

Technology Landscape, Trends and Opportunities in the Biometric Market

<https://marketpublishers.com/r/T8697AFF4752EN.html>

Date: April 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: T8697AFF4752EN

Abstracts

Get it in 2 to 4 weeks by ordering today

The biometric market has undergone significant change in recent years, with biometric systems evolving from traditional fingerprint based identification to advanced face, voice, and vein recognition system. The rising wave of new identification technologies, such as iris, face, and voice recognition are creating significant potential in smartphone and wearable electronics applications, and driving the demand for biometric technology.

In biometric market, various identification technologies, such as fingerprint, automated fingerprint identification system (AFIS), iris recognition, facial recognition, hand geometry, vein recognition, signature recognition, and voice recognition are used for identification and access control for various applications. Increasing focus on safety and security in private and business sectors related to unauthorized access, growth in the e-passport program for personal identification, and growing adaptation of voice recognition systems in the banking and financial services sector are creating new opportunities for various biometric technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the biometric market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the biometric market by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 to 2030]:

Fingerprint

AFIS

Iris Recognition

Facial Recognition

Hand Geometry

Vein Recognition

Signature recognition

Voice Recognition

Others

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Public Sector

Fingerprint

AFIS

Iris Recognition

Facial Recognition

Hand Geometry

Vein Recognition

Signature recognition

Voice Recognition

Others

Banking and Financial Sector

Fingerprint

AFIS

Iris Recognition

Facial Recognition

Hand Geometry

Vein Recognition

Signature recognition

Voice Recognition

Others

Healthcare

Fingerprint

AFIS

Iris Recognition

Facial Recognition

Hand Geometry

Vein Recognition

Signature recognition

Voice Recognition

Others

IT and Telecommunication

Fingerprint

AFIS

Iris Recognition

Facial Recognition

Hand Geometry

Vein Recognition

Signature recognition

Voice Recognition

Others

Others

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018
t%li%2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Biometric Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the biometric companies profiled in this report include afran, NEC Corporation, 3M Cogent, Precise Biometrics, and Fujitsu Ltd.

This report answers following 9 key questions:

Technology Landscape, Trends and Opportunities in the Biometric Market

Q.1 What are some of the most promising and high-growth technology opportunities for the biometric market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in biometric market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in biometric market?

Q.6 What are the latest developments in biometric technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this biometric market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this biometric technology space?

Contents

1. EXECUTIVE SUMMARY

2. TECHNOLOGY LANDSCAPE

- 2.1. Technology Background and Evolution
- 2.2. Technology and Application Mapping
- 2.3. Supply Chain

3. TECHNOLOGY READINESS

- 3.1. Technology Commercialization and Readiness
- 3.2. Drivers and Challenges in Biometric Technologies
- 3.3. Competitive Intensity
- 3.4. Regulatory Compliance

4. TECHNOLOGY TRENDS AND H FORECASTS ANALYSIS FROM 2018-2030

- 4.1. Biometric Opportunity
- 4.2. Technology Trends (2018-2023) and Forecasts (2024-2030)
 - 4.2.1. Fingerprint
 - 4.2.2. AFIS
 - 4.2.3. Iris Recognition
 - 4.2.4. Facial Recognition
 - 4.2.5. Hand Geometry
 - 4.2.6. Vein Recognition
 - 4.2.7. Signature recognition
 - 4.2.8. Voice Recognition
 - 4.2.9. Others
- 4.3. Technology Trends (2018-2023) and Forecasts (2024-2030) by Application Segments
 - 4.3.1. Public Sector
 - 4.3.1.1. Fingerprint
 - 4.3.1.2. AFIS
 - 4.3.1.3. Iris Recognition
 - 4.3.1.4. Facial Recognition
 - 4.3.1.5. Hand Geometry
 - 4.3.1.6. Vein Recognition

- 4.3.1.7. Signature recognition
- 4.3.1.8. Voice Recognition
- 4.3.1.9. Others
- 4.3.2. Banking and Financial Sector
 - 4.3.2.1. Fingerprint
 - 4.3.2.2. AFIS
 - 4.3.2.3. Iris Recognition
 - 4.3.2.4. Facial Recognition
 - 4.3.2.5. Hand Geometry
 - 4.3.2.6. Vein Recognition
 - 4.3.2.7. Signature recognition
 - 4.3.2.8. Voice Recognition
 - 4.3.2.9. Others
- 4.3.3. Healthcare
 - 4.3.3.1. Fingerprint
 - 4.3.3.2. AFIS
 - 4.3.3.3. Iris Recognition
 - 4.3.3.4. Facial Recognition
 - 4.3.3.5. Hand Geometry
 - 4.3.3.6. Vein Recognition
 - 4.3.3.7. Signature recognition
 - 4.3.3.8. Voice Recognition
 - 4.3.3.9. Others
- 4.3.4. IT and Telecommunication
 - 4.3.4.1. Fingerprint
 - 4.3.4.2. AFIS
 - 4.3.4.3. Iris Recognition
 - 4.3.4.4. Facial Recognition
 - 4.3.4.5. Hand Geometry
 - 4.3.4.6. Vein Recognition
 - 4.3.4.7. Signature recognition
 - 4.3.4.8. Voice Recognition
 - 4.3.4.9. Others
- 4.3.5. Others
 - 4.3.5.1. Fingerprint
 - 4.3.5.2. AFIS
 - 4.3.5.3. Iris Recognition
 - 4.3.5.4. Facial Recognition
 - 4.3.5.5. Hand Geometry

- 4.3.5.6. Vein Recognition
- 4.3.5.7. Signature recognition
- 4.3.5.8. Voice Recognition
- 4.3.5.9. Others

5. TECHNOLOGY OPPORTUNITIES (2018-2030) BY REGION

- 5.1. Biometric Market by Region
- 5.2. North American Biometric Technology Market
 - 5.2.1. United States Biometric Technology Market
 - 5.2.2. Canadian Biometric Technology Market
 - 5.2.3. Mexican Biometric Technology Market
- 5.3. European Biometric Technology Market
 - 5.3.1. The United Kingdom Biometric Technology Market
 - 5.3.2. German Biometric Technology Market
 - 5.3.3. French Biometric Technology Market
- 5.4. APAC Biometric Technology Market
 - 5.4.1. Chinese Biometric Technology Market
 - 5.4.2. Japanese Biometric Technology Market
 - 5.4.3. Indian Biometric Technology Market
 - 5.4.4. South Korean Biometric Technology Market
- 5.5. ROW Biometric Technology Market

6. LATEST DEVELOPMENTS AND INNOVATIONS IN THE BIOMETRIC TECHNOLOGIES

7. COMPANIES / ECOSYSTEM

- 7.1. Product Portfolio Analysis
- 7.2. Market Share Analysis
- 7.3. Geographical Reach

8. STRATEGIC IMPLICATIONS

- 8.1. Implications
- 8.2. Growth Opportunity Analysis
 - 8.2.1. Growth Opportunities for the Biometric Market by Technology
 - 8.2.2. Growth Opportunities for the Biometric Market by Application
 - 8.2.3. Growth Opportunities for the Biometric Market by Region

8.3. Emerging Trends in the Biometric Market

8.4. Disruption Potential

8.5. Strategic Analysis

8.5.1. New Product Development

8.5.2. Capacity Expansion of the Biometric Market

8.5.3. Mergers, Acquisitions, and Joint Ventures in the Biometric Market

9. COMPANY PROFILES OF LEADING PLAYERS

9.1: Safran

9.2: NEC Corporation

9.3: 3M Cogent

9.4: Precise Biometrics

9.5: Fujitsu Ltd

I would like to order

Product name: Technology Landscape, Trends and Opportunities in the Biometric Market

Product link: <https://marketpublishers.com/r/T8697AFF4752EN.html>

Price: US\$ 4,850.00 (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/T8697AFF4752EN.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