

Automatic Boarding Gates Market By Type (Single Unit Gates, Multiple Unit Gates), By Technology (Biometrics, Bar Code Reader, Electronic Ticketing, Computer Vision, RFID, Others) By End User (Airports, Railways, Bus Terminals, Sports Stadiums) : Global Opportunity Analysis and Industry Forecast, 2024-2032

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Abstracts

Automatic Boarding Gates Market

The automatic boarding gates market was valued at \$85.1 million in 2023 and is projected to reach \$132.8 million by 2032, growing at a CAGR of 5.1% from 2024 to 2032.

An automatic boarding gate is a security checkpoint installed at various transportation hubs such as airports that verifies the credentials of passengers without human intervention. With the installation of automatic boarding gates, transportation hubs aim to enhance the boarding experience of passengers through reduced queues, smooth onboarding process, and fast turnaround times. The major functions performed by these gates include facial recognition, biometric authentication, and passenger identification through QR code scanning.

Increase in need for enhanced security solutions and rise in demand for improved operational efficiency in transportation hubs are the key drivers of the automatic boarding gates market. In addition, the user-friendly features of automatic boarding gates are boosting their adoption to elevate the travel experience of passengers. With AI expanding its horizons across diverse industries, the trend of integrating the

technology into automatic boarding gates is swiftly gaining prominence. Through AI, stakeholders aim to refine the experience of travelers by making the onboarding process highly immersive and easily accessible.

However, high capital required for the installation of the gates deters small-scale transportation hubs from investing in them, which restrains the growth of the market. Furthermore, comprehensive technological dependency of automatic boarding gates poses serious security concerns during technical failures and downtimes. This limits their adoption and hampers the market development. On the contrary, the ability of these automatic gates to significantly reduce passenger traffic across different areas is anticipated to present lucrative growth opportunities for the market. An article by the leading aviation news outlet, AeroTime states that advancements in automatic boarding gates reduce the queue time for passengers by 30-40%. Hence, the automatic boarding gates market is poised for a bright future due to its advantageous attributes.

Segment Review

The automatic boarding gates market is segmented into type, technology, end user, and region. On the basis of type, the market is bifurcated into single unit gates and multiple unit gates. As per technology, it is divided into biometrics, bar code reader, electronic ticketing, computer vision, RFID, and others. By end user, it is classified into airports, railways, bus terminals, and sports stadiums. Region wise, it is analyzed across North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa.

Key Findings

On the basis of type, the multiple unit gates segment is projected to garner a high share of the market during the forecast period.

As per technology, the biometrics segment is anticipated to dominate the market by 2032.

By end user, the airports segment is predicted to be the highest shareholder throughout the forecast period.

Region wise, Asia-Pacific is expected to be the highest revenue generator by 2032.

Competition Analysis

The leading players operating in the global automatic boarding gates market include SITA, Gunnebo AB, Boon Edam, Magnetic Autocontrol, NEC Corporation, Collins Aerospace (Raytheon Technologies Corporation), IDEMIA, Kaba (Dormakaba Holding AG), Vision-Box, and IER Blue Solutions. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships, to strengthen their foothold in the competitive market.

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Investment Opportunities

Upcoming/New Entrant by Regions

Regulatory Guidelines

Additional company profiles with specific to client's interest

Expanded list for Company Profiles

Key Market Segments

By Type

Single Unit Gates

Multiple Unit Gates

By Technology

Biometrics

Bar Code Reader

Electronic Ticketing

Computer Vision

RFID

Others

By End User

Airports

Railways

Bus Terminals

Sports Stadiums

By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

UK

Russia

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Argentina

Chile

Rest of Latin America

Middle East and Africa

Saudi Arabia

UAE

South Africa

Nigeria

Rest of Middle East and Africa

Key Market Players

SITA

Gunnebo AB

Boon Edam

Magnetic Autocontrol

NEC Corporation

Collins Aerospace (Raytheon Technologies Corporation)

IDEMIA

Kaba (Dormakaba Holding AG)

Vision-Box

IER Blue Solutions

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