

# **Fingerprint Biometrics Market Size, Share, and Outlook, 2025 Report- By Matching Method (Minutiae-Based Matching, Pattern Matching), By End-User (Government, BFSI, Healthcare & Research Lab, Transit, Others), By Technique (AFIS Technology, Non-AFIS Technology), By Sensor (Optical, Capacitive, Ultrasound, Thermal), 2018-2032**

<https://marketpublishers.com/r/FCCB0783ED1AEN.html>

Date: April 2025

Pages: 168

Price: US\$ 3,680.00 (Single User License)

ID: FCCB0783ED1AEN

## **Abstracts**

### **Fingerprint Biometrics Market Outlook**

The Fingerprint Biometrics Market size is expected to register a growth rate of 18.7% during the forecast period from \$48.82 Billion in 2025 to \$162.1 Billion in 2032. The Fingerprint Biometrics market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Fingerprint Biometrics segments across 22 countries from 2021 to 2032. Key segments in the report include By Matching Method (Minutiae-Based Matching, Pattern Matching), By End-User (Government, BFSI, Healthcare & Research Lab, Transit, Others), By Technique (AFIS Technology, Non-AFIS Technology), By Sensor (Optical, Capacitive, Ultrasound, Thermal). Over 70 tables and charts showcase findings from our latest survey report on Fingerprint Biometrics markets.

### **Fingerprint Biometrics Market Insights, 2025**

The global fingerprint biometrics market is expanding beyond security applications into financial transactions, healthcare access, and mobile authentication. Apple's Touch ID

and similar fingerprint sensors in Android devices are leading adoption in consumer electronics, while enterprises are using biometrics for secure access control and workforce management. Companies like Synaptics, Fingerprint Cards, and Thales are driving advancements in under-display and ultrasonic fingerprint sensors, enhancing security in high-risk environments. With growing concerns over identity theft and fraud, biometric authentication is becoming a critical element in digital banking, travel security, and IoT device protection.

### Five Trends that will define global Fingerprint Biometrics market in 2025 and Beyond

A closer look at the multi-million market for Fingerprint Biometrics identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Fingerprint Biometrics companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Fingerprint Biometrics vendors.

### What are the biggest opportunities for growth in the Fingerprint Biometrics industry?

The Fingerprint Biometrics sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

### Fingerprint Biometrics Market Segment Insights

The Fingerprint Biometrics industry presents strong offers across categories. The analytical report offers forecasts of Fingerprint Biometrics industry performance across segments and countries. Key segments in the industry include%li%By Matching Method (Minutiae-Based Matching, Pattern Matching), By End-User (Government, BFSI, Healthcare & Research Lab, Transit, Others), By Technique (AFIS Technology, Non-AFIS Technology), By Sensor (Optical, Capacitive, Ultrasound, Thermal). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Fingerprint Biometrics market size outlook is provided for 22 countries across these regions.

### Market Value Chain

The chapter identifies potential companies and their operations across the global Fingerprint Biometrics industry ecosystem. It assists decision-makers in evaluating global Fingerprint Biometrics market fundamentals, market dynamics, and disruptive trends across the value chain segments.

### Scenario Analysis and Forecasts

Strategic decision-making in the Fingerprint Biometrics industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

### Asia Pacific Fingerprint Biometrics Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

### The State of Europe Fingerprint Biometrics Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Fingerprint Biometrics with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future.

Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Fingerprint Biometrics market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Fingerprint Biometrics market Insights%li%Vendors are exploring new opportunities within the US Fingerprint Biometrics industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Fingerprint Biometrics companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Fingerprint Biometrics market.

Latin American Fingerprint Biometrics market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Fingerprint Biometrics Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Fingerprint Biometrics markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Fingerprint Biometrics markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of

growth.

## Competitive Landscape%li%How Fingerprint Biometrics companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include Anviz Global., Apple Inc, BIO-key International Inc, Centrify, Fischer Identity, GreenBit Biometric Systems, HID Global, Identity Automation, ImageWare Systems, Lockheed Martin, M2SYS Technology, NEC Corp.

### Fingerprint Biometrics Market Segmentation

#### By Matching Method

##### Minutiae-Based Matching

##### Pattern Matching

#### By End-User

##### Government

##### BFSI

##### Healthcare & Research Lab

##### Transit

##### Others

#### By Technique

##### AFIS Technology

Non-AFIS Technology

By Sensor

Optical

Capacitive

Ultrasound

Thermal

Leading Companies

Anviz Global.

Apple Inc

BIO-key International Inc

Centrify

Fischer Identity

GreenBit Biometric Systems

HID Global

Identity Automation

ImageWare Systems

Lockheed Martin

M2SYS Technology

NEC Corp

Reasons to Buy the report

*Fingerprint Biometrics Market Size, Share, and Outlook, 2025 Report- By Matching Method (Minutiae-Based Matchi...*

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

## Contents

### 1. TABLE OF CONTENTS

List of Figures and Tables

### 2. EXECUTIVE SUMMARY

#### 2.1 Key Highlights

2.1.1 Fingerprint Biometrics Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Fingerprint Biometrics Market Types and Applications

2.1.3 Fastest Growing Segments

2.1.4 Potential Markets

2.1.5 Market Concentration

#### 2.2 Market Scope and Segmentation

2.2.1 Market Scope- Segments

2.2.2 Market Scope- Countries

2.2.3 Macroeconomic and Demographic Outlook

2.2.4 Abbreviations

2.2.5 Units and Currency Conversions

### 3. RESEARCH METHODOLOGY

#### 3.1 Primary Research Surveys

#### 3.2 Secondary Data Sources

#### 3.3 Data Triangulation

#### 3.4 Forecast Methodology

#### 3.5 Assumptions and Limitations

### 4. INTRODUCTION TO GLOBAL FINGERPRINT BIOMETRICS MARKET IN 2025

#### 4.1 Industry Panorama

#### 4.2 Leading Companies Profiled in the Study

#### 4.3 Asia Pacific Markets offer Robust Market Prospects for New Entrants

#### 4.4 Market Dynamics

4.4.1 Market Dynamics- Trends and Drivers

4.4.2 Market Dynamics- Opportunities and Challenges

#### 4.5 Regional Analysis

#### 4.6 Porter's Five Force Analysis



- 4.6.1 Intensity of Competitive Rivalry
- 4.6.2 Threat of New Entrants
- 4.6.3 Threat of Substitutes
- 4.6.4 Bargaining Power of Buyers
- 4.6.5 Bargaining Power of Suppliers
- 4.7 Fingerprint Biometrics Industry Value Chain Analysis
  - 4.7.1 Stage of Value Chain
  - 4.7.2 Key Activities of Companies
  - 4.7.3 Companies Included in Each Stage
  - 4.7.4 Key Insights

## **5. FINGERPRINT BIOMETRICS MARKET OUTLOOK TO 2032**

- 5.1 Market Size Forecast by Type, 2021-2024 and 2025-2032
- 5.2 Market Size Forecast by Application, 2021-2024 and 2024-2032
- 5.3 Market Size Forecast by Geography, 2021-2024 and 2024-2032

### **By Matching Method**

#### **Minutiae-Based Matching**

#### **Pattern Matching**

#### **By End-User**

#### **Government**

#### **BFSI**

#### **Healthcare & Research Lab**

#### **Transit**

#### **Others**

#### **By Technique**

#### **AFIS Technology**

#### **Non-AFIS Technology**

#### **By Sensor**

#### **Optical**

#### **Capacitive**

#### **Ultrasound**

#### **Thermal**

## **6. GLOBAL FINGERPRINT BIOMETRICS MARKET OUTLOOK ACROSS GROWTH SCENARIOS**

### **6.1 Low Growth Scenario**

### **6.2 Base/Reference Case**

## **6.3 High Growth Scenario**

# **6. NORTH AMERICA FINGERPRINT BIOMETRICS MARKET SIZE OUTLOOK**

## **6.1 Key Market Statistics, 2024**

## **6.2 North America Fingerprint Biometrics Market Trends and Growth Opportunities**

### **6.2.1 North America Fingerprint Biometrics Market Outlook by Type**

### **6.2.2 North America Fingerprint Biometrics Market Outlook by Application**

## **6.3 North America Fingerprint Biometrics Market Outlook by Country**

### **6.3.1 The US Fingerprint Biometrics Market Outlook, 2021- 2032**

### **6.3.2 Canada Fingerprint Biometrics Market Outlook, 2021- 2032**

### **6.3.3 Mexico Fingerprint Biometrics Market Outlook, 2021- 2032**

# **7. EUROPE FINGERPRINT BIOMETRICS MARKET SIZE OUTLOOK**

## **7.1 Key Market Statistics, 2024**

## **7.2 Europe Fingerprint Biometrics Market Trends and Growth Opportunities**

### **7.2.1 Europe Fingerprint Biometrics Market Outlook by Type**

### **7.2.2 Europe Fingerprint Biometrics Market Outlook by Application**

## **7.3 Europe Fingerprint Biometrics Market Outlook by Country**

### **7.3.2 Germany Fingerprint Biometrics Market Outlook, 2021- 2032**

### **7.3.3 France Fingerprint Biometrics Market Outlook, 2021- 2032**

### **7.3.4 The UK Fingerprint Biometrics Market Outlook, 2021- 2032**

### **7.3.5 Spain Fingerprint Biometrics Market Outlook, 2021- 2032**

### **7.3.6 Italy Fingerprint Biometrics Market Outlook, 2021- 2032**

### **7.3.7 Russia Fingerprint Biometrics Market Outlook, 2021- 2032**

### **7.3.8 Rest of Europe Fingerprint Biometrics Market Outlook, 2021- 2032**

# **8. ASIA PACIFIC FINGERPRINT BIOMETRICS MARKET SIZE OUTLOOK**

## **8.1 Key Market Statistics, 2024**

## **8.2 Asia Pacific Fingerprint Biometrics Market Trends and Growth Opportunities**

### **8.2.1 Asia Pacific Fingerprint Biometrics Market Outlook by Type**

### **8.2.2 Asia Pacific Fingerprint Biometrics Market Outlook by Application**

## **8.3 Asia Pacific Fingerprint Biometrics Market Outlook by Country**

### **8.3.1 China Fingerprint Biometrics Market Outlook, 2021- 2032**

### **8.3.2 India Fingerprint Biometrics Market Outlook, 2021- 2032**

### **8.3.3 Japan Fingerprint Biometrics Market Outlook, 2021- 2032**

- 8.3.4 South Korea Fingerprint Biometrics Market Outlook, 2021- 2032**
- 8.3.5 Australia Fingerprint Biometrics Market Outlook, 2021- 2032**
- 8.3.6 South East Asia Fingerprint Biometrics Market Outlook, 2021- 2032**
- 8.3.7 Rest of Asia Pacific Fingerprint Biometrics Market Outlook, 2021- 2032**

## **9. SOUTH AMERICA FINGERPRINT BIOMETRICS MARKET SIZE OUTLOOK**

### **9.1 Key Market Statistics, 2024**

### **9.2 South America Fingerprint Biometrics Market Trends and Growth Opportunities**

- 9.2.1 South America Fingerprint Biometrics Market Outlook by Type**
- 9.2.2 South America Fingerprint Biometrics Market Outlook by Application**

### **9.3 South America Fingerprint Biometrics Market Outlook by Country**

- 9.3.1 Brazil Fingerprint Biometrics Market Outlook, 2021- 2032**
- 9.3.2 Argentina Fingerprint Biometrics Market Outlook, 2021- 2032**
- 9.3.3 Rest of South and Central America Fingerprint Biometrics Market Outlook, 2021- 2032**

## **10. MIDDLE EAST AND AFRICA FINGERPRINT BIOMETRICS MARKET SIZE OUTLOOK**

### **10.1 Key Market Statistics, 2024**

### **10.2 Middle East and Africa Fingerprint Biometrics Market Trends and Growth Opportunities**

- 10.2.1 Middle East and Africa Fingerprint Biometrics Market Outlook by Type**
- 10.2.2 Middle East and Africa Fingerprint Biometrics Market Outlook by Application**

### **10.3 Middle East and Africa Fingerprint Biometrics Market Outlook by Country**

- 10.3.1 Saudi Arabia Fingerprint Biometrics Market Outlook, 2021- 2032**
- 10.3.2 The UAE Fingerprint Biometrics Market Outlook, 2021- 2032**
- 10.3.3 Rest of Middle East Fingerprint Biometrics Market Outlook, 2021- 2032**
- 10.3.4 South Africa Fingerprint Biometrics Market Outlook, 2021- 2032**
- 10.3.5 Egypt Fingerprint Biometrics Market Outlook, 2021- 2032**
- 10.3.6 Rest of Africa Fingerprint Biometrics Market Outlook, 2021- 2032**

## **11. COMPANY PROFILES**

### **11.1 Leading 10 Companies**

**Anviz Global.**

**Apple Inc**  
**BIO-key International Inc**  
**Centrify**  
**Fischer Identity**  
**GreenBit Biometric Systems**  
**HID Global**  
**Identity Automation**  
**ImageWare Systems**  
**Lockheed Martin**  
**M2SYS Technology**  
**NEC Corp**  
**11.2 Overview**  
**11.3 Products and Services**  
**11.4 SWOT Profile**

## **12. APPENDIX**

**12.1 Subscription Options**  
**12.2 Customization Options**  
**12.3 Publisher Details**

## I would like to order

Product name: Fingerprint Biometrics Market Size, Share, and Outlook, 2025 Report- By Matching Method (Minutiae-Based Matching, Pattern Matching), By End-User (Government, BFSI, Healthcare & Research Lab, Transit, Others), By Technique (AFIS Technology, Non-AFIS Technology), By Sensor (Optical, Capacitive, Ultrasound, Thermal), 2018-2032

Product link: <https://marketpublishers.com/r/FCCB0783ED1AEN.html>

Price: US\$ 3,680.00 (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/FCCB0783ED1AEN.html>