

Behavioral Biometrics Market Forecasts to 2028 – Global Analysis By Component (Services, Software), Authentication Level (Multi-Factor, Single Factor), Deployment Model (Cloud, On-Premises, Hosted, Hybrid), Type (Passive, Active), and By Geography

<https://marketpublishers.com/r/B682E491EFD0EN.html>

Date: September 2021

Pages: 150

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

ID: B682E491EFD0EN

Abstracts

According to Statistics MRC, the Global Behavioral Biometrics market is accounted for \$1,229.81 million in 2020 and is expected to reach \$6,075.22 million by 2028 growing at a CAGR of 22.1% during the forecast period. Some of the key factors propelling the market growth include the growing instances of cybercrime such as identity theft and financial crimes, the rise in online transactions and fraudulent activities, growth in applications of biometric technology in the commercial and government sectors, growing requirement of multi-layered security systems, and the development of the Internet of Things (IoT) landscape. However, low cybersecurity budget and high installation cost of the behavioral biometrics software is likely to hinder growth of the market.

Behavioral biometrics is a type of security system based on unique identifying and measurable human activity patterns, and their use to authenticate an individual computer user, either in real-time or with hindsight. It is disparity than physical biometrics as it is based on iris pattern or fingerprint. It requires additional software, and can incorporate with existing hardware. Behavioral biometrics is currently installed in online banking, e-commerce, payments, and high-security authentication markets.

By organization size, the large enterprises segment is expected to grow at a significant rate during the forecast period, due to the focus on implementing behavioral biometrics in their business applications to improve customer loyalty and reduce overall infrastructure costs, large enterprises allows to meet the increasingly stringent

cybersecurity regulations and standards, and growing advances in technology and technology-driven business models.

On the basis of geography, Asia Pacific region is projected to have considerable market growth during the forecast period, owing to the increased per capita income, rise in the overall investments in the BB software to change the business processes in the finance industry, rapid urbanization and industrialization, and growing proliferation of mobile payment and real-time payment platforms across the region has increased fraud events.

Some of the key players in Behavioral Biometrics Market include IBM Corporation, Fair Isaac Corporation, Plurilock Security Solutions, Inc., Nuance Communications, Inc., Samsung Electronics Co., Ltd., BehavioSec Inc., SecuredTouch, Inc., Mastercard Incorporated, NEC Corporation, BioCatch Ltd, Zighra Inc., UnifyID Inc., Gemalto Inc., Thales Group, AimBrain Solutions Ltd., Callsign Inc., and Pinn Technologies, Inc.

Components Covered:

Services

Software

Authentication Levels Covered:

Multi-Factor

Single Factor

Deployment Models Covered:

Cloud

On-Premises

Hosted

Hybrid

Techniques Covered:

Gait Analysis

Voice Recognition

Keyboard Dynamics

Palm Recognition

Signature Analysis

Lip Movement

Gesture Recognition

Iris/Retinal Recognition

Fingerprint Recognition

Vein Recognition

Face Recognition

Organization Sizes Covered:

Large Enterprises

Small and Medium-Sized Enterprises (SMEs)

Types Covered:

Passive

Active

Sales Channels Covered:

Distributor

Direct Sales

Applications Covered:

Fraud Detection and Prevention Management

Identity and Access Management

Risk and Compliance Management

Continuous Authentication

Payment

Data Protection

Voter Registration

Border Control

Latent Print Matching

National Identity (ID)

Public Safety

E-Passport

Emulation and Non-Human Behavior Detection

End Users Covered:

Retail

Government, Law Enforcement, and Public Services

Casino

Forensic

Criminal

Sports

Speech Analytics

Healthcare and Welfare

Information Technology (IT) & Telecommunications

Banking, Financial Services, and Insurance (BFSI)

Automotive (Car Lock Systems)

Consumer Electronics

Call Center

Manufacturing

Media and Entertainment

Military & Defense

Energy and Utilities

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

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

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis, etc.

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

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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 End User Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

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 BEHAVIORAL BIOMETRICS MARKET, BY COMPONENT

- 5.1 Introduction
- 5.2 Services
 - 5.2.1 Professional Services
 - 5.2.1.1 Support and Maintenance
 - 5.2.1.2 Consulting
 - 5.2.2 Managed Services
- 5.3 Software

6 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY AUTHENTICATION LEVEL

- 6.1 Introduction
- 6.2 Multi-Factor
- 6.3 Single Factor

7 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY DEPLOYMENT MODEL

- 7.1 Introduction
- 7.2 Cloud
- 7.3 On-Premises
- 7.4 Hosted
- 7.5 Hybrid

8 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY TECHNIQUE

- 8.1 Introduction
- 8.2 Gait Analysis
 - 8.2.1 One to Many Verification
 - 8.2.2 One to One Verification
- 8.3 Voice Recognition
- 8.4 Keyboard Dynamics
 - 8.4.1 Dynamic verification (Free text mode)
 - 8.4.1.1 Periodic Monitoring
 - 8.4.1.2 Pattern Regardless of the Typed Text
 - 8.4.2 Static Verification (Fixed Text Mode)
 - 8.4.2.1 Login time
 - 8.4.2.2 Password Typing Rhythm
- 8.5 Palm Recognition

- 8.6 Signature Analysis
- 8.7 Lip Movement
 - 8.7.1 Shape Based Model
 - 8.7.2 Appearance Based Model
 - 8.7.3 Point Distribution Model
- 8.8 Gesture Recognition
- 8.9 Iris/Retinal Recognition
- 8.10 Fingerprint Recognition
- 8.11 Vein Recognition
- 8.12 Face Recognition

9 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY ORGANIZATION SIZE

- 9.1 Introduction
- 9.2 Large Enterprises
- 9.3 Small and Medium-Sized Enterprises (SMEs)

10 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY TYPE

- 10.1 Introduction
- 10.2 Passive
- 10.3 Active

11 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY SALES CHANNEL

- 11.1 Introduction
- 11.2 Distributor
- 11.3 Direct Sales

12 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY APPLICATION

- 12.1 Introduction
- 12.2 Fraud Detection and Prevention Management
- 12.3 Identity and Access Management
- 12.4 Risk and Compliance Management
- 12.5 Continuous Authentication
- 12.6 Payment
- 12.7 Data Protection
- 12.8 Voter Registration

- 12.9 Border Control
- 12.10 Latent Print Matching
- 12.11 National Identity (ID)
- 12.12 Public Safety
- 12.13 E-Passport
- 12.14 Emulation and Non-Human Behavior Detection

13 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY END USER

- 13.1 Introduction
- 13.2 Retail
- 13.3 Government, Law Enforcement, and Public Services
 - 13.3.1 Foreign trade
 - 13.3.2 E-Procurement
 - 13.3.3 Patent office
 - 13.3.4 Driving License
- 13.4 Casino
- 13.5 Forensic
- 13.6 Criminal
- 13.8 Sports
- 13.9 Speech Analytics
- 13.10 Healthcare and Welfare
- 13.11 Information Technology (IT) & Telecommunications
- 13.12 Banking, Financial Services, and Insurance (BFSI)
 - 13.12.1 E-Commerce
 - 13.12.2 Online Banking
 - 13.12.3 E-Mail
- 13.13 Automotive (Car Lock Systems)
- 13.14 Consumer Electronics
 - 13.14.1 Laptops
 - 13.14.2 Smartphones
- 13.15 Call Center
- 13.16 Manufacturing
- 13.17 Media and Entertainment
- 13.18 Military & Defense
- 13.19 Energy and Utilities
- 13.20 Other End Users
 - 13.20.1 Real Estate
 - 13.20.2 Education (Online Education)

13.20.3 Travel and Hospitality

14 GLOBAL BEHAVIORAL BIOMETRICS MARKET, BY GEOGRAPHY

14.1 Introduction

14.2 North America

14.2.1 US

14.2.2 Canada

14.2.3 Mexico

14.3 Europe

14.3.1 Germany

14.3.2 UK

14.3.3 Italy

14.3.4 France

14.3.5 Spain

14.3.6 Rest of Europe

14.4 Asia Pacific

14.4.1 Japan

14.4.2 China

14.4.3 India

14.4.4 Australia

14.4.5 New Zealand

14.4.6 South Korea

14.4.7 Rest of Asia Pacific

14.5 South America

14.5.1 Argentina

14.5.2 Brazil

14.5.3 Chile

14.5.4 Rest of South America

14.6 Middle East & Africa

14.6.1 Saudi Arabia

14.6.2 UAE

14.6.3 Qatar

14.6.4 South Africa

14.6.5 Rest of Middle East & Africa

15 KEY DEVELOPMENTS

15.1 Agreements, Partnerships, Collaborations and Joint Ventures

- 15.2 Acquisitions & Mergers
- 15.3 New Product Launch
- 15.4 Expansions
- 15.5 Other Key Strategies

16 COMPANY PROFILING

- 16.1 IBM Corporation
- 16.2 Fair Isaac Corporation
- 16.3 Plurilock Security Solutions, Inc.
- 16.4 Nuance Communications, Inc.
- 16.5 Samsung Electronics Co., Ltd.
- 16.6 BehavioSec Inc.
- 16.7 SecuredTouch, Inc.
- 16.8 Mastercard Incorporated
- 16.9 NEC Corporation
- 16.10 BioCatch Ltd
- 16.11 Zighra Inc.
- 16.12 UnifyID Inc.
- 16.13 Gemalto Inc.
- 16.14 Thales Group
- 16.15 AimBrain Solutions Ltd.
- 16.16 Callsign Inc.
- 16.17 Pinn Technologies, Inc.

List Of Tables

LIST OF TABLES

Table 1 Global Behavioral Biometrics Market Outlook, By Region (2019-2028) (\$MN)

Table 2 Global Behavioral Biometrics Market Outlook, By Component (2019-2028) (\$MN)

Table 3 Global Behavioral Biometrics Market Outlook, By Services (2019-2028) (\$MN)

Table 4 Global Behavioral Biometrics Market Outlook, By Professional Services (2019-2028) (\$MN)

Table 5 Global Behavioral Biometrics Market Outlook, By Support and Maintenance (2019-2028) (\$MN)

Table 6 Global Behavioral Biometrics Market Outlook, By Consulting (2019-2028) (\$MN)

Table 7 Global Behavioral Biometrics Market Outlook, By Managed Services (2019-2028) (\$MN)

Table 8 Global Behavioral Biometrics Market Outlook, By Software (2019-2028) (\$MN)

Table 9 Global Behavioral Biometrics Market Outlook, By Authentication Level (2019-2028) (\$MN)

Table 10 Global Behavioral Biometrics Market Outlook, By Multi-Factor (2019-2028) (\$MN)

Table 11 Global Behavioral Biometrics Market Outlook, By Single Factor (2019-2028) (\$MN)

Table 12 Global Behavioral Biometrics Market Outlook, By Deployment Model (2019-2028) (\$MN)

Table 13 Global Behavioral Biometrics Market Outlook, By Cloud (2019-2028) (\$MN)

Table 14 Global Behavioral Biometrics Market Outlook, By On-Premises (2019-2028) (\$MN)

Table 15 Global Behavioral Biometrics Market Outlook, By Hosted (2019-2028) (\$MN)

Table 16 Global Behavioral Biometrics Market Outlook, By Hybrid (2019-2028) (\$MN)

Table 17 Global Behavioral Biometrics Market Outlook, By Technique (2019-2028) (\$MN)

Table 18 Global Behavioral Biometrics Market Outlook, By Gait Analysis (2019-2028) (\$MN)

Table 19 Global Behavioral Biometrics Market Outlook, By One to Many Verification (2019-2028) (\$MN)

Table 20 Global Behavioral Biometrics Market Outlook, By One to One Verification (2019-2028) (\$MN)

Table 21 Global Behavioral Biometrics Market Outlook, By Voice Recognition

(2019-2028) (\$MN)

Table 22 Global Behavioral Biometrics Market Outlook, By Keyboard Dynamics

(2019-2028) (\$MN)

Table 23 Global Behavioral Biometrics Market Outlook, By Dynamic verification (Free text mode) (2019-2028) (\$MN)

Table 24 Global Behavioral Biometrics Market Outlook, By Static Verification (Fixed Text Mode) (2019-2028) (\$MN)

Table 25 Global Behavioral Biometrics Market Outlook, By Palm Recognition (2019-2028) (\$MN)

Table 26 Global Behavioral Biometrics Market Outlook, By Signature Analysis (2019-2028) (\$MN)

Table 27 Global Behavioral Biometrics Market Outlook, By Lip Movement (2019-2028) (\$MN)

Table 28 Global Behavioral Biometrics Market Outlook, By Shape Based Model (2019-2028) (\$MN)

Table 29 Global Behavioral Biometrics Market Outlook, By Appearance Based Model (2019-2028) (\$MN)

Table 30 Global Behavioral Biometrics Market Outlook, By Point Distribution Model (2019-2028) (\$MN)

Table 31 Global Behavioral Biometrics Market Outlook, By Gesture Recognition (2019-2028) (\$MN)

Table 32 Global Behavioral Biometrics Market Outlook, By Iris/Retinal Recognition (2019-2028) (\$MN)

Table 33 Global Behavioral Biometrics Market Outlook, By Fingerprint Recognition (2019-2028) (\$MN)

Table 34 Global Behavioral Biometrics Market Outlook, By Vein Recognition (2019-2028) (\$MN)

Table 35 Global Behavioral Biometrics Market Outlook, By Face Recognition (2019-2028) (\$MN)

Table 36 Global Behavioral Biometrics Market Outlook, By Organization Size (2019-2028) (\$MN)

Table 37 Global Behavioral Biometrics Market Outlook, By Large Enterprises (2019-2028) (\$MN)

Table 38 Global Behavioral Biometrics Market Outlook, By Small and Medium-Sized Enterprises (SMEs) (2019-2028) (\$MN)

Table 39 Global Behavioral Biometrics Market Outlook, By Type (2019-2028) (\$MN)

Table 40 Global Behavioral Biometrics Market Outlook, By Passive (2019-2028) (\$MN)

Table 41 Global Behavioral Biometrics Market Outlook, By Active (2019-2028) (\$MN)

Table 42 Global Behavioral Biometrics Market Outlook, By Sales Channel (2019-2028)

(\$MN)

Table 43 Global Behavioral Biometrics Market Outlook, By Distributor (2019-2028)

(\$MN)

Table 44 Global Behavioral Biometrics Market Outlook, By Direct Sales (2019-2028)

(\$MN)

Table 45 Global Behavioral Biometrics Market Outlook, By Application (2019-2028)

(\$MN)

Table 46 Global Behavioral Biometrics Market Outlook, By Fraud Detection and Prevention Management (2019-2028) (\$MN)

Table 47 Global Behavioral Biometrics Market Outlook, By Identity and Access Management (2019-2028) (\$MN)

Table 48 Global Behavioral Biometrics Market Outlook, By Risk and Compliance Management (2019-2028) (\$MN)

Table 49 Global Behavioral Biometrics Market Outlook, By Continuous Authentication (2019-2028) (\$MN)

Table 50 Global Behavioral Biometrics Market Outlook, By Payment (2019-2028) (\$MN)

Table 51 Global Behavioral Biometrics Market Outlook, By Data Protection (2019-2028) (\$MN)

Table 52 Global Behavioral Biometrics Market Outlook, By Voter Registration (2019-2028) (\$MN)

Table 53 Global Behavioral Biometrics Market Outlook, By Border Control (2019-2028) (\$MN)

Table 54 Global Behavioral Biometrics Market Outlook, By Latent Print Matching (2019-2028) (\$MN)

Table 55 Global Behavioral Biometrics Market Outlook, By National Identity (ID) (2019-2028) (\$MN)

Table 56 Global Behavioral Biometrics Market Outlook, By Public Safety (2019-2028) (\$MN)

Table 57 Global Behavioral Biometrics Market Outlook, By E-Passport (2019-2028) (\$MN)

Table 58 Global Behavioral Biometrics Market Outlook, By Emulation and Non-Human Behavior Detection (2019-2028) (\$MN)

Table 59 Global Behavioral Biometrics Market Outlook, By End User (2019-2028) (\$MN)

Table 60 Global Behavioral Biometrics Market Outlook, By Retail (2019-2028) (\$MN)

Table 61 Global Behavioral Biometrics Market Outlook, By Government, Law Enforcement, and Public Services (2019-2028) (\$MN)

Table 62 Global Behavioral Biometrics Market Outlook, By Foreign Trade (2019-2028) (\$MN)

Table 63 Global Behavioral Biometrics Market Outlook, By E-Procurement (2019-2028) (\$MN)

Table 64 Global Behavioral Biometrics Market Outlook, By Patent office (2019-2028) (\$MN)

Table 65 Global Behavioral Biometrics Market Outlook, By Driving License (2019-2028) (\$MN)

Table 66 Global Behavioral Biometrics Market Outlook, By Casino (2019-2028) (\$MN)

Table 67 Global Behavioral Biometrics Market Outlook, By Forensic (2019-2028) (\$MN)

Table 68 Global Behavioral Biometrics Market Outlook, By Criminal (2019-2028) (\$MN)

Table 69 Global Behavioral Biometrics Market Outlook, By Sports (2019-2028) (\$MN)

Table 70 Global Behavioral Biometrics Market Outlook, By Speech Analytics (2019-2028) (\$MN)

Table 71 Global Behavioral Biometrics Market Outlook, By Healthcare and Welfare (2019-2028) (\$MN)

Table 72 Global Behavioral Biometrics Market Outlook, By Information Technology (IT) & Telecommunications (2019-2028) (\$MN)

Table 73 Global Behavioral Biometrics Market Outlook, By Banking, Financial Services, and Insurance (BFSI) (2019-2028) (\$MN)

Table 74 Global Behavioral Biometrics Market Outlook, By E-Commerce (2019-2028) (\$MN)

Table 75 Global Behavioral Biometrics Market Outlook, By Online Banking (2019-2028) (\$MN)

Table 76 Global Behavioral Biometrics Market Outlook, By E-Mail (2019-2028) (\$MN)

Table 77 Global Behavioral Biometrics Market Outlook, By Automotive (Car Lock Systems) (2019-2028) (\$MN)

Table 78 Global Behavioral Biometrics Market Outlook, By Consumer Electronics (2019-2028) (\$MN)

Table 79 Global Behavioral Biometrics Market Outlook, By Laptops (2019-2028) (\$MN)

Table 80 Global Behavioral Biometrics Market Outlook, By Smartphones (2019-2028) (\$MN)

Table 81 Global Behavioral Biometrics Market Outlook, By Call Center (2019-2028) (\$MN)

Table 82 Global Behavioral Biometrics Market Outlook, By Manufacturing (2019-2028) (\$MN)

Table 83 Global Behavioral Biometrics Market Outlook, By Media and Entertainment (2019-2028) (\$MN)

Table 84 Global Behavioral Biometrics Market Outlook, By Military & Defense (2019-2028) (\$MN)

Table 85 Global Behavioral Biometrics Market Outlook, By Energy and Utilities

(2019-2028) (\$MN)

Table 86 Global Behavioral Biometrics Market Outlook, By Other End Users

(2019-2028) (\$MN)

Table 87 Global Behavioral Biometrics Market Outlook, By Real Estate (2019-2028)

(\$MN)

Table 88 Global Behavioral Biometrics Market Outlook, By Education (Online Education) (2019-2028) (\$MN)

Table 89 Global Behavioral Biometrics Market Outlook, By Travel and Hospitality (2019-2028) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

I would like to order

Product name: Behavioral Biometrics Market Forecasts to 2028 – Global Analysis By Component (Services, Software), Authentication Level (Multi-Factor, Single Factor), Deployment Model (Cloud, On-Premises, Hosted, Hybrid), Type (Passive, Active), and By Geography

Product link: <https://marketpublishers.com/r/B682E491EFD0EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B682E491EFD0EN.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