Airport Full Body Scanner Market by Technology (Millimeter Wave Scanner (Active Scanner, Passive Scanner) & Backscatter X-Ray), Airport Class (Class A, Class B, Class C) and Region - Global Forecast to 2021

Description: The full body scanners are widely installed at international airports across all regions of the world for airport security, and to combat terrorism and criminal activities. The airport full body scanner market is estimated to be valued at USD 79.0 million in 2016, and is estimated to grow at a CAGR of 8.40% during the forecast period of 2016-2021.

“Millimeter radio-wave scanner technology to witness the highest growth during the forecast period”
For scanning people at the airports, the trend is to replace walk-through x-ray scanners with active millimeter wave (MMW) full-body scanners. These can detect non-metal threat items and is not harmful for the human body. The millimeter wave scanners do not reveal the type of naked body images produced by backscatter x-ray scanners that have prompted public outrage. Instead, the operator sees a stick figure with any detected anomalies highlighted by yellow boxes. Security personnel can then limit their pat-down to those areas of the body highlighted by the scan, avoiding the full-body pat-downs, which both, passengers and security personnel have found awkward and at times, even offensive.

“The North American region to show the highest CAGR during the forecast period”
The North American region is expected to exhibit the highest growth rate in the AFBS market during the forecast period of 2016 to 2021 due to a recent mandate by the TSA to install these scanners at each international airport in the U.S. This growth can be attributed majorly because this region has maximum number of international airports in which full body scanners are installed and therefore, the need for security is very crucial, which has led to the rise in demand for airport full body scanner.

Break-up of profile of primary participants for the report has been given below.
- By Company Type - Tier 1 – 45 %, Tier 2 – 35% and Tier 3 – 20%
- By Designation – C level – 50%, Director level – 35%, Others – 15%
- By Region – North America - 44%, Europe – 35%, APAC – 15%, Middle East – 6%

The major companies profiled in the report include L-3 Security and Detection Systems (U.S.), Rapiscan (U.S.), and SafranMorpho (Germany), among others.
Reasons to Buy the Report:
From an insight perspective, this research report has focused on various levels of analysis—industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss the basic views on the competitive landscape, emerging and high-growth segments of the airport full body scanner market, high-growth regions, and market drivers, restraints, and opportunities.
The report provides insights on the following pointers:
- Market Penetration: Comprehensive information on airport full body scanner market offered by the top market players
- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the market
- Market Development: Comprehensive information about lucrative emerging markets - the report analyzes the markets for airport full body scanner market across regions
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the airport full body scanner market
- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of the leading players in the airport full body scanner market

Contents:
1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Study Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency & Pricing
1.5 Distribution Channel Participants
1.6 Limitations
1.7 Market Stakeholders

2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.1.2.3 Breakdown of Primaries
2.2 Demand-Side Analysis
2.2.1 Introduction
2.2.2 Demand-Side Factors
2.2.2.1 Easy Detection of Metal and Non-Metal Objects
2.2.2.2 Need to Reduce the Passenger Average Waiting Time
2.3 Market Size Estimation
2.3.1 Bottom-Up Approach
2.3.2 Top-Down Approach
2.4 Market Breakdown & Data Triangulation
2.5 Research Assumptions

3 Executive Summary

4 Premium Insights
4.1 Attractive Market Opportunities in the Market
4.2 Market, By Technology, 2014-2021
4.3 Market Share in Europe
4.4 North America Accounted for the Largest Market Share Amongst All the Regions
4.5 Millimeter Wave Airport Full Body Scanner Market: By Sub Type (2016 vs 2021)
4.6 Life Cycle Analysis

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Increasing Safety Concerns
5.3.1.2 Smuggling of Narcotics
5.3.1.3 Reduction in Passenger Waiting Time
5.3.2 Restraints
5.3.2.1 Health Concerns
5.3.2.2 Privacy Issues
5.3.3 Opportunities
5.3.3.1 Low Cost Product
5.3.4 Challenges
5.3.4.1 Improving the Effectiveness of Existing Scanners
5.3.4.2 Data Protection

6 Industry Trends
6.1 Introduction
6.2 Supply Chain Analysis
6.3 Value Chain Analysis
6.4 Technology Trends
6.4.1 Advanced Softwares
6.5 Porter’s Five Forces Analysis
6.5.1 Threat of New Entrants
6.5.2 Threat of Substitutes
6.5.3 Bargaining Power of Suppliers
6.5.4 Bargaining Power of Buyers
6.5.5 Intensity of Competitive Rivalry

7 Airport Full Body Scanner Market, By Technology
7.1 Introduction
7.2 Millimeter Wave Scanner
7.2.1 Millimeter Wave Scanner, By Sub Type
7.2.1.1 Active Millimeter Wave Scanner
7.2.1.2 Passive Millimeter Wave Scanner
7.3 Backscatter X-Ray Scanner

8 Airport Full Body Scanner Market, By Airport Class
8.1 Introduction
8.2 Class A
8.3 Class B
8.4 Class C

9 Airport Full Body Scanner Market, By Geography
9.1 Introduction
9.2 North America
9.2.1 By Technology
9.2.1.1 Millimeter Wave Scanner, By Sub Type
9.2.2 By Airport Class
9.2.3 By Country
9.2.3.1 U.S.
9.2.3.1.1 By Technology
9.2.3.1.2 By Sub Type
9.2.3.1.3 By Airport Class
9.2.3.2 Canada
9.2.3.2.1 By Technology
9.2.3.2.2 By Sub Type
9.2.3.2.3 By Airport Class
9.3 Europe
9.3.1 By Technology
9.3.1.1 Millimeter Wave Scanner, By Sub Type
9.3.2 By Airport Class
9.3.3 By Country
9.3.3.1 The Netherlands
9.3.3.1.1 By Technology
9.3.3.1.2 By Sub Type
9.3.3.1.3 By Airport Class
9.3.3.2 U.K.
9.3.3.2.1 By Technology
9.3.3.2.2 By Sub Type
9.3.3.2.3 By Airport Class
9.3.3.3 Germany
9.3.3.3.1 By Technology
9.3.3.3.2 By Airport Class
9.3.3.4 France
9.3.3.4.1 By Technology
9.3.3.4.2 By Airport Class
9.4 Asia-Pacific
9.4.1 By Technology
9.4.1.1 Millimeter Wave Scanner, By Sub Type
9.4.2 By Airport Class
9.4.3 By Country
9.4.3.1 The Philippines
9.4.3.1.1 By Technology
9.4.3.1.2 By Sub Type
9.4.3.1.3 By Airport Class
9.4.3.2 Australia
9.4.3.2.1 By Technology
9.4.3.2.2 By Sub Type
9.4.3.2.3 By Airport Class
9.4.3.3 Thailand
9.4.3.3.1 By Technology
9.4.3.3.2 By Airport Class
9.4.3.4 Japan
9.4.3.4.1 By Technology
9.4.3.4.2 By Airport Class
9.5 Rest of the World
9.5.1 By Technology
9.5.1.1 Millimeter Wave Scanner, By Sub Type
9.5.2 By Airport Class
9.5.3 By Country
9.5.3.1 South Africa
9.5.3.1.1 By Technology
9.5.3.1.2 By Sub Type
9.5.3.1.3 By Airport Class
9.5.3.2 Nigeria
9.5.3.2.1 By Technology
9.5.3.2.2 By Airport Class
9.5.3.3 Ghana
9.5.3.3.1 By Technology
9.5.3.3.2 By Airport Class

10 Competitive Landscape
10.1 Overview
10.2 Market Share Analysis: By Company
10.3 Contracts & Agreements is the Key Growth Strategy
10.4 Brand Analysis
10.5 Product Portfolio
10.6 Competitive Situations and Trends
10.6.1 Contracts, 2013-2015
10.6.2 New Product Development, 2015
10.6.3 New Product Launch, 2015
10.6.4 Certification, 2013-2014

11 Company Profile
11.1 Competitive Benchmarking, By Product Type
11.2 Smiths Group PLC
11.3 L-3 Communications Holdings, Inc.
11.4 American Science & Engineering Group
11.5 Rapiscan Systems Ltd.
11.6 Tek84 Engineering Group LLC
11.7 Millivision Inc.
11.8 Braun & Company
11.9 Brijot Imaging Systems (Microsemi)
11.10 CST Digital Communications
11.11 Morpho (Safran)

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

12 Appendix
12.1 Discussion Guide

List of Tables
Table 1 Market, By Technology, 2014-2021 (USD Million)
Table 2 Millimeter Wave Scanner Market, By Region, 2014-2021 (USD Million)
Table 3 Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 4 Active Millimeter Wave Scanner Market, By Region, 2014-2021 (USD Million)
Table 5 Passive Millimeter Wave Scanner Market, By Region, 2014-2021 (USD Million)
Table 6 Backscatter X-Ray Scanner Market, By Region, 2014-2021 (USD Million)
Table 7 Market, By Airport Class, 2014-2021 (USD Million)
Table 8 Class A Airport Full Body Scanner Market, By Region, 2014-2021 (USD Million)
Table 9 Class B Airport Full Body Scanner Market, By Region, 2014-2021 (USD Million)
Table 10 Class C Airport Full Body Scanner Market, By Region, 2014-2021 (USD Million)
Table 11 Market, By Region, 2014-2021 (USD Million)
Table 12 North America: Market, By Technology, 2014-2021 (USD Million)
Table 13 North America: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 14 North America: Market, By Airport Class, 2014-2021 (USD Million)
Table 15 North America: Market, By Country, 2014-2021 (USD Million)
Table 16 U.S.: Market, By Technology, 2014-2021 (USD Million)
Table 17 U.S.: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 18 U.S.: Market, By Airport Class, 2014-2021 (USD Million)
Table 19 Canada: Market, By Technology, 2014-2021 (USD Million)
Table 20 Canada: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 21 Canada: Market, By Airport Class, 2014-2021 (USD Million)
Table 22 Europe: Market, By Technology, 2014-2021 (USD Million)
Table 23 Europe: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 24 Europe: Market, By Airport Class, 2014-2021 (USD Million)
Table 25 Europe: Market, By Country, 2014-2021 (USD Million)
Table 26 The Netherlands: Market, By Technology, 2014-2021 (USD Million)
Table 27 The Netherlands: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 28 The Netherlands: Market, By Airport Class, 2014-2021 (USD Million)
Table 29 U.K.: Market, By Technology, 2014-2021 (USD Million)
Table 30 U.K.: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 31 U.K.: Market, By Airport Class, 2014-2021 (USD Million)
Table 32 Germany: Market, By Technology, 2014-2021 (USD Million)
Table 33 Germany: Market, By Airport Class, 2014-2021 (USD Million)
Table 34 France: Market, By Technology, 2014-2021 (USD Million)
Table 35 France: Market, By Airport Class, 2014-2021 (USD Million)
Table 36 APAC: Market, By Technology, 2014-2021 (USD Million)
Table 37 APAC: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 38 APAC: Market, By Airport Class, 2014-2021 (USD Million)
Table 39 APAC: Market, By Country, 2014-2021 (USD Million)
Table 40 The Philippines: Market, By Technology, 2014-2021 (USD Million)
Table 41 The Philippines: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 42 The Philippines: Market, By Airport Class, 2014-2021 (USD Million)
Table 43 Australia: Market, By Technology, 2014-2021 (USD Million)
Table 44 Australia: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 45 Australia: Market, By Airport Class, 2014-2021 (USD Million)
Table 46 Thailand: Market, By Technology, 2014-2021 (USD Million)
Table 47 Thailand: Market, By Airport Class, 2014-2021 (USD Million)
Table 48 Japan: Market, By Technology, 2014-2021 (USD Million)
Table 49 Japan: Market, By Airport Class, 2014-2021 (USD Million)
Table 50 RoW: Market, By Technology, 2014-2021 (USD Million)
Table 51 RoW: Millimeter Wave Scanner Market, By Sub Type, 2014-2021 (USD Million)
Table 52 RoW: Market, By Airport Class, 2014-2021 (USD Million)
Table 53 RoW: Market, By Country, 2014-2021 (USD Million)
Table 54 South Africa: Market, By Technology, 2014-2021 (USD Million)
Table 55 South Africa: Millimeter Wave Scanner Market, By Sub Type, 2014-2020 (USD Million)
Table 56 South Africa: Market, By Airport Class, 2014-2021 (USD Million)
Table 57 Nigeria: Market, By Technology, 2014-2021 (USD Million)
Table 58 Nigeria: Market, By Airport Class, 2014-2021 (USD Million)
Table 59 Ghana: Market, By Technology, 2014-2021 (USD Million)
Table 60 Ghana: Market, By Airport Class, 2014-2021 (USD Million)

List of Figures

Figure 1 Markets Covered: Airport Full Body Scanner Market
Figure 2 Global Market: Study Years
Figure 3 Research Flow
Figure 4 Research Design
Figure 5 Breakdown of Primary Interviews: By Company Type, Designation, & Region
Figure 6 Global Drug Trend With the Estimated Number of Drug Users (2006-2013)
Figure 7 Market Size Estimation Methodology: Bottom-Up Approach
Figure 8 Market Size Estimation Methodology: Top-Down Approach
Figure 9 Data Triangulation
Figure 10 Assumptions of the Research Study
Figure 11 Millimeter Wave Scanners Projected to Dominate the Market During the Forecast Period
Figure 12 North America Expected to Grow at the Highest CAGR in the Market
Figure 13 Class A Airport Full Body Scanner Market Expected to Grow at the Highest CAGR During the Forecast Period
Figure 14 Contracts & Agreements has Been the Key Growth Strategy
Figure 15 Attractive Market Opportunities in the Market, 2016-2021
Figure 16 Millimeter Wave Scanner Dominates the Market
Figure 17 U.K. Accounted for the Largest Share in 2016
Figure 18 North America Accounted for the Largest Share in the Market in 2016
Figure 19 Active Scanner to Dominate the Millimeter Wave Airport Full Body Scanner Market Globally
Figure 20 North America Expected to Be the Fastest-Growing Market
Figure 21 Airport Full Body Scanners: Market Segmentation
Figure 22 Number of Deaths From Terrorist-Attacks Between 2010 and 2015
Figure 23 Total Number of Seizures From Different Transportation Modes in 2014
Figure 24 Supply Chain: Distribution Through Third Party Agencies is the Most Preferred Strategy Followed By Key Organizations
Figure 25 Value Chain Analysis: Major Value is Added During the Manufacturing and Assembling Phase
Figure 26 Porter's Five Forces Analysis
Figure 27 Market, By Technology, 2016 & 2021 (USD Million)
Figure 28 Millimeter Wave Scanner Market, By Region, 2016 & 2021 (USD Million)
Figure 29 Millimeter Wave Scanner Market, By Sub Type, 2016 & 2021 (USD Million)
Figure 30 Backscatter X-Ray Scanner Market, By Region, 2016 & 2021 (USD Million)
Figure 31 Market, By Airport Class, 2016 & 2021 (USD Million)
Figure 32 Class A Airport Full Body Scanner Market, By Region, 2016 & 2021 (USD Million)
Figure 33 Class B Airport Full Body Scanner Market, By Region, 2016 & 2021 (USD Million)
Figure 34 Class C Airport Full Body Scanner Market, By Region 2016 & 2021 (USD Million)
Figure 35 Market: Geographic Snapshot (2016-2021)
Figure 36 North American Full Body Scanner Market Snapshot: U.S. Commanded the Largest Market Share in 2016
Figure 37 European Full Body Scanner Market Snapshot: U.K. Expected to Command the Largest Market Share in 2016
Figure 38 Asia-Pacific Full Body Scanner Market Snapshot: Australia Commanded the Largest Market Share in 2016
Figure 39 RoW Full Body Scanner Market Snapshot: South Africa Estimated to Command the Largest Market Share in 2016
Figure 40 Companies Adopted Contracts as Key Strategy During the Period (2013-2015)
Figure 41 Brand Analysis: Market
Figure 42 Product Portfolio: Key Market Player
Figure 43 Smiths Group PLC: Company Snapshot
Figure 44 SWOT Analysis: Smiths Group PLC
Figure 45 L-3 Communications: Company Snapshot
Figure 46 SWOT Analysis: L-3 Communications
Figure 47 American Science & Engineering Group: Company Snapshot
Figure 48 SWOT Analysis: American Science & Engineering Group

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/3714605/](http://www.researchandmarkets.com/reports/3714605/)
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: Airport Full Body Scanner Market by Technology (Millimeter Wave Scanner (Active Scanner, Passive Scanner) & Backscatter X-Ray), Airport Class (Class A, Class B, Class C) and Region - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3714605/
Office Code: SCBR7Z7K

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

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