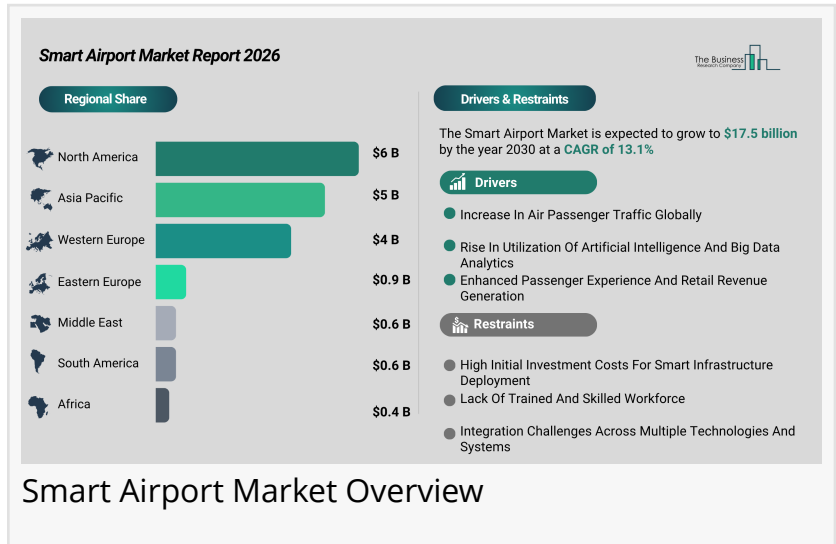


Smart Airport Market to Exceed \$18 billion by 2030 at 13% CAGR, Thales Leads, North America Dominant

The Business Research Company's Smart Airport Market to Exceed \$18 billion by 2030 at 13% CAGR, Thales Leads, North America Dominant

LONDON, GREATER LONDON, UNITED KINGDOM, October 12, 2026 /EINPresswire.com/ -- "The smart airport sector is becoming an increasingly vital component of the broader smart technology landscape, driven by rapid advancements in digital infrastructure and growing passenger demands. As airports adopt more intelligent systems, this market is set to grow substantially over the coming years, reflecting the integration of cutting-edge technology into aviation operations worldwide.



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Expected to grow to \$17.62 billion in 2030 at a compound annual growth rate (CAGR) of 13%”

The Business Research Company

Projected Market Size and Its Position Within the Smart Technology Industry

The [smart airport market](#) is expected to surpass \$18 billion by 2030. This niche forms roughly 1% of the overall Smart Technology market, which is forecasted to reach about \$3,157 billion by the same year. When viewed as part of the massive Information Technology industry, estimated to hit \$13,788 billion in 2030, the smart airport sector

accounts for nearly 0.1% of this vast market value.

Request A Free Sample Of The [Smart Airport Market Report](#)

https://thebusinessresearchcompany.com/sample_request?id=97399257&type=smp&name=Smart%20Airport%20Market%20Report%202026&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct_PR

Overview of Leading Players in the Smart Airport Market

Global leaders specializing in airport technology and aviation infrastructure dominate the smart airport market. These companies focus on developing advanced passenger processing systems, automated security solutions, smart baggage handling, and fully integrated digital platforms. Core competitive advantages revolve around AI-driven automation, real-time analytics, enhanced passenger experiences, and sustainable management of airport operations. For stakeholders aiming to capitalize on this dynamic sector, understanding the competitive environment is essential for strategic growth and innovation.

Top Market Share Holder in the Smart Airport Industry

According to The Business Research Company, Thales Group emerged as the top vendor in 2025, securing a 5% market share. Its transportation systems and airport solutions division is heavily involved in providing airport management software, passenger processing technologies, security systems, and digital platforms, all designed to streamline operations and improve both passenger satisfaction and airport intelligence.

Access The Detailed Smart Airport Market Report Here

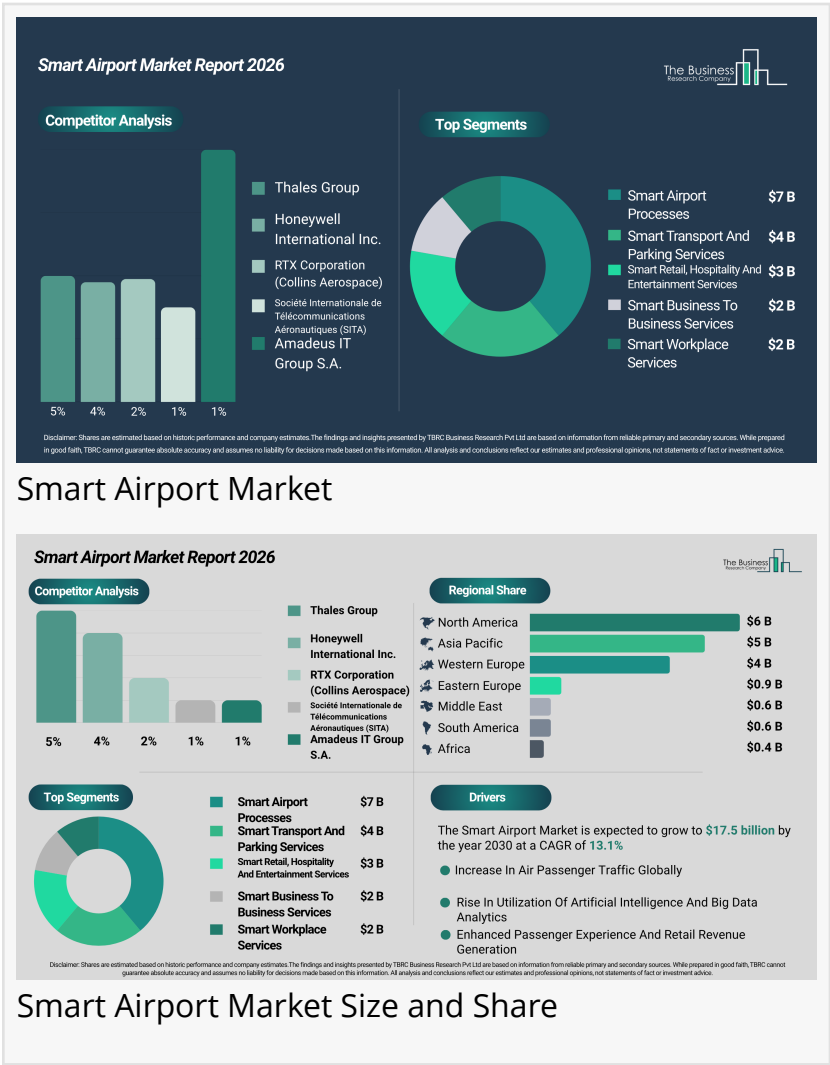
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Regional Growth and Dominance in the Smart Airport Market

North America is forecasted to lead the smart airport market in 2030, reaching a value of \$6.1 billion, up from \$3.2 billion in 2025, growing at a 14% compound annual growth rate (CAGR). This rapid expansion is attributed to extensive digital upgrades of airport infrastructure, investments in intelligent passenger processing, development of connected airport ecosystems, and strong emphasis on cybersecurity and digital identity verification.

Segmentation and Leading Segment Within the Smart Airport Market

The smart airport market is divided by services into smart transport and parking, smart retail



and entertainment, smart workplace, smart airport processes, and smart business-to-business services. Among these, smart airport processes will dominate in 2030, accounting for 42% of the total market or approximately \$7 billion. This segment thrives on innovations like self-service check-in, automated boarding, digital baggage handling, AI-assisted operations management, integrated command centers, and cloud-based real-time monitoring systems.

Additional Market Segments by Infrastructure and Location

Beyond services, the market is categorized by infrastructure types including endpoint devices, communication systems, ground handling controls for passengers, cargo, and baggage; air and ground traffic control; security systems; and other supporting infrastructure. Location-wise, the market segments include landside areas, airside zones, and terminal side operations.

Primary Growth Drivers Fuelling the Smart Airport Market Through 2030

One major growth driver is the rising global air passenger traffic, prompting airports to automate processes such as check-in, baggage handling, and security screening to improve efficiency and reduce delays. This factor alone is expected to contribute about 2.5% annual growth.

Another significant contributor is the increasing adoption of artificial intelligence and big data analytics. These technologies enhance airport operations through predictive maintenance, intelligent security monitoring, optimized flight scheduling, resource allocation, and data-driven decision-making, accounting for an estimated 2.3% annual growth.

Improving passenger experience and boosting retail revenue also play a critical role. Innovations like biometric identification, self-service kiosks, digital wayfinding, personalized mobile applications, and targeted retail promotions streamline traveler journeys and expand commercial opportunities. This influence is expected to add roughly 2.0% growth each year.

Competitive Landscape and Market Fragmentation

The smart airport market is relatively fragmented, with the top 10 companies collectively accounting for only 16% of the market revenue in 2025. Entry barriers are moderate, shaped by strict aviation safety and security regulations, advanced digital infrastructure needs, and the demand for dependable passenger processing. Leading firms maintain their positions through broad technology portfolios, established partnerships with airports, extensive global service networks, and continuous innovation in smart airport and digital aviation solutions. As demand for automation, intelligent security, interconnected airport systems, and data-driven management grows, companies are expected to strengthen competitiveness via strategic alliances, product development, and geographic expansion.

Key Players and Their Market Shares in 2025

Among the market leaders, Thales Group holds a 5% share, followed by Honeywell International Inc. at 4%, RTX Corporation (Collins Aerospace) with 2%, and several others including Société Internationale de Télécommunications Aéronautiques (SITA), Amadeus IT Group S.A., Siemens AG, Daifuku Co., Ltd., Cisco Systems, Inc., Indra Sistemas, S.A., and Lufthansa Systems GmbH &

Co. KG holding shares ranging from 1% to 0.5%.

Notable Trend: Intelligent Operation Centers in Smart Airports

Intelligent operation centers (IOCs) are revolutionizing the sector by enhancing real-time decision-making, operational efficiency, and passenger and flight management. For example, in April 2025, Huawei Technologies Co. Ltd. introduced a smart airport IOC that integrates various airport systems to streamline processes. Utilizing AI-powered analytics, centralized data platforms, and predictive capabilities, the IOC improves resource management and handles disruptions more effectively, thereby supporting smoother operations.

Strategies That Drive Success in the Smart Airport Market

Key approaches include developing technologies that enhance efficiency and security, deploying intelligent airport management systems for better monitoring and control, expanding infrastructure to enable connectivity and automation, and adopting AI tools that boost analytics and passenger management capabilities.

Where the Smart Airport Market Sees the Greatest Potential

All five service segments present substantial growth prospects, collectively expected to add over \$8 billion to the market by 2030. Smart airport processes are projected to grow by \$3 billion, smart transport and parking services by \$2 billion, smart retail and entertainment by \$1 billion, smart workplace services by \$1 billion, and smart business-to-business services by \$1 billion. Drivers of this growth include the use of digital twins for operational optimization, 5G-enabled connected ecosystems, autonomous ground support equipment, robotic services, and advances in cybersecurity and cloud-based management enhancing resilience and real-time coordination.

Common Questions About the Smart Airport Market

The market is anticipated to grow at a 13% CAGR through 2030. The United States is expected to be the largest country market at \$5.3 billion in 2030, up from \$2.9 billion in 2025, fueled by biometric verification, AI-driven operations, real-time analytics, and IoT-enabled infrastructure improving both efficiency and traveler experience.

Major Companies in the Smart Airport Sector

Key industry players include Thales Group, Honeywell International Inc., RTX Corporation (Collins Aerospace), Société Internationale de Télécommunications Aéronautiques (SITA), Amadeus IT Group S.A., Siemens AG, Daifuku Co., Ltd., Cisco Systems, Inc., Indra Sistemas, S.A., Lufthansa Systems GmbH & Co. KG, International Business Machines Corporation, Schneider Electric SE, Huawei Technologies Co., Ltd., Bosch Security Systems GmbH, Beumer Group GmbH & Co. KG, Wipro Limited, L3Harris Technologies, Inc., ADELTE – The Boarding Company, T-Systems International GmbH, Sabre Corporation, Zensors Inc., and Deerns Airport System Consultants.

Key Raw Material Suppliers to the Smart Airport Market

Major suppliers include Cisco Systems, Inc., Honeywell International Inc., Siemens AG, Schneider

Electric SE, Johnson Controls International plc, IBM Corporation, Microsoft Corporation, Intel Corporation, NVIDIA Corporation, Qualcomm Incorporated, NXP Semiconductors N.V., STMicroelectronics N.V., Texas Instruments Incorporated, Bosch Sensortec GmbH, TE Connectivity Ltd., Murata Manufacturing Co., Ltd., Analog Devices, Inc., Infineon Technologies AG, Broadcom Inc., Dell Technologies Inc., Hewlett Packard Enterprise Company, Lenovo Group Limited, Axis Communications AB, Thales Group, and NEC Corporation.

Prominent Wholesalers and Distributors in the Smart Airport Industry

The market's key wholesalers and distributors are Arrow Electronics, Inc., Avnet, Inc., Digi-Key Electronics, Mouser Electronics, Inc., RS Group plc, Farnell Global, TTI, Inc., Allied Electronics & Automation, Ingram Micro Inc., TD ScanSource, Inc., CDW Corporation, Insight Enterprises, Inc., Redington Limited, Bechtel AG, ALSO Holding AG, Esprinet S.p.A., Westcon Group, Exclusive Networks SA, Mindware FZ LLC, Macnica, Inc., EET Group A/S, ASBIS Enterprises PLC, and Logicom Public Limited.

Leading End Users of Smart Airport Technologies

Major users include Fraport AG, Flughafen Zürich AG, Singapore Changi Airport Group, Dubai Airports Company, Heathrow Airport Holdings Limited, Amsterdam Airport Schiphol, Aena S.M.E. S.A., Dallas Fort Worth International Airport, Hamad International Airport, Hong Kong International Airport, Incheon International Airport Corporation, Beijing Capital International Airport Company Limited, Munich Airport GmbH, Los Angeles World Airports, Sydney Airport Holdings Limited, Narita International Airport Corporation, Copenhagen Airports A/S, Istanbul Airport Operations Inc., Abu Dhabi Airports Company, Vancouver Airport Authority, Auckland International Airport Limited, Toronto Pearson International Airport, Miami International Airport, and Frankfurt Airport Services Worldwide.

New additions to our 2026 reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

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