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Advanced Airport Technologies - Global Market Outlook (2017-2026)

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Abstracts

According to Stratistics MRC, the Global Advanced Airport Technologies market is accounted for $10.45 billion in 2017 and is expected to reach $17.51 billion by 2026 growing at a CAGR of 5.9%. Rising mass capacity in airports, increasing influx of passengers in airports and security issues are the major drivers boosting the market growth. However, proper execution of technologies without zero defects is inhibiting the growth of the market.

Airport technology is one of the fastest developing aspects of the entire aviation industry. Advanced Airport Technologies are set to improve airport efficiency, revolutionise airport journey and provide a hassle-free travel experience.

By type, airport digital signage system segment is leading the market as these systems displays flight information of departure/arrival at information security, counters in-check, area belt baggage and area gate through digital screens at an airport. Airport digital signage systems are attractive and are capable of engaging the passengers for a longer duration. It is a system network of content, devices, and cables to meet the goal of presenting relevant and appealing information, both pre-made and live, to more communicate within a high functioning and user-friendly environment.

By Geography, Asia pacific is dominating the market and the growth of this region can be attributed to rapid digitization across various industry verticals and emergence of IoT (Internet of Things).

Some of the key players in the advanced airport technologies market include Restrata Security, Rapiscan Systems, Matrix Systems, Honeywell Airport Systems Gmbh, Dsg Systems As, Nalogic, CISCO, Hitachi Ltd., L3 Communications, Security And Detection

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Systems, Thales, Raytheon Corp., Rockwell Automation, Analogic, Qinetiq ltd. and Sago Systems.

Types Covered:

Airport Digital Signage Systems

Car Parking Systems

Airport Communications

Landing Aids, Guidance and Lighting

Passenger, Baggage and Cargo Handling Control Systems

Airport Management Software

Infrastructures covered:

E-tag system

Biometrics

Security systems

Automated border controls

Radio-frequency identification (rfid) baggage reconciliation system

Robots for passenger and baggage movement

IoT-enabled beacons

Cargo and baggage ground handling control

Near Field Communication (nfc)

Wireless airports

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- Communication systems
- Tags
- Sensors
- Alerts & cyber security
- Smart systems & scalable air traffic management solutions
- E-fence & ground surveillance radar
- Air/ground traffic control
- E-gates
- Common use self service kiosks
- Social media
- Passenger
- Smartphones and tablets
- Video conferencing
- Ip phone
- Endpoint devices
- Other Infrastructures

Applications Covered:

- Noise abatement
- Fee management

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- Collaboration
- Next generation web
- Content management
- Gate management
- Performance management
- Business applications
- Integration
- Business intelligence
- Core applications

Solutions Covered:

- Mass transit
- Car rental
- Landside
- Digital and radar video surveillance
- Runway improvement and apron management
- Airfield ground lighting
- Building management and automation systems
- Life cycle services
- Digital video surveillance and management

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- Lighting control
- Airport city
- Perimeter security
- Access roads
- Parking
- Surface movement guidance
- Advanced visual docking guidance system
- Airside
- Fire and life safety solutions
- Energy management
- Heating, Ventilation, and Air Conditioning (HVAC)
- Terminal side

Services Covered:

- Smart supply chain and MRO services
- No-queue check-in solutions
- Smart business-to-business services
- Mobile worker and expert locator
- Equipment telematics solutions
- Intelligent advertising

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- Passenger specific retail and hospitality
- Smart retail
- Trip concierge
- Real-time travel services
- Traffic and facilities management
- RFID baggage tagging
- Smart airport processes
- Location based services
- Smart workplace services
- Telepresence rooms
- Lean retail solutions
- Intelligent transport services
- Hospitality and entertainment
- Smart transport and parking services

Regions Covered:

- North America
  - US
  - Canada
  - Mexico

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- Europe
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  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India
  - Australia
  - New Zealand
  - South Korea
  - Rest of Asia Pacific
- South America
  - Argentina
  - Brazil
  - Chile

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- Rest of South America
- Middle East & Africa
  - Saudi Arabia
  - UAE
  - Qatar
  - South Africa
  - Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country level segments
- Market share analysis of the top industry players
- Strategic recommendations for the new entrants
- Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

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