

Fingerprint Payment Market By Component (Hardware, Software, Services), By Type of Fingerprint Scanners (Optical Fingerprint Scanner, Capacitive Fingerprint Scanner, Ultrasonic Fingerprint Scanner, Thermal Fingerprint Scanner), By End User (Retail, Government, Transportation, Healthcare, Hospitality, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

Biometric technologies generally refer to the use of technology to identify a person based on some aspect of their biology. Furthermore, fingerprint technologies render high-performance security solutions utilizing an individual's fingerprint impression. Fingerprint payment is a point-of-sale (POS) technology that uses biometric authentication based on fingerprint characteristics to identify the user and authorize the deduction of funds from a bank account. Fingerprint payment, based on finger scanning, is the most common biometric payment method.

Surge in applications of fingerprint payment in commercial and government sectors such as government and private offices and public spaces such as airports and malls is one of the major factors driving the growth of fingerprint payment market. In addition, increase in concern for safety and security and biometric technologies friendly usage are some factors propelling the market growth. However, the cost of installing these technologies in office premises and other spaces is higher for which consumers do not opt for such high-level security equipment which is limiting the growth of the market. In addition, technological limitations such as poor resolution of the image and low-quality capture devices can cause problems in identification and fear of privacy intrusion are some of the factors hampering the fingerprint payment market growth. On the contrary, the technological development in the field of biometrics which can be integrated with machine learning and algorithm can be used as a strong authentication system. Furthermore, dependency on biometrics technology for authentication purpose by various industry verticals is expected to provide lucrative opportunities for the growth of biometrics technology market the coming years. The fingerprint payment market is segmented on the basis of component, type of fingerprint scanner, end user and region. On the

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basis of component, it is categorized into hardware, software and services. On the basis of type of fingerprint scanner, it is classified into optical fingerprint scanners, capacitive fingerprint scanners, ultrasonic fingerprint scanners, and thermal fingerprint scanners. On the basis of end user, it is divided into retail, government, transportation, healthcare, hospitality, government, and others. On the basis of region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA. □

The report analyzes the profiles of key players operating in the fingerprint payment market such as Apple Inc., Anviz Global Inc., Fingerprint Cards AB, IDEX Biometrics, IDEMIA, Infineon Technologies AG, NEC Corporation, Precise Biometrics, Synaptics Incorporated and Thales. These players have adopted various strategies to increase their market penetration and strengthen their position in the fingerprint payment industry.

Key benefits for stakeholders

-The study provides in-depth analysis of the global fingerprint payment market along with the current & future trends to illustrate the imminent investment pockets.

-Information about key drivers, restrains, & opportunities and their impact analysis on the global fingerprint payment market size are provided in the report.

-Porter's five forces analysis illustrates the potency of buyers and suppliers operating in the industry.

-The quantitative analysis of the global fingerprint payment market from 2021 to 2031 is provided to determine the market potential.

Key Market Segments

By Component

- Software
- Services
- Hardware

By Type of Fingerprint Scanners

- Optical Fingerprint Scanner
- Capacitive Fingerprint Scanner
- Ultrasonic Fingerprint Scanner
- Thermal Fingerprint Scanner

By End User

- Retail
- Government
- Transportation
- Healthcare
- Hospitality
- Others

By Region

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France
 - Italy
 - Spain
 - Rest of Europe
- Asia-Pacific
 - China
 - Japan

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- India
- Australia
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Synaptics Incorporated
- Apple Inc.
- Thales
- NEC Corporation
- Precise Biometrics
- IDEMIA
- Anviz Global Inc.
- Fingerprint Cards AB
- IDEX Biometrics
- Infineon Technologies AG

Table of Contents:

CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key market segments
- 1.3.Key benefits to the stakeholders
- 1.4.Research Methodology
 - 1.4.1.Secondary research
 - 1.4.2.Primary research
 - 1.4.3.Analyst tools and models

CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO Perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
 - 3.2.1.Top investment pockets
- 3.3.Porter's five forces analysis
- 3.4.Top player positioning
- 3.5.Market dynamics
 - 3.5.1.Drivers
 - 3.5.2.Restraints
 - 3.5.3.Opportunities
- 3.6.COVID-19 Impact Analysis on the market

CHAPTER 4: FINGERPRINT PAYMENT MARKET, BY COMPONENT

- 4.1 Overview
 - 4.1.1 Market size and forecast
- 4.2 Hardware

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- 4.2.1 Key market trends, growth factors and opportunities
- 4.2.2 Market size and forecast, by region
- 4.2.3 Market share analysis by country
- 4.3 Software
 - 4.3.1 Key market trends, growth factors and opportunities
 - 4.3.2 Market size and forecast, by region
 - 4.3.3 Market share analysis by country
- 4.4 Services
 - 4.4.1 Key market trends, growth factors and opportunities
 - 4.4.2 Market size and forecast, by region
 - 4.4.3 Market share analysis by country
- CHAPTER 5: FINGERPRINT PAYMENT MARKET, BY TYPE OF FINGERPRINT SCANNERS
 - 5.1 Overview
 - 5.1.1 Market size and forecast
 - 5.2 Optical Fingerprint Scanner
 - 5.2.1 Key market trends, growth factors and opportunities
 - 5.2.2 Market size and forecast, by region
 - 5.2.3 Market share analysis by country
 - 5.3 Capacitive Fingerprint Scanner
 - 5.3.1 Key market trends, growth factors and opportunities
 - 5.3.2 Market size and forecast, by region
 - 5.3.3 Market share analysis by country
 - 5.4 Ultrasonic Fingerprint Scanner
 - 5.4.1 Key market trends, growth factors and opportunities
 - 5.4.2 Market size and forecast, by region
 - 5.4.3 Market share analysis by country
 - 5.5 Thermal Fingerprint Scanner
 - 5.5.1 Key market trends, growth factors and opportunities
 - 5.5.2 Market size and forecast, by region
 - 5.5.3 Market share analysis by country
- CHAPTER 6: FINGERPRINT PAYMENT MARKET, BY END USER
 - 6.1 Overview
 - 6.1.1 Market size and forecast
 - 6.2 Retail
 - 6.2.1 Key market trends, growth factors and opportunities
 - 6.2.2 Market size and forecast, by region
 - 6.2.3 Market share analysis by country
 - 6.3 Government
 - 6.3.1 Key market trends, growth factors and opportunities
 - 6.3.2 Market size and forecast, by region
 - 6.3.3 Market share analysis by country
 - 6.4 Transportation
 - 6.4.1 Key market trends, growth factors and opportunities
 - 6.4.2 Market size and forecast, by region
 - 6.4.3 Market share analysis by country
 - 6.5 Healthcare
 - 6.5.1 Key market trends, growth factors and opportunities

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- 6.5.2 Market size and forecast, by region
- 6.5.3 Market share analysis by country
- 6.6 Hospitality
 - 6.6.1 Key market trends, growth factors and opportunities
 - 6.6.2 Market size and forecast, by region
 - 6.6.3 Market share analysis by country
- 6.7 Others
 - 6.7.1 Key market trends, growth factors and opportunities
 - 6.7.2 Market size and forecast, by region
 - 6.7.3 Market share analysis by country

CHAPTER 7: FINGERPRINT PAYMENT MARKET, BY REGION

- 7.1 Overview
 - 7.1.1 Market size and forecast
- 7.2 North America
 - 7.2.1 Key trends and opportunities
 - 7.2.2 North America Market size and forecast, by Component
 - 7.2.3 North America Market size and forecast, by Type of Fingerprint Scanners
 - 7.2.4 North America Market size and forecast, by End User
 - 7.2.5 North America Market size and forecast, by country
 - 7.2.5.1 U.S.
 - 7.2.5.1.1 Key market trends, growth factors and opportunities
 - 7.2.5.1.2 Market size and forecast, by Component
 - 7.2.5.1.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.2.5.1.4 Market size and forecast, by End User
 - 7.2.5.2 Canada
 - 7.2.5.2.1 Key market trends, growth factors and opportunities
 - 7.2.5.2.2 Market size and forecast, by Component
 - 7.2.5.2.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.2.5.2.4 Market size and forecast, by End User
- 7.3 Europe
 - 7.3.1 Key trends and opportunities
 - 7.3.2 Europe Market size and forecast, by Component
 - 7.3.3 Europe Market size and forecast, by Type of Fingerprint Scanners
 - 7.3.4 Europe Market size and forecast, by End User
 - 7.3.5 Europe Market size and forecast, by country
 - 7.3.5.1 UK
 - 7.3.5.1.1 Key market trends, growth factors and opportunities
 - 7.3.5.1.2 Market size and forecast, by Component
 - 7.3.5.1.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.3.5.1.4 Market size and forecast, by End User
 - 7.3.5.2 Germany
 - 7.3.5.2.1 Key market trends, growth factors and opportunities
 - 7.3.5.2.2 Market size and forecast, by Component
 - 7.3.5.2.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.3.5.2.4 Market size and forecast, by End User
 - 7.3.5.3 France
 - 7.3.5.3.1 Key market trends, growth factors and opportunities

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- 7.3.5.3.2 Market size and forecast, by Component
- 7.3.5.3.3 Market size and forecast, by Type of Fingerprint Scanners
- 7.3.5.3.4 Market size and forecast, by End User
- 7.3.5.4 Italy
 - 7.3.5.4.1 Key market trends, growth factors and opportunities
 - 7.3.5.4.2 Market size and forecast, by Component
 - 7.3.5.4.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.3.5.4.4 Market size and forecast, by End User
- 7.3.5.5 Spain
 - 7.3.5.5.1 Key market trends, growth factors and opportunities
 - 7.3.5.5.2 Market size and forecast, by Component
 - 7.3.5.5.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.3.5.5.4 Market size and forecast, by End User
- 7.3.5.6 Rest of Europe
 - 7.3.5.6.1 Key market trends, growth factors and opportunities
 - 7.3.5.6.2 Market size and forecast, by Component
 - 7.3.5.6.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.3.5.6.4 Market size and forecast, by End User
- 7.4 Asia-Pacific
 - 7.4.1 Key trends and opportunities
 - 7.4.2 Asia-Pacific Market size and forecast, by Component
 - 7.4.3 Asia-Pacific Market size and forecast, by Type of Fingerprint Scanners
 - 7.4.4 Asia-Pacific Market size and forecast, by End User
 - 7.4.5 Asia-Pacific Market size and forecast, by country
 - 7.4.5.1 China
 - 7.4.5.1.1 Key market trends, growth factors and opportunities
 - 7.4.5.1.2 Market size and forecast, by Component
 - 7.4.5.1.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.4.5.1.4 Market size and forecast, by End User
 - 7.4.5.2 Japan
 - 7.4.5.2.1 Key market trends, growth factors and opportunities
 - 7.4.5.2.2 Market size and forecast, by Component
 - 7.4.5.2.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.4.5.2.4 Market size and forecast, by End User
 - 7.4.5.3 India
 - 7.4.5.3.1 Key market trends, growth factors and opportunities
 - 7.4.5.3.2 Market size and forecast, by Component
 - 7.4.5.3.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.4.5.3.4 Market size and forecast, by End User
 - 7.4.5.4 Australia
 - 7.4.5.4.1 Key market trends, growth factors and opportunities
 - 7.4.5.4.2 Market size and forecast, by Component
 - 7.4.5.4.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.4.5.4.4 Market size and forecast, by End User
 - 7.4.5.5 South Korea
 - 7.4.5.5.1 Key market trends, growth factors and opportunities
 - 7.4.5.5.2 Market size and forecast, by Component

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- 7.4.5.5.3 Market size and forecast, by Type of Fingerprint Scanners
- 7.4.5.5.4 Market size and forecast, by End User
- 7.4.5.6 Rest of Asia-Pacific
 - 7.4.5.6.1 Key market trends, growth factors and opportunities
 - 7.4.5.6.2 Market size and forecast, by Component
 - 7.4.5.6.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.4.5.6.4 Market size and forecast, by End User
- 7.5 LAMEA
 - 7.5.1 Key trends and opportunities
 - 7.5.2 LAMEA Market size and forecast, by Component
 - 7.5.3 LAMEA Market size and forecast, by Type of Fingerprint Scanners
 - 7.5.4 LAMEA Market size and forecast, by End User
 - 7.5.5 LAMEA Market size and forecast, by country
 - 7.5.5.1 Latin America
 - 7.5.5.1.1 Key market trends, growth factors and opportunities
 - 7.5.5.1.2 Market size and forecast, by Component
 - 7.5.5.1.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.5.5.1.4 Market size and forecast, by End User
 - 7.5.5.2 Middle East
 - 7.5.5.2.1 Key market trends, growth factors and opportunities
 - 7.5.5.2.2 Market size and forecast, by Component
 - 7.5.5.2.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.5.5.2.4 Market size and forecast, by End User
 - 7.5.5.3 Africa
 - 7.5.5.3.1 Key market trends, growth factors and opportunities
 - 7.5.5.3.2 Market size and forecast, by Component
 - 7.5.5.3.3 Market size and forecast, by Type of Fingerprint Scanners
 - 7.5.5.3.4 Market size and forecast, by End User

CHAPTER 8: COMPANY LANDSCAPE

- 8.1. Introduction
- 8.2. Top winning strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Key developments

CHAPTER 9: COMPANY PROFILES

- 9.1 Apple Inc.
 - 9.1.1 Company overview
 - 9.1.2 Company snapshot
 - 9.1.3 Operating business segments
 - 9.1.4 Product portfolio
 - 9.1.5 Business performance
 - 9.1.6 Key strategic moves and developments
- 9.2 Thales
 - 9.2.1 Company overview
 - 9.2.2 Company snapshot
 - 9.2.3 Operating business segments

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- 9.2.4 Product portfolio
- 9.2.5 Business performance
- 9.2.6 Key strategic moves and developments
- 9.3 NEC Corporation
 - 9.3.1 Company overview
 - 9.3.2 Company snapshot
 - 9.3.3 Operating business segments
 - 9.3.4 Product portfolio
 - 9.3.5 Business performance
 - 9.3.6 Key strategic moves and developments
- 9.4 Precise Biometrics
 - 9.4.1 Company overview
 - 9.4.2 Company snapshot
 - 9.4.3 Operating business segments
 - 9.4.4 Product portfolio
 - 9.4.5 Business performance
 - 9.4.6 Key strategic moves and developments
- 9.5 IDEMIA
 - 9.5.1 Company overview
 - 9.5.2 Company snapshot
 - 9.5.3 Operating business segments
 - 9.5.4 Product portfolio
 - 9.5.5 Business performance
 - 9.5.6 Key strategic moves and developments
- 9.6 Anviz Global Inc.
 - 9.6.1 Company overview
 - 9.6.2 Company snapshot
 - 9.6.3 Operating business segments
 - 9.6.4 Product portfolio
 - 9.6.5 Business performance
 - 9.6.6 Key strategic moves and developments
- 9.7 Fingerprint Cards AB
 - 9.7.1 Company overview
 - 9.7.2 Company snapshot
 - 9.7.3 Operating business segments
 - 9.7.4 Product portfolio
 - 9.7.5 Business performance
 - 9.7.6 Key strategic moves and developments
- 9.8 IDEX Biometrics
 - 9.8.1 Company overview
 - 9.8.2 Company snapshot
 - 9.8.3 Operating business segments
 - 9.8.4 Product portfolio
 - 9.8.5 Business performance
 - 9.8.6 Key strategic moves and developments
- 9.9 Infineon Technologies AG
 - 9.9.1 Company overview

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- 9.9.2 Company snapshot
- 9.9.3 Operating business segments
- 9.9.4 Product portfolio
- 9.9.5 Business performance
- 9.9.6 Key strategic moves and developments
- 9.10 Synaptics Incorporated
 - 9.10.1 Company overview
 - 9.10.2 Company snapshot
 - 9.10.3 Operating business segments
 - 9.10.4 Product portfolio
 - 9.10.5 Business performance
 - 9.10.6 Key strategic moves and developments

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