

# **Contactless Biometric Market: Segmented: By Technology (Contactless Fingerprint Technology, Facial Recognition, Iris Recognition, Palm Vein Recognition, Voice Recognition, and Contactless Cards), By Applications (Identity Verification, Payments & Transactions, and Access Control), By Offering (Hardware, Software, and Services), and By Industry Vertical (BFSI, Government, Healthcare, Military & Defense, Retail, Education, Hospitality, and Automotive), And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031**

<https://marketpublishers.com/r/CBA4DC69B527EN.html>

Date: June 2022

Pages: 254

Price: US\$ 4,950.00 (Single User License)

ID: CBA4DC69B527EN

## **Abstracts**

[ 170 + Pages Research Report ] Contactless Biometric Market to surpass USD 74.3 billion by 2031 from USD 16.7 billion in 2021 at a CAGR of 16.1% in the coming years, i.e., 2021-2031.

### Product Overview

Contactless Biometrics are a type of technology that recognizes and collect data a person's physical and behavioral characteristics through retina and iris scanning, speech recognition, facial patterns, and bodily movement, including gait. In Contactless Biometrics no physical contact required with the device. Contactless biometrics technology is a highly accurate and consistent solution for personal biometric identification that is used for staff administration, registration, and time attendance.

## Market Highlights

The global Contactless Biometric Market is expected to register a notable CAGR of 16.1% by 2031

Factors such as the rise of contactless payment systems in both developed and developing countries, enhanced user convenience, and rapid technical advancements are driving the industry. Furthermore, due to the expanding usage of smartphones for shopping in developed nations, the growing demand for secure data transactions, and the increasing use of biometric cards for payment applications, the market will rise at a significant rate throughout the projected period.

## Global Contactless Biometric Market: Segments

Payment segment to grow with the highest CAGR during 2021-31

Based on Offering, the Global Contactless Biometric Market is fragmented into Hardware, Software, and Services. Over the projection period, the Software segment is expected to develop faster. Manufacturers are designing contactless biometric high-tech sensor systems for quick and safe identification verification using fast software algorithms and machine-learning technologies. Growing usage of cloud-based services, AI, and Machine Learning for contactless biometrics solutions is predicted to increase demand for software to improve device compatibility for various applications.

Government segment is anticipated to lead the market with the highest CAGR during 2021-31

By Industry Vertical, the Global Contactless Biometric Market is divided into BFSI, Government, Healthcare, Military & Defense, Retail, Education, Hospitality, and Automotive. Government segment accounted for the largest market share of the global contactless biometric market. Governments throughout the world are increasingly using contactless biometrics technology to reduce and regulate criminal activity.

## Market Dynamics

### Drivers

Speedy proliferation of the internet and increasing use of digital payments

The rapid rise of the internet and the availability of mobile devices has increased mobile payments. Over the next few years, this way of payment is expected to develop significantly. Individuals are increasingly opting for digital payments over cash

payments. Contactless biometrics also encrypts app access and authenticates purchases. This, in turn, has aided in the expansion of the global Contactless Biometric market.

Growing adoption of contactless technology in various industry verticals

The contactless biometrics technology market is likely to be driven by high biometrics adoption rates in the healthcare sector. Furthermore, the worldwide contactless biometrics technology market is predicted to grow due to the widespread use of touchless biometrics systems in government and military applications.

Restraint

The high cost associated with implementing

The high cost of installing contactless biometrics solutions is a significant constraining factor that will have a negative influence on the Contactless Biometrics Technology Market's growth.

Global Contactless Biometric Market: Key Players

Touchless Biometric Systems AG

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

IDEMIA SAS

NViaSoft

Fujitsu Limited

NEC Corporation

Gemalto N.V

Aware Inc.

HID Global

M2SYS Technology

Neurotechnology

Assa Abloy AB

Other Prominent Players

Global Contactless Biometric Market: Regions

Global Contactless Biometric Market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. During the projected period, North America is expected to develop at the

fastest CAGR. Various market vendors are currently integrating biometric technology and will have a truly disruptive offering that will allow the region's banking customer base to be significantly expanded and integrated with various end-users.

#### Impact of COVID-19 on Global Contactless Biometric Market

The COVID-19 epidemic has accelerated the development and implementation of contactless biometrics technologies. With the spread of this fatal illness over the world, organizations, institutions, and governments are increasingly focused on cleanliness. Contactless biometrics technology is critical for verifying personal identities and giving access restrictions to users without requiring physical touch with the security infrastructure. Aside from that, governments all around the world have stepped up efforts to implement contactless biometrics technology in order to respond quickly to the COVID-19 situation.

Global Contactless Biometric Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Russia, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, South East Asia, Australia, and Rest of Asia Pacific

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – GCC, Turkey, South Africa, and Rest of Middle East and Africa

Global Contactless Biometric Market report also contains an analysis on:

Global Contactless Biometric Market Segments:

By Technology

Contactless Fingerprint Technology

Facial Recognition

Iris Recognition

Palm Vein Recognition

Voice Recognition

Contactless Cards

By Applications

Identity Verification

Payments & Transactions

Access Control  
By Offering  
Hardware  
Software  
Services  
By Industry Vertical  
BFSI  
Government  
Healthcare  
Military & Defense  
Retail, Education  
Hospitality  
Automotive  
Global Contactless Biometric Market Dynamics  
Global Contactless Biometric Market Size  
Supply & Demand  
Current Trends/Issues/Challenges  
Competition & Companies Involved in the Market  
Value Chain of the Market  
Market Drivers and Restraints  
Global Contactless Biometric Market Report Scope and Segmentation  
Report Attribute Details  
Market size value in 2021 USD 16.7 billion  
Revenue forecast in 2031 USD 74.3 billion  
Growth Rate

CAGR of 16.1% from 2021 to 2031

Base year for estimation CAGR of 16.1% from 2021 to 2031

Quantitative units Revenue in USD million and CAGR from 2021 to 2031

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Technology, Applications, Offering, Industry Vertical , and Region  
Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled IDEMIA SAS, NViaSoft, Fujitsu Limited, NEC Corporation, Gemalto N.V, Aware Inc., HID Global, M2SYS Technology, Neurotechnology, Assa Abloy AB.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL CONTACTLESS BIOMETRIC MARKET**

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

### **3. RESEARCH METHODOLOGY**

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

### **4. AVERAGE PRICING ANALYSIS**

### **5. MACRO-ECONOMIC INDICATORS**

### **6. MARKET DYNAMICS**

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

### **7. CORRELATION & REGRESSION ANALYSIS**

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

### **8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE**

### **9. RISK ANALYSIS**

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

## **10. GLOBAL CONTACTLESS BIOMETRIC MARKET ANALYSIS**

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

## **11. GLOBAL CONTACTLESS BIOMETRIC MARKET**

11.1. Market Size & forecast, 2020A-2031F

11.1.1. By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

11.1.2. By Volume (Million Units) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

## **12. GLOBAL CONTACTLESS BIOMETRIC MARKET: MARKET SEGMENTATION**

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.2. Latin America: (Brazil, Mexico, Rest of Latin America), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, Russia, Rest of Europe), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, South East Asia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.1.5. Middle East and Africa: (GCC, Turkey, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

12.2. By Technology: Market Share (2020-2031F)

12.2.1. Facial Recognition, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)



2021-2031F

12.2.2. Iris Recognition, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

12.2.3. Palm Vein Recognition, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

12.2.4. Voice Recognition, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

12.2.5. Contactless Cards, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

12.2.6. Contactless Fingerprint Technology, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

### **13. BY APPLICATION: MARKET SHARE (2020-2031F)**

13.1. Identity Verification, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

13.2. Payments & Transactions, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

13.3. Access Control, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

### **14. BY OFFERING: MARKET SHARE (2020-2031F)**

14.1. Hardware, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

14.2. Software, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

14.3. Services, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

### **15. BY INDUSTRY VERTICAL: MARKET SHARE (2020-2031F)**

15.1. BFSI, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

15.2. Retail, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

15.3. Government, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

15.4. Healthcare, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

15.5. Military & Defense, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%)

2021-2031F

15.6. Hospitality, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

15.7. Education, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F

15.8. Automotive, By Value (USD Million) 2020-2031F; Y-o-Y Growth (%) 2021-2031F



## **16. COMPANY PROFILE**

- 16.1. Touchless Biometric Systems AG
  - 16.1.1. Company Overview
  - 16.1.2. Company Total Revenue (Financials)
  - 16.1.3. Market Potential
  - 16.1.4. Global Presence
  - 16.1.5. Key Performance Indicators
  - 16.1.6. SWOT Analysis
  - 16.1.7. Product Launch
- 16.2. IDEMIA SAS
- 16.3. NViaSoft
- 16.4. Fujitsu Limited
- 16.5. NEC Corporation
- 16.6. Gemalto N.V, Aware Inc.
- 16.7. HID Global
- 16.8. M2SYS Technology
- 16.9. Neurotechnology
- 16.10. Assa Abloy AB
- 16.11. Other Prominent Players

## **17. CONSULTANT RECOMMENDATION**

17.1.1. The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

## I would like to order

Product name: Contactless Biometric Market: Segmented: By Technology (Contactless Fingerprint Technology, Facial Recognition, Iris Recognition, Palm Vein Recognition, Voice Recognition, and Contactless Cards), By Applications (Identity Verification, Payments & Transactions, and Access Control), By Offering (Hardware, Software, and Services), and By Industry Vertical (BFSI, Government, Healthcare, Military & Defense, Retail, Education, Hospitality, and Automotive), And Region – Global Analysis of Market Size, Share & Trends For 2019–2021 And Forecasts To 2031

Product link: <https://marketpublishers.com/r/CBA4DC69B527EN.html>

Price: US\$ 4,950.00 (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/CBA4DC69B527EN.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