2011-2016

X-Ray Security Screening: Technologies & Global Market

Source: Smith Detection

Table of Contents

1 Executive Summary

1.1 Major Findings
1.2 Major Conclusions
1.4 X-ray Security Screening Systems Market: 2011-2016

2 Scope and Methodology

2.1 Scope
2.2 Report Structure
2.3 Who Is This Report For?
2.4 The Threat
2.5 Assumptions
2.6 Possible Scenario Analysis
2.7 Research Methods

3 Market Analysis

3.1 Market Drivers
3.2 Market Inhibitors
3.3 SWOT Analysis
3.4 Competitive Analysis
3.5 Market Dynamics

4 Current 2D X-ray Technologies

4.1 Explosive Materials Classification
4.2 Security Screening Technologies
- 4.2.1 Major Technologies
- 4.2.2 2D X-ray, EDS and ETD Technologies - Pros and Cons
- 4.2.3 Bulk Screening Technologies: Price Comparison

4.3 X-ray Technology Background
- 4.3.1 X-ray Systems - Characteristics
- 4.3.2 X-ray Systems - Principles of Operation
- 4.3.3 Innocuous Materials Interference
- 4.3.4 Threat Image Projection (TIP)

4.4 X-ray Technologies
- 4.4.1 Conventional 2D X-ray
- 4.4.2 Dual Energy X-ray
- 4.4.3 Quasi Dual Energy X-ray
- 4.4.4 Variable View X-ray
- 4.4.5 Backscatter Screening X-ray
- 4.4.6 Coherent Scatter 2D X-ray

4.5 X-ray Technologies: Performance Comparison
4.6 X-ray Product Certification

5 Global X-ray Security Screening Market: 2011-2016

5.1 Total Market (Systems Sales, Service and Upgrade)
5.2 Systems Sales

© 2011, Homeland Security Research Corporation | 2011-04-8652153

5.3 Service and Upgrade Market
5.4 Global Market by Application
5.4.1 Aviation Security
5.4.2 Secured Facilities
5.4.3 Other Applications
5.5 Global Market by Country
5.5.1 Total Market (Systems Sales, Service and Upgrade) by Country
5.5.2 Systems Sales by Country
5.5.3 Service and Upgrade Market by Country

6 US X-ray Security Screening Market: 2011-2016

6.1 Total Market (Systems Sales, Service and Upgrade)
6.2 Systems Sales
6.3 Service and Upgrade Market
6.4 Market by Application
6.4.1 Air Cargo Screening
6.4.2 Airport Cabin Baggage Screening
6.4.3 Secured Facilities Explosives Screening
6.4.4 Postal Items Explosives Screening
6.4.5 Supply Chain Cargo Explosives Screening
6.4.6 People Screening AIT Equipment

7 UK, Germany, France, Italy and Spain X-ray Security Screening Market: 2011-2016

7.1 Total Market (Systems Sales, Service and Upgrade)
7.2 Systems Sales
7.3 Service and Upgrade Market
7.4 Market by Application
7.4.1 Aviation Security
7.4.2 Secured Facilities
7.4.3 Other Applications

8 Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening Market: 2011-2016

8.1 Total Market (Systems Sales, Service and Upgrade)
8.2 Systems Sales
8.3 Service and Upgrade Market
8.4 Market by Application
8.4.1 Aviation Security
8.4.2 Secured Facilities
8.4.3 Other Applications

9 China and India X-ray Security Screening Market: 2011-2016

9.1 Total Market (Systems Sales, Service and Upgrade)
9.2 Systems Sales
9.3 Service and Upgrade Market

© 2011, Homeland Security Research Corporation | 2011-04-8652153

9.4 Market by Application
9.4.1 Aviation Security
9.4.2 Secured Facilities
9.4.3 Other Applications

10 Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening Market: 2011-2016

10.1 Total Market (Systems Sales, Service and Upgrade)
10.2 Systems Sales
10.3 Service and Upgrade Market
10.4 Market by Application
10.4.1 Aviation Security
10.4.2 Secured Facilities
10.4.3 Other Applications

11 Brazil, Argentina and Mexico X-ray Security Screening Market: 2011-2016

11.1 Total Market (Systems Sales, Service and Upgrade)
11.2 Systems Sales
11.3 Service and Upgrade Market
11.4 Market by Application
11.4.1 Aviation Security
11.4.2 Secured Facilities
11.4.3 Other Applications

12 ROW X-ray Security Screening Market: 2011-2016

12.1 Total Market (Systems Sales, Service and Upgrade)
12.2 Systems Sales
12.3 Service and Upgrade Market
12.4 Market by Application
12.4.1 Aviation Security
12.4.2 Secured Facilities
12.4.3 Other Applications

13 Technology Outlook: 2011-2016

13.1 Fused X-ray and ETD Screening
13.2 Fused X-ray and RFID Screening
13.3 Air-Cargo Containers Screening
13.4 Multi-Threat Multi-Modal Screening
13.5 Advanced 2D Coherent X-ray
13.6 Stereoscopic X-ray Imaging
13.7 Multi-Pixel X-ray Sources

14 Business & Technological Opportunities and Challenges

14.1 Introduction
14.2 Remote Tele-Interpretation
14.3 Medium Capacity Multi-Threat Screening Systems
14.4 Upgraded Multi Threat Screening System

© 2011, Homeland Security Research Corporation | 2011-04-8652153

14.5 Fused RFID , Risk Assessment and X-Ray Screening Metasystems
14.6 Third Party Service Bussiness

15 Leading Vendors

15.1 American Science and Engineering, Inc
15.2 Astrophysics Inc.
15.3 Auto Clear US (Formerly Control Screening LLC)
15.4 Eurologix
15.5 Giladroni SpA
15.6 L-3 Communications Security & Detection Systems
15.7 LIXI, Inc
15.8 MINXRAY, Inc.
15.9 Morpho Detection Inc.
15.10 NUCTECH Co. Ltd
15.11 Rapiscan Security Products, Inc.
15.12 SAIC
15.13 SCANNA MSC Ltd.
15.14 Smith detection
15.15 Todd Research Ltd.
15.16 Vidisco Ltd.

16 Appendix A: Products Cost, Performance and Vendor Comparison Tables

17 Appendix B: Glossary

© 2011, Homeland Security Research Corporation | 2011-04-8652153

List of Tables

Table 1 - USA Potential Targets Requiring Security Screening Screening
Table 2 - Global X-ray Security Screening Systems Sales and Service Market Structure [$ Million] - 2010-2016
Table 3 - Global X-ray Security Screening Systems Sales and Service Market [$ Million] by Application - 2010-2016
Table 4 - Global X-ray Security Screening Systems Sales and Service Market [$ Million] by Country - 2010-2016
Table 5 - Evolution of X-ray Security Screening Market Dynamics - 2011-2016
Table 6 - EDS, ETD and 2D X-ray Technologies - Pros and Cons
Table 7 - Price Comparison of Bulk Explosives Screening Technologies
Table 8 - Explosives, Drugs, and Common X-ray "Interruption" Materials
Table 9 - Comparison of X-ray Detection Technologies
Table 10 - Global X-ray Security Screening Systems Sales and Service Market Structure [$ Million] - 2010-2016
Table 11 - Global X-ray Security Screening Systems Sales and Service Market [$ Million] by Application - 2010-2016
Table 12 - Global X-ray Security Screening System Market [$ Million] - 2010-2016
Table 13 - Global X-ray Security Screening Systems Service and Upgrade Sub-Markets [$ Million]: 2010-2016
Table 14 - Global Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Table 15 - Global Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Table 16 - Global Other Applications X-ray Security Screening Market [$M] - 2010-2016
Table 17 - Global X-ray Security Screening Systems Sales and Service Market [$ Million] by Country - 2010-2016
Table 18 - Global X-ray Security Screening Systems Sales and Service Market Structure [%] by Country - 2010-2016
Table 19 - Global X-ray Security Screening Systems Sales [$ Million] by Country - 2010-2016
Table 20 - Global X-ray Security Screening Systems Sales Structure [%] by Country - 2010-2016
Table 21 - Global X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Country - 2010-2016
Table 22 - Global X-ray Security Screening Systems Service and Upgrade Market Structure [%] by Country - 2010-2016
Table 23 - U.S. X-ray Security Screening Systems Sales and Service Market [$ Million] - 2010-2016
Table 24 - U.S. X-ray Security Screening Systems Sales and Service Market Structure [$ Million] - 2010-2016
Table 25 - U.S. X-ray Security Screening System Sales [$ Million] - 2010-2016
Table 26 - U.S. X-ray Security Screening Systems Sales Structure by Application [%]: 2010-2016
Table 27 - U.S. X-ray Security Screening Systems Service and Upgrade Sub-Markets [$ Million] Outlook: 2010-2016

© 2011, Homeland Security Research Corporation | 2011-04-8652153

Table 28 - Systems Service and Upgrade Market Structure by Application [%]: 2010-2016
Table 29 - U.S. Air Cargo X-ray Security Screening Market [$M] - 2010-2016
Table 30 - Air Cargo X-ray Screening Market [Unit] & Market Share [%] - 2010-2016
Table 31 - U.S. Airport Cabin Baggage X-ray Screening Market [$M] - 2010-2016
Table 32 - U.S. Airport Cabin Baggage X-ray Screening Market [Units] & Market Share [%] - 2010-2016
Table 33 - U.S. Secured Facilities X-ray Explosives Screening Market [$M] - 2010-2016
Table 34 - U.S. Secured Facilities X-ray Security Screening Market [Units] & Market Share [%] - 2010-2016
Table 35 - U.S. Postal Items X-ray Screening Market [$M] Outlook - 2010-2016
Table 36 - U.S. Postal Items X-ray Security Screening Market [Units] & Market Share [%] - 2010-2016
Table 37 - U.S. Supply Chain Cargo X-ray Security Screening Market [$M] - 2010-2016
Table 38 - U.S. Supply Chain Cargo X-ray Security Screening Market [Units] & Market Share [%] - 2010-2016
Table 39 - U.S. People Screening AIT X-ray Security Screening Market [$M] - 2010-2016
Table 40 - U.S. People Screening AIT X-ray Security Screening Market [Units] & Market Share [%] - 2010-2016
Table 41 - UK, Germany, France, Italy and Spain X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [$ Million] - 2010-2016
Table 42 - UK, Germany, France, Italy and Spain X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Table 43 - UK, Germany, France, Italy and Spain X-ray Security Screening System Sales [$ Million] - 2010-2016
Table 44 - UK, Germany, France, Italy and Spain X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Application: 2010-2016
Table 45 - UK, Germany, France, Italy and Spain Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Table 46 - UK, Germany, France, Italy and Spain Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Table 47 - UK, Germany, France, Italy and Spain Other Applications X-ray Security Screening Market [$M] - 2010-2016
Table 48 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [$ Million] - 2010-2016
Table 49 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Table 50 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening System Sales [$ Million] - 2010-2016
Table 51 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Application: 2010-2016
Table 52 - Turkey, Israel, Saudi Arabia and UAE Aviation Security X-ray Security Screening Market [$M] - 2010-2016

© 2011, Homeland Security Research Corporation | 2011-04-8652153

Table 53 - Turkey, Israel, Saudi Arabia and UAE Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Table 54 - Turkey, Israel, Saudi Arabia and UAE Other Applications X-ray Security Screening Market [$M] - 2010-2016
Table 55 - China and India X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [$ Million] - 2010-2016
Table 56 - China and India X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Table 57 - China and India X-ray Security Screening System Sales [$ Million] - 2010-2016
Table 58 - China and India X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Application: 2010-2016
Table 59 - China and India Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Table 60 - China and India Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Table 61 - China and India Other Applications X-ray Security Screening Market [$M] - 2010-2016
Table 62 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [$ Million] - 2010-2016
Table 63 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Table 64 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening System Sales [$ Million] - 2010-2016
Table 65 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Application: 2010-2016
Table 66 - Japan, Korea, Australia, Malaysia and Singapore Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Table 67 - Japan, Korea, Australia, Malaysia and Singapore Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Table 68 - Japan, Korea, Australia, Malaysia and Singapore Other Applications X-ray Security Screening Market [$M] - 2010-2016
Table 69 - Brazil, Argentina and Mexico X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [$ Million] - 2010-2016
Table 70 - Brazil, Argentina and Mexico X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Table 71 - Brazil, Argentina and Mexico X-ray Security Screening System Sales [$ Million] - 2010-2016
Table 72 - Brazil, Argentina and Mexico X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Application: 2010-2016
Table 73 - Brazil, Argentina and Mexico Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Table 74 - Brazil, Argentina and Mexico Secured Facilities X-ray Security Screening Market [$M] - 2010-2016

© 2011, Homeland Security Research Corporation | 2011-04-8652153

Table 75 - Brazil, Argentina and Mexico Other Applications X-ray Security Screening Market [$M] - 2010-2016
Table 76 - ROW X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [$ Million] - 2010-2016
Table 77 - ROW X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Table 78 - ROW X-ray Security Screening System Sales [$ Million] - 2010-2016
Table 79 - ROW X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Application: 2010-2016
Table 80 - ROW Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Table 81 - ROW Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Table 82 - ROW Other Applications X-ray Security Screening Market [$M] - 2010-2016
Table 83 - Pros and Cons of Multi-modal Technology
Table 84 - Products Cost, Performance and Vendor Comparison
Table 85 - Products Cost, Performance and Vendor Comparison − Continued
Table 86 - Products Cost, Performance and Vendor Comparison − Continued
Table 87 - Products Cost, Performance and Vendor Comparison - Continued

List of Figures

Figure 1 - Cabin Bags Screening In the Ensemble of Airport Security Means
Figure 2 – Global X-ray Security Screening Systems Sales and Service Market Structure [%] by Application: 2010 & 2016
Figure 3 - Global X-ray Security Screening Systems Sales and Service Market Structure [%] by Country: 2010 & 2016
Figure 4 - Airport Explosives Threats Vectors
Figure 5 – X-ray Security Screening Market SWOT Analysis
Figure 6 - X-ray Security Screening Market Competitive Analysis
Figure 7 - Explosive Materials Classification
Figure 8 - Major Security Screening Technologies: Bulk vs. Trace
Figure 9 - X-ray Conveyor-Based Screening Systems – Principles of Operation
Figure 10 - Conventional X-ray
Figure 11 - Dual Energy X-ray
Figure 12 - Material Differentiation by Dual Energy X-ray
Figure 13 - Dual Energy Z Map
Figure 14 - Quasi Dual Energy X-ray
Figure 15 – Variable View X-ray Option
Figure 16 - Backscatter Cargo Screening X-ray
Figure 17 - Coherent X-ray Scheme
Figure 18 - Global X-ray Security Screening Systems Sales and Service Market Fragmentation [%] - 2010 & 2016
Figure 19 - Global X-ray Security Screening Systems Sales and Service Market [$ Million] by Application - 2010-2016
Figure 20 – Global X-ray Security Screening Systems Sales and Service Market Structure [%] by Application: 2010 & 2016
Figure 21 - Global X-ray Security Screening Systems Sales [$ Million] - 2010-2016
Figure 22 - Global X-ray Security Screening Systems Service and Upgrade Market [$Million] - 2010-2016
Figure 23 - Global Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Figure 24 - Global Aviation Security X-ray Systems and Service Market Structure [%] - 2010 & 2016
Figure 25 - Global Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Figure 26 - Global Secured Facilities X-ray Systems and Service Market Structure [%] - 2010 & 2016
Figure 27 - Global Other Applications X-ray Security Screening Market [$M] - 2010-2016
Figure 28 - Global Other Applications X-ray Systems and Service Market Structure [%] - 2010 & 2016
Figure 29 - Global X-ray Security Screening Systems Sales and Service Market [$ Million] by Country - 2010-2016
Figure 30 - Global X-ray Security Screening Systems Sales and Service Market Structure [%] by Country: 2010 & 2016
Figure 31 - Global X-ray Security Screening Systems Sales [$ Million] by Country - 2010-2016

© 2011, Homeland Security Research Corporation | 2011-04-8652153

Figure 32 - Global X-ray Security Screening Systems Sales Structure [%] by Country: 2010 & 2016
Figure 33 - Global X-ray Security Screening Systems Service and Upgrade Market [$ Million] by Country - 2010-2016
Figure 34 - Global X-ray Security Screening Systems Service and Upgrade Market Structure [%] by Country: 2010 & 2016
Figure 35 - U.S. X-ray Security Screening Systems Sales and Service Market [$ Million] - 2010-2016
Figure 36 - U.S. X-ray Security Screening Systems Sales and Service Market Structure [%] by Sub-market: 2010 & 2016
Figure 37 - U.S. X-ray Security Screening Systems Sales and Service Market Fragmentation [%] - 2010 & 2016
Figure 38 - U.S. X-ray Security Screening Systems Sales [$ Million] - 2010-2016
Figure 39 - U.S. X-ray Security Screening Systems Service and Upgrade Market [$ Million] - 2010-2016
Figure 40 - U.S. Air Cargo X-ray Security Screening Market [$M] - 2010-2016
Figure 41 - U.S. Air Cargo X-ray Systems and Service Market Structure [%] - 2010 & 2016
Figure 42 - U.S. Airport Cabin Baggage X-ray Screening Market [$M] - 2010-2016
Figure 43 – U.S. Airport Cabin Baggage X-ray Systems and Service Market Structure [%] - 2010 & 2016
Figure 44 - Secured Facilities X-ray Security Screening Market [$M] - 2010 -2016
Figure 45 - Secured Facilities X-ray Screening Systems and Service Market Structure [%] - 2010 & 2016
Figure 46 - U.S. Postal Items X-ray Screening Market [$M] Outlook - 2010-2016
Figure 47 - Postal Items X-ray Systems and Service Market [%] Structure - 2010 & 2016
Figure 48 - U.S. Supply Chain Cargo X-ray Security Screening Market [$M] - 2010-2016
Figure 49 - U.S. Supply Chain Cargo X-ray Screening Systems and Service Market Structure [%] - 2010 & 2016
Figure 50 - U.S. People Screening AIT X-ray Security Screening Market [$M] - 2010-2016
Figure 51 - U.S. People Screening AIT X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 52 - UK, Germany, France, Italy and Spain X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [%] - 2010 & 2016
Figure 53 - UK, Germany, France, Italy and Spain X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Figure 54 - UK, Germany, France, Italy and Spain X-ray Security Screening System Sales [$ Million] - 2010-2016
Figure 55 - UK, Germany, France, Italy and Spain X-ray Security Screening Systems Service and Upgrade Market [$ Million] - 2010-2016
Figure 56 - UK, Germany, France, Italy and Spain Aviation Security X-ray Security Screening Market [$M] - 2010-2016

© 2011, Homeland Security Research Corporation | 2011-04-8652153

Figure 57 - UK, Germany, France, Italy and Spain Aviation Security X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 58 - UK, Germany, France, Italy and Spain Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Figure 59 - UK, Germany, France, Italy and Spain Secured Facilities X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 60 - UK, Germany, France, Italy and Spain Other Applications X-ray Security Screening Market [$M] - 2010-2016
Figure 61 - UK, Germany, France, Italy and Spain Other Applications X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 62 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [%] - 2010 & 2016
Figure 63 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Figure 64 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening System Sales [$ Million] - 2010-2016
Figure 65 - Turkey, Israel, Saudi Arabia and UAE X-ray Security Screening Systems Service and Upgrade Market [$ Million] - 2010-2016
Figure 66 - Turkey, Israel, Saudi Arabia and UAE Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Figure 67 - Turkey, Israel, Saudi Arabia and UAE Aviation Security X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 68 - Turkey, Israel, Saudi Arabia and UAE Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Figure 69 - Turkey, Israel, Saudi Arabia and UAE Secured Facilities X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 70 - Turkey, Israel, Saudi Arabia and UAE Other Applications X-ray Security Screening Market [$M] - 2010-2016
Figure 71 - Turkey, Israel, Saudi Arabia and UAE Other Applications X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 72 - China and India X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [%] - 2010 & 2016
Figure 73 - China and India X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Figure 74 - China and India X-ray Security Screening System Sales [$ Million] - 2010-2016
Figure 75 - China and India X-ray Security Screening Systems Service and Upgrade Market [$ Million] - 2010-2016
Figure 76 - China and India Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Figure 77 - China and India Aviation Security X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 78 - China and India Secured Facilities X-ray Security Screening Market [$M] - 2010-2016

Figure 79 - China and India Secured Facilities X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 80 - China and India Other Applications X-ray Security Screening Market [$M] - 2010-2016
Figure 81 - China and India Other Applications X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 82 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [%] - 2010 & 2016
Figure 83 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Figure 84 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening System Sales [$ Million] - 2010-2016
Figure 85 - Japan, Korea, Australia, Malaysia and Singapore X-ray Security Screening Systems Service and Upgrade Market [$ Million] - 2010-2016
Figure 86 - Japan, Korea, Australia, Malaysia and Singapore Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Figure 87 - Japan, Korea, Australia, Malaysia and Singapore Aviation Security X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 88 - Japan, Korea, Australia, Malaysia and Singapore Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Figure 89 - Japan, Korea, Australia, Malaysia and Singapore Secured Facilities X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 90 - Japan, Korea, Australia, Malaysia and Singapore Other Applications X-ray Security Screening Market [$M] - 2010-2016
Figure 91 - Japan, Korea, Australia, Malaysia and Singapore Other Applications X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 92 - Brazil, Argentina and Mexico X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [%] - 2010 & 2016
Figure 93 - Brazil, Argentina and Mexico X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Figure 94 - Brazil, Argentina and Mexico X-ray Security Screening System Sales [$ Million] - 2010-2016
Figure 95 - Brazil, Argentina and Mexico X-ray Security Screening Systems Service and Upgrade Market [$ Million] - 2010-2016
Figure 96 - Brazil, Argentina and Mexico Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Figure 97 - Brazil, Argentina and Mexico Aviation Security X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 98 - Brazil, Argentina and Mexico Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Figure 99 - Brazil, Argentina and Mexico Secured Facilities X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 100 - Brazil, Argentina and Mexico Other Applications X-ray Security Screening Market [$M] - 2010-2016

© 2011, Homeland Security Research Corporation | 2011-04-8652153

Figure 101 - Brazil, Argentina and Mexico Other Applications X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 102 - ROW X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) Structure [%] - 2010 & 2016
Figure 103 - ROW X-ray Security Screening Market (incl. Systems Sales, Service and Upgrade) [$ Million] by Application - 2010-2016
Figure 104 - ROW X-ray Security Screening System Sales [$ Million] - 2010-2016
Figure 105 - ROW X-ray Security Screening Systems Service and Upgrade Market [$ Million] - 2010-2016
Figure 106 - ROW Aviation Security X-ray Security Screening Market [$M] - 2010-2016
Figure 107 - ROW Aviation Security X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 108 - ROW Secured Facilities X-ray Security Screening Market [$M] - 2010-2016
Figure 109 - ROW Secured Facilities X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 110 - ROW Other Applications X-ray Security Screening Market [$M] - 2010-2016
Figure 111 - ROW Other Applications X-ray Security Screening Market Structure [%] - 2010 & 2016
Figure 112 - Fused Modality Multi Threat (Explosives & Nuclear) Screening System
Figure 113 - 3D Stereoscopic X-ray Camera and Images
Figure 114 - 3D Stereoscopic X-ray Luggage Inspection Scheme
Figure 115 - DHS S&T Explosives Division Functions
Figure 116 - TSA RDT&E Strategic Vision
Figure 117 - The 2D X-ray Performance Criteria
Figure 118 - Remote Cargo Tele-Screening