

At CAGR of 13% | Smart Airport Market - Global Industry Expected to Grow and Forecast to 2032

Increase in air passenger traffic, rise in utilization of AI & tools for big data analysis, increase in focus on security on airports drive the growth of market

WILMINGTON, DE, UNITED STATES, September 8, 2025 /EINPresswire.com/ -- [Smart airport market size](#) was valued at \$7.10 billion in 2022, and is projected to reach \$24.28 billion by 2032, and registering with a CAGR of 13% from 2023 to 2032.



Factors such as increase in air passenger traffic across the globe, rise in utilization of artificial intelligence and tools for big data analysis, and increase in focus on security on airports boost the growth of the digital twins in automotive market. However, high initial investment costs and lack of trained and experienced staff are anticipated to hinder market growth. On the other hand, enhanced passenger experience and retail revenue and increased focus on sustainability and environmental concerns provide a remarkable growth opportunity for the market players operating in the market.

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Maintaining airport safety and security is critical. Airports face a constantly changing situation of security challenges, including potential terrorist actions, smuggling, and other criminal activities. These concerns need airports to remain vigilant and adapt their security procedures on a regular basis to protect the safety of passengers, their luggage, and airport infrastructure. It is critical to adapt to new technologies and evolving security requirements to maintain a safe and secure environment for all travelers. These threats encompass a range of concerns, from terrorism and smuggling to various forms of illegal activities. Staying vigilant and employing advanced security measures are essential aspects of airport operations. As airports invest in these smart security solutions, it creates opportunities for businesses that provide these technologies. Also, travelers may feel safer and more confident when they use smart airports, which is a win-win for both

passengers and airport operators.

Optimization of runway utilization and scheduling, using modern technology and data analytics to reduce delays, increase safety, and improve overall operational efficiency, is a significant advancement in airside operations. Airports are progressively employing advanced gate allocation systems to shorten aircraft turnaround times, resulting in enhanced flight schedules and better resource allocation. Moreover, automation and robotics are becoming more prevalent in airside activities, streamlining aircraft servicing, maintenance, and cargo handling on the apron, enhancing efficiency and safety.

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The smart airport market has been segmented based on application, airport size, type, and region. By application, the market is segmented into landside, airside, and terminal side. By airport size, the market is divided into small, medium, and large. By type, the market is segmented into airport 2.0, airport 3.0, and airport 4.0. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Based on region, North America held the highest market share in terms of revenue in 2022 and is estimated to maintain its leadership status throughout the forecast period, owing to rise in investments by companies in the region, along with initiatives by governments to boost the use of technologies such as AI, ML, and cloud computing in the airline industry. However, Asia-Pacific is expected to attain the largest CAGR of 15.6% from 2023 to 2032, as the Asia-Pacific region is rapidly advancing smart airport technologies, with countries such as China, India, and Japan leading the way through significant investments in systems such as facial recognition, biometrics, and cloud-based solutions to improve operational efficiency and the passenger experience.

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Leading Players in Industry: -

T-Systems International GmbH
Siemens AG
SITA
Wipro Limited
Honeywell International Inc.
Cisco Systems Inc.
Huawei Technologies Co., Ltd.
Smart Airport Systems (SAS)
Thales

IBM Corporation

The report provides a detailed analysis of these key players in the global [smart airport industry](#). These players have adopted different strategies such as new product launches, collaborations, expansion, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, smart airport segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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