

Global Intelligent Airways Transportation System Market Size study & Forecast, by Component (Hardware, Software), by Deployment (On-Premises, Cloud), by Technology (Robotic and artificial intelligence, Data Science, Biometric enables self-service) and Regional Analysis, 2023-2030

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Abstracts

Global Intelligent Airways Transportation System Market is valued at approximately USD XXX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Intelligent Airways Transportation System employs state-of-the-art technologies, including advanced air traffic management systems, data analytics, artificial intelligence, and communication networks, to optimize the flow of air traffic, reduce congestion, minimize delays, and enhance overall airspace utilization. The Intelligent Airways Transportation System Market is expanding because of factors such as rising air travel traffic, rising technological advancement in the system and growing emphasis on environmental sustainability and reducing the carbon footprint of aviation.

As global economies continue to expand, and as people become more connected in a globalized world, the demand for air travel has surged. This surge has led to a substantial increase in the number of flights, passengers, and cargo transported through airports worldwide. To efficiently manage this burgeoning air traffic, airports and aviation authorities are increasingly turning to intelligent solutions. IATS, which encompasses a range of technologies such as smart airport management, air traffic control, and passenger processing systems, is becoming indispensable. The International Air Transport Association (IATA) report 2022, expects overall air traveler numbers to reach 4.0 billion in 2024. From the same source, it has been found that the total number of

travelers in 2021 was 47% higher than in 2019 and 83% in 2022, and it is expected to reach 94% by the year 2023, 103% by the year 2024, and 111% by the year 2025. Moreover, rising spending on the development of Smart Airports and rising deployment of data analytics and blockchain technology in the industry are creating new opportunities for market growth. However, the high cost of intelligent airway transportation systems and cyber security concerns stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Intelligent Airways Transportation System Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to factors such as rising air traffic, rising investment in the development of smart airports, and rising technological advancement in the region. Whereas, Asia Pacific is expected to grow significantly over the forecast period, owing to factors such as rising air traffic, rising government initiatives in the region, rising investment and development of new systems in the region is driving the market growth.

Major market player included in this report are:

Thales Group

Raytheon Technologies Corporation

Leonardo S.p.A.

Honeywell International Inc.

Indra Sistemas S.A.

Harris Corporation (now L3Harris Technologies)

Northrop Grumman Corporation

Siemens AG

International Business Machines Corporation

SITA

Recent Developments in the Market:

In November 2022, Hitachi Rail Limited secured a Framework Agreement contract from Ferroviaria Italiana (RFI) for the design and implementation of the European Rail Transport Management System (ERTMS) digital signaling across 1,885 km of the Italian rail network.

in October 2022, Cubic Transportation Systems, Inc. was awarded a five-year Traffic Scotland Systems Contract (TSSC) by Transport Scotland. The contract encompasses support, maintenance, modernization, and development services aimed at ensuring optimal functionality and availability of the systems integral to delivering the Traffic Scotland Service

Global Intelligent Airways Transportation System Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Component, Deployment, Technology, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component:

Hardware

Software

By Deployment:

On-Premises

Cloud

By Technology:

Robotic and artificial intelligence

Data Science

Biometric enables self-service

By Region:

North America

U.S.
Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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