

# **Global Smart Airport 4.0 Market Size study & Forecast, by Operation (Aeronautical Non-Aeronautical), by Application (Airside Air Traffic Maintenance, Aircraft Maintenance, Passenger Screening, Others) by Size (Large, Medium, Small) by End Market (Implementation, Upgrade & Services) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Smart Airport 4.0 Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Smart Airport 4.0 focuses on the connectivity and real-time information by connecting all stakeholders through an integrated digital ecosystem. Smart airports work on real time data driven insights collected with the application of big data and Internet of Things (IoT)-based systems and equipment. Moreover, Airport 4.0, enables airports to conduct paperless operations, thus enhance their operational and situational awareness, and contributes towards reducing the operational costs. The increasing air traffic passengers worldwide and growing penetration of IoT technologies are key factors driving the market growth.

The increase in global air passenger traffic in post covid era due to rise in touristic activities is contributing towards the growth of the Global Smart Airport 4.0 market. For instance – as per International Air Transport Association (IATA) – as of September 2022 period - Asia-Pacific airlines witnessed a 464.8% rise in September 2022 passenger traffic compared to September 2021 period, witnessing for highest growth among the all the major regions. Additionally, for European carriers September traffic climbed 78.3% from September 2021 period. Furthermore, Capacity increased 43.8%, and load factor increased by 16.3 percentage points to 84.1%. Also, surge in usage of smart

applications at airside operations and increasing investment in greenfield airports would create lucrative growth prospectus for the market over the forecast period. However, the high deployment cost associated with IoT & AI solutions stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Smart Airport 4.0 Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the presence of leading aviation IoT and AI solutions providers and increasing digitization across the airports in the region. Whereas Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising investment in development of green field airports and advancements of existence airport infrastructure and rising penetration pf leading market players in the region.

Major market player included in this report are:

Collins Aerospace

IBM Corporation

Huawei Technologies Co. Ltd.

Cisco Systems Inc.

Sabre Corp.

Amadeus IT Group SA

Honeywell International Inc.

Siemens AG

Thales Group

Indra Sistemas S.A.

Recent Developments in the Market:

In September 2022, Malaysia Airports announced a strategic partnership with Maxis to co-develop a digital transformation roadmap for Smart Airport operations. This strategic Partnership is part of Malaysia Airports - Airports 4.0 digitisation initiatives. Moreover, under this partnership Maxis would be working as the single telco operator to manage company's connectivity services. Maxis will be managing the WiFi and 5G-related network services and solutions at both terminals of the nation's flagship airport, KL International Airport (KLIA).

Global Smart Airport 4.0 Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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

Segments Covered Operation, Application, Size, End Market, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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 Operation

Aeronautical

Non-Aeronautical

By Application

Airside

Air Traffic Maintenance

Aircraft Maintenance

Passenger Screening

Others

By Size

Large

Medium

Small

By End Market

Implementation

Upgrade & Services

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  
RoLA  
Rest of the World

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