

Europe X-ray Security Screening Market Size study, by Application (People Screening, Product Screening) by End-use (Transit, Commercial, Government) and Country Forecasts 2022-2032

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Abstracts

Europe X-ray Security Screening Market is valued approximately USD 876.77 million in 2023 and is anticipated to grow with a healthy growth rate of more than 8.43% over the forecast period 2024-2032. X-ray security screening is an essential procedure implemented in diverse environments to enhance security measures and identify potential threats or restricted items. This process utilizes X-ray technology to scrutinize objects, luggage, and individuals for concealed or hazardous items that could pose a danger. In locations such as airports, government installations, and border checkpoints, baggage and belongings undergo screening via X-ray machines that produce detailed images of their internal contents. Skilled security personnel subsequently examine these images to detect any irregularities, such as weapons, explosives, or illicit materials. The regulatory compliance and standardization is a key trend that is supporting to the growth of the Europe X-ray Security Screening Market. European countries have stringent regulations and standards governing security screening in various sectors such as aviation, transportation, and critical infrastructure. Market trends in Europe include a strong emphasis on regulatory compliance, adherence to international standards, and certification requirements for X-ray screening systems.

Europe maintains strict regulatory standards and compliance requirements for security screening across various sectors such as aviation, transportation, and critical infrastructure. This regulatory environment drives the adoption of advanced X-ray security screening technologies to ensure compliance and enhance security measures. In addition, there is a strong emphasis on aviation security with Europe being a major hub for air travel. X-ray screening systems are crucial for baggage, cargo, and

passenger screening at airports to detect threats and comply with European Aviation Safety Agency (EASA) regulations, driving market growth in the aviation security segment. Furthermore, continuous technological innovations such as improved imaging capabilities, AI integration, and enhanced threat detection algorithms contribute significantly to market growth by addressing evolving security challenges. Moreover, Europe's focus on border security, critical infrastructure protection, and combating threats such as terrorism and organized crime further drives the adoption of X-ray screening solutions at border crossings, ports, and key transit points. However, rising apprehensions about the health risks linked to high-frequency scanners, alongside the high expenses involved in deploying cutting-edge X-ray security screening systems, are anticipated to hamper market expansion throughout the forecast period from 2024 to 2032.

The key countries considered for the Europe X-ray Security Screening Market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the largest market in terms of revenue owing to the region's emphasis on health and safety considerations leads to the development of X-ray systems with advanced radiation detection features, aligning with EU directives on radiation protection. The German government actively invests in security upgrades, including procurement of advanced X-ray screening equipment. This strengthens the domestic market for these security solutions. German security agencies are keen to adopt advanced X-ray screening technologies. Features such as superior image quality, threat detection algorithms, and AI integration are attractive for enhanced security and smoother passenger experiences. Whereas, the market in UK is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Thales Group

Smiths Detection Group Ltd

Kromek Group plc

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Application
People Screening
Product Screening

By End-use
Transit
Commercial
Government

By Region:
Europe
UK
Germany
France
Spain
Italy
ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. EUROPE X-RAY SECURITY SCREENING MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Europe X-ray Security Screening Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
 - 2.3.1. By Application
 - 2.3.2. By End-use
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

CHAPTER 3. EUROPE X-RAY SECURITY SCREENING MARKET DYNAMICS

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

CHAPTER 4. EUROPE X-RAY SECURITY SCREENING MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. EUROPE X-RAY SECURITY SCREENING MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

- 5.1. People Screening
- 5.2. Product Screening

CHAPTER 6. EUROPE X-RAY SECURITY SCREENING MARKET SIZE & FORECASTS BY END-USE 2022-2032

- 6.1. Transit
- 6.2. Commercial
- 6.3. Government

CHAPTER 7. EUROPE X-RAY SECURITY SCREENING MARKET SIZE & FORECASTS BY COUNTRY 2022-2032

- 7.1. U.K. X-ray Security Screening Market
 - 7.1.1. Application breakdown size & forecasts, 2022-2032
 - 7.1.2. End-use breakdown size & forecasts, 2022-2032
- 7.2. Germany X-ray Security Screening Market
- 7.3. France X-ray Security Screening Market
- 7.4. Spain X-ray Security Screening Market
- 7.5. Italy X-ray Security Screening Market
- 7.6. Rest of Europe X-ray Security Screening Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Thales Group
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. Smiths Detection Group Ltd
 - 8.3.3. Kromek Group plc
 - 8.3.4. Company
 - 8.3.5. Company
 - 8.3.6. Company
 - 8.3.7. Company
 - 8.3.8. Company
 - 8.3.9. Company
 - 8.3.10. Company

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

List Of Tables

LIST OF TABLES

- TABLE 1. Europe X-ray Security Screening Market, report scope
- TABLE 2. Europe X-ray Security Screening Market estimates & forecasts by Country 2022-2032 (USD Million)
- TABLE 3. Europe X-ray Security Screening Market estimates & forecasts by Application 2022-2032 (USD Million)
- TABLE 4. Europe X-ray Security Screening Market estimates & forecasts by End-use 2022-2032 (USD Million)
- TABLE 5. Europe X-ray Security Screening Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 6. Europe X-ray Security Screening Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 7. Europe X-ray Security Screening Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 8. Europe X-ray Security Screening Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 9. Europe X-ray Security Screening Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 10. Europe X-ray Security Screening Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 11. Europe X-ray Security Screening Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 12. Europe X-ray Security Screening Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 13. Europe X-ray Security Screening Market by segment, estimates & forecasts, 2022-2032 (USD Million) Europe X-ray Security Screening Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 14. UK X-ray Security Screening Market estimates & forecasts, 2022-2032 (USD Million)
- TABLE 15. UK X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)
- TABLE 16. UK X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)
- TABLE 17. Germany X-ray Security Screening Market estimates & forecasts, 2022-2032 (USD Million)
- TABLE 18. Germany X-ray Security Screening Market estimates & forecasts by

segment 2022-2032 (USD Million)

TABLE 19. Germany X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. France X-ray Security Screening Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 21. France X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 22. France X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 23. Italy X-ray Security Screening Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 24. Italy X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 25. Italy X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 26. Spain X-ray Security Screening Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 27. Spain X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 28. Spain X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 29. RoE X-ray Security Screening Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 30. RoE X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 31. RoE X-ray Security Screening Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 32. List of secondary sources, used in the study of Europe X-ray Security Screening Market.

TABLE 33. List of primary sources, used in the study of Europe X-ray Security Screening Market.

TABLE 34. Years considered for the study.

TABLE 35. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Europe X-ray Security Screening Market, research methodology
- FIG 2. Europe X-ray Security Screening Market, market estimation techniques
- FIG 3. Europe market size estimates & forecast methods.
- FIG 4. Europe X-ray Security Screening Market, key trends 2023
- FIG 5. Europe X-ray Security Screening Market, growth prospects 2022-2032
- FIG 6. Europe X-ray Security Screening Market, porters 5 force model
- FIG 7. Europe X-ray Security Screening Market, pestel analysis
- FIG 8. Europe X-ray Security Screening Market, value chain analysis
- FIG 9. Europe X-ray Security Screening Market by segment, 2022 & 2032 (USD Million)
- FIG 10. Europe X-ray Security Screening Market by segment, 2022 & 2032 (USD Million)
- FIG 11. Europe X-ray Security Screening Market by segment, 2022 & 2032 (USD Million)
- FIG 12. Europe X-ray Security Screening Market by segment, 2022 & 2032 (USD Million)
- FIG 13. Europe X-ray Security Screening Market by segment, 2022 & 2032 (USD Million)
- FIG 14. Europe X-ray Security Screening Market, Country snapshot 2022 & 2032
- FIG 15. Europe X-ray Security Screening Market 2022 & 2032 (USD Million)
- FIG 16. Europe X-ray Security Screening Market, company market share analysis (2023)

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