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Global Baggage Scanner Market Size Study & Forecast, by Sorting System (Vacuum System, Radio frequency Identification) and by End User (Railway Stations, Border checkpoints, Airports, Educational Institutes, Public Sectors, Commercial Facilities Others) and Regional Analysis, 2023-2030

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Abstracts

Global Baggage Scanner Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Baggage scanners employ X-ray technology to display the contents of baggage on a computer screen, identifying any potentially dangerous objects through different colors. These scanners are used in security applications such as at railway stations, border checkpoints, airports, educational institutes, public sectors, and commercial facilities, raising alarms when necessary. The baggage scanner market growth is likely to be driven by the factors such as steady growth in global air travel, rising implementation of stringent security regulations for air travel ,and an increased focus on security awareness in public spaces.

The market growth is driven by the surge in illegal and terrorist activities globally. As per the Global Terrorism Index 2023 report, there has been a significant increase in the severity of terrorist attacks in 2022, with lethality rising by 26%. The number of global terrorist attacks reached 5,226 in 2021. Terrorist groups have been adopting more sophisticated technologies such as drones, GPS systems, and encrypted messaging services to carry out their activities. The modernization of transportation hubs, government policies on public safety, and increased implementation of security measures at railway stations, airports, checkpoints, and borders are creating various growth prospects for the global market over the forecast period. However, the high cost

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of installation of a baggage scanner and logistical challenges and operational complexities in deploying and maintaining baggage scanner systems stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Baggage Scanner Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share owing to the presence of agencies such as the Transportation Security Administration (TSA) in the United States which enforces strict security measures at airports and other transportation hubs. The region places a strong emphasis on preventing potential threats and ensuring the safety of travelers and the general public. Asia Pacific is expected to grow significantly during the forecast period, owing to the escalating terrorist threats and a stronger emphasis on safety.

Major market players included in this report are:

Vanderlande Industries B.V.

Siemens AG

Daifuku-Webb Logan Co.

Astrophysics Inc

Crisplant a/s

3D X-ray Ltd

Glidepath Ltd

L3Harris Technologies, Inc.

OSI Systems Inc

G&S Airport Conveyor

Recent Developments in the Market:

In December 2022, Hikvision India introduced an advanced X-Ray Baggage

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Scanner with an AI-based intelligent security inspection system in the country. This innovative technology marks one of the initial deployments of X-Ray Baggage Scanners with AI-based intelligent security inspection systems in India. The state-of-the-art security inspection system is equipped with integrated features such as intelligent threat object recognition, real-time video monitoring, variable speed functionality, and more.

In June 2022, Thales unveiled HELIXVIEW, a new and innovative Cabin Baggage Explosive Detection System (EDS CB). HELIXVIEW is a compact, lightweight, and stationary system that eliminates the need for passengers to remove items from their luggage during the scanning process. It complies with the C3 standard for EDS CB and incorporates X-ray nanotechnology-based electronic scanning and 3D imaging reconstruction. Additionally, Thales leverages its expertise in Artificial Intelligence (AI) and Cybersecurity to deliver an intelligent and cost-effective solution for airports.

Global Baggage Scanner Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Sorting System, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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

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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 Sorting System:

Vacuum System

Radio frequency Identification

By End User:

Railway Stations

Border checkpoints

Airports

Educational Institutes

Public Sectors

Commercial Facilities

Others

By Region:

North America

U.S.

Canada

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Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

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South Africa

Rest of Middle East & Africa

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