure in oceanic airspace, and during several flight operations, are expected to provide impetus to the automatic dependent surveillance-broadcast (ADS-B) market in the forecast period.
An automatic dependent surveillance-broadcast (ADS-B) is accurate, provides ground track, and information about the aircraft distance from radar, which improves pilot and controller situational awareness, thereby improving safety and security while flying. In addition, ADS-B enhances the capabilities of an aircraft, is cost-effective, and does not require any external stimulus. Automatic dependent surveillance-broadcast also contributes towards the reduction of CO2. In this regard, the favourable policies of various governments aimed towards reducing their carbon footprints are likely to upscale the automatic dependent surveillance-broadcast (ADS-B) market growth in the coming years. The increasing incorporation of unmanned aerial vehicles (UAVs) in the aviation sector is further shaping the ADS-B market dynamics. In addition, the rising investments towards developing compact

surveillance-broadcast universal access transceiver (UAT) for UAVs is expected to be a crucial trends in this market.
In geographical terms, North America accounts for a significant share in the ADS-B market. The market driving factors in this region include well-established aviation sector across strong economies such as the United States, rising number of air travellers, and increasing investments towards automation in the aviation sector. Meanwhile, the Asia Pacific holds a considerable share in the automatic dependent surveillance-broadcast (ADS-B) market, driven by rapid urbanisation and emergence of private market players across developing nations like India and China.

Market Segmentation
The market can be divided on the basis of type, application, fit, component, platform, and region.
Market Breakup by Type
-On-Board
-Ground Stations
Market Segmentation by Application
-Terminal Manoeuvring Area (TMA) Surveillance
-Airborne Surveillance
Market Classification by Fit
-Line Fit
-Retrofit
Market Categorisation by Component
-Transponder
-Receiver
-Antenna
Market Segmentation by Platform
-Fixed Wing
-Rotary Wing
Market Breakup by Region
-North America
-Europe
-Asia Pacific
-Latin America
-Middle East and Africa
Competitive Landscape
The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the automatic dependent surveillance-broadcast (ADS-B) companies. Some of the major key players explored in the report by Expert Market Research are as follows:
-Honeywell International, Inc.
-L-3 Technologies, Inc.
-Indra Sistemas, S.A
-Garmin Ltd.
-Collins Aerospace Inc
-Aireon LLC
-Others
*We at Expert Market Research always strive to give you the latest information. The numbers in the article are only indicative and may be different from the actual report.

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