

# World Aviation Security Market 2013-2023

<https://marketpublishers.com/r/WBA98BD462DEN.html>

Date: August 2013

Pages: 156

Price: US\$ 2,635.00 (Single User License)

ID: WBA98BD462DEN

## Abstracts

Internal threats and external threats at airport facilities and on aircraft continue to be a major concern in many countries around the world. Over the last ten years or so, there has been increasing emphasis on adopting security measures to reduce these threats. This has culminated in an acceleration in aviation security spending on technologies and related services. The evolution of the threat means that aviation security programmes are critical and need to be assessed on a regular basis. But it is becoming apparent that the recent surge in spending may be over. Governments in many mature markets are under pressure to cut spending and this will invariably have a knock on effect on national aviation security markets. Furthermore many of these programmes are coming towards the end. Whilst these factors will restrain growth in these mature national markets, in emerging markets new build rates and the need to harmonise aviation security measures will drive growth. Visiongain has determined that the value of the world aviation security market in 2013 will reach \$18.71bn.

## What makes this report unique?

Visiongain consulted widely with industry experts and a full transcript with Magal S3 is included in the report. As such, our reports have a unique blend of primary and secondary sources providing informed analysis. This methodology allows insight into the key drivers and restraints behind market dynamics and competitive developments, as well as identifying the technological issues. The report therefore presents an ideal balance of qualitative analysis combined with extensive quantitative data including global, submarket and regional markets forecasts from 2013-2023 - all identifying strategic business opportunities.

## Why you should buy World Aviation Security Market 2013-2023

Stay ahead with this comprehensive analysis of the world aviation security

industry prospects  
The report comprises 156 pages

Get ahead by studying highly quantitative content that delivers solid conclusions benefiting your research and analysis

124 tables, charts, and graphs quantifying and forecasting the aviation security market

Read an exclusive expert opinion interview from a leading industry specialist informing the analysis

Magal S3

View global aviation security market forecasts from 2013-2023 to keep your knowledge one step ahead of the competition

The report provides an analytical overview with detailed sales projections and analysis of the market, the competitors, and the commercial drivers and restraints.

Keep informed about the potential for each of the aviation security submarkets with forecasts from 2013-2023

Passenger and Baggage Screening Technologies

Access Control

Digital Surveillance

Perimeter Fencing

Learn about the opportunities in 10 leading countries with aviation security market forecasts between 2013-2023

US

China

UK

France

Germany

Australia

Canada

Italy

Brazil

India

ROW

Understand the competitive landscape with profiles of 15 leading aviation security companies examining their positioning, products, services, focus, strategies and outlook.

Analogic

AS&E

Arinc

Bosch

G4S

HRS

Implant Sciences

L-3 Communications

Magal S3

NUCTECH

Rapiscan

SAIC

Safran / Morpho Detection

Smiths Detection

3D X-ray

Discover the qualitative analysis informing the market forecasts

SWOT analysis of competitive factors: strengths, weaknesses, opportunities and threats revealing what drives and restrains the aviation security industry and the prospects for established companies and new market entrants.

### **How the World Aviation Security 2013-2023 report can benefit you**

Visiongain's report is for anyone requiring analysis of the aviation security industry and market. You will discover market forecasts, technological trends, predictions and expert opinion providing you with independent analysis derived from our extensive primary and secondary research. Only by purchasing this report will you receive this critical business intelligence revealing where revenue growth is likely and where the lucrative potential aviation security market prospects are.

If you buy our report today your knowledge will stay one step ahead of your competitors. Discover how our report could benefit your research, analyses and strategic decisions, saving you time. To gain an understanding of how to tap into the potential of this market and keep one step ahead of the competition you must order now our report World Aviation Security Market 2013-2023.

## Contents

### **1. EXECUTIVE SUMMARY**

- 1.1 World Aviation Security Market Overview 2013-2023
- 1.2 Benefits of This Report
- 1.3 Who is This Report For?
- 1.4 Methodology
- 1.5 World Aviation Security Market Forecast 2013-2023
- 1.6 World Aviation Security Submarket Forecasts 2013-2023
- 1.7 World Aviation Security National Market Forecasts 2013-2023

### **2. INTRODUCTION TO THE WORLD AVIATION SECURITY MARKET**

- 2.1 World Aviation Security Market Structure Overview
- 2.2 Market Definition for the World Aviation Security Market
- 2.3 Who's Responsible for Aviation Security?
- 2.4 Aviation Security Structure Overview
- 2.5 Notable Incidents and Some of the Main Aviation Security Measures Adopted

### **3. WORLD AVIATION SECURITY MARKET FORECAST 2013-2023**

- 3.1 World Aviation Security Market Forecast
- 3.2 World Aviation Security Drivers & Restraints
- 3.3 Passenger and Baggage Screening (PBS) Technologies
- 3.4 Explosive Trace Detectors (ETD)
  - 3.4.1 Ion Mobility Spectrometer (IMS)
- 3.5 Explosive Detection Systems (EDS)
  - 3.5.1 Millimetre Wave Scanner
  - 3.5.2 Backscatter X-Ray Technology
  - 3.5.3 Explosives Trace-Detection Portal
- 3.6 Important Technical Characteristics of an EDS
  - 3.6.1 Threat Detection
  - 3.6.2 Screening Throughput
  - 3.6.3 Other Technical Characteristics
  - 3.6.4 Factors That Affect Performance
- 3.7 Liquid Explosive Detection
- 3.8 Biometric Systems
- 3.9 What about Air Cargo Security?

3.10 Known Shipper Programmes for Air Cargo

3.11 Technological Developments in Aviation Security Equipment

#### **4. WORLD AVIATION SECURITY SUBMARKET FORECASTS 2013-2023**

4.1 World Aviation Security Submarket Overview

4.2 Passenger and Baggage Screening Submarket Forecast 2013 - 2023

4.2.1 Spending surge in Passenger and Baggage Screening Looks Like it is over for the Time Being

4.3 Access Control Submarket Forecast 2013-2023

4.3.1 Access Control Spending Set to Increase Substantially

4.4 Perimeter Submarket Forecast 2013-2023

4.4.1 The Perimeter Security Submarket may be Neglected but it's not Forgotten

4.5 Digital Surveillance Submarket Forecast 2013-2023

4.5.1 Move towards HD Technology to be at the Forefront of Digital Surveillance

#### **5. LEADING NATIONAL AVIATION SECURITY MARKETS FORECAST 2013-2023**

5.1 Leading National Aviation Security Markets Share Forecast 2013-2023

5.2 US Aviation Security Market Forecast 2013-2023

5.2.2 US Aviation Security Drivers & Restraints

5.2.3 Budget Cuts will hit US Aviation Security Programmes but Prospects remain Strong

5.3 Chinese Aviation Security Market Forecast 2013-2023

5.3.1 Chinese Aviation Security Drivers & Restraints

5.3.2 Investment in Transportation and Infrastructure means that prospects for the Aviation Security Market in China look very good

5.4 UK Aviation Security Market Forecast 2013-2023

5.4.1 UK Aviation Security Drivers & Restraints

5.4.2 Overview of Responsibility of Aviation Security in the UK

5.4.3 Heathrow and Gatwick to see Further Investment in Security Technologies in the Short to Medium Term

5.4.4 The UK Plans to move towards a Risk based Approach

5.5 French Aviation Security Market Forecast 2013-2023

5.5.1 French Aviation Security Drivers & Restraints

5.5.2 An overview of the French Aviation Security Market

5.5.3 French Aviation Security Services and Technologies

5.6 German Aviation Security Market Forecast 2013-2023

5.6.1 German Aviation Security Drivers & Restraints

- 5.6.2 Stable Growth Rates Expected in the German Aviation Security Market
- 5.7 Australian Aviation Security Market Forecast 2013-2023
  - 5.7.1 Australian Aviation Security Market Drivers & Restraints
  - 5.7.2 Demand in the Australian Aviation Security Market Very Strong until 2014
- 5.8 Canadian Aviation Security Market Forecast 2013-2023
  - 5.8.1 Canadian Aviation Security Drivers & Restraints
  - 5.8.2 Canadian Aviation Security Market to see Boost in Spending over the Next Five Years
- 5.9 Italian Aviation Security Market Forecast 2013-2023
  - 5.9.1 Italian Aviation Security Market Drivers & Restraints
  - 5.9.2 Impressive Plans aimed at Increasing Passenger Capacity may not be feasible given the Current State of the Economy
- 5.10 Indian Aviation Security Market Forecast 2013-2023
  - 5.10.1 Indian Aviation Security Drivers & Restraints
  - 5.10.2 Huge Potential for the Indian Aviation Security Market being driven by 12th Fifth Year Plan
  - 5.10.3 Emphasis Placed on Technologies but there is still a Reliance on Manual Check
- 5.11 Brazilian Aviation Security Market Forecast 2013-2023
  - 5.11.1 Brazilian Aviation Security Drivers & Restraints
  - 5.11.2 Why are there Mixed Signals coming from the Brazilian Aviation Security Market?
- 5.12 ROW Aviation Security Market Forecast 2013-2023
  - 5.12.1 ROW Aviation Security Drivers & Restraints
  - 5.12.3 Israel, Singapore, and the UAE amongst some of the National Markets worth Keeping an Eye on

## **6. SWOT ANALYSIS OF THE WORLD AVIATION SECURITY MARKET 2013-2023**

### **6.1 Strengths**

- 6.1.1 Regulatory Framework
- 6.1.2 New Threats Require New Solutions

### **6.2 Weaknesses**

- 6.2.1 Budget Restraints and Accountability
- 6.2.2 Risks Associated with an Overreliance on Government Contracts
- 6.2.3 Product Saturation, Development Costs, Intellectual Property Rights related to Security Technologies

### **6.3 Opportunities**

- 6.3.1 Demand in Air Travel Leads to Increased Spending on Infrastructure and Related Programmes

### 6.3.2 Integration of Different Forms of Aviation Security Technologies

## 6.4 Threats

### 6.4.1 Delayed Uptake Hinder Growth Prospects

### 6.4.2 A Limited Number of Suppliers for Key Components

## 7. EXPERT OPINION

### 7.1 Magal S3

### 7.2 Magal S3's Involvement in Aviation Security

### 7.3 Main Technological Developments over the Next Ten Years

### 7.4 Key Trends in Aviation Security

### 7.5 Where is Growth going to come from?

### 7.6 What is Driving and Restraining the Market

## 8. LEADING COMPANIES IN THE AVIATION SECURITY MARKET

### 8.1 Analogic Overview

#### 8.1.1 Analogic Analysis

### 8.2 AS&E Overview

#### 8.2.1 AS&E Analysis

### 8.3 ARINC Overview

#### 8.3.1 ARINC Analysis

### 8.4 Bosch Overview

#### 8.4.1 Bosch Analysis

### 8.5 G4S Overview

#### 8.5.1 G4S Analysis

### 8.6 Human Recognition Systems Overview

#### 8.6.1 Human Recognition Systems Analysis

### 8.7 Implant Sciences Overview

#### 8.7.1 Implant Sciences Analysis

### 8.8 L-3 Communications Overview

#### 8.8.1 L-3 Communications Analysis

### 8.9 Magal S3 Overview

#### 8.9.1 Magal S3 Analysis

### 8.10 NUCTECH Overview

#### 8.10.1 NUCTECH Analysis

### 8.11 Rapiscan Systems Overview

#### 8.11.1 Rapiscan Analysis

### 8.12 SAIC (Reveal Imaging Technologies) Overview



- 8.12.1 SAIC Analysis
- 8.13 Morpho Detection (Safran) Overview
  - 8.13.1 Morpho Detection (Safran) Analysis
  - 8.13.2 Morpho Detection (Safran) Competitors
- 8.14 Smith Detection (Smiths Group) Overview
  - 8.14.1 Smiths Detection (Smiths Group) Analysis
  - 8.14.2 Smiths Detection (Smiths Group) Competitors
- 8.15 3D X-Ray Overview
  - 8.15.1 3DX-Ray Analysis
  - 8.15.2 3D X-Ray Overview
- 8.16 Other Leading Companies in the World Aviation Security Market

## **9. CONCLUSIONS**

- 9.1 Aviation Security Market Outlook
- 9.2 Aviation Security Market Drivers & Restraints
- 9.3 World Aviation Security Market Forecast 2013-2023
- 9.4 World Aviation Security Submarket Forecasts 2013-2023
- 9.5 Aviation Security Leading National Market Forecasts 2013-2023

## **10. GLOSSARY**

## List Of Tables

### LIST OF TABLES

Table 1.1 World Aviation Security Market Forecast Summary 2013, 2018, 2023 (\$bn, CAGR %)

Table 1.2 World Aviation Security Submarket Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)

Table 1.3 World Aviation Security Leading National Market Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)

Table 2.1 Notable Incidents and Responses

Table 3.1 World Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 3.2 World Aviation Security Market Drivers & Restraints

Table 4.1 World Aviation Security Submarket Forecasts 2013-2023 (\$bn, AGR %)

Table 4.2 Passenger and Baggage Screening Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 4.3 Access Control Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 4.4 Perimeter Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 4.5 Digital Surveillance Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 5.1 Leading National Aviation Security Markets Forecast 2013-2023 (\$bn, AGR %)

Table 5.2 US Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 5.3 US Aviation Security Market Drivers & Restraints

Table 5.4 Chinese Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 5.5 Chinese Aviation Security Market Drivers & Restraints

Table 5.6 UK Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 5.7 UK Aviation Security Market Drivers & Restraints

Table 5.8 French Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

Table 5.9 French Aviation Security Market Drivers & Restraints

Table 5.10 German Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)

|  |
|--|
| Table 5.11 German Aviation Security Market Drivers & Restraints  |
| Table 5.12 Australian Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)   |
| Table 5.13 Australian Aviation Security Market Drivers & Restraints  |
| Table 5.14 Canadian Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)   |
| Table 5.15 Canadian Aviation Security Market Drivers & Restraints  |
| Table 5.16 Italian Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)  |
| Table 5.17 Italian Aviation Security Market Drivers & Restraints   |
| Table 5.18 Indian Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)   |
| Table 5.19 Indian Aviation Security Market Drivers & Restraints  |
| Table 5.20 Brazilian Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)  |
| Table 5.21 Brazilian Aviation Security Market Drivers & Restraints   |
| Table 5.22 ROW Aviation Security Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)  |
| Table 5.23 ROW Aviation Security Market Drivers & Restraints   |
| Table 6.1 SWOT Analysis of the World Aviation Security Market 2013-2023  |
| Table 8.1 Analogic Overview 2012 (Total Revenue, Revenue from Aviation Security, % Revenue From Aviation Security, HQ, Ticker, Contact, Website) |
| Table 8.2 Analogic Products / Services (Product, Specification)*   |
| Table 8.3 ARINC Overview 2012 (HQ, Ticker, Contact, Website)   |
| Table 8.4 ARINC Products / Services (Division, Product, Specification)   |
| Table 8.5 ARINC Contracts 2012-2013 (Date, Country, Details)   |
| Table 8.6 AS&E Overview 2012 (Total Revenue, HQ, Ticker, Contact, Website)   |
| Table 8.7 AS&E Products / Services (Division, Product, Specification)  |
| Table 8.8 AS&E Contracts 2012-2013 (Date, Country, Details, Value (\$))  |
| Table 8.9 Bosch Overview 2012 (Total Revenue, Revenue from Relevant Division, HQ, Contact, Website)  |
| Table 8.10 Bosch Products / Services (Division, Product, Specification)  |
| Table 8.11 Bosch Contracts 2012-2013 (Date, Country, Details)  |
| Table 8.12 G4S Overview 2012 (Total Revenue, Revenue from the Aviation Sector, HQ, Ticker, Contact, Website)                                     |
| Table 8.13 G4S Products / Services (Product, Specification)  |
| Table 8.14 G4S Contracts 2012-2013 (Date, Country, Details)  |
| Table 8.15 Human Recognition Systems Overview 2012 (HQ, Website)   |
| Table 8.16 Human Recognition Systems Products / Services (Product, Specification)  |

|  |
|--|
| Table 8.17 Human Recognition Systems Contracts 2012-2013 (Date, Country, Details)  |
| Table 8.18 Implant Sciences Overview 2012 (Total Revenue, HQ, Ticker, Contact, Website)  |
| Table 8.19 Implant Sciences Products / Services (Product)  |
| Table 8.20 Implant Sciences Contracts 2012-2013 (Date, Country, Details)   |
| Table 8.21 L- 3 Communications Overview 2012 (Total Revenue, % Revenue From Market, HQ, Ticker, Website)   |
| Table 8.22 L-3 Communications Products / Services (Division, Product, Specification)   |
| Table 8.23 L-3 Communications Contracts 2012-2013 (Date, Country, Details, Value (\$))   |
| Table 8.24 Magal S3 Overview 2012 (HQ, Ticker, Contact, Website)   |
| Table 8.25 Magal S3 Products / Services (Product, Specification)   |
| Table 8.26 Magal S3 Contracts 2012-2013 (Date, Country, Details, \$)   |
| Table 8.27 NUCTECH Overview 2012 (HQ, Website)   |
| Table 8.28 NUCTECH Products / Services (Product, Specification)  |
| Table 8.29 NUCHTECH Contracts 2012-2013 (Date, Country, Details)   |
| Table 8.30 Rapiscan Systems Overview 2012 (Total Revenue, Revenue from Market, % Revenue From Market, HQ, Ticker, Website)   |
| Table 8.31 Rapiscan Systems Products / Services (Product, Specification)   |
| Table 8.32 Rapiscan Systems Contracts 2012-2013 (Date, Country, Details, \$)   |
| Table 8.33 SAIC Overview 2013 (Total Revenue, HQ, Ticker, Contact, Website)  |
| Table 8.34 SAIC Products / Services (Division, Product, Specification)   |
| Table 8.35 Morpho Detection (Safran) Overview 2012 (Total revenue, Revenue from Security Market, HQ, Ticker, Contact, Website)   |
| Table 8.36 Morpho Detection (Safran) Products / Services (Division, Product, Specification)  |
| Table 8.37 Morpho Detection (Safran) Contracts 2012-2013 (Date, Country, Details, \$)  |
| Table 8.38 Smiths Detection (Smiths Group) Overview 2012 (Total Revenue, Revenue from Relevant Division, % Revenue From Relevant Division, HQ, Ticker, Contact, Website) |
| Table 8.39 Smiths Detection (Smiths Group) Products / Services (Division, Product, Specification)  |
| Table 8.40 Smiths Detection (Smiths Group) Contracts 2012-2013 (Date, Country, Details)  |
| Table 8.41 3D X-Ray Overview 2012 (HQ, Website)  |
| Table 8.42 3DX-Ray Products / Services   |
| Table 8.43 Other Leading Companies in the World Aviation Security Market 2013 (Company, Product /service)  |

Table 9.1 World Aviation Security Market Drivers & Restraints

Table 9.2 World Aviation Security Market Forecast Summary 2013, 2018, 2023 (\$bn, CAGR %)

Table 9.3 World Aviation Security Submarket Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)

Table 9.4 World Aviation Security Leading National Market Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)

## About

Hagai Katz is the senior vice president for marketing and development at Magal S3. Magal S3 is a leading international provider of cyber and physical security, safety and site management solutions and products. Hagai Katz kindly provided answers to Visiongain's questions in July 2013.

Visiongain: Could you outline how Magal S3 is involved in aviation security?

Hagai Katz: I am the senior vice president for marketing and development for Magal S3. Magal S3 has been involved in securing critical sites for more than forty years. It started as a company delivering PIDS (Perimeter Intrusion Detection Systems) and this is still the core technology area. We have developed into delivering security solutions and turn key projects mainly focusing on outdoors security of high profile sites, including in the area of aviation. We also provide technologies and solutions to support the protection of aircraft within airports. We have systems installed in more than 80 countries around the world. I would say that 20% of our activities are geared towards the domestic market and the rest is international.

Visiongain: What do you consider to be main technological developments that we will see in the next years?

Hagai Katz: The basic elements of aviation security will not change over the next ten years. We have based the protection of perimeters, which is our core business, around a specific security strategy. This includes the demarcation the perimeter, the need to deter, the need to detect, the need to delay and the need to defeat the intruder. Airports need to verify that only authorized people can go in and at the right places. It's not just an issue of security and whether you can go in or not, but whether you are allowed to go into that area or whether you are not authorized to be in a specific area; otherwise one can enter onto a runway and cause an accident. So in an airport there is very tight connection between security and safety because any security breach could turn to become a safety issue.

## I would like to order

Product name: World Aviation Security Market 2013-2023

Product link: <https://marketpublishers.com/r/WBA98BD462DEN.html>

Price: US\$ 2,635.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/WBA98BD462DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970