

# Biometrics and Identity Management - Global Market Outlook (2015-2022)

<https://marketpublishers.com/r/B909C9D971BEN.html>

Date: April 2016

Pages: 153

Price: US\$ 4,150.00 (Single User License)

ID: B909C9D971BEN

## Abstracts

According to Statistics MRC, global biometrics and identity management market is expected to grow from \$12.15 billion in 2015 to \$37.8 billion by 2022 at a CAGR of 17.6%. Security concerns due to increasing crimes and terror attacks, government initiatives to implement biometrics in a variety of fields are the factors influencing the market growth. Furthermore, advantages associated with data redundancy, multi-level security, convenience and advanced quality are the factors fueling the market growth. However, fear of privacy intervention, inconvenience and high cost of biometric devices are the factors restraining the market.

Among the application, Banking and Financial institutions segment is expected to witness high growth rate during the forecast period. North America accounted for the largest share in global biometrics and identity management market followed by Europe. Asia Pacific is expected to witness fastest growth on account of rising concerns of safety & security and increasing government projects.

Some of the key players in global biometrics and identity management market include Kaba group, 3M Cogent Inc., ACTatek Ltd., Allegion Plc, Anviz global Plc, Apple Inc., Authentec Inc., Aware Inc., Bio-Key International inc., Cognitec Systems GmbH, Crossmatch Technologies Inc., Diamond Fortress Technologies, ePortID, NGER Print Cards AB, Fujitsu global Ltd., Fulcrum Biometrics Plc, Herta Security S.L, Hid global, Iris Id Inc., Iritech Inc., M2sys technology LLC, Morpho group, Nec Corporation, Precise Biometrics AB, S.I.C. Biometrics Inc., Securax Tech Pvt. Ltd., Sensory Inc., Synaptics Inc., Tyco International Ltd., and Watchguard Inc.

Motility Covered:

Mobile

Fixed

Modality Covered:

Components

Quality Assessment

Data Storage

Input Extraction (Sensors & Detectors)

Transmission & Signal Processing

Classification of Biometric System

Systems Based on Behavioral Parameters

Systems Based on Physiological Parameters

Face Recognition System

Eye Based Recognition Systems

Handwritten Recognition Systems

Hand based Recognition Systems

Voice Recognition Systems

Others Biometrics

Applications Covered:

Enterprise

Retail and Commerce

Banking and Financial Institutions

Consumer Electronics

Government

Healthcare

Border Control and Airport Security

Law Enforcement

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

## Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

## WHAT OUR REPORT OFFERS:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 Emerging Markets

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL BIOMETRICS AND IDENTITY MANAGEMENT MARKET, BY MOTILITY**

5.1 Introduction

5.2 Mobile

5.3 Fixed

## **6 GLOBAL BIOMETRICS AND IDENTITY MANAGEMENT MARKET, BY MODALITY**

6.1 Introduction

6.2 Components

6.2.1 Quality Assessment

6.2.2 Data Storage

6.2.3 Input Extraction (Sensors & Detectors)

6.2.4 Transmission & Signal Processing

6.3 Classification of Biometric System

6.3.1 Systems Based on Behavioural Parameters

6.3.2 Systems Based on Physiological Parameters

6.3.3 Face Recognition System

6.3.4 Eye Based Recognition Systems

6.3.4.1 Retina Recognition Systems

6.3.4.2 Iris Recognition Systems

6.3.5 Handwritten Recognition Systems

6.3.6 Hand based Recognition Systems

6.3.6.1 Vein Pattern based Recognition System

6.3.6.2 Palm print

6.3.6.3 Fingerprint

6.3.7 Voice Recognition Systems

6.3.8 Others Biometrics

## **7 GLOBAL BIOMETRICS AND IDENTITY MANAGEMENT MARKET, BY APPLICATION**

7.1 Introduction

7.2 Enterprise

7.3 Retail and Commerce

7.4 Banking and Financial Institutions

7.5 Consumer Electronics

7.6 Government

7.7 Healthcare

7.8 Border Control and Airport Security

7.9 Law Enforcement

## **8 GLOBAL BIOMETRICS AND IDENTITY MANAGEMENT MARKET, BY GEOGRAPHY**

### **8.1 North America**

#### **8.1.1 US**

#### **8.1.2 Canada**

#### **8.1.3 Mexico**

### **8.2 Europe**

#### **8.2.1 Germany**

#### **8.2.2 France**

#### **8.2.3 Italy**

#### **8.2.4 UK**

#### **8.2.5 Spain**

#### **8.2.6 Rest of Europe**

### **8.3 Asia Pacific**

#### **8.3.1 Japan**

#### **8.3.2 China**

#### **8.3.3 India**

#### **8.3.4 Australia**

#### **8.3.5 New Zealand**

#### **8.3.6 Rest of Asia Pacific**

### **8.4 Rest of the World**

#### **8.4.1 Middle East**

#### **8.4.2 Brazil**

#### **8.4.3 Argentina**

#### **8.4.4 South Africa**

#### **8.4.5 Egypt**

## **9 KEY DEVELOPMENTS**

### **9.1 Agreements, Partnerships, Collaborations and Joint Ventures**

### **9.2 Acquisitions & Mergers**

### **9.3 New Product Launch**

### **9.4 Expansions**

### **9.5 Other Key Strategies**

## **10 COMPANY PROFILING**



- 10.1 Kaba Group
- 10.2 3M Cogent Inc.
- 10.3 Actatek Ltd.
- 10.4 Allegion Plc
- 10.5 Anviz Global Plc
- 10.6 Apple Inc.
- 10.7 Authentec Inc.
- 10.8 Aware Inc.
- 10.9 Bio-key International Inc.
- 10.10 Cognitec Systems GmbH
- 10.11 Crossmatch Technologies Inc.
- 10.12 Diamond Fortress Technologies Inc.
- 10.13 ePortID
- 10.14 Fingerprint Cards AB
- 10.15 Fujitsu Global Ltd.
- 10.16 Fulcrum Biometrics Plc
- 10.17 Herta Security S.L
- 10.18 Hid Global Corporation
- 10.19 Iris Id Inc.
- 10.20 Iritech Inc.
- 10.21 M2sys Technology LLC
- 10.22 Morpho Group
- 10.23 Nec Corporation
- 10.24 Precise Biometrics AB
- 10.25 S.I.C Biometrics Inc.
- 10.26 Securax Tech Pvt. Ltd.
- 10.27 Sensory Inc.
- 10.28 Synaptics Inc.
- 10.29 Tyco International Ltd.
- 10.30 Watchguard Inc.

## List Of Tables

### LIST OF TABLES

- 1 Global Biometrics and Identity Management Market, By Region (2013-2022) (\$MN)
- 2 Global Biometrics and Identity Management Market, By Motility (2013-2022) (\$MN)
- 3 Global Biometrics and Identity Management Market, By Mobile (2013-2022) (\$MN)
- 4 Global Biometrics and Identity Management Market, By Fixed (2013-2022) (\$MN)
- 5 Global Biometrics and Identity Management Market, By Modality (2013-2022) (\$MN)
- 6 Global Biometrics and Identity Management Market, By Components (2013-2022) (\$MN)
- 7 Global Biometrics and Identity Management Market, By Quality Assessment (2013-2022) (\$MN)
- 8 Global Biometrics and Identity Management Market, By Data Storage (2013-2022) (\$MN)
- 9 Global Biometrics and Identity Management Market, By Input Extraction (Sensors & Detectors) (2013-2022) (\$MN)
- 10 Global Biometrics and Identity Management Market, By Transmission & Signal Processing (2013-2022) (\$MN)
- 11 Global Biometrics and Identity Management Market, By Classification of Biometric System (2013-2022) (\$MN)
- 12 Global Biometrics and Identity Management Market, By Systems Based on Behavioural Parameters (2013-2022) (\$MN)
- 13 Global Biometrics and Identity Management Market, By Systems Based on Physiological Parameters (2013-2022) (\$MN)
- 14 Global Biometrics and Identity Management Market, By Face Recognition System (2013-2022) (\$MN)
- 15 Global Biometrics and Identity Management Market, By Eye Based Recognition Systems (2013-2022) (\$MN)
- 16 Global Biometrics and Identity Management Market, By Handwritten Recognition Systems (2013-2022) (\$MN)
- 17 Global Biometrics and Identity Management Market, By Hand based Recognition Systems (2013-2022) (\$MN)
- 18 Global Biometrics and Identity Management Market, By Voice Recognition Systems (2013-2022) (\$MN)
- 19 Global Biometrics and Identity Management Market, By Others Biometrics (2013-2022) (\$MN)
- 20 Global Biometrics and Identity Management Market, By Application (2013-2022) (\$MN)

- 21 Global Biometrics and Identity Management Market, By Enterprise (2013-2022) (\$MN)
- 22 Global Biometrics and Identity Management Market, By Retail and Commerce (2013-2022) (\$MN)
- 23 Global Biometrics and Identity Management Market, By Banking and Financial Institutions (2013-2022) (\$MN)
- 24 Global Biometrics and Identity Management Market, By Consumer Electronics (2013-2022) (\$MN)
- 25 Global Biometrics and Identity Management Market, By Government (2013-2022) (\$MN)
- 26 Global Biometrics and Identity Management Market, By Healthcare (2013-2022) (\$MN)
- 27 Global Biometrics and Identity Management Market, By Border Control and Airport Security (2013-2022) (\$MN)
- 28 Global Biometrics and Identity Management Market, By Law Enforcement (2013-2022) (\$MN)
- 29 North America Biometrics and Identity Management Market, By Country (2013-2022) (\$MN)
- 30 North America Biometrics and Identity Management Market, By Motility (2013-2022) (\$MN)
- 31 North America Biometrics and Identity Management Market, By Mobile (2013-2022) (\$MN)
- 32 North America Biometrics and Identity Management Market, By Fixed (2013-2022) (\$MN)
- 33 North America Biometrics and Identity Management Market, By Modality (2013-2022) (\$MN)
- 34 North America Biometrics and Identity Management Market, By Components (2013-2022) (\$MN)
- 35 North America Biometrics and Identity Management Market, By Quality Assessment (2013-2022) (\$MN)
- 36 North America Biometrics and Identity Management Market, By Data Storage (2013-2022) (\$MN)
- 37 North America Biometrics and Identity Management Market, By Input Extraction (Sensors & Detectors) (2013-2022) (\$MN)
- 38 North America Biometrics and Identity Management Market, By Transmission & Signal Processing (2013-2022) (\$MN)
- 39 North America Biometrics and Identity Management Market, By Classification of Biometric System (2013-2022) (\$MN)
- 40 North America Biometrics and Identity Management Market, By Systems Based on

Behavioural Parameters (2013-2022) (\$MN)

41 North America Biometrics and Identity Management Market, By Systems Based on Physiological Parameters (2013-2022) (\$MN)

42 North America Biometrics and Identity Management Market, By Face Recognition System (2013-2022) (\$MN)

43 North America Biometrics and Identity Management Market, By Eye Based Recognition Systems (2013-2022) (\$MN)

44 North America Biometrics and Identity Management Market, By Handwritten Recognition Systems (2013-2022) (\$MN)

45 North America Biometrics and Identity Management Market, By Hand based Recognition Systems (2013-2022) (\$MN)

46 North America Biometrics and Identity Management Market, By Voice Recognition Systems (2013-2022) (\$MN)

47 North America Biometrics and Identity Management Market, By Others Biometrics (2013-2022) (\$MN)

48 North America Biometrics and Identity Management Market, By Application (2013-2022) (\$MN)

49 North America Biometrics and Identity Management Market, By Enterprise (2013-2022) (\$MN)

50 North America Biometrics and Identity Management Market, By Retail and Commerce (2013-2022) (\$MN)

51 North America Biometrics and Identity Management Market, By Banking and Financial Institutions (2013-2022) (\$MN)

52 North America Biometrics and Identity Management Market, By Consumer Electronics (2013-2022) (\$MN)

53 North America Biometrics and Identity Management Market, By Government (2013-2022) (\$MN)

54 North America Biometrics and Identity Management Market, By Healthcare (2013-2022) (\$MN)

55 North America Biometrics and Identity Management Market, By Border Control and Airport Security (2013-2022) (\$MN)

56 North America Biometrics and Identity Management Market, By Law Enforcement (2013-2022) (\$MN)

57 Europe Biometrics and Identity Management Market, By Country (2013-2022) (\$MN)

58 Europe Biometrics and Identity Management Market, By Motility (2013-2022) (\$MN)

59 Europe Biometrics and Identity Management Market, By Mobile (2013-2022) (\$MN)

60 Europe Biometrics and Identity Management Market, By Fixed (2013-2022) (\$MN)

61 Europe Biometrics and Identity Management Market, By Modality (2013-2022) (\$MN)

62 Europe Biometrics and Identity Management Market, By Components (2013-2022)

(\$MN)

63 Europe Biometrics and Identity Management Market, By Quality Assessment (2013-2022) (\$MN)

64 Europe Biometrics and Identity Management Market, By Data Storage (2013-2022) (\$MN)

65 Europe Biometrics and Identity Management Market, By Input Extraction (Sensors & Detectors) (2013-2022) (\$MN)

66 Europe Biometrics and Identity Management Market, By Transmission & Signal Processing (2013-2022) (\$MN)

67 Europe Biometrics and Identity Management Market, By Classification of Biometric System (2013-2022) (\$MN)

68 Europe Biometrics and Identity Management Market, By Systems Based on Behavioural Parameters (2013-2022) (\$MN)

69 Europe Biometrics and Identity Management Market, By Systems Based on Physiological Parameters (2013-2022) (\$MN)

70 Europe Biometrics and Identity Management Market, By Face Recognition System (2013-2022) (\$MN)

71 Europe Biometrics and Identity Management Market, By Eye Based Recognition Systems (2013-2022) (\$MN)

72 Europe Biometrics and Identity Management Market, By Handwritten Recognition Systems (2013-2022) (\$MN)

73 Europe Biometrics and Identity Management Market, By Hand based Recognition Systems (2013-2022) (\$MN)

74 Europe Biometrics and Identity Management Market, By Voice Recognition Systems (2013-2022) (\$MN)

75 Europe Biometrics and Identity Management Market, By Others Biometrics (2013-2022) (\$MN)

76 Europe Biometrics and Identity Management Market, By Application (2013-2022) (\$MN)

77 Europe Biometrics and Identity Management Market, By Enterprise (2013-2022) (\$MN)

78 Europe Biometrics and Identity Management Market, By Retail and Commerce (2013-2022) (\$MN)

79 Europe Biometrics and Identity Management Market, By Banking and Financial Institutions (2013-2022) (\$MN)

80 Europe Biometrics and Identity Management Market, By Consumer Electronics (2013-2022) (\$MN)

81 Europe Biometrics and Identity Management Market, By Government (2013-2022) (\$MN)

- 82 Europe Biometrics and Identity Management Market, By Healthcare (2013-2022) (\$MN)
- 83 Europe Biometrics and Identity Management Market, By Border Control and Airport Security (2013-2022) (\$MN)
- 84 Europe Biometrics and Identity Management Market, By Law Enforcement (2013-2022) (\$MN)
- 85 Asia Pacific Biometrics and Identity Management Market, By Country (2013-2022) (\$MN)
- 86 Asia Pacific Biometrics and Identity Management Market, By Motility (2013-2022) (\$MN)
- 87 Asia Pacific Biometrics and Identity Management Market, By Mobile (2013-2022) (\$MN)
- 88 Asia Pacific Biometrics and Identity Management Market, By Fixed (2013-2022) (\$MN)
- 89 Asia Pacific Biometrics and Identity Management Market, By Modality (2013-2022) (\$MN)
- 90 Asia Pacific Biometrics and Identity Management Market, By Components (2013-2022) (\$MN)
- 91 Asia Pacific Biometrics and Identity Management Market, By Quality Assessment (2013-2022) (\$MN)
- 92 Asia Pacific Biometrics and Identity Management Market, By Data Storage (2013-2022) (\$MN)
- 93 Asia Pacific Biometrics and Identity Management Market, By Input Extraction (Sensors & Detectors) (2013-2022) (\$MN)
- 94 Asia Pacific Biometrics and Identity Management Market, By Transmission & Signal Processing (2013-2022) (\$MN)
- 95 Asia Pacific Biometrics and Identity Management Market, By Classification of Biometric System (2013-2022) (\$MN)
- 96 Asia Pacific Biometrics and Identity Management Market, By Systems Based on Behavioural Parameters (2013-2022) (\$MN)
- 97 Asia Pacific Biometrics and Identity Management Market, By Systems Based on Physiological Parameters (2013-2022) (\$MN)
- 98 Asia Pacific Biometrics and Identity Management Market, By Face Recognition System (2013-2022) (\$MN)
- 99 Asia Pacific Biometrics and Identity Management Market, By Eye Based Recognition Systems (2013-2022) (\$MN)
- 100 Asia Pacific Biometrics and Identity Management Market, By Handwritten Recognition Systems (2013-2022) (\$MN)
- 101 Asia Pacific Biometrics and Identity Management Market, By Hand based



Recognition Systems (2013-2022) (\$MN)

102 Asia Pacific Biometrics and Identity Management Market, By Voice Recognition Systems (2013-2022) (\$MN)

103 Asia Pacific Biometrics and Identity Management Market, By Others Biometrics (2013-2022) (\$MN)

104 Asia Pacific Biometrics and Identity Management Market, By Application (2013-2022) (\$MN)

105 Asia Pacific Biometrics and Identity Management Market, By Enterprise (2013-2022) (\$MN)

106 Asia Pacific Biometrics and Identity Management Market, By Retail and Commerce (2013-2022) (\$MN)

107 Asia Pacific Biometrics and Identity Management Market, By Banking and Financial Institutions (2013-2022) (\$MN)

108 Asia Pacific Biometrics and Identity Management Market, By Consumer Electronics (2013-2022) (\$MN)

109 Asia Pacific Biometrics and Identity Management Market, By Government (2013-2022) (\$MN)

110 Asia Pacific Biometrics and Identity Management Market, By Healthcare (2013-2022) (\$MN)

111 Asia Pacific Biometrics and Identity Management Market, By Border Control and Airport Security (2013-2022) (\$MN)

112 Asia Pacific Biometrics and Identity Management Market, By Law Enforcement (2013-2022) (\$MN)

113 RoW Biometrics and Identity Management Market, By Country (2013-2022) (\$MN)

114 RoW Biometrics and Identity Management Market, By Motility (2013-2022) (\$MN)

115 RoW Biometrics and Identity Management Market, By Mobile (2013-2022) (\$MN)

116 RoW Biometrics and Identity Management Market, By Fixed (2013-2022) (\$MN)

117 RoW Biometrics and Identity Management Market, By Modality (2013-2022) (\$MN)

118 RoW Biometrics and Identity Management Market, By Components (2013-2022) (\$MN)

119 RoW Biometrics and Identity Management Market, By Quality Assessment (2013-2022) (\$MN)

120 RoW Biometrics and Identity Management Market, By Data Storage (2013-2022) (\$MN)

121 RoW Biometrics and Identity Management Market, By Input Extraction (Sensors & Detectors) (2013-2022) (\$MN)

122 RoW Biometrics and Identity Management Market, By Transmission & Signal Processing (2013-2022) (\$MN)

123 RoW Biometrics and Identity Management Market, By Classification of Biometric

System (2013-2022) (\$MN)

124 RoW Biometrics and Identity Management Market, By Systems Based on Behavioural Parameters (2013-2022) (\$MN)

125 RoW Biometrics and Identity Management Market, By Systems Based on Physiological Parameters (2013-2022) (\$MN)

126 RoW Biometrics and Identity Management Market, By Face Recognition System (2013-2022) (\$MN)

127 RoW Biometrics and Identity Management Market, By Eye Based Recognition Systems (2013-2022) (\$MN)

128 RoW Biometrics and Identity Management Market, By Handwritten Recognition Systems (2013-2022) (\$MN)

129 RoW Biometrics and Identity Management Market, By Hand based Recognition Systems (2013-2022) (\$MN)

130 RoW Biometrics and Identity Management Market, By Voice Recognition Systems (2013-2022) (\$MN)

131 RoW Biometrics and Identity Management Market, By Others Biometrics (2013-2022) (\$MN)

132 RoW Biometrics and Identity Management Market, By Application (2013-2022) (\$MN)

133 RoW Biometrics and Identity Management Market, By Enterprise (2013-2022) (\$MN)

134 RoW Biometrics and Identity Management Market, By Retail and Commerce (2013-2022) (\$MN)

135 RoW Biometrics and Identity Management Market, By Banking and Financial Institutions (2013-2022) (\$MN)

136 RoW Biometrics and Identity Management Market, By Consumer Electronics (2013-2022) (\$MN)

137 RoW Biometrics and Identity Management Market, By Government (2013-2022) (\$MN)

138 RoW Biometrics and Identity Management Market, By Healthcare (2013-2022) (\$MN)

139 RoW Biometrics and Identity Management Market, By Border Control and Airport Security (2013-2022) (\$MN)

140 RoW Biometrics and Identity Management Market, By Law Enforcement (2013-2022) (\$MN)



## I would like to order

Product name: Biometrics and Identity Management - Global Market Outlook (2015-2022)

Product link: <https://marketpublishers.com/r/B909C9D971BEN.html>

Price: US\$ 4,150.00 (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/B909C9D971BEN.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