

Global Air Cargo Screening Systems Market Size study & Forecast, by Technology (Explosive Detection Systems, Explosive Trace Detection Systems, Metal Detection Systems, Non-Computed Tomography (Non-CT) Transmission X-ray Devices), Airport Type (International and Domestic) and Regional Analysis, 2022-2029

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Abstracts

Global Air Cargo Screening Systems Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than 4.0% over the forecast period 2022-2029. Air Cargo Screening Systems are devices used located in airport checkpoints to detect explosives and contraband hidden in cargo. The Air Cargo Screening Systems market is expanding because of factors such as the rapid expansion of the aviation sector and increasing investments in the modernization of airport infrastructure. This market is dominated by Leidos, Inc., Rapiscan System Inc., L3 Security & Detection Systems, Smith's Detection Inc. and VOTI Detection Inc.

Air cargo management systems help security agencies protect airport infrastructure from security breaches while ensuring the smooth functioning of global supply chains and boosting national economic prospects through air transportation services. This market is influenced due to the increasing aviation sector and investment made in airport infrastructure. For instance, according to IATA, around US\$1.2-1.5 trillion is expected to be spent on global airport infrastructure development by 2030, requiring a significant increase in capital investment. IATA strives to ensure that large-scale airport expansion projects develop cost-effective facilities that balance capacity and demand while providing functionality, service levels and operational efficiencies. In February 2020, the Indian government announced that it would build 100 new airports by 2024.

The new airport will have a dedicated terminal for cargo, further increasing the demand for screening systems from the region during the forecast period. In June 2022, India's Civil Aviation Minister announced that 2024 he will add 33 cargo terminals by 2025. In addition, explosive trace detection systems are expected to increase the opportunity for this market. However, the stringent regulations related to the screening of air cargo by the transportation security agency (TSA) stifle market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Air Cargo Screening Systems Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue due to the dominance of branded products and the increasing prevalence of diseases in the region. Asia-Pacific is expected to grow at the highest CAGR during the forecast period, owing to factors such as population growth, increased number of collaborations for geographic expansion by key players, and active participation of governments and non-profit organizations. According to the IATA report, total air cargo volume in 2021 increased by 6.9% compared to 2019. Additionally, an IATA report found that by 2024, China will overtake the United States to become the largest aviation market, and India will overtake the United Kingdom to become its third-largest aviation market which creates the demand for air cargo control systems during the forecast period.

Major market player included in this report are:

L3 Security & Detection Systems

Teledyne UK Limited

Astrophysics Inc.

Smiths Detection Inc.

3DX-RAY

Autoclear, LLC

EAS Envimet Analytical Systems Ges.m.b.H.

Leidos, Inc.

VOTI Detection Inc.

ICTS Europe S.A

Recent Developments in the Market:

In April 2021, Smiths Detection Inc. introduced a new lithium battery algorithm to the HI-SCAN 10080 EDX-2is Air Cargo and Checked Baggage Screening System.

Automatically detect lithium batteries in all baggage and cargo searching for explosives.

In August 2022, Smiths Detection Inc. signed a contract with Falcon Group in order to provide advanced detection systems for baggage storage, passenger checkpoints and

cargo screening at airports across Egypt. The order includes the delivery of X-ray scanners, trace detectors and personnel management systems to improve airport security. The order value was \$19 million.

In November 2021, Smiths Detection Inc. signed a \$20 million contract with the U.S. Transportation Security Administration (TSA) to supply her CTX 9800 explosives detection system for baggage screening at various U.S. airports.

Global Air Cargo Screening Systems Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Airport Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Explosive Detection Systems

Explosive Trace Detection Systems

Metal Detection Systems

Non-Computed Tomography (Non-CT) Transmission X-ray Devices

By Airport Type:

International

Domestic

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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