+357 96 030922
info@marketpublishers.com

X-ray Security Screening System Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application

https://marketpublishers.com/r/X1AFD8735007EN.html
Date: February 2025
Pages: 88
Price: US$ 3,200.00 (Single User License)
ID: X1AFD8735007EN

Abstracts

X-ray Security Screening System Market Overview The X-ray security screening system market has been experiencing notable growth, driven by increasing security concerns globally and the rising demand for advanced technologies to enhance safety. These systems are critical in aviation, ports and borders, urban security, and defense applications, where they are used to detect and prevent threats such as explosives, weapons, and contraband. The growing emphasis on public safety and national security, along with advancements in AI and machine learning for threat detection, has further propelled the market's expansion. As security needs evolve, the demand for X-ray security screening systems is expected to increase across various sectors.Market Size The global X-ray security screening system market is anticipated to grow at a compound annual growth rate (CAGR) of 5-7% from 2025 to 2030. This growth is largely fueled by the increasing focus on safety in high-risk environments, the adoption of stringent security regulations, and the integration of advanced technologies like artificial intelligence and automation in screening processes. Despite challenges such as high initial installation costs and regulatory complexities, the market is poised for consistent expansion due to growing security infrastructure investments globally.Market Share & Trends Analysis By Application The X-ray security screening system market is segmented into various application areas: Aviation: The aviation segment holds a dominant share of the market due to stringent security measures in airports worldwide. This segment is projected to grow at a CAGR of 6-8% as airports continue to enhance security protocols. Ports and Borders: Security at ports and borders is a growing concern, with X-ray systems playing a critical role in detecting illegal activities. This segment is expected to grow at a CAGR of 5-7% due to increasing trade and security checks at border facilities. Urban Security: The demand for urban security solutions is rising, particularly in metropolitan areas with large-scale public events or high-density

+357 96 030922
info@marketpublishers.com

population centers. This segment is projected to grow at a CAGR of 4-6% as cities enhance surveillance and security infrastructures. Defense: In defense, X-ray security screening systems are crucial for military and defense applications. This segment is likely to grow at a CAGR of 5-7% as defense agencies adopt advanced technology to secure military installations. By Key Players Key players in the X-ray security screening system market are leading innovation with advanced technologies and widespread industry applications: Leidos: Leidos is a major player in the market, providing comprehensive security solutions, including X-ray screening systems for various sectors. Smiths Detection: Known for its cutting-edge X-ray systems, Smiths Detection serves multiple industries, including aviation, defense, and critical infrastructure. Analogic Corporation: Analogic provides advanced X-ray imaging systems that are widely used for security and surveillance purposes. IDSS Corp.: IDSS specializes in the development of X-ray security screening systems, catering primarily to government and military sectors. ScanTech AI Systems Inc.: ScanTech AI is known for integrating artificial intelligence with X-ray screening systems to enhance threat detection capabilities. By Region The X-ray security screening system market is witnessing varying growth across different regions: North America: North America holds a significant market share, driven by the high adoption of security technologies in the aviation and defense sectors. The region is expected to grow at a CAGR of 5-7%. Europe: Europe is another prominent region for the market, supported by stringent security regulations and growing demand in airports and urban security. The growth rate is estimated at 4-6%. Asia-Pacific: The Asia-Pacific region is anticipated to witness the fastest growth, with a projected CAGR of 6-8% due to the expanding security infrastructure in countries like China and India, along with rising investments in airport security and urban safety. Latin America: Latin America is expected to show steady growth, driven by the increasing need for security in urban areas and the growing aviation sector, with an estimated CAGR of 4-6%. Middle East & Africa: The Middle East and Africa are expected to experience moderate growth at a CAGR of 4-5%, driven by security investments and the need for defense-related applications.Market Opportunities & Challenges Opportunities Growing Security Concerns: As global security concerns increase, particularly in transportation, urban areas, and defense, there is a growing demand for advanced X-ray security screening systems to ensure safety and prevent threats. Technological Advancements: Innovations in AI, machine learning, and automation present significant opportunities to improve the efficiency and accuracy of X-ray security screening systems, enhancing threat detection capabilities. Infrastructure Development: The expansion of airports, ports, and urban security systems, particularly in developing regions, offers considerable market growth potential for X-ray screening solutions. Challenges High Installation Costs: The initial cost of installing advanced X-ray systems can be prohibitive for some markets, especially in

+357 96 030922
info@marketpublishers.com

developing regions, which could slow adoption rates. Regulatory Challenges: Stringent government regulations regarding the use and deployment of security technologies can create barriers to market entry and increase operational complexity. Competition from Alternative Technologies: The emergence of alternative security technologies, such as biometric identification and advanced sensors, could pose a competitive challenge to X-ray systems.

+357 96 030922
info@marketpublishers.com

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

3.1 Research Scope
3.2 Research Sources
  3.2.1 Data Sources
  3.2.2 Assumptions
3.3 Research Method
Chapter Four Market Landscape
4.1 Market Overview
4.2 Classification/Types
4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

5.1 Introduction
5.2 Drivers
5.3 Restraints
5.4 Opportunities
5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

6.1 Upstream/Suppliers Analysis
6.2 X-Ray Security Screening System Analysis
  6.2.1 Technology Analysis
  6.2.2 Cost Analysis
  6.2.3 Market Channel Analysis
6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

7.1 Latest News
7.2 Merger and Acquisition

+357 96 030922
info@marketpublishers.com

7.3 Planned/Future Project
7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST X-RAY SECURITY SCREENING SYSTEM MARKET IN NORTH AMERICA (2020-2030)

8.1 X-Ray Security Screening System Market Size
8.2 X-Ray Security Screening System Market by End Use
8.3 Competition by Players/Suppliers
8.4 X-Ray Security Screening System Market Size by Type
8.5 Key Countries Analysis
  8.5.1 United States
  8.5.2 Canada
  8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST X-RAY SECURITY SCREENING SYSTEM MARKET IN SOUTH AMERICA (2020-2030)

9.1 X-Ray Security Screening System Market Size
9.2 X-Ray Security Screening System Market by End Use
9.3 Competition by Players/Suppliers
9.4 X-Ray Security Screening System Market Size by Type
9.5 Key Countries Analysis
  9.5.1 Brazil
  9.5.2 Argentina
  9.5.3 Chile
  9.5.4 Peru

CHAPTER 10 HISTORICAL AND FORECAST X-RAY SECURITY SCREENING SYSTEM MARKET IN ASIA & PACIFIC (2020-2030)

10.1 X-Ray Security Screening System Market Size
10.2 X-Ray Security Screening System Market by End Use
10.3 Competition by Players/Suppliers
10.4 X-Ray Security Screening System Market Size by Type
10.5 Key Countries Analysis
  10.5.1 China
  10.5.2 India
  10.5.3 Japan

+357 96 030922
info@marketpublishers.com

10.5.4 South Korea
10.5.5 Southest Asia
10.5.6 Australia

CHAPTER 11 HISTORICAL AND FORECAST X-RAY SECURITY SCREENING SYSTEM MARKET IN EUROPE (2020-2030)

11.1 X-Ray Security Screening System Market Size
11.2 X-Ray Security Screening System Market by End Use
11.3 Competition by Players/Suppliers
11.4 X-Ray Security Screening System Market Size by Type
11.5 Key Countries Analysis
11.5.1 Germany
11.5.2 France
11.5.3 United Kingdom
11.5.4 Italy
11.5.5 Spain
11.5.6 Belgium
11.5.7 Netherlands
11.5.8 Austria
11.5.9 Poland
11.5.10 Russia

CHAPTER 12 HISTORICAL AND FORECAST X-RAY SECURITY SCREENING SYSTEM MARKET IN MEA (2020-2030)

12.1 X-Ray Security Screening System Market Size
12.2 X-Ray Security Screening System Market by End Use
12.3 Competition by Players/Suppliers
12.4 X-Ray Security Screening System Market Size by Type
12.5 Key Countries Analysis
12.5.1 Egypt
12.5.2 Israel
12.5.3 South Africa
12.5.4 Gulf Cooperation Council Countries
12.5.5 Turkey

CHAPTER 13 SUMMARY FOR GLOBAL X-RAY SECURITY SCREENING SYSTEM MARKET (2020-2025)

+357 96 030922
info@marketpublishers.com

13.1 X-Ray Security Screening System Market Size
13.2 X-Ray Security Screening System Market by End Use
13.3 Competition by Players/Suppliers
13.4 X-Ray Security Screening System Market Size by Type

CHAPTER 14 GLOBAL X-RAY SECURITY SCREENING SYSTEM MARKET FORECAST (2025-2030)

14.1 X-Ray Security Screening System Market Size Forecast
14.2 X-Ray Security Screening System Application Forecast
14.3 Competition by Players/Suppliers
14.4 X-Ray Security Screening System Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

15.1 Leidos
  15.1.1 Company Profile
  15.1.2 Main Business and X-ray Security Screening System Information
  15.1.3 SWOT Analysis of Leidos
  15.1.4 Leidos X-ray Security Screening System Revenue, Gross Margin and Market Share (2020-2025)
15.2 Smiths Detection
  15.2.1 Company Profile
  15.2.2 Main Business and X-ray Security Screening System Information
  15.2.3 SWOT Analysis of Smiths Detection
  15.2.4 Smiths Detection X-ray Security Screening System Revenue, Gross Margin and Market Share (2020-2025)
15.3 Analogic Corporation
  15.3.1 Company Profile
  15.3.2 Main Business and X-ray Security Screening System Information
  15.3.3 SWOT Analysis of Analogic Corporation
  15.3.4 Analogic Corporation X-ray Security Screening System Revenue, Gross Margin and Market Share (2020-2025)
15.4 IDSS Corp.
  15.4.1 Company Profile
  15.4.2 Main Business and X-ray Security Screening System Information
  15.4.3 SWOT Analysis of IDSS Corp.
  15.4.4 IDSS Corp. X-ray Security Screening System Revenue, Gross Margin and

+357 96 030922
info@marketpublishers.com

Market Share (2020-2025)
15.5 ScanTech AI Systems Inc.
15.5.1 Company Profile
15.5.2 Main Business and X-ray Security Screening System Information
15.5.3 SWOT Analysis of ScanTech AI Systems Inc.
15.5.4 ScanTech AI Systems Inc. X-ray Security Screening System Revenue, Gross Margin and Market Share (2020-2025)
Please ask for sample pages for full companies list
Tables and Figures
Table Abbreviation and Acronyms
Table Research Scope of X-Ray Security Screening System Report
Table Data Sources of X-Ray Security Screening System Report
Table Major Assumptions of X-Ray Security Screening System Report
Figure Market Size Estimated Method
Figure Major Forecasting Factors
Figure X-Ray Security Screening System Picture
Table X-Ray Security Screening System Classification
Table X-Ray Security Screening System Applications
Table Drivers of X-Ray Security Screening System Market
Table Restraints of X-Ray Security Screening System Market
Table Opportunities of X-Ray Security Screening System Market
Table Threats of X-Ray Security Screening System Market
Table Covid-19 Impact For X-Ray Security Screening System Market
Table Raw Materials Suppliers
Table Different Production Methods of X-Ray Security Screening System
Table Cost Structure Analysis of X-Ray Security Screening System
Table Key End Users
Table Latest News of X-Ray Security Screening System Market
Table Merger and Acquisition
Table Planned/Future Project of X-Ray Security Screening System Market
Table Policy of X-Ray Security Screening System Market
Table 2020-2030 North America X-Ray Security Screening System Market Size
Figure 2020-2030 North America X-Ray Security Screening System Market Size and CAGR
Table 2020-2030 North America X-Ray Security Screening System Market Size by Application
Table 2020-2025 North America X-Ray Security Screening System Key Players Revenue
Table 2020-2025 North America X-Ray Security Screening System Key Players Market

+357 96 030922
info@marketpublishers.com

Share
Table 2020-2030 North America X-Ray Security Screening System Market Size by Type
Table 2020-2030 United States X-Ray Security Screening System Market Size
Table 2020-2030 Canada X-Ray Security Screening System Market Size
Table 2020-2030 Mexico X-Ray Security Screening System Market Size
Table 2020-2030 South America X-Ray Security Screening System Market Size
Figure 2020-2030 South America X-Ray Security Screening System Market Size and CAGR
Table 2020-2030 South America X-Ray Security Screening System Market Size by Application
Table 2020-2025 South America X-Ray Security Screening System Key Players Revenue
Table 2020-2025 South America X-Ray Security Screening System Key Players Market Share
Table 2020-2030 South America X-Ray Security Screening System Market Size by Type
Table 2020-2030 Brazil X-Ray Security Screening System Market Size
Table 2020-2030 Argentina X-Ray Security Screening System Market Size
Table 2020-2030 Chile X-Ray Security Screening System Market Size
Table 2020-2030 Peru X-Ray Security Screening System Market Size
Table 2020-2030 Asia & Pacific X-Ray Security Screening System Market Size
Figure 2020-2030 Asia & Pacific X-Ray Security Screening System Market Size and CAGR
Table 2020-2030 Asia & Pacific X-Ray Security Screening System Market Size by Application
Table 2020-2025 Asia & Pacific X-Ray Security Screening System Key Players Revenue
Table 2020-2025 Asia & Pacific X-Ray Security Screening System Key Players Market Share
Table 2020-2030 Asia & Pacific X-Ray Security Screening System Market Size by Type
Table 2020-2030 China X-Ray Security Screening System Market Size
Table 2020-2030 India X-Ray Security Screening System Market Size
Table 2020-2030 Japan X-Ray Security Screening System Market Size
Table 2020-2030 South Korea X-Ray Security Screening System Market Size
Table 2020-2030 Southeast Asia X-Ray Security Screening System Market Size
Table 2020-2030 Australia X-Ray Security Screening System Market Size
Table 2020-2030 Europe X-Ray Security Screening System Market Size
Figure 2020-2030 Europe X-Ray Security Screening System Market Size and CAGR
Table 2020-2030 Europe X-Ray Security Screening System Market Size by Application

+357 96 030922
info@marketpublishers.com

Table 2020-2025 Europe X-Ray Security Screening System Key Players Revenue
Table 2020-2025 Europe X-Ray Security Screening System Key Players Market Share
Table 2020-2030 Europe X-Ray Security Screening System Market Size by Type
Table 2020-2030 Germany X-Ray Security Screening System Market Size
Table 2020-2030 France X-Ray Security Screening System Market Size
Table 2020-2030 United Kingdom X-Ray Security Screening System Market Size
Table 2020-2030 Italy X-Ray Security Screening System Market Size
Table 2020-2030 Spain X-Ray Security Screening System Market Size
Table 2020-2030 Belgium X-Ray Security Screening System Market Size
Table 2020-2030 Netherlands X-Ray Security Screening System Market Size
Table 2020-2030 Austria X-Ray Security Screening System Market Size
Table 2020-2030 Poland X-Ray Security Screening System Market Size
Table 2020-2030 Russia X-Ray Security Screening System Market Size
Table 2020-2030 MEA X-Ray Security Screening System Market Size
Figure 2020-2030 MEA X-Ray Security Screening System Market Size and CAGR
Table 2020-2030 MEA X-Ray Security Screening System Market Size by Application
Table 2020-2025 MEA X-Ray Security Screening System Key Players Revenue
Table 2020-2025 MEA X-Ray Security Screening System Key Players Market Share
Table 2020-2030 MEA X-Ray Security Screening System Market Size by Type
Table 2020-2030 Egypt X-Ray Security Screening System Market Size
Table 2020-2030 Israel X-Ray Security Screening System Market Size
Table 2020-2030 South Africa X-Ray Security Screening System Market Size
Table 2020-2030 Gulf Cooperation Council Countries X-Ray Security Screening System Market Size
Table 2020-2030 Turkey X-Ray Security Screening System Market Size
Table 2020-2025 Global X-Ray Security Screening System Market Size by Region
Table 2020-2025 Global X-Ray Security Screening System Market Size Share by Region
Table 2020-2025 Global X-Ray Security Screening System Market Size by Application
Table 2020-2025 Global X-Ray Security Screening System Market Share by Application
Table 2020-2025 Global X-Ray Security Screening System Key Vendors Revenue
Figure 2020-2025 Global X-Ray Security Screening System Market Size and Growth Rate
Table 2020-2025 Global X-Ray Security Screening System Key Vendors Market Share
Table 2020-2025 Global X-Ray Security Screening System Market Size by Type
Table 2020-2025 Global X-Ray Security Screening System Market Share by Type
Table 2025-2030 Global X-Ray Security Screening System Market Size by Region
Table 2025-2030 Global X-Ray Security Screening System Market Size Share by Region

+357 96 030922
info@marketpublishers.com

Table 2025-2030 Global X-Ray Security Screening System Market Size by Application
Table 2025-2030 Global X-Ray Security Screening System Market Share by Application
Table 2025-2030 Global X-Ray Security Screening System Key Vendors Revenue
Figure 2025-2030 Global X-Ray Security Screening System Market Size and Growth Rate
Table 2025-2030 Global X-Ray Security Screening System Key Vendors Market Share
Table 2025-2030 Global X-Ray Security Screening System Market Size by Type
Table 2025-2030 X-Ray Security Screening System Global Market Share by Type

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: X-ray Security Screening System Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application

Product link: https://marketpublishers.com/r/X1AFD8735007EN.html

Price: US$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/X1AFD8735007EN.html