

Air Cargo Security and Screening Systems Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global air cargo security and screening systems market size reached US\$ 888.9 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,246.0 Million by 2028, exhibiting a growth rate (CAGR) of 5.73% during 2023-2028.

Air cargo security and screening systems are installed at airports by the airport authorities so that the rising flow and scrutiny of cargo consignment can be handled efficiently, accurately and quickly. Due to globalisation, a huge number of air service providers have entered causing an increase in air traffic and flow of cargo consignments on airports. Air cargo security and screening systems help to scan the cargos without any errors and without the restriction of size of the cargo. Screenings based on X-rays, ETD and EDS technologies are currently used in major systems. These technologies create high penetration to detect and identify contraband and goods that might compromise safety and business operations. They are also highly automated and result in significant savings on manual labour and time.

Assured security is a key factor catalysing the demand of air cargo security and screening systems. These systems can scan parcels and detect hidden illegal items, such as explosives, weapons, chemicals, firearms and narcotics. In the recent past, a rising risk of attacks and threats through explosives have driven the increasing adoption of these technologies. Moreover, these modern systems are capable of screening high volumes of cargo in shorter time spans. Due to a considerable increase in global air cargo traffic, the need for effective and powerful security and screening systems has also increased. Security check for cargo shipments through physical inspection was possible only in the past when the air cargo traffic was scanty, however, with the ascend in number of air cargo services, the airport authorities are under an increasing pressure

of implementing such technologies that enhance screening and surveillance of high volumes of cargo.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global air cargo security and screening systems market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on technology, size of screening systems and application.

Breakup by Technology:

X-Ray Systems

ETD (Explosive Trace Detection)

EDS (Explosive Detection Systems)

Based on the technology, the market has been segmented as X-ray systems, ETD (explosive trace detection) and EDS (explosive detection systems).

Breakup by Size of Screening Systems:

For Small Cargo

For Break and Pallet Cargo

For Oversized Cargo

Based on the size of screening systems, the market has been segmented as for small cargo, break and pallet cargo, and oversized cargo.

Breakup by Application:

Narcotics Detection

Explosive Detection

Metal and Contraband Detection

Based on the application, the market has been segmented as narcotics detection, explosive detection, and metal and contraband detection.

Regional Insights:

North America

Asia Pacific

Europe

Middle East and Africa

Latin America

Region-wise, the market has been segmented into North America, Asia Pacific, Europe, Middle East and Africa, and Latin America.

Competitive Landscape:

The competitive landscape of the market has also been examined with some of the key players being 3DX-RAY, American Science and Engineering, L-3 Communications Security and Detection Systems, Inc, Morpho Detection, LLC, Rapiscan Systems, Armstrong Monitoring, Astrophysics, Inc., CEIA, Autoclear LLC and Gilardoni.

This report provides a deep insight into the global air cargo security and screening systems market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the air cargo security and screening systems industry in any manner.

Key Questions Answered in This Report

1. What is the market size for the global air cargo security and screening systems market in 2022?
2. What are the key factors driving the global air cargo security and screening systems market?
3. What has been the impact of COVID-19 on the global air cargo security and screening systems market?
4. What is the breakup of the global air cargo security and screening systems market based on the application?
5. What is the breakup of the global air cargo security and screening systems market based on the technology?
6. What are the key regions in the global air cargo security and screening systems market?
7. Who are the key companies/players in the global air cargo security and screening systems market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL AIR CARGO SECURITY AND SCREENING SYSTEMS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Technology
- 5.5 Market Breakup by Size of Screening Systems
- 5.6 Market Breakup by Application
- 5.7 Market Breakup by Region
- 5.8 Market Forecast
- 5.9 SWOT Analysis
 - 5.9.1 Overview
 - 5.9.2 Strengths
 - 5.9.3 Weaknesses
 - 5.9.4 Opportunities
 - 5.9.5 Threats

5.10 Value Chain Analysis

5.11 Porters Five Forces Analysis

5.11.1 Overview

5.11.2 Bargaining Power of Buyers

5.11.3 Bargaining Power of Suppliers

5.11.4 Degree of Competition

5.11.5 Threat of New Entrants

5.11.6 Threat of Substitutes

5.12 Price Analysis

6 MARKET BREAKUP BY TECHNOLOGY

6.1 X-Ray Systems

6.1.1 Market Trends

6.1.2 Market Forecast

6.2 ETD (Explosive Trace Detection)

6.2.1 Market Trends

6.2.2 Market Forecast

6.3 EDS (Explosive Detection Systems)

6.3.1 Market Trends

6.3.2 Market Forecast

7 MARKET BREAKUP BY SIZE OF SCREENING SYSTEMS

7.1 For Small Cargo

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 For Break and Pallet Cargo

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 For Oversized Cargo

7.3.1 Market Trends

7.3.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

8.1 Narcotics Detection

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Explosive Detection

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Metal and Contraband Detection

8.3.1 Market Trends

8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Asia Pacific

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Europe

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 Middle East and Africa

9.4.1 Market Trends

9.4.2 Market Forecast

9.5 Latin America

9.5.1 Market Trends

9.5.2 Market Forecast

10 MANUFACTURING PROCESS

10.1 Product Overview

10.2 Raw Material Requirements

10.3 Manufacturing Process

10.4 Key Success and Risk Factors

11 COMPETITIVE LANDSCAPE

11.1 Market Structure

11.2 Key Players

11.3 Profiles of Key Players

11.3.1 3DX-RAY

11.3.2 American Science and Engineering

- 11.3.3 L-3 Communications Security and Detection Systems, Inc
- 11.3.4 Morpho Detection, LLC
- 11.3.5 Rapiscan Systems
- 11.3.6 Armstrong Monitoring
- 11.3.7 Astrophysics, Inc.
- 11.3.8 CEIA
- 11.3.9 Autoclear LLC
- 11.3.10 Gilardoni

List Of Tables

LIST OF TABLES

Table 1: Global: Air Cargo Security and Screening Systems Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Air Cargo Security and Screening Systems Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 3: Global: Air Cargo Security and Screening Systems Market Forecast: Breakup by Size of Screening Systems (in Million US\$), 2023-2028

Table 4: Global: Air Cargo Security and Screening Systems Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Air Cargo Security and Screening Systems Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Air Cargo Security and Screening Systems Manufacturing: Raw Material Requirements

Table 7: Global: Air Cargo Security and Screening Systems Market: Competitive Structure

Table 8: Global: Air Cargo Security and Screening Systems Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Air Cargo Security and Screening Systems Market: Major Drivers and Challenges

Figure 2: Global: Air Cargo Security and Screening Systems Market: Sales Value (in Million US\$), 2017-2022

Figure 3: Global: Air Cargo Security and Screening Systems Market: Breakup by Technology (in %), 2022

Figure 4: Global: Air Cargo Security and Screening Systems Market: Breakup by Size of Screening Systems (in %), 2022

Figure 5: Global: Air Cargo Security and Screening Systems Market: Breakup by Application (in %), 2022

Figure 6: Global: Air Cargo Security and Screening Systems Market: Breakup by Region (in %), 2022

Figure 7: Global: Air Cargo Security and Screening Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 8: Global: Air Cargo Security and Screening Systems Industry: SWOT Analysis

Figure 9: Global: Air Cargo Security and Screening Systems Industry: Value Chain Analysis

Figure 10: Global: Air Cargo Security and Screening Systems Industry: Porter's Five Forces Analysis

Figure 11: Global: Air Cargo Security and Screening Systems (X-Ray Systems) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Air Cargo Security and Screening Systems (X-Ray Systems) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Air Cargo Security and Screening Systems (Explosive Trace Detection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Air Cargo Security and Screening Systems (Explosive Trace Detection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Air Cargo Security and Screening Systems (Explosive Detection Systems) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Air Cargo Security and Screening Systems (Explosive Detection Systems) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Air Cargo Security and Screening Systems (For Small Cargo) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Air Cargo Security and Screening Systems (For Small Cargo) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Air Cargo Security and Screening Systems (For Break and Pallet Cargo) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Air Cargo Security and Screening Systems (For Break and Pallet Cargo) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Air Cargo Security and Screening Systems (For Oversized Cargo) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Air Cargo Security and Screening Systems (For Oversized Cargo) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Air Cargo Security and Screening Systems (Narcotics Detection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Air Cargo Security and Screening Systems (Narcotics Detection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Air Cargo Security and Screening Systems (Explosive Detection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Air Cargo Security and Screening Systems (Explosive Detection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Air Cargo Security and Screening Systems (Metal and Contraband Detection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Air Cargo Security and Screening Systems (Metal and Contraband Detection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: North America: Air Cargo Security and Screening Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: North America: Air Cargo Security and Screening Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Asia Pacific: Air Cargo Security and Screening Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Asia Pacific: Air Cargo Security and Screening Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Europe: Air Cargo Security and Screening Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Europe: Air Cargo Security and Screening Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Middle East and Africa: Air Cargo Security and Screening Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Middle East and Africa: Air Cargo Security and Screening Systems Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Latin America: Air Cargo Security and Screening Systems Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Latin America: Air Cargo Security and Screening Systems Market Forecast:

Sales Value (in Million US\$), 2023-2028

Figure 39: Air Cargo Security and Screening Systems Manufacturing: Process Flow

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