Security Screening Market by Product, By Application, And by Geography - Analysis and Forecast to 2013 - 2020

Description:

Security screening involves scanning of individuals and their belongings to avoid economic, financial, and personal losses at various places. In this report, the security screening market has been segmented on the basis of products, applications, and geography. Scanning of people and their belongings is done on a large scale at airports due to the large numbers of people passing through airports every day. The products involved in security screening are X-ray imaging systems, explosive trace detectors, electromagnetic detectors, and biometric systems.

Human operators play a key role in the detection process by examining X-ray images, resolving metal detector alarms, conducting body scans, conducting physical searches of baggage, and maintaining order at screening checkpoints. X-ray imaging systems are in great demand in the market as they focus on detecting metal on the persons and in their baggage. Explosive trace detectors are used to detect explosives of small magnitude. The detectors are more in demand at airports and other vulnerable areas; these are considered to be susceptible to acts of illegal intrusion.

Major applications covered under the security screening market are airports, government applications, border check points, educational institutes, private sector, and public places, among others. Out of all these applications, the airports account for a major share of the total security screening market. The total number of airports in the world as of 2014 are ~41,800, out of which, 43% are from North America. The security screening feature is majorly used at airports, for screening of individuals and their baggage.

Biometric technology is an advanced technique for the identification of humans, based on their characteristics such as face, fingerprint, iris, voice, and retina. Biometric technologies are being widely accepted and adopted in various civil and commercial applications; including ATMs, and border security, military, and private sectors. This technology is also very popular because of the biometric characters such as face, fingerprint, and hand; moreover, it cannot be lost, stolen, or easily forged.

North America is the largest market for security screening products as a large number of airports and shopping malls are located in this region. The APAC region is expected to grow rapidly due to the rapid growth of infrastructure in countries such as India, China, and Japan. The players involved in the development of security screening based semiconductor market include American Science and Engineering, Inc. (U.S.), Digital Barriers Plc. (U.K.), Implant Sciences Corp (U.S.), Magal Security Systems (Israel), OSI Systems Inc. (U.S.), Smiths Detection, Inc. (U.S.), Aware Inc. (U.S.), Argus Global (Australia), and Analogic Corporation (U.S.).

Key Takeaways:

- Analysis of the security screening market with a special focus on high growth product segment
- Security screening market includes: products, applications, and geography with detailed classification splits by market size
- Porter’s five forces have been explained in detail along with the value and supply chain analysis of the security screening market
- Major market drivers, restraints, and opportunities for the security screening market
- Illustrative segmentation, analysis, and forecast of the major geographical and application markets to give an overall view of the security screening market
- Detailed competitive landscape, which includes: key players, in-depth analysis, and individual companies revenue

Contents: 1 Introduction
1.1 Objectives of the Study
1.2 Report Description
1.3 Markets Covered
1.4 Stakeholders
1.5 Market Scope

2 Research Methodology
2.1 Demand Side Analysis for the Security Screening Market
2.1.1 Rise in Terrorist Activities Across the Globe
2.1.2 Demand for Security At Airports
2.1.3 Implementation of Biometrics in Private Sector and Public Places
2.2 Market Size Estimation
2.3 Market Crackdown & Data Triangulation
2.4 Market Share Estimation
2.4.1 Key Data Taken From Secondary Sources
2.4.2 Key Data From Primary Sources
2.4.2.1 Key Industry Insights
2.4.3 Assumptions
2.4.4 Other Assumptions

3 Executive Summary

4 Cover Story – Interview With Javier Rodriguez Saeta, Ceo At Herta Security (Page No.- 31)

5 Premium Insights
5.1 Attractive Market Opportunities in the Security Screening Market
5.2 Security Screening Market – Top Three Application Segments
5.3 Security Screening Market - in Asia-Pacific Region
5.4 The U.S. Commands Over One-Third of the Market Share
5.5 Security Screening Market: Market, By Product, in All Regions
5.6 Security Screening Market: Developed Vs. Developing Nations
5.7 Security Screening Market: By Application (2020)
5.8 Product Growth Matrix
5.9 Life Cycle Analysis, By Geography

6 Market Overview
6.1 Introduction
6.2 Market Segmentation
6.2.1 Security Screening Market, By Product
6.2.2 Security Screening Market, By Application
6.3 Market Dynamics
6.3.1 Drivers
6.3.1.1 Increase in Terrorism Has Led to the Growth of Security Screening Market
6.3.1.2 Growing Need for Large Scale Surveillance At Public Gatherings
6.3.1.3 Growth of Security in Aviation Industry
6.3.1.4 Increasing Demand for Biometrics in Private Sectors
6.3.1.5 Government Regulations
6.3.2 Restraints
6.3.2.1 High Cost of Installation of Full Body Scanners
6.3.2.2 Risk of Negative Publicity If the Device Fails in Public Safety
6.3.2.3 Fear of Privacy Interruption
6.3.3 Opportunity
6.3.3.1 Reduction of Time in Scanning
6.3.3.2 Multi-Modal Biometric Technology
6.3.4 Challenges
6.3.4.1 Introduction of Substitutes is Creating Competitive Pressure
6.3.4.2 Health Hazards of Full Body Scanning
6.3.5 Burning Issue
6.3.5.1 Maintaining Accuracy in Security Screening Products

7 Industry Trends
7.1 Introduction
7.2 Value Chain Analysis
7.3 Key Influencers
7.4 Porter's Five forces Analysis
7.4.1 Threat From New Entrants
7.4.2 Threat From Substitutes
7.4.3 Bargaining Power of Suppliers
7.4.4 Bargaining Power of Buyers
7.4.5 Intensity of Competitive Rivalry
7.5 Strategic Benchmarking
7.5.1 New Product Development and Technology Integration
7.5.2 New Contracts and Product Launches in the Security Screening Market

8 Security Screening Market, By Product
8.1 Introduction
8.2 X-Ray Screening Systems Market
8.2.1 Body Scanner
8.2.2 Baggage Scanner
8.2.3 Handheld Scanner
8.2.4 Cabinet X-Ray System
8.3 Explosive Trace Detector (Etd)
8.4 Electromagnetic Metal Detector
8.4.1 Handheld Metal Detector
8.4.2 Walk-Through Metal Detector
8.5 Shoe Scanner
8.6 Liquid Scanner
8.7 Biometric Systems
8.7.1 Face Recognition System
8.7.2 Voice Recognition System
8.7.3 Retina Recognition System
8.7.4 IRIS Recognition System
8.7.5 Fingerprint Recognition System
8.7.6 Comparison of Different Types of Biometric Recognition Systems

9 Security Screening Market, By Application
9.1 Introduction
9.2 Airport
9.3 Government Applications
9.4 Border Check Point
9.5 Educational Institutes
9.6 Private Sector
9.7 Public Places
9.8 Others

10 Geographic Analysis
10.1 Introduction
10.2 North America
10.2.1 U.S.
10.2.2 Canada
10.2.3 Mexico
10.3 Europe
10.3.1 U.K.
10.3.2 Germany
10.3.3 Russia
10.3.4 Italy
10.3.5 France
10.3.6 Spain
10.3.7 Rest of the Europe
10.4 Asia-Pacific
10.4.1 China
10.4.2 Japan
10.4.3 India
10.4.4 Australia
10.4.5 South Korea
10.4.6 Roapac
10.5 ROW
10.5.1 Latin America
10.5.2 Middle East
10.5.3 Africa

11 Competitive Landscape
11.1 Overview
11.2 Market Share Analysis, Security Screening Market
11.3 Competitive Situation and Trends
11.3.1 New Product Launches
11.3.2 Partnerships, Contract, Agreements, Joint Ventures & Collaborations
11.3.3 Mergers and Acquisitions
11.3.4 Expansions
11.3.5 Other Developments

12 Company Profiles
(Overview, Products and Services, Financials, Strategy & Development)*

12.1 Introduction
12.2 American Science and Engineering, Inc.
12.3 Analogic Corporation
12.4 Argus Global Pty Ltd.
12.5 Aware Incorporation.
12.6 Digital Barriers PLC.
12.7 Implant Sciences Corporation
12.8 Magal Security Systems Ltd.
12.9 OSI Systems, Inc.
12.10 Safran SA
12.11 Smithsgroup PLC.

*Details on Overview, Products and Services, Financials, Strategy & Development Might Not Be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Insights of Industry Experts
13.2 Discussion Guide
13.3 Introducing RT: Real Time Market Intelligence
13.4 Available Customizations
13.5 Related Reports

List of Tables (73 Tables)

Table 1 Increase in Terrorism Has Led to the Growth of the Security Screening Market
Table 2 High Cost of Installation of Full Body Scanners
Table 3 Multi-Modal Biometric Technology
Table 4 Health Hazards of Full Body Scanning
Table 5 Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 6 Security Screening Market Size, By Product, 2013-2020 ('000 Units)
Table 7 Security Screening Market, By Product, 2013-2020 (Asp)
Table 8 Body Scanner Market (Value, Volume, & Asp), 2013-2020
Table 9 Baggage Scanner Market (Value, Volume, & Asp), 2013-2020
Table 10 Handheld Scanner Market (Value, Volume, & Asp), 2013-2020
Table 11 Cabinet X-Ray System Market (Value, Volume, & Asp), 2013-2020
Table 12 X-Ray Screening System Market Size, By Type, 2013-2020 ($Million)
Table 13 X-Ray Screening System Market, By Type 2013-2020 ('000 Units)
Table 14 X-Ray Screening System Market, By Type, 2013-2020 (Asp)
Table 15 X-Ray Screening System Market Size, By Application, 2013-2020 ($Million)
Table 16 X-Ray Screening System Market Size, By Geography, 2013-2020 ($Million)
Table 17 Explosive Trace Detector Market Size, By Application, 2013-2020 ($Million)
Table 18 Explosive Trace Detector Market Size, By Geography, 2013-2020 ($Million)
Table 19 Handheld Metal Detector Market (Value, Volume, & Asp), 2013-2020
Table 20 Walk-Trough Metal Detector Market (Value, Volume, & Asp), 2013-2020
Table 21 Electromagnetic Metal Detector Market Size, By Type, 2013-2020 ($Million)
Table 22 Electromagnetic Metal Detector Market, By Type, 2013-2020, (’000 Units)
Table 23 Electromagnetic Metal Detector Market Size, By Application, 2013-2020 ($Million)
Table 24 Electromagnetic Metal Detector Market Size, By Geography, 2013-2020 ($Million)
Table 26 Shoe Scanner Market Size, By Application, 2013-2020 ($Million)
Table 27 Shoe Scanner Market Size, By Geography, 2013-2020 ($Million)
Table 28 Liquid Scanning Market Size, By Application, 2013-2020 ($Million)
Table 29 Liquid Scanner Market Size, By Geography, 2013-2020 ($Million)
Table 30 Face Scanner Market (Value, Volume, & Asp), 2013-2020
Table 31 Voice Scanner Market (Value, Volume, & Asp), 2013-2020
Table 32 Retina Scanner Market (Value, Volume, & Asp), 2013-2020
Table 33 Iris Scanner Market (Value, Volume, & Asp), 2013-2020
Table 34 Fingerprint Scanner Market (Value, Volume, & Asp), 2013-2020
Table 35 Biometric System Market Size, By Type, 2013-2020 ($Million)
Table 36 Biometric System Market, By Type, 2013-2020 (Asp)
Table 37 Biometric System Market, By Type, 2013-2020 (’000 Units)
Table 39 Biometric System Market Size, By Geography, 2013-2020 ($Million)
Table 40 Comparison of Different Types of Biometric Recognition Systems
Table 41 Security Screening Market Size, By Application, 2013-2020 ($Million)
Table 42 Airport: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 43 Airport: Security Screening Market Size, By Geography, 2013-2020 ($Million)
Table 44 Government Application: Security Screening Market Size, 2013-2020 ($Million)
Table 45 Government Application: Security Screening Market Size, By Geography, 2013-2020 ($Million)
Table 46 Border Check Points: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 47 Border Check Points: Security Screening Market Size, By Geography, 2013-2020 ($Million)
Table 48 Educational Institutes: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 49 Educational Institutes: Security Screening Market Size, By Geography, 2013-2020 ($Million)
Table 50 Private Sector: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 51 Private Sector: Security Screening Market Size, By Geography, 2013-2020 ($Million)
Table 52 Public Places: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 53 Public Places: Security Screening Market Size, By Geography, 2013-2020 ($Million)
Table 54 Others: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 55 Others: Security Screening Market Size, By Geography, 2013-2020 ($Million)
Table 56 Security Screening Market Size, By Geography, 2013-2020 ($Billion)
Table 57 North America: Security Screening Market Size, By Country, 2013-2020 ($Billion)
Table 58 North America: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 59 North America: Security Screening Market Size, By Application, 2013-2020 ($Million)
Table 60 Europe: Security Screening Market Size, By Country, 2013-2020 ($Million)
Table 61 Europe: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 62 Europe: Security Screening Market Size, By Application, 2013-2020 ($Million)
Table 63 APAC: Security Screening Market Size, By Country, 2013-2020 ($Million)
Table 64 APAC: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 65 APAC: Security Screening Market Size, By Application, 2013-2020 ($Million)
Table 66 ROW: Security Screening Market Size, By Region, 2013-2020 ($Million)
Table 67 ROW: Security Screening Market Size, By Product, 2013-2020 ($Million)
Table 68 ROW: Security Screening Market Size, By Application, 2013-2020 ($Million)
Table 69 New Product Launches, 2011–2014
Table 70 Partnerships, Contract, Agreements, and Joint Ventures
Table 71 Mergers and Acquisitions
Table 72 Expansions
Table 73 Other Developments

List of Figures (91 Figures)

Figure 1 Security Screening Market, By Product
Figure 2 Security Screening Market: Research Methodology
Figure 3 Number of Airports Across the Regions, 2013
Figure 4 Market Size Estimation Methodology: Bottom-Up Approach
Figure 5 Market Size Estimation Methodology: Top-Down Approach
Figure 6 Break Down of Primary Interviews: By Company Type, Designation, & Region
Figure 7 Security Screening Product Market Snapshot (2013 Vs 2020): Market for Biometric System is
Expected to Double in the Next Five Years
Figure 8 Security Screening Market, By Application, 2013
Figure 9 Security Screening Market Share, 2013
Figure 10 Attractive Market Opportunities in the Security Screening Market
Figure 11 Biometrics Systems to Grow At the Fastest Rate Among the Top Three Products in the Security Screening Market
Figure 12 Security Screening Market Has Captured the Lion's Share in the Emerging Asia-Pacific Market
Figure 13 The U.S. Commands More Than One Fourth of the Security Screening Market
Figure 14 X-Ray Screening Systems Segment is Expected to Dominate the North American Market
Figure 15 Developed Markets to Grow As Rapidly As Developing Markets
Figure 16 Airports Segment Has A Promising Future in Emerging Economies of the APAC Region
Figure 17 Biometric Systems Unravel New Revenue Pockets for Market Players
Figure 18 APAC Market is Expected to Move Toward the Mature Market Phase in the Coming Years From 2014 to 2020
Figure 19 Security Screening Market Segmentation, By Product
Figure 20 Security Screening Market Segmentation, By Application
Figure 21 Growth in Aviation Security Will Spur the Demand of the Security Screening Products
Figure 22 Value Chain Analysis (2013): Major Value is Added During the Development and integration Phase of the Biometric System
Figure 23 Value Chain Analysis (2013): Major Value is Added During the Manufacturing and Assembly Phase of X-Ray Screening System
Figure 24 Porter's Five forces Analysis for Security Screening Market
Figure 25 Threats From New Entrants
Figure 26 Threats From Substitutes
Figure 27 Bargaining Power of Suppliers
Figure 28 Bargaining Power of Buyers
Figure 29 Intensity of Competitive Rivalry
Figure 30 Strategic Benchmarking: Safran SA and Smiths Group PLC Adopted Both, Organic and Inorganic Growth Strategies, for Technology Integration and Product Enhancement
Figure 31 Strategic Benchmarking: Spotlight Falls on Safran SA for New Contracts and Product Launches in the Security Screening Market, With Its Big Strategic Moves
Figure 32 Security Screening Market is Currently Dominated By the X-Ray Screening System
Figure 33 Types of X-Ray Screening Systems
Figure 34 Baggage Scanner is Expected to Dominate the X-Ray Screening System Market By 2020
Figure 35 Increase in Terrorist Activities Will Push the Growth of X-Ray Screening Systems
Figure 36 Airports Account for the Largest Share in Terms of Applications of X-Ray Screening Systems
Figure 37 Growth in Aviation Security in North America Region is Fuelling the Growth of the X-Ray Screening Systems Market
Figure 38 Growing Need for Security At Public Places Has Pushed the Growth of the Explosive Trace Detector Market
Figure 39 Explosive Trace Detector Market is Expected to Grow At the Highest Cagr in North America
Figure 40 Types of Electromagnetic Metal Detectors
Figure 41 Handheld Metal Detector Accounted for the Highest Market Share in 2013
Figure 42 Electromagnetic Metal Detectors Are Widely Used At Airports for Security
Figure 43 Electromagnetic Metal Detector Market to See the Highest Growth Rate in APAC
Figure 44 Airport Application Accounted for the Highest Share in 2013 in the Shoe scanner Market
Figure 45 Shoe Scanner Market is Decreasing in ROW
Figure 46 Liquid Scanners Are Extensively Used At Airports
Figure 47 Liquid Scanner Market is Expected to Decline in ROW
Figure 48 Types of Biometric Systems
Figure 49 Fingerprint Scanner Dominates the Biometric System Market
Figure 50 Public Places is the Fastest Growing Application in the Biometric System Market
Figure 51 Biometric System Market is Expected to Double Its Growth Across All Geographies From 2014 to 2020
Figure 52 Public Places is the Fastest Growing Application in Security Screening Market
Figure 53 Airport Application Will Lead the Security Screening Market in 2020
Figure 54 Biometric Systems Market is Expected to Grow Faster in Airport Application
Figure 55 North America Dominates the Airport Application in Security Screening Market Currently
Figure 56 The Shoe Scanner Market is Declining At A Faster Rate in Government Applications
Figure 57 Rise in Smuggling of Weapons, Drugs, and Currency is increasing the Need for Security Screening At Border Check Points
Figure 58 Use of Shoe and Liquid Scanner is Vanishing From Educational Institutes
Figure 59 The Biometric System Market is Expected to Dominate the Private Sector
Figure 60 Growing Need for Large Scale Surveillance At Public Places is Increasing the Demand for Biometric Systems
Figure 61 APAC is Expected to Grow At A Faster Rate in Terms of Public Places Application
Figure 62 Fear of Privacy Intrusion is Expected to Hamper the Growth of the X-Ray Systems
Figure 63 Geographic Snapshot (2013) – Europe and APAC Markets Are Emerging As New Hot Spots
Figure 64 APAC – An Attractive Destination for All Product Categories
Figure 65 North America Market Snapshot: X-Ray and Biometric Screening Systems Are Expected to Garner the Major Demand
Figure 66 European Market: top Products and Applications: Biometrics Systems and Airports
Figure 67 Asia-Pacific Security Screening Snapshot – China Accounts for the Highest Market Share in the Asia Pacific Region
Figure 68 China is Expected to Become the Third Largest Market By 2020 ($Million)
Figure 69 Increasing Government Focus on Security Screening Products
Figure 70 Partnerships, Agreements, and Collaborations Have Been the Key Strategies Over the Last Three Years
Figure 71 Smiths Detection and Safran SA Grew At the Fastest Rate Between 2011 - 2013
Figure 72 Security Screening Market Share, By Key Player, 2013
Figure 73 Market Evolution Framework – New Product Development has Fuelled Growth and Innovation in 2011 – 2013
Figure 74 Battle for Market Share: Partnerships, Contract Agreements, Joint Ventures, & Collaborations was the Key Strategy
Figure 75 Geographic Revenue Mix of the Top 5 Market Players
Figure 76 Competitive Benchmarking of Key Market Players (2010-2013): Safran SA Emerged As the Champion Owing to Its Diversified Security Screening Product Portfolio
Figure 77 American Science and Engineering, Inc.: Business Overview
Figure 78 American Science and Engineering, Inc.: SWOT Analysis
Figure 79 Analogic Corporation: Business Overview
Figure 80 Argus Global: Business Overview
Figure 81 Aware Inc.: Business Overview
Figure 82 Digital Barriers PLC: Business Overview
Figure 83 Digital Barriers PLC.: SWOT Analysis
Figure 84 Implant Sciences Corp.: Business Overview
Figure 85 Implant Science Corp.: SWOT Analysis
Figure 86 Magal Security Systems Ltd.: Business Overview
Figure 87 Magal Security Systems Ltd.: SWOT Analysis
Figure 88 OSI Systems, Inc: Business Overview
Figure 89 OSI Systems, Inc: SWOT Analysis
Figure 90 Safran SA: Business Overview
Figure 91 Smithsgroup PLC.: Business Overview

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2989689/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

**Product Name:** Security Screening Market by Product, By Application, And by Geography - Analysis and Forecast to 2013 - 2020

**Web Address:** [http://www.researchandmarkets.com/reports/2989689/](http://www.researchandmarkets.com/reports/2989689/)

**Office Code:** SCBRJB7X

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

**Title:**
- Mr [ ]
- Mrs [ ]
- Dr [ ]
- Miss [ ]
- Ms [ ]
- Prof [ ]

**First Name:** ____________________________

**Last Name:** ____________________________

**Email Address:** *

**Job Title:** ____________________________

**Organisation:** ____________________________

**Address:** ____________________________

**City:** ____________________________

**Postal / Zip Code:** ____________________________

**Country:** ____________________________

**Phone Number:** ____________________________

**Fax Number:** ____________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ___________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World