

Global Airport Information System Market Size study & Forecast, by System, Airport, Type, End-Use, Investment and Regional Forecasts 2025-2035

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Abstracts

Global Airport Information System Market is valued approximately at USD 3.54 billion in 2024 and is anticipated to grow with a compound annual growth rate of more than 3.76% over the forecast period 2025–2035. An Airport Information System (AIS) plays a pivotal role in orchestrating airport operations with seamless efficiency, managing everything from flight schedules and baggage handling to terminal operations and passenger services. As airports around the world continue to grapple with surging air traffic, heightened security needs, and demand for enhanced traveler experiences, the adoption of advanced AIS technologies has become indispensable. The evolution of smart airports, fueled by digital transformation strategies, has unlocked new paradigms for system-wide coordination through AI, IoT, and cloud-based platforms.

The market has experienced strong tailwinds due to the revival of global travel following COVID-19, compelling airport authorities to modernize infrastructure for resilient, data-driven management. As greenfield and brownfield airport investments gain momentum across emerging economies, airport operators are integrating automated departure control systems, centralized airport operation control centers, and passenger-centric solutions like biometric boarding and self-service kiosks. These innovations are designed to optimize operational visibility, reduce turnaround times, and enhance safety compliance. Moreover, the synergy between terminal-side and airside systems enables real-time decision-making and disruption management, helping airports maintain fluid operations even during peak demand or emergencies.

North America currently leads the global airport information system market, thanks to the presence of technologically mature airport hubs, active federal infrastructure grants, and early deployment of smart air traffic and passenger analytics systems. In the United

States, the Federal Aviation Administration's NextGen initiative has accelerated investment into next-gen IT systems and collaborative decision-making tools. Meanwhile, Europe is making swift progress, driven by climate-neutral aviation goals and increasing public-private partnerships in airport IT development. The Asia Pacific region, however, is forecasted to witness the highest growth during the forecast period, driven by the surge in aviation infrastructure projects in China, India, and Southeast Asia. Urban population expansion and a rise in domestic air travel are prompting governments to overhaul existing airport systems with intelligent, integrated platforms that cater to growing volumes and expectations.

Major market player included in this report are:

SITA

Amadeus IT Group

IBM Corporation

Thales Group

Siemens AG

Honeywell International Inc.

Raytheon Technologies Corporation

Collins Aerospace

Indra Sistemas S.A.

Inform GmbH

RESA Airport Data Systems

Cisco Systems, Inc.

NEC Corporation

Ultra Electronics Holdings plc

T-Systems International GmbH

Global Airport Information System Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

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

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

Customization Scope – Free report customization (equivalent up to 8 analysts' 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 for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By System:

Airport Operation Control Center

Departure Control System

By Airport:

Class A

Class B

Class C

Class D

By Type:

Airside

Terminal Side

By End-Use:

Passenger Systems

Non-Passenger Systems

By Investment:

Brownfield

Greenfield

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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