

Air Traffic Management Market Report by Domain (Air Traffic Control, Air Traffic Flow Management, Aeronautical Information Management), Component (Hardware, Software), Application (Communication, Navigation, Surveillance, Automation), End User (Commercial, Military), and Region 2024-2032

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Report description:

The global air traffic management market size reached US\$ 16.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 35.9 Billion by 2032, exhibiting a growth rate (CAGR) of 8.6% during 2024-2032.

Air traffic management (ATM) includes navigation, surveillance, communication, and automation and simulation systems. It assists in directing aircraft to land at specific places, maintaining optimal height while traveling, and ensuring passenger safety. It also helps in improving safety and predictability, making collaborative decisions, offering real-time accuracy, and consolidating different systems. At present, several manufacturers are integrating the latest technologies, such as unmanned traffic management, internet of things (IoT), artificial intelligence (IA), light data processing system (FDBS), with existing ATM solutions.

Air Traffic Management Market Trends:

Air transport represents one of the fastest and safest modes of traveling across the globe. This, in confluence with the economic growth and a rapid increase in the global population, represents one of the key factors positively influencing the need for ATM. Moreover, there is a rise in passenger traffic on account of decreasing flight fares, which has led to an increase in the demand for better airspace management. As a result, government authorities of numerous countries are focusing on the modernization of ATM infrastructure and building additional airport facilities. This, along with the potential risk of cyber threats and the growing adoption of the satellite-based air-traffic control (ATC) systems, is driving the market. However, the outbreak of the coronavirus disease (COVID-19) pandemic and the imposition of lockdown, as well as travel restrictions on domestic and international flights adversely impacted the aviation sector. This, in turn, reduced sales of ATM solutions until the upliftment of travel restrictions were

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announced. The rising use of Information and Communications Technology (ICT) in ATM systems, along with the increasing strategic partnerships and collaborations among leading market players to retain their position, is projected to fuel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global air traffic management market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on domain, component, application and end user.

Breakup by Domain:

- Air Traffic Control
- Air Traffic Flow Management
- Aeronautical Information Management

Breakup by Component:

- Hardware
- Software

Breakup by Application:

- Communication
- Navigation
- Surveillance
- Automation

Breakup by End User:

- Commercial
- Military

Breakup by Region:

- North America
 - o□ United States
 - o□ Canada
- Asia-Pacific
 - o□ China
 - o□ Japan
 - o□ India
 - o□ South Korea
 - o□ Australia
 - o□ Indonesia
 - o□ Others
- Europe
 - o□ Germany
 - o□ France
 - o□ United Kingdom
 - o□ Italy
 - o□ Spain

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- o Russia
- o Others
- Latin America
- o Brazil
- o Mexico
- o 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 Adacel Technologies Limited, Advanced Navigation and Positioning Corporation, Airbus SE, Honeywell International Inc., Indra Sistemas S.A., L3Harris Technologies Inc., Leidos, Leonardo S.p.A., Lockheed Martin Corporation, Northrop Grumman Corporation, Raytheon Technologies Corporation, Saab AB and Thales Group.

Key Questions Answered in This Report

1. What was the size of the global air traffic management market in 2023?
2. What is the expected growth rate of the global air traffic management market during 2024-2032?
3. What has been the impact of COVID-19 on the global air traffic management market?
4. What are the key factors driving the global air traffic management market?
5. What is the breakup of the global air traffic management market based on the domain?
6. What is the breakup of the global air traffic management market based on the component?
7. What are the key regions in the global air traffic management market?
8. Who are the key players/companies in the global air traffic management market?

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