

Security Screening Market – Global Industry Size, Share, Trends, Opportunity, and Forecast. 2018-2028F Segmented By Technology (X-Ray Systems, Explosive Detectors, Biometric System, Metal Detectors, Computed Tomography System (CT) and Others), By Application (People Screening, Baggage and Cargo Screening and Vehicle Inspection), By End-User (Airports, Ports & Borders, Defense, Critical Infrastructure, Commercial, Transportation and Others), By Region, Competition

<https://marketpublishers.com/r/SA905EF86AB5EN.html>

Date: September 2023

Pages: 188

Price: US\$ 4,900.00 (Single User License)

ID: SA905EF86AB5EN

Abstracts

Security Screening market is growing rapidly due to the increasing need for regional security concerns and public gathering surveillance with growing surge for biometric solutions in private sector. Security screening safeguards both financial and human security against dangers posed by unethical and criminal behavior. The rising demand for security equipment such as X-ray systems, portable detectors, and biometric systems is expected to fuel expansion in the security screening market. Security screening is becoming the foundational technology model during the COVID19 pandemic in the public infrastructure. Many enterprises are adopting security screening as a cost-effective solution to bolster the need for securing classified information and background checks. With the rapid changes in regulatory frameworks, working habits, and customer expectations, technology for security continues to be a growing area of investment for government and institutions as they streamline their operations. Additionally, the growth of the market is on account of the easy availability of integrated screening systems due to continuous technological advancements which has enabled

vendors to integrate traditional screening and scanning products in the forecasting years. Technology has become the key enabler of excellence and businesses are including advanced technology coupled with security screening systems during the construction of commercial, security, and government complexes and other buildings in smart cities gradually. The increasing attention to security regulations and rapid expansion in collaboration between national regulatory and security institutions are further expected to boost the global security screening market in the forecast period.

Increasing Regional Security Concerns and Public Gathering Surveillance

The growing concerns and the massive adoption of security screening applications in the public as well as in the organizations for surveillance and security concerns have spurred the growth in security screening market, globally. Financial institutions and banks have experienced a variety of challenges in enterprise security related to traditional cross-border payment systems, including additional processing fees, fraud risks in payment channels, and security breaches. Moreover, due to the rising pandemic cases, the government of various countries are demanding advance surveillance solutions to control unnecessary public gatherings. To address these challenges, government, security forces and other institutions are adapting surveillance cameras, facial recognitions, and AI based identity management to reduce the spread of pandemic. Furthermore, the growing need for event-based surveillance (EBS) to capture real-time information about events that are a potential risk to public health, is encouraging consumers to implement security screening solutions, thereby supporting the growth of the security screening industry.

Surge in Demand for Biometric Solutions in Private Sector

The increased demand for biometric solutions in the private sector such as consumer electronics is likely to drive the expansion of the security screening market over the forecast period. Fraudulent activities such as money laundering, leakage of crucial information, and security breaches have grown immensely. Additionally, the growing usage of fingerprint biometrics for employee identification and attendance in the public and private sectors require a more comprehensive security screening process as it reduces the risk of information (passwords) or tokens (keys or chip cards) being stolen or passed on to unauthorized people. Moreover, biometric technologies such as facial recognition, voice, fingerprint or iris scanning technologies are becoming cheaper, more accurate and more advanced. As a result, these solutions are high in demand by the enterprises and are becoming more integrated into the private sector. Furthermore, the rising integration of technologies along with growing penetration of smart phone users,

are increasing the demand for biometrics market to develop more advanced solutions to enhance smartphone or smart devices security. The enterprises are exponentially concerned more for utilizing the enormous benefits of advanced biometrics solutions for identity management, increasing their efficiency and higher level of security compared to other forms of access control. Thus, the rising demand for biometrics solutions is expected to grow the security screening market globally in the forecast period.

Rising Adoption of Smart Technology in Security Screening Systems

The rise in the adoption of smart technologies in security screening systems are propelling the growth of security screening market globally. Smart technologies such as facial recognition, iris recognition, computed tomography (CT) and many more, are gaining popularity. Traditional technologies are not effective with continuously evolving threats in the screening process along with the passengers becoming increasingly dissatisfied with long intrusive processes. Smart technology helps in increasing the operational efficiency, providing seamless passenger experience, and offering security strengthening to the customer. In addition, smart security does not rely on one technology but instead uses a broad array of active and passive vetting and authentication methods. Smart technology is a cost-effective and dependable technology that helps enterprises quickly adapt to the pressures of rising security breaches. Smart security screening solutions can provide greater confidence in meeting an organization's broad governance requirement for security and risk. Furthermore, these technologies can detect concealed weapons in a crowd to chemical detectors that can find hidden explosives in real-time, thus enabling the adoption by airports, sports stadiums, and various organizations, thereby, propelling the growth of security screening market in the forecast period.

Market Segmentation

The security screening market is segmented into technology, application, end-user, and region. Based on technology, the market is bifurcated into x-ray systems, explosive detectors, biometric system, metal detectors, computed tomography system (CT) and others. Based on application, the market is categorized into people screening, baggage and cargo screening, and vehicle inspection. The end-user segment is further categorized into airports, ports & borders, defense, critical infrastructure, commercial, transportation and others.

Market Player

Major market players in the Global Security Screening market are Smiths Group Plc, OSI Systems Inc., 3DX-RAY Ltd, Analogic Corporation, L3 Communication Security and Detection Systems Inc., Aware Inc., Digital Barriers Plc, Raytheon Company, Mangal Security Systems Ltd., and American Science and Engineering Inc.

Report Scope:

In this report, the Global Security Screening Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Security Screening Market, By Technology

X-Ray Systems

Explosive Detectors

Biometric System

Metal Detectors

Computed Tomography System (CT)

Others

Security Screening Market, By Application

People Screening

Baggage and Cargo Screening

Vehicle Inspection

Security Screening Market, By End-User

Airports

Ports & Borders

Defense

Critical Infrastructure

Commercial

Transportation

Others

Security Screening Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

China

Japan

South Korea

India

Australia

Europe

United Kingdom

Germany

France

Italy

Spain

South America

Brazil

Argentina

Colombia

Middle East

UAE

Saudi Arabia

South Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Security Screening Market.

Available Customizations:

Global Security Screening Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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