

Automated Border Control Market Outlook 2025-2034: Market Share, and Growth Analysis By Component (Hardware, Software, Services), By Type (Automated Border Control E-gates, Automated Border Control Kiosks), By Application

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Abstracts

The Automated Border Control Market is valued at USD 2.4 billion in 2025 and is projected to grow at a CAGR of 15.3% to reach USD 8.6 billion by 2034. The automated border control (ABC) market is expanding due to the rising need for efficient and secure border management solutions. These systems automate the identity verification and passenger processing procedures, reducing wait times and enhancing security. The market encompasses a range of technologies, including e-gates, biometric identification, and document verification systems.

Technological advancements in biometric identification, such as facial recognition and iris scanning, are improving the accuracy and speed of passenger verification. The integration of artificial intelligence and machine learning is enhancing threat detection and risk assessment. The market is witnessing increased adoption of mobile-based solutions and self-service kiosks.

The competitive landscape is characterized by a mix of technology providers, security companies, and government contractors. Strategic partnerships and collaborations are crucial for developing integrated border control solutions. The growing focus on national security and the increasing volume of international travel are driving market expansion.

Key Insights Automated Border Control Market

Biometric Identification: Increased adoption of facial recognition, iris scanning, and

fingerprinting technologies.

Mobile-Based Solutions: Growing use of mobile apps for pre-travel clearance and passenger verification.

Artificial Intelligence and Machine Learning: Enhancing threat detection and risk assessment.

Self-Service Kiosks: Increasing deployment of self-service kiosks for passenger processing.

Data Analytics and Intelligence: Utilizing data analytics for border security and risk management.

Increased International Travel: Rising volume of passengers crossing international borders.

Enhanced Security Requirements: Growing need for robust security measures to prevent illegal activities.

Reduction of Wait Times: Demand for faster and more efficient passenger processing.

Government Investments: Increased government spending on border security infrastructure.

Technological Advancements: Innovations in biometric identification and automation.

Challenges

Data Privacy Concerns: Ensuring the protection of passenger data and privacy.

Interoperability Issues: Integrating different border control systems and databases.

High Implementation Costs: Significant upfront investments in technology and infrastructure.

System Reliability and Accuracy: Ensuring the accuracy and reliability of biometric identification systems.

Regulatory Compliance: Adhering to international and national border control regulations.

Automated Border Control Market Segmentation

By Component

Hardware

Software

Services

By Type

Automated Border Control E-gates

Automated Border Control Kiosks

By Application

Airport

Landport

Seaport

Key Companies Analysed

Atos SE

Veridos GmbH

NEC Corporation

Gunnebo AB

Idemia Group

SITA S.A.

Indra Sistemas S.A.

Vision-Box

Secunet Security Networks AG

Cross Match Technologies Inc.

Gemalto NV

Accenture plc

DERMALOG Identification Systems GmbH

Cognitec Systems GmbH

Thales Group

Cominfosec Inc.

HID Global Corporation

Magnetic Autocontrol GmbH

Rockwell Collins Aerospace and Electronics Inc.

Innovatrics

Aware Inc.

MorphoTrust USA

OT-Morpho

Arjo Systems

IER SAS

Kaba Group

M2SYS Technology

Securiport LLC

X Infotech

BioID AG

Automated Border Control Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Automated Border Control Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Automated Border Control market data and outlook to 2034

United States

Canada

Mexico

Europe — Automated Border Control market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Automated Border Control market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Automated Border Control market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Automated Border Control market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Automated Border Control value chain with secondary data from associations, government publications,

trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Automated Border Control industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Automated Border Control Market Report

Global Automated Border Control market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Automated Border Control trade, costs, and supply chains

Automated Border Control market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Automated Border Control market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Automated Border Control market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Automated Border Control supply chain analysis

Automated Border Control trade analysis, Automated Border Control market price analysis, and Automated Border Control supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Automated Border Control market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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