

# **Security Screening Systems Market Report by Product Type (X-Ray Screening Systems, Explosive Trace Detector, Electromagnetic Metal Detector, Shoe Scanner, Liquid Scanner, Biometric Systems), Application (Transit, Government, Commercial), and Region 2024-2032**

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## **Abstracts**

The global security screening systems market size reached US\$ 8.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 13.4 Billion by 2032, exhibiting a growth rate (CAGR) of 5.1% during 2024-2032.

Security screening is the process of visual, manual and electronic examination of individuals, containers and packages. It helps in identifying if an object or person is carrying any contraband and prohibited article, such as concealed explosives and weapons. The procedure of security screening is generally conducted before entering any premises; however, various high-security locations require searching during both entry and exit. Some of the common places that require effective security screening systems include prisons, airports, museums, courthouses and railway stations. At present, there are several types of security screening solutions available in the market, including people scanners, full-body security scanners and personnel security screening systems. These systems are embedded with advanced imaging technologies and use millimeter waves or x-rays.

Over the past few years, various law enforcement and intelligence authorities across the globe have implemented stringent regulations, which is leading to the rising demand for high-tech screening systems. Besides this, with the increasing movement of cargo and people across borders, the International Civil Aviation Organization and the 193

contracting states in the Convention on International Civil Aviation have started focusing on improving aviation security. In line with this, in March 2019, the Civil Aviation (Security) Regulations 2019 were introduced by Malaysia, as one of the contracting states. The implementation of these regulations has created employment opportunities for numerous people, as well as growth prospects for the market players. Moreover, in recent years, an increase in terrorist activities has led to the emergence of innovative explosive trace detection (ETD) systems for security screening across various sectors. For instance, the Czech Republic-based anti-terrorist security systems manufacturer, INWARD DETECTION, recently introduced M-ION, which can identify and detect a wide range of explosives, including composite and pure explosives, under different pressure and humidity conditions.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global security screening systems market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on product type and application.

#### Breakup by Product Type:

- X-Ray Screening Systems
- Explosive Trace Detector
- Electromagnetic Metal Detector
- Shoe Scanner
- Liquid Scanner
- Biometric Systems

At present, X-ray screening systems are the most preferred product type.

#### Breakup by Application:

- Transit
- Aviation
- Maritime
- Land Transportation
- Government
- Commercial

The transit sector represents the largest application segment and is further categorized

on the basis type into aviation, maritime and land transportation.

#### Breakup by Region:

North America

Asia Pacific

Europe

Middle East and Africa

Latin America

North America currently represents the biggest market, accounting for the largest market share.

#### Competitive Landscape:

The report has also examined the competitive landscape of the market, with some of the key players being American Science and Engineering, Inc., Analogic Corporation, Argus Global Pty Ltd, Aware Incorporation, Digital Barriers PLC, Magal Security Systems Ltd., OSI Systems, Inc., Safran SA, and Smiths Group PLC.

#### Key Questions Answered in This Report:

How has the global security screening systems market performed so far and how will it perform in the coming years?

What are the key regional markets in the global industry?

What has been the impact of COVID-19 on the global security screening systems industry?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the industry and who are the key players?

What is the degree of competition in the industry?

What are the profit margins in the industry?

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