

# **Fingerprint Sensors Market by Type (Swipe, Area & Touch), Technology (Capacitive, Thermal, Optical), Application (Mobile Devices, Travel & Immigration, Government, Military & Defense, Banking & Finance) and Geography - Global Forecast to 2022**

<https://marketpublishers.com/r/F05A23F5B9AEN.html>

Date: July 2016

Pages: 178

Price: US\$ 5,650.00 (Single User License)

ID: F05A23F5B9AEN

## **Abstracts**

The fingerprint sensors market was valued at 2.94 billion in 2015 and is expected to grow at a CAGR of 18.9% between 2016 and 2022, to reach USD 8.85 billion by 2022. Approximately, 649.1 million fingerprint sensors were shipped worldwide in 2015 and the shipment is expected to reach 3,252.1 million by 2022, at a CAGR of 23.2% between 2016 and 2022. The growing adoption of fingerprint sensors in the banking & finance industry, increasing usage of fingerprint sensors in smartphones and other consumer electronics, need for secured and simplified user access, rapid growth in mobile commerce, and the increasing usage of biometrics systems for criminal identification among others are the factors driving the growth of the market.

“Banking & finance application expected to grow at a high rate in the fingerprint sensors market during the forecast period“

The growth of the fingerprint sensors market in the banking & finance industry is mainly driven by the rising instances of fraudulence in transaction which demand more secure options such as biometric cards and products. Also, there has been an increase in non-cash transactions in the past few years which drives the demand for cards (credit/debit). Biometric debit or credit cards provide more security over other methods, which is one of the driving factors behind the growth of this market in the banking & finance industry.

“APAC to be the leading and fastest-growing market for fingerprint sensors during the forecast period”

The growth of the fingerprint sensors market in APAC is attributed to the increase in demand for mobile devices, increased government projects in law enforcements, rapid urbanization, growing population, and the increasing disposable income.

The break-up of the profiles of primary participants for the report has been given below:

By Company Type: Tier 1 – 35%, Tier 2 – 46%, and Tier 3 – 19%

By Designation: C-Level Executives – 45%, Directors– 35%, Others – 20%

By Region: North America - 41%, Europe – 36%, APAC – 17%, RoW – 6%

The key players in the fingerprint sensors market include Apple Inc. (U.S.), Fingerprint Cards AB (Sweden), Synaptics Inc. (U.S.), Goodix Ltd. (China), Egis Technology Inc. (Taiwan), Silead Inc. (China), IDEX ASA (Norway), Safran Identity & Security (France), Thales SA (France), Suprema Inc. (South Korea), Dermalog Identification Systems GmbH (Germany), Crossmatch (U.S.), NEC Corp. (Japan), and 3M Cogent Inc. (U.S.)

Reasons to buy the report:

Illustrative segmentation, analysis, and forecast for the market based on type, technology, application, and geography have been conducted to give an overall view of the fingerprint sensors market.

The Porter's five forces framework has been utilized along with the value chain analysis to provide an in-depth insight into the fingerprint sensors market.

The major drivers, restraints, opportunities, and challenges for the fingerprint sensors market have been detailed in this report.

The report includes a detailed competitive landscape along with key players, in-depth analysis, and revenue of key players.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 GEOGRAPHIC SCOPE
- 1.4 YEARS CONSIDERED
- 1.5 CURRENCY
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Key data from secondary sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key data from primary sources
    - 2.1.2.2 Key industry insights
    - 2.1.2.3 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
  - 2.2.1 BOTTOM-UP APPROACH
  - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 REPORT ASSUMPTIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 FINGERPRINT SENSORS MARKET TO GROW AT A HIGH RATE DURING THE FORECAST PERIOD
- 4.2 FINGERPRINT SENSORS MARKET, BY TECHNOLOGY
- 4.3 FINGERPRINT SENSORS MARKET, BY REGION AND APPLICATION
- 4.4 FINGERPRINT SENSORS MARKET: GEOGRAPHICAL SNAPSHOT (2015)

## **5 MARKET OVERVIEW**

### **5.1 INTRODUCTION**

### **5.2 MARKET SEGMENTATION**

#### **5.2.1 FINGERPRINT SENSORS MARKET, BY TYPE**

#### **5.2.2 FINGERPRINT SENSORS MARKET, BY TECHNOLOGY**

#### **5.2.3 FINGERPRINT SENSORS MARKET, BY APPLICATION**

### **5.3 MARKET DYNAMICS**

#### **5.3.1 DRIVERS**

5.3.1.1 Government initiatives to adopt biometrics in various fields

5.3.1.2 Increasing usage of fingerprint sensors in smartphones and other consumer electronics

5.3.1.3 Need for secured and simplified user access

5.3.1.4 Rapid growth in mobile commerce

5.3.1.5 Increase in the usage of biometrics systems for criminal identification

#### **5.3.2 RESTRAINTS**

5.3.2.1 Lack of awareness among the users regarding security constraints

#### **5.3.3 OPPORTUNITIES**

5.3.3.1 Emerging application areas of fingerprint sensors in IoT

5.3.3.2 Growing opportunities for fingerprint sensors in the banking & finance industry

#### **5.3.4 CHALLENGE**

5.3.4.1 Size, performance, and reliability issues of fingerprint sensors

## **6 INDUSTRY TRENDS**

### **6.1 INTRODUCTION**

### **6.2 VALUE CHAIN ANALYSIS**

### **6.3 PORTER'S FIVE FORCES ANALYSIS: FINGERPRINT SENSORS MARKET**

#### **6.3.1 BARGAINING POWER OF SUPPLIERS**

#### **6.3.2 BARGAINING POWER OF BUYERS**

#### **6.3.3 THREAT OF SUBSTITUTES**

#### **6.3.4 THREAT OF NEW ENTRANTS**

#### **6.3.5 INTENSITY OF COMPETITIVE RIVALRY**

## **7 FINGERPRINT SENSORS MARKET, BY TYPE**

### **7.1 INTRODUCTION**

### **7.2 SWIPE SENSORS**

### **7.3 AREA & TOUCH SENSORS**

## **8 FINGERPRINT SENSORS MARKET, BY TECHNOLOGY**

### **8.1 INTRODUCTION**

### **8.2 CAPACITIVE AND RF CAPACITIVE SENSING TECHNOLOGY**

### **8.3 OPTICAL SENSING TECHNOLOGY**

### **8.4 OTHER SENSING TECHNOLOGIES**

## **9 MATERIALS USED IN FINGERPRINT SENSORS**

### **9.1 INTRODUCTION**

### **9.2 PIEZOELECTRIC MATERIAL (QUARTZ)**

### **9.3 PYROELECTRIC MATERIAL (LITHIUM TANTALATE)**

### **9.4 ADHESIVES**

#### **9.4.1 SILICON**

#### **9.4.2 EPOXY RESINS**

#### **9.4.3 URETHANE**

#### **9.4.4 ANAEROBIC**

### **9.5 COATING MATERIAL**

## **10 FINGERPRINT SENSORS MARKET, BY APPLICATION**

### **10.1 INTRODUCTION**

### **10.2 CONSUMER ELECTRONICS/MOBILE DEVICES**

#### **10.2.1 SMARTPHONES**

#### **10.2.2 LAPTOPS/ NOTEBOOKS/TABLETS**

#### **10.2.3 WRISTBANDS AND SMARTBANDS**

#### **10.2.4 USB FLASH DIRVES**

#### **10.2.5 OTHER CONSUMER ELECTRONICS**

### **10.3 TRAVEL & IMMIGRATION**

### **10.4 GOVERNMENT & LAW ENFORCEMENT**

### **10.5 MILITARY, DEFENSE, & AEROSPACE**

### **10.6 BANKING & FINANCE**

### **10.7 COMMERCIAL**

### **10.8 HEALTHCARE**

### **10.9 SMART HOMES**

### **10.10 OTHERS**

## **11 GEOGRAPHIC ANALYSIS**

## 11.1 INTRODUCTION

## 11.2 NORTH AMERICA

### 11.2.1 U.S.

### 11.2.2 CANADA

### 11.2.3 MEXICO

## 11.3 EUROPE

### 11.3.1 GERMANY

### 11.3.2 U.K.

### 11.3.3 FRANCE

### 11.3.4 ITALY

### 11.3.5 REST OF EUROPE

## 11.4 APAC

### 11.4.1 CHINA

### 11.4.2 INDIA

### 11.4.3 JAPAN

### 11.4.4 SOUTH KOREA

### 11.4.5 REST OF APAC

## 11.5 ROW

### 11.5.1 LATIN AMERICA

### 11.5.2 MIDDLE EAST & AFRICA

## 12 COMPETITIVE LANDSCAPE

### 12.1 MARKET PLAYER RANKING ANALYSIS OF THE FINGERPRINT SENSORS MARKET

### 12.2 NEW PRODUCT LAUNCHES

### 12.3 EXPANSIONS

### 12.4 AGREEMENTS/ CONTRACTS/COLLABORATIONS/ PARTNERSHIPS

### 12.5 MERGERS & ACQUISITIONS

## 13 COMPANY PROFILES

(Company at a Glance, Business Overview, Products Offered, Key Strategy, Recent Developments, SWOT Analysis & MNM View)\*

### 13.1 INTRODUCTION

### 13.2 APPLE INC.

### 13.3 SYNAPTICS INC.

- 13.4 FINGERPRINT CARDS AB
- 13.5 GOODIX LTD
- 13.6 EGIS TECHNOLOGY INC.
- 13.7 SILEAD INC.
- 13.8 IDEX ASA
- 13.9 SAFRAN IDENTITY & SECURITY (MORPHO)
- 13.10 THALES SA
- 13.11 SUPREMA INC.
- 13.12 DERMALOG IDENTIFICATION SYSTEMS GMBH
- 13.13 CROSSMATCH
- 13.14 3M COGENT INC.
- 13.15 NEC CORPORATION

\*Details on company at a glance, recent financials, Products offered, strategies & insights, & recent developments might not be captured in case of unlisted companies.

## **14 APPENDIX**

- 14.1 INSIGHTS FROM INDUSTRY EXPERTS
- 14.2 DISCUSSION GUIDE
- 14.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 14.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 14.5 AVAILABLE CUSTOMIZATION
- 14.6 RELATED REPORTS

## List Of Tables

### LIST OF TABLES

Table 1 CURRENCY Table

Table 2 FINGERPRINT SENSORS MARKET, BY TYPE

Table 3 FINGERPRINT SENSORS MARKET, BY TECHNOLOGY

Table 4 FINGERPRINT SENSORS MARKET, BY APPLICATION

Table 5 FINGERPRINT SENSORS MARKET, BY TYPE , 2014–2022 (MILLION UNITS)

Table 6 FINGERPRINT SENSORS MARKET, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 7 FINGERPRINT SENSORS MARKET, BY APPLICATION, 2014–2022 (USD MILLION)

Table 8 FINGERPRINT SENSORS MARKET, BY APPLICATION, 2014–2022 (MILLION UNITS)

Table 9 FINGERPRINT SENSORS MARKET FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 10 FINGERPRINT SENSORS MARKET FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 11 FINGERPRINT SENSORS MARKET FOR TRAVEL & IMMIGRATION APPLICATION, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 12 FINGERPRINT SENSORS MARKET FOR TRAVEL & IMMIGRATION APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 13 FINGERPRINT SENSORS MARKET FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 14 FINGERPRINT SENSORS MARKET FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION, BY REGION, 2013–2022 (USD MILLION)

Table 15 FINGERPRINT SENSORS MARKET FOR MILITARY, DEFENSE, & AEROSPACE APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 16 FINGERPRINT SENSORS MARKET FOR BANKING & FINANCE APPLICATION, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 17 FINGERPRINT SENSORS MARKET FOR BANKING & FINANCE APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 18 FINGERPRINT SENSORS MARKET FOR COMMERCIAL SECURITY APPLICATION, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 19 FINGERPRINT SENSORS MARKET FOR COMMERCIAL SECURITY APPLICATION, BY REGION, 2014–2022 (USD MILLION)



Table 20 FINGERPRINT SENSORS MARKET FOR HEALTHCARE APPLICATION, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 21 FINGERPRINT SENSORS MARKET FOR HEALTHCARE APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 22 FINGERPRINT SENSORS MARKET FOR SMART HOMES APPLICATION, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 23 FINGERPRINT SENSORS MARKET FOR SMART HOMES APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 24 FINGERPRINT SENSORS MARKET FOR OTHER APPLICATIONS, BY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 25 FINGERPRINT SENSORS MARKET FOR OTHER APPLICATIONS, BY REGION, 2014–2022 (USD MILLION)

Table 26 FINGERPRINT SENSORS MARKET, BY REGION, 2014–2022 (USD MILLION)

Table 27 FINGERPRINT SENSORS MARKET IN NORTH AMERICA, BY COUNTRY, 2014–2022 (USD MILLION)

Table 28 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 29 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR TRAVEL & IMMIGRATION APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 30 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 31 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR MILITARY, DEFENSE, & AEROSPACE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 32 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR BANKING & FINANCE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 33 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR HEALTHCARE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 34 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR SMART HOMES APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 35 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR COMMERCIAL SECURITY APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 36 FINGERPRINT SENSORS MARKET IN NORTH AMERICA FOR OTHER APPLICATIONS, BY COUNTRY, 2014–2022 (USD MILLION)

Table 37 FINGERPRINT SENSORS MARKET IN EUROPE, BY COUNTRY, 2014–2022 (USD MILLION)

Table 38 FINGERPRINT SENSORS MARKET IN EUROPE FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 39 FINGERPRINT SENSORS MARKET IN EUROPE FOR TRAVEL & IMMIGRATION APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 40 FINGERPRINT SENSORS MARKET IN EUROPE FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 41 FINGERPRINT SENSORS MARKET IN EUROPE FOR MILITARY, DEFENSE, & AEROSPACE, BY COUNTRY, 2014–2022 (USD MILLION)

Table 42 FINGERPRINT SENSORS MARKET IN EUROPE FOR BANKING & FINANCE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 43 FINGERPRINT SENSORS MARKET IN EUROPE FOR HEALTHCARE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 44 FINGERPRINT SENSORS MARKET IN EUROPE FOR SMART HOMES APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 45 FINGERPRINT SENSORS MARKET IN EUROPE FOR COMMERCIAL SECURITY APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 46 FINGERPRINT SENSORS MARKET IN APAC, BY COUNTRY, 2014–2022 (USD MILLION)

Table 47 FINGERPRINT SENSORS MARKET IN APAC FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 48 FINGERPRINT SENSORS MARKET IN APAC FOR TRAVEL & IMMIGRATION APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 49 FINGERPRINT SENSORS MARKET IN APAC FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 50 FINGERPRINT SENSORS MARKET IN APAC FOR MILITARY, DEFENSE, & AEROSPACE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 51 FINGERPRINT SENSORS MARKET IN APAC FOR BANKING & FINANCE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 52 FINGERPRINT SENSORS MARKET IN APAC FOR HEALTHCARE APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 53 FINGERPRINT SENSORS MARKET IN APAC FOR SMART HOMES APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 54 FINGERPRINT SENSORS MARKET IN APAC FOR COMMERCIAL SECURITY APPLICATION, BY COUNTRY, 2014–2022 (USD MILLION)

Table 55 FINGERPRINT SENSORS MARKET IN APAC FOR OTHER APPLICATIONS, BY COUNTRY, 2014–2022 (USD MILLION)

Table 56 FINGERPRINT SENSORS MARKET IN ROW, BY REGION, 2014–2022 (USD

MILLION)

Table 57 FINGERPRINT SENSORS MARKET IN ROW FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 58 FINGERPRINT SENSORS MARKET IN ROW FOR TRAVEL & IMMIGRATION APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 59 FINGERPRINT SENSORS MARKET IN ROW FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 60 FINGERPRINT SENSORS MARKET IN ROW FOR MILITARY, AEROSPACE, & DEFENSE APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 61 FINGERPRINT SENSORS MARKET IN ROW FOR BANKING & FINANCE APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 62 FINGERPRINT SENSORS MARKET IN ROW FOR HEALTHCARE APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 63 FINGERPRINT SENSORS MARKET IN ROW FOR SMART HOMES APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 64 FINGERPRINT SENSORS MARKET IN ROW FOR COMMERCIAL SECURITY APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 65 FINGERPRINT SENSORS MARKET IN ROW FOR OTHER APPLICATIONS, BY REGION, 2014–2022 (USD MILLION)

Table 66 KEY PLAYER RANK FOR FINGERPRINT SENSORS MARKET FOR MOBILE DEVICES

Table 67 NEW PRODUCT LAUNCHES, 2015–2016

Table 68 EXPANSIONS, 2015–2016

Table 69 AGREEMENTS/JOINT VENTURES/PARTNERSHIPS , 2015–2016

Table 70 MERGERS & ACQUISITIONS, 2012–2014

## List Of Figures

### LIST OF FIGURES

Figure 1 FINGERPRINT SENSORS MARKET

Figure 2 GLOBAL FINGERPRINT SENSORS MARKET: RESEARCH DESIGN

Figure 3 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 6 FINGERPRINT SENSORS MARKET, BY TECHNOLOGY (2015 VS. 2022)

Figure 7 FINGERPRINT SENSORS MARKET, BY APPLICATION (2016–2022)

Figure 8 FINGERPRINT SENSORS MARKET, BY GEOGRAPHY, 2015

Figure 9 GROWTH OPPORTUNITIES FOR THE FINGERPRINT SENSORS MARKET BETWEEN 2016 AND 2022

Figure 10 FINGERPRINT SENSORS MARKET FOR CAPACITIVE & RF CAPACITIVE TECHNOLOGY EXPECTED TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD (2016–2022)

Figure 11 NORTH AMERICA HELD THE MAJOR SHARE OF THE GLOBAL FINGERPRINT SENSORS MARKET IN 2015

Figure 12 U.S. HELD THE LARGEST SHARE OF THE GLOBAL FINGERPRINT MARKET IN 2015

Figure 13 INCREASING USAGE OF FINGERPRINT SENSORS IN SMARTPHONES IS DRIVING THE GROWTH OF THE FINGERPRINT SENSORS MARKET

Figure 14 VALUE CHAIN ANALYSIS OF THE FINGERPRINT SENSORS MARKET: MAJOR VALUE IS ADDED BY COMPONENT MANUFACTURERS AND PRODUCT MANUFACTURERS

Figure 15 PORTER'S FIVE FORCES ANALYSIS: FINGERPRINT SENSORS MARKET (2015)

Figure 16 PORTER'S FIVE FORCES ANALYSIS: FINGERPRINT SENSORS MARKET

Figure 17 BARGAINING POWER OF SUPPLIERS

Figure 18 BARGAINING POWER OF BUYERS

Figure 19 THREAT OF SUBSTITUTES

Figure 20 THREAT OF NEW ENTRANTS

Figure 21 INTENSITY OF COMPETITIVE RIVALRY

Figure 22 AREA & TOUCH SENSORS EXPECTED TO LEAD THE FINGERPRINT SENSORS MARKET DURING THE FORECAST PERIOD

Figure 23 CAPACITIVE & RF CAPACITIVE TECHNOLOGY EXPECTED TO DOMINATE THE FINGERPRINT SENSORS MARKET DURING THE FORECAST

## PERIOD

Figure 24 CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION TO LEAD THE FINGERPRINT SENSORS MARKET DURING THE FORECAST PERIOD

Figure 25 CAPACITIVE & RF CAPACITIVE TECHNOLOGY TO GROW AT THE HIGHEST RATE IN THE FINGERPRINT SENSORS MARKET FOR CONSUMER ELECTRONICS/MOBILE DEVICES

Figure 26 APAC TO LEAD THE FINGERPRINT SENSORS MARKET FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION BY 2022

Figure 27 APAC MARKET FOR FINGERPRINT SENSORS FOR TRAVEL & IMMIGRATION APPLICATION TO GROW AT THE HIGHEST RATE DURING FORECAST PERIOD

Figure 28 CAPACITIVE & RF CAPACITIVE TECHNOLOGY TO DOMINATE THE FINGERPRINT SENSORS MARKET FOR GOVERNMENT & LAW ENFORCEMENT (2016–2022)

Figure 29 APAC EXPECTED TO WITNESS THE HIGHEST GROWTH IN THE FINGERPRINT SENSORS MARKET FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION

Figure 30 NORTH AMERICA TO LEAD THE FINGERPRINT SENSORS MARKET FOR THE MILITARY, DEFENSE, & AEROSPACE APPLICATION DURING THE FORECAST PERIOD

Figure 31 CAPACITIVE & RF CAPACITIVE TECHNOLOGY TO DOMINATE THE MARKET FOR BANKING & FINANCE APPLICATION DURING THE FORECAST PERIOD

Figure 32 APAC MARKET FOR FINGERPRINT SENSORS TO GROW AT THE HIGHEST RATE FOR THE BANKING AND FINANCE APPLICATION (2016–2022)

Figure 33 APAC MARKET FOR FINGERPRINT SENSORS IN THE COMMERCIAL SECURITY APPLICATION TO GROW AT THE HIGHEST RATE BETWEEN 2016 AND 2022

Figure 34 NORTH AMERICA TO DOMINATE THE FINGERPRINT SENSORS MARKET FOR HEALTHCARE APPLICATION DURING THE FORECAST PERIOD

Figure 35 NORTH AMERICA TO DOMINATE THE FINGERPRINT SENSORS MARKET FOR SMART HOMES APPLICATION (2016–2022)

Figure 36 GEOGRAPHIC SNAPSHOT FOR THE FINGERPRINT SENSORS MARKET, 2016–2022

Figure 37 APAC EXPECTED TO BE THE LEADING MARKET FOR FINGERPRINT SENSORS BY 2022

Figure 38 U.S. EXPECTED TO DOMINATE THE NORTH AMERICAN FINGERPRINT SENSORS MARKET

Figure 39 U.S. TO DOMINATE THE FINGERPRINT SENSORS MARKET FOR

CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION (2016–2022)

Figure 40 U.S. EXPECTED TO DOMINATE THE NORTH AMERICAN FINGERPRINT SENSORS MARKET FOR THE TRAVEL & IMMIGRATION APPLICATION DURING THE FORECAST PERIOD

Figure 41 U.S. TO DOMINATE THE NORTH AMERICAN FINGERPRINT SENSORS MARKET FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION

Figure 42 NORTH AMERICAN FINGERPRINT SENSORS MARKET FOR BANKING & FINANCE APPLICATION TO GROW AT A SIGNIFICANT RATE FOR DURING THE FORECAST PERIOD

Figure 43 GERMANY TO DOMINATE THE EUROPEAN FINGERPRINT SENSORS MARKET DURING THE FORECAST PERIOD

Figure 44 GERMAN MARKET FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION TO GROW AT A SIGNIFICANT RATE DURING THE FORECAST PERIOD

Figure 45 GERMANY & U.K. TO HOLD THE TOP 2 POSITIONS FOR TRAVEL & IMMIGRATION APPLICATION OF FINGERPRINT SENSORS MARKET (2016–2022)

Figure 46 GERMANY TO LEAD THE GOVERNMENT & LAW ENFORCEMENT APPLICATION OF FINGERPRINT SENSORS MARKET

Figure 47 FINGERPRINT SENSORS MARKET IN GERMANY AND U.K. TO GROW AT SIGNIFICANT RATES FOR THE BANKING & FINANCE APPLICATION

Figure 48 APAC: FINGERPRINT SENSORS MARKET SNAPSHOT (2016–2022)

Figure 49 CHINA TO LEAD THE APAC FINGERPRINT SENSORS MARKET DURING THE FORECAST PERIOD

Figure 50 CHINA AND INDIA TO WITNESS HIGH GROWTH FOR THE FINGERPRINT SENSORS MARKET FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION

Figure 51 CHINA TO DOMINATE THE FINGERPRINT SENSORS MARKET FOR TRAVEL & IMMIGRATION APPLICATION DURING THE FORECAST PERIOD

Figure 52 CHINA AND INDIA TO WITNESS HIGH GROWTH RATES IN THE APAC FINGERPRINT SENSORS MARKET FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION

Figure 53 CHINA AND JAPAN TO WITNESS HIGH GROWTH RATE IN THE FINGERPRINT SENSORS MARKET FOR THE BANKING & FINANCE APPLICATION BETWEEN 2016 AND 2022

Figure 54 MIDDLE EAST & AFRICA TO HAVE SIGNIFICANT GROWTH OPPORTUNITIES FOR THE FINGERPRINT SENSORS MARKET DURING THE FORECAST PERIOD

Figure 55 LATIN AMERICA TO LEAD THE FINGERPRINT SENSORS MARKET FOR CONSUMER ELECTRONICS/MOBILE DEVICES APPLICATION IN ROW



Figure 56 MIDDLE EAST & AFRICA TO LEAD THE FINGERPRINT SENSORS MARKET FOR TRAVEL & IMMIGRATION APPLICATION IN ROW BETWEEN 2016 AND 2022

Figure 57 MIDDLE EAST & AFRICA TO LEAD THE ROW FINGERPRINT SENSORS MARKET FOR GOVERNMENT & LAW ENFORCEMENT APPLICATION

Figure 58 FINGERPRINT SENSORS MARKET IN ROW FOR MILITARY, DEFENSE, & AEROSPACE APPLICATION (2016–2022)

Figure 59 MIDDLE EAST & AFRICA TO WITNESS HIGH GROWTH IN THE ROW MARKET FOR THE SMART HOMES APPLICATION OF FINGERPRINT SENSORS

Figure 60 NEW PRODUCT LAUNCHES WAS THE KEY GROWTH STRATEGY OVER THE LAST FOUR YEARS (2011–2015)

Figure 61 BATTLE FOR MARKET SHARE:  
AGREEMENT/COLLABORATION/STRATEGIC PARTNERSHIP WAS THE KEY STRATEGY

Figure 62 BUSINESS OVERVIEW: APPLE INC.

Figure 63 SWOT ANALYSIS: APPLE INC.

Figure 64 SYNAPTICS INC. : COMPANY SNAPSHOT

Figure 65 SWOT ANALYSIS: SYNAPTICS INC.

Figure 66 FINGERPRINT CARDS AB: COMPANY SNAPSHOT

Figure 67 SWOT ANALYSIS: FINGERPRINT CARDS AB

Figure 68 BUSINESS OVERVIEW: IDEX ASA

Figure 69 SWOT ANALYSIS: SAFRAN IDENTITY & SECURITY (MORPHO)

Figure 70 THALES SA: COMPANY SNAPSHOT.

Figure 71 NEC CORPORATION: COMPANY SNAPSHOT

## I would like to order

Product name: Fingerprint Sensors Market by Type (Swipe, Area & Touch), Technology (Capacitive, Thermal, Optical), Application (Mobile Devices, Travel & Immigration, Government, Military & Defense, Banking & Finance) and Geography - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/F05A23F5B9AEN.html>

Price: US\$ 5,650.00 (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/F05A23F5B9AEN.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