

# Advanced Airport Technologies: Global Markets to 2022

https://marketpublishers.com/r/A484AFA729CEN.html

Date: November 2017

Pages: 137

Price: US\$ 1,250.00 (Single User License)

ID: A484AFA729CEN

# **Abstracts**

#### **DESCRIPTION**

The global market for advanced airport technologies totaled \$20.3 billion in 2016. The market should total nearly \$21.3 billion in 2017 and \$27.2 billion in 2022, registering a compound annual growth rate (CAGR) of 5.1% from 2017 to 2022.

Communications systems as a segment should total \$4.7 billion in 2017 and \$5.9 billion by 2022 at a five-year CAGR of 4.7% from 2017 to 2022.

The market for passenger/baggage/cargo handling and control as a segment should total \$8.4 billion by 2017 and nearly \$10.7 billion by 2022 with a CAGR of 4.8% from 2017-2022.

#### **EXECUTIVE SUMMARY**

Explore the advanced airport technologies in terms of regulatory, security, and economic trends that are effecting the market.



# **Contents**

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Information Sources
Methodology
Geographic Breakdown
Analyst's Credentials
Related BCC Research Reports

#### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

# **CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND**

Advanced Airport Technologies
Air/Ground Traffic Management and Control
Landing Aids, Guidance, and Lighting Systems
Airport Communications
Airport Management Systems
Security, Fire Protection and Other Emergency Systems
Passenger, Baggage, and Cargo Control Systems
Car Parking Systems
Trends in the Airport Industry
Airport Trends
Passenger/Freight Traffic Trends
Government Trends

Government Trends
Market Summary

Overall Market Size and Growth Trends

Market Segmentation

# CHAPTER 4 AIR/GROUND TRAFFIC MANAGEMENT AND CONTROL TECHNOLOGIES

Summary Technologies Advanced Radar Systems



Radar Data Processing and Display Systems

Manufacturers

Patents

Markets

# **CHAPTER 5 NAVIGATIONAL AND LANDING AIDS AND ILLUMINATION SYSTEMS**

Summary

RF Navigational and Landing Aids

**Technologies** 

Manufacturers

**Patents** 

Markets

Airport Lighting Systems

Description

**Technologies** 

Manufacturers

**Patents** 

Markets

# **CHAPTER 6 AIRPORT COMMUNICATIONS**

Summary

**Technologies** 

Land Mobile Radio

Common-Use Networks

Wireless Communications

Vendors

Patents

Markets

**Total Airport Telecommunications Spending** 

# **CHAPTER 7 AIRPORT DIGITAL SIGNAGE SYSTEMS**

Summary

**Technologies** 

Display Technologies

Control Software

Connectivity Technologies



Manufacturers

**Patents** 

Markets

# **CHAPTER 8 AIRPORT MANAGEMENT SOFTWARE**

Summary

Technology

Vendors

**Patents** 

Markets

# CHAPTER 9 SECURITY, FIRE PROTECTION, AND EMERGENCY SERVICES

Summary

Airport Security Systems

Passenger, Baggage and Cargo Screening Devices

Airport Physical Security

**Emergency Response Equipment** 

**Technologies** 

Manufacturers

**Patents** 

Markets

# CHAPTER 10 PASSENGER, BAGGAGE AND CARGO HANDLING CONTROL SYSTEMS

Summary

Passenger Processing Systems

**Technologies** 

Manufacturers

**Patents** 

Markets

**Baggage Systems** 

Baggage Handling Systems

Baggage Identification and Tracking Systems

Cargo Systems

Manufacturers

**Patents** 



### Markets

#### **CHAPTER 11 CAR PARKING SYSTEMS**

Summary

**Technologies** 

License Plate Recognition

Parking Space Guidance

Pay-On-Foot

Credit Card In/Out

Toll Booth Technology

Manufacturers

**Patents** 

Markets

#### **CHAPTER 12 COMPANY PROFILES**

AIRPORT INFORMATION SYSTEMS LTD.

ALSTEF AUTOMATION S.A.

AMERICAN SCIENCE AND ENGINEERING INC.

ANALOGIC CORP.

ATG AIRPORTS LTD.

**BARCO** 

BOSCH SECURITY SYSTEMS INC.

CARMANAH TECHNOLOGIES CORP.

CISCO SYSTEMS INC.

DIALIGHT CORP.

**ELECTRONIC SENSOR TECHNOLOGY** 

GARRETT METAL DETECTORS INC.

HID GLOBAL

HITACHI LTD.

HONEYWELL AIRPORT SYSTEMS GMBH

**IER** 

INKODE CORP.

KUKA ROBOTER GMBH

L-3 COMMUNICATIONS SECURITY AND DETECTION SYSTEMS

**LEIDOS** 

MAGAL SECURITY SYSTEMS LTD.

MILLIVISION TECHNOLOGIES



MORPHO S.A.

OSHKOSH TRUCK CORP.

PASSUR AEROSPACE

PENSHER SKYTECH

PESMEL OY

QINETIQ LTD.

RAPISCAN SYSTEMS

RAYTHEON CORP.

**ROCKWELL AUTOMATION** 

**ROCKWELL COLLINS** 

SAFEGATE INTERNATIONAL AB

SAGO SYSTEMS INC.

SIEMENS AIRPORTS

SMITHS DETECTION INTERNATIONAL

THALES ATM S.A.

TYCO FIRE AND SECURITY

TYDENBROOKS CO.

**VANDERLANDE INDUSTRIES** 

XEROX TRANSPORTATION SOLUTIONS INC.



# **List Of Tables**

#### LIST OF TABLES

Summary Table: Global Market for Advanced Airport Technologies, by Type, Through 2022

Table 1: Global Airports/Airfields by Country or Region

Table 2: U.S. Airports Eligible for AIP, 2016

Table 3: U.S. Airports with Runway Lighting Systems, 2016

Table 4: Global Market for Advanced Airport Technologies, by Type/Category, 2016

Table 5: Public vs. Private Ownership of U.S. Airports, 2016

Table 6: Global Capital Expenditures in Airports, by Region, 2010-2016

Table 7: Types of U.S. Airport Expenditures Financed by PFC Collections, 2016

Table 8: Global Market for Civil Aviation Fleet, by Aircraft Category, Through 2022

Table 9: Global Market shares of Civil Aviation Fleet, by Aircraft Category, 2016

Table 10: Global Market Shares of Commercial Passenger Fleet, by Aircraft Category,

2016 vs. 2022

Table 11: Global Market for Commercial Air Movements, Through 2022

Table 12: Volume of Passengers Carried by World's Commercial Airlines, Through 2022

Table 13: Global Annual Passenger Traffic Growth Rates, by Region, 2016-2022

Table 14: Volume of Air Cargo Carried by World's Commercial Airlines, Through 2022

Table 15: Global Market for Advanced Airport Technologies, by Technology Type,

Through 2022

Table 16: Air/Ground Traffic Management and Control System Vendors

Table 17: U.S. Air/Ground Traffic Management and Control Patents Issued, Through Aug. 31, 2017

Table 18: Global Market for ATC Technologies, Through 2022

Table 19: Global Market Forecast for Navigational/Landing Aids and Illumination

Systems, Through 2022

Table 20: Manufacturers and Suppliers of RF Navigation and Landing Aids

Table 21: U.S. RF Navigational and Landing Aid Patents Issued, Through Aug. 31, 2017

Table 22: Global Market for Airport-Based RF Navigation and Landing Aid Systems, by

Type, Through 2022

Table 23: Global Market Shares of Airport-Based RF Navigation and Landing Aid

Systems, by Type, 2016-2022

Table 24: Airport Lighting System Manufacturers

Table 25: Global Market for Airport Lighting Technologies, Through 2022

Table 26: Global Market Shares of Airport Lighting Technologies, 2016-2022



- Table 27: Airport Communications Systems Vendors
- Table 28: Global Market for Airport Communications Systems, Through 2022
- Table 29: Global Market Shares of Airport Communications Technologies, 2016-2022
- Table 30: Manufacturers and Suppliers of Airport Digital Signage Systems
- Table 31: Global Market for Airport Digital Signage Systems, Through 2022
- Table 32: Vendors of Airport Management Software
- Table 33: Global Market for Airport Management Software, Through 2022
- Table 34: Global Market for Airport Security Systems and Emergency Response Equipment, Through 2022
- Table 35: Global Market for Airport Security Systems, by Type, Through 2022
- Table 36: Manufacturers and Suppliers of Passenger, Baggage and Screening Systems
- Table 37: U.S. Airport Security Screening Patents, by Technology Issued, Through Aug. 31, 2017
- Table 38: U.S. Airport Security Screening Patents, by Patent Holder, Issued Through Aug. 31, 2017
- Table 39: Global Market for Airport Passenger, Baggage and Cargo Screening Technologies, by Type, Through 2022
- Table 40: Global Market Shares of Airport Passenger, Baggage and Cargo Screening Technologies, by Type, 2016-2022
- Table 41: Manufacturers and Suppliers of Airport Physical Security Systems
- Table 42: U.S. Airport Physical Security-Related Patents, by Type of Technology Issued, Through Aug. 31, 2017
- Table 43: Global Market for Airport Physical Security Technologies, Through 2022
- Table 44: Global Market Shares of Airport Physical Security Technologies, 2016-2022
- Table 45: Emergency Response Vehicles
- Table 46: Manufacturers and Suppliers of Airport Emergency Response Equipment
- Table 47: Global Market for Airport Emergency Response Equipment, Through 2022
- Table 48: Global Market for Airport Passenger, Baggage, and Cargo Control Systems, Through 2022
- Table 49: Passenger Check-In System Vendors
- Table 50: Global Market for Passenger Check-In Systems, Through 2022
- Table 51: Global Market Shares of Passenger Check-In Systems, 2016-2022
- Table 52: Global Market for Passenger Baggage Systems, by Type, Through 2022
- Table 53: Global Market Shares of Passenger Baggage Systems, by Type, 2016-2022
- Table 54: Airport Baggage System Manufacturers
- Table 55: Global Market for Baggage Handling Systems, Through 2022
- Table 56: U.S. Baggage ID and Tracking Technology Patents Issued Through August 31, 2017
- Table 57: Baggage Identification and Tracking System Manufacturers



Table 58: Global Market for Baggage Identification and Tracking Systems, by Application, Through 2022

Table 59: Global Market Shares of Baggage Identification and Tracking Systems, by Application, 2016-2012

Table 60: Global Market for Bar Code Printers, Readers, and Consumables in Airline Baggage Tagging, 2016

Table 61: Air Cargo Handling System Vendors

Table 62: Global Market for Air Cargo Handling Systems and Equipment, Through 2022

Table 63: Airport Parking System Vendors

Table 64: U.S. Airport Parking-Related Patents Issued Through August 31, 2017

Table 65: Global Market for Airport Car Parking Systems, Through 2022



# **List Of Figures**

### LIST OF FIGURES

Summary Figure: Global Market for Advanced Airport Technologies, by Type, 2016-2022

Figure 1: Global Airports/Airfields by Country or Region

Figure 2: U.S. Airports Eligible for AIP, 2016

Figure 3: U.S. Airports with Runway Lighting Systems, 2016

Figure 4: Global Primary and Secondary Markets for Advanced Airport Technologies, 2016

Figure 5: Public vs. Private Ownership of U.S. Airports, 2016

Figure 6: Types of U.S. Airport Expenditures Financed by PFC Collections, 2016

Figure 7: Global Market Shares of Civil Aviation Fleet, by Aircraft Category, 2016

Figure 8: Global Market Shares of Commercial Passenger Fleet, by Aircraft Category,

2016 vs. 2022

Figure 9: Global Market for Commercial Air Movements, 2016-2022

Figure 10: Trends in Global Commercial Air Passenger Traffic, 2016-2022

Figure 11: Global Annual Passenger Traffic Growth Rates, by Region, 2016-2022

Figure 12: Trends in Global Commercial Air Cargo Tonnage, 2016-2022

Figure 13: Global Market for Advanced Airport Technologies, by Type, 2016-2022

Figure 14: Global Market Shares of Advanced Airport Technologies, by Technology Type, 2016 vs. 2022

Figure 15: U.S. Air/Ground Traffic Management and Control Patents Issued, Through Aug. 31, 2017

Figure 16: U.S. RF Navigational and Landing Aid Patents Issued, Through Aug. 31, 2017

Figure 17: Global Market Shares of Airport-Based RF Navigation and Landing Aid Systems, 2016-2022

Figure 18: Global Market Shares of Airport Lighting Technologies, 2016-2022

Figure 19: Global Market Shares of Airport Communication Technologies, 2016-2022

Figure 20: Global Market Shares for Airport Security Systems, by Type, 2016 vs. 2022

Figure 21: U.S. Airport Security Screening Patents, by Technology Issued, Through Aug. 31, 2017

Figure 22: U.S. Airport Security Screening Patents, by Patent Holder, Issued Through Aug. 31, 2017

Figure 23: Global Market Shares of Airport Passenger, Baggage and Cargo Screening Technologies, by Type, 2016-2022

Figure 24: U.S. Airport Physical Security-Related Patents, by Type of Technology



Issued, Through Aug. 31, 2017

Figure 25: Global Trends in Airport Physical Security Market Shares, 2016-2022

Figure 26: Global Market Shares of Passenger Check-In Systems, 2016-2022

Figure 27: Global Market Shares of Passenger Baggage Systems, by Type, 2016-2022

Figure 28: U.S. Baggage ID and Tracking Technology Patents Issued Through August

31, 2017

Figure 29: Global Market Shares of Baggage Identification and Tracking Systems,

2016-2022

Figure 30: U.S. Airport Parking-Related Patents Issued through August 31, 2017

#### **COMPANIES MENTIONED**

AIRPORT INFORMATION SYSTEMS LTD.

ALSTEF AUTOMATION S.A.

AMERICAN SCIENCE AND ENGINEERING INC.

ANALOGIC CORP.

ATG AIRPORTS LTD.

**BARCO** 

BOSCH SECURITY SYSTEMS INC.

CARMANAH TECHNOLOGIES CORP.

CISCO SYSTEMS INC.

DIALIGHT CORP.

**ELECTRONIC SENSOR TECHNOLOGY** 

GARRETT METAL DETECTORS INC.

HID GLOBAL

HITACHI LTD.

HONEYWELL AIRPORT SYSTEMS GMBH

**IER** 

INKODE CORP.

KUKA ROBOTER GMBH

L-3 COMMUNICATIONS SECURITY AND DETECTION SYSTEMS

**LEIDOS** 

MAGAL SECURITY SYSTEMS LTD.

MILLIVISION TECHNOLOGIES

MORPHO S.A.

OSHKOSH TRUCK CORP.

PASSUR AEROSPACE

PENSHER SKYTECH

**PESMEL OY** 



QINETIQ LTD.

**RAPISCAN SYSTEMS** 

RAYTHEON CORP.

**ROCKWELL AUTOMATION** 

**ROCKWELL COLLINS** 

SAFEGATE INTERNATIONAL AB

SAGO SYSTEMS INC.

SIEMENS AIRPORTS

SMITHS DETECTION INTERNATIONAL

THALES ATM S.A.

TYCO FIRE AND SECURITY

TYDENBROOKS CO.

**VANDERLANDE INDUSTRIES** 

XEROX TRANSPORTATION SOLUTIONS INC.



# I would like to order

Product name: Advanced Airport Technologies: Global Markets to 2022
Product link: <a href="https://marketpublishers.com/r/A484AFA729CEN.html">https://marketpublishers.com/r/A484AFA729CEN.html</a>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name: Last name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/A484AFA729CEN.html">https://marketpublishers.com/r/A484AFA729CEN.html</a>

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

Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

& Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

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