

Global Automotive Biometric Identification Market By Technology (Facial Recognition, Fingerprint Recognition, etc.), By Sensor Type (CMOS, Optical & Retina), By Vehicle Type (Passenger Car & Commercial Vehicle), By Region, Competition, Forecast & Opportunities, 2024

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Abstracts

Global automotive biometric identification market was valued at \$ 138 million in 2019 and is projected to grow at a CAGR of over 17%, to reach \$ 303 million by 2024. The growth in the market is led by rising demand for vehicle safety and security across the globe. Moreover, rising adoption of advanced technologies, such as artificial intelligence and cloud connectivity in vehicles is further anticipated to positively influence the market. Based on technology, the global automotive biometric identification market segmented into fingerprint recognition, facial recognition, iris recognition, voice recognition and multimodal recognition. Of all, facial recognition technology dominates the market owing to rising luxury car sales, increasing vehicle thefts, and technological advancements in automotive security systems.

Years considered for this report:

Estimated Year: 2019

Forecast Period: 2020-2024

Objective of the Study:

To assess the demand-supply scenario of automotive biometric identification systems in various automotive segments globally.

To analyze and forecast the market size of automotive biometric identification.

To classify and forecast global automotive biometric identification based on vehicle type, technology, sensors and regional distribution.

To identify drivers and challenges for global automotive biometric identification market.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in global automotive biometric identification market.

To identify and analyze the profile of leading players involved in the manufacturing of global automotive biometric identification.

Some of the major players operating in automotive biometric identification are Continental AG, Robert Bosch GmbH, Fujitsu Limited, OSRAM Licht AG, Synaptics Incorporated, Precise Biometrics AB, Nuance Communications, Inc., Fingerprints Cards A, etc.

To perform the study, TechSci Research conducted primary as well as exhaustive secondary research. Initially, TechSci Research prepared an exhaustive list of automotive biometric identification manufacturers and dealers operating globally. Subsequently, TechSci Research conducted primary research surveys, which include primary calls, email responses, etc., with the identified companies. While interviewing, the respondents were also asked about their major competitors. Through this technique, TechSci Research could include manufacturers which could not be identified due to the limitations of secondary research. TechSci Research analyzed product offerings, distribution channels, and regional presence of all major automotive biometric identification suppliers across the globe.

TechSci Research calculated the market size for global automotive biometric identification using a bottom-up technique, wherein manufacturers' value sales data for different applications, were recorded as well as forecast for the future years. TechSci Research sourced these values from industry experts and company representatives,

and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Multiple secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

Technology investors

Dealers and distributors of automotive biometrics components and systems

Governments and financial institutions

End users of automotive biometric identifications

Research organizations and consulting companies

Associations, organizations, forums and alliances related to automotive biometric identification

Industry associations

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as automotive biometric identifications manufacturers, distributors and dealers, customers and policy makers. The study would also help them to target the growing segments over the coming years, thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, global automotive biometric identifications market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by Vehicle Type:

Passenger Cars

Commercial Vehicles (*includes Electric Vehicle and Autonomous Vehicles)

Market, by Technology:

Fingerprint Recognition

Facial Recognition

Voice Recognition

Iris Recognition

Multimodal Recognition

Market, by Sensors:

Optical

Retina

CMOS

Market, by Region:

Asia Pacific

China

Japan

South Korea

India

Malaysia

Indonesia

Thailand

Rest of Asia-Pacific

Europe

United Kingdom

Germany

Italy

France

Spain

Italy

Rest of Europe

North America

United States

Mexico

Canada

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in automotive biometric identification.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Profit Margin Analysis

Profit margin analysis in case of direct and indirect sales channel.

Contents

1. PRODUCT OVERVIEW

2. RESEARCH METHODOLOGY

3. ANALYST VIEW

4. MAJOR DEVELOPMENTS IN BIOMETRIC MARKET

5. MARKET TRENDS & DEVELOPMENTS

6. MARKET DYNAMICS

6.1. Drivers

6.2. Challenges

7. OEM LANDSCAPE

7.1. Honda Motor Co., Ltd.

7.2. Hyundai Motor Co.

7.3. SUBARU Co.

7.4. Nissan Motor Co., Ltd.

7.5. AB Volvo

7.6. AUDI AG

7.7. Fiat Chrysler Automobiles N.V.

7.8. BYTON

7.9. Tesla, Inc.

7.10. Faraday & Future Inc

8. TIER 1 SUPPLIERS LANDSCAPE

8.1. Fujitsu Limited

8.2. Hyundai Mobis

8.3. OSRAM Licht AG

8.4. Robert Bosch GmbH

8.5. Continental AG

9. TIER 2 SUPPLIERS LANDSCAPE

- 9.1. Synaptics Incorporated
- 9.2. Precise Biometrics AB
- 9.3. Nuance Communications, Inc.
- 9.4. Fingerprints Cards AB
- 9.5. Shenzhen Goodix Technology Co., Ltd.

10. GLOBAL AUTOMOTIVE BIOMETRIC IDENTIFICATION SYSTEMS MARKET OVERVIEW

11. GLOBAL AUTOMOTIVE BIOMETRIC IDENTIFICATION SYSTEMS MARKET OUTLOOK

- 11.1. Market Size & Forecast
 - 11.1.1. By Value
- 11.2. Market Share & Forecast
 - 11.2.1. By Technology (Voice Recognition, Facial Recognition, Fingerprint Recognition, Iris Recognition, Multimodal Recognition)
 - 11.2.2. By Sensor Type (CMOS, Optical, Retina)
 - 11.2.3. By Vehicle Type (Passenger Cars & Commercial Vehicle)
 - 11.2.4. By Region (Europe, North America, Asia-Pacific)
- 11.3. Market Attractiveness Index
 - 11.3.1. By Technology
 - 11.3.2. By Sensor Type
 - 11.3.3. By Region

12. EUROPE AUTOMOTIVE BIOMETRIC IDENTIFICATION SYSTEMS MARKET OUTLOOK

- 12.1. Market Size & Forecast
 - 12.1.1. By Value
- 12.2. Market Share & Forecast
 - 12.2.1. By Technology
 - 12.2.2. By Sensor Type
 - 12.2.3. By Vehicle Type
 - 12.2.4. By Country (Germany; United Kingdom; France; Italy; Spain; and Rest of Europe)
 - 12.2.4.1. Germany Automotive Biometric Identification Systems Market Outlook
 - 12.2.4.1.1. Market Size & Forecast

- 12.2.4.1.1.1. By Value
- 12.2.4.1.2. Market Share & Forecast
 - 12.2.4.1.2.1. By Technology
 - 12.2.4.1.2.2. By Sensor Type
 - 12.2.4.1.2.3. By Vehicle Type
- 12.2.4.2. United Kingdom Automotive Biometric Identification Systems Market Outlook
 - 12.2.4.2.1. Market Size & Forecast
 - 12.2.4.2.1.1. By Value
 - 12.2.4.2.2. Market Share & Forecast
 - 12.2.4.2.2.1. By Technology
 - 12.2.4.2.2.2. By Sensor Type
 - 12.2.4.2.2.3. By Vehicle Type
 - 12.2.4.3. Italy Automotive Biometric Identification Systems Market Outlook
 - 12.2.4.3.1. Market Size & Forecast
 - 12.2.4.3.1.1. By Value
 - 12.2.4.3.2. Market Share & Forecast
 - 12.2.4.3.2.1. By Technology
 - 12.2.4.3.2.2. By Sensor Type
 - 12.2.4.3.2.3. By Vehicle Type
 - 12.2.4.4. France Automotive Biometric Identification Systems Market Outlook
 - 12.2.4.4.1. Market Size & Forecast
 - 12.2.4.4.1.1. By Value
 - 12.2.4.4.2. Market Share & Forecast
 - 12.2.4.4.2.1. By Technology
 - 12.2.4.4.2.2. By Sensor Type
 - 12.2.4.4.2.3. By Vehicle Type
 - 12.2.4.5. Spain Automotive Biometric Identification Systems Market Outlook
 - 12.2.4.5.1. Market Size & Forecast
 - 12.2.4.5.1.1. By Value
 - 12.2.4.5.2. Market Share & Forecast
 - 12.2.4.5.2.1. By Technology
 - 12.2.4.5.2.2. By Sensor Type
 - 12.2.4.5.2.3. By Vehicle Type

13. NORTH AMERICA AUTOMOTIVE BIOMETRIC IDENTIFICATION SYSTEMS MARKET OUTLOOK

13.1. Market Size & Forecast

- 13.1.1. By Value
- 13.2. Market Share & Forecast
 - 13.2.1. By Technology
 - 13.2.2. By Sensor Type
 - 13.2.3. By Vehicle Type
 - 13.2.4. By Country (United States, Canada and Mexico)
 - 13.2.4.1. United States Automotive Biometric Identification Systems Market Outlook
 - 13.2.4.1.1. Market Size & Forecast
 - 13.2.4.1.1.1. By Value
 - 13.2.4.1.2. Market Share & Forecast
 - 13.2.4.1.2.1. By Technology
 - 13.2.4.1.2.2. By Sensor Type
 - 13.2.4.1.2.3. By Vehicle Type
 - 13.2.4.2. Canada Automotive Biometric Identification Systems Market Outlook
 - 13.2.4.2.1. Market Size & Forecast
 - 13.2.4.2.1.1. By Value
 - 13.2.4.2.2. Market Share & Forecast
 - 13.2.4.2.2.1. By Technology
 - 13.2.4.2.2.2. By Sensor Type
 - 13.2.4.2.2.3. By Vehicle Type
 - 13.2.4.3. Mexico Automotive Biometric Identification Systems Market Outlook
 - 13.2.4.3.1. Market Size & Forecast
 - 13.2.4.3.1.1. By Value
 - 13.2.4.3.2. Market Share & Forecast
 - 13.2.4.3.2.1. By Technology
 - 13.2.4.3.2.2. By Sensor Type
 - 13.2.4.3.2.3. By Vehicle Type

14. ASIA-PACIFIC AUTOMOTIVE BIOMETRIC IDENTIFICATION SYSTEMS MARKET OUTLOOK

- 14.1. Market Size & Forecast
 - 14.1.1. By Value
- 14.2. Market Share & Forecast
 - 14.2.1. By Technology
 - 14.2.2. By Sensor Type
 - 14.2.3. By Vehicle Type
 - 14.2.4. By Country (China, Japan, South Korea, Indonesia, India, Malaysia, Thailand, Rest of APAC)

- 14.2.4.1. China Automotive Biometric Identification Systems Market Outlook
 - 14.2.4.1.1. Market Size & Forecast
 - 14.2.4.1.1.1. By Value
 - 14.2.4.1.2. Market Share & Forecast
 - 14.2.4.1.2.1. By Technology
 - 14.2.4.1.2.2. By Sensor Type
 - 14.2.4.1.2.3. By Vehicle Type
- 14.2.4.2. Japan Automotive Biometric Identification Systems Market Outlook
 - 14.2.4.2.1. Market Size & Forecast
 - 14.2.4.2.1.1. By Value
 - 14.2.4.2.2. Market Share & Forecast
 - 14.2.4.2.2.1. By Technology
 - 14.2.4.2.2.2. By Sensor Type
 - 14.2.4.2.2.3. By Vehicle Type
- 14.2.4.3. South Korea Automotive Biometric Identification Systems Market Outlook
 - 14.2.4.3.1. Market Size & Forecast
 - 14.2.4.3.1.1. By Value
 - 14.2.4.3.2. Market Share & Forecast
 - 14.2.4.3.2.1. By Technology
 - 14.2.4.3.2.2. By Sensor Type
 - 14.2.4.3.2.3. By Vehicle Type
- 14.2.4.4. Indonesia Automotive Biometric Identification Systems Market Outlook
 - 14.2.4.4.1. Market Size & Forecast
 - 14.2.4.4.1.1. By Value
 - 14.2.4.4.2. Market Share & Forecast
 - 14.2.4.4.2.1. By Technology
 - 14.2.4.4.2.2. By Sensor Type
 - 14.2.4.4.2.3. By Vehicle Type
- 14.2.4.5. India Automotive Biometric Identification Systems Market Outlook
 - 14.2.4.5.1. Market Size & Forecast
 - 14.2.4.5.1.1. By Value
 - 14.2.4.5.2. Market Share & Forecast
 - 14.2.4.5.2.1. By Technology
 - 14.2.4.5.2.2. By Sensor Type
 - 14.2.4.5.2.3. By Vehicle Type
- 14.2.4.6. Malaysia Automotive Biometric Identification Systems Market Outlook
 - 14.2.4.6.1. Market Size & Forecast
 - 14.2.4.6.1.1. By Value
 - 14.2.4.6.2. Market Share & Forecast

- 14.2.4.6.2.1. By Technology
- 14.2.4.6.2.2. By Sensor Type
- 14.2.4.6.2.3. By Vehicle Type
- 14.2.4.7. Thailand Automotive Biometric Identification Systems Market Outlook
 - 14.2.4.7.1. Market Size & Forecast
 - 14.2.4.7.1.1. By Value
 - 14.2.4.7.2. Market Share & Forecast
 - 14.2.4.7.2.1. By Technology
 - 14.2.4.7.2.2. By Sensor Type
 - 14.2.4.7.2.3. By Vehicle Type

15. CONCLUSION

List Of Tables

LIST OF TABLES

Table 1: Recent Developments in Biometric Identification System

Table 2: Car Models with Driver Drowsiness Detection

Table 3: Upcoming Car Models with Biometric identification system

Table 4: Sensor Comparison on the Basis on Various Parameters

Table 5: Few of the Upcoming Passenger Cars with Biometric Identification Systems, 2019

Table 6: Major OEM Plants in Different Regions, By Select Region, 2018

Table 7: France Top Selling Car Brands, 2018

Table 8: Upcoming Model with Advanced Technologies

Table 9: United States Vehicle Theft Data, 2013-2018

Table 10: Top Selling Car Models in US, 2018

Table 11: Thailand Automotive Industry Statistics, By Vehicle Type, By Volume, March 2019

List Of Figures

LIST OF FIGURES

Figure 1: Global Premium and Luxury Car Sales, Million Units, 2015-2018, 2021F & 2024F

Figure 2: Global Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 3: Global Production Statistic, Passenger Cars vs Commercial Vehicles, By Volume (Million Units), 2018

Figure 4: Global Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 5: Global Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 6: Global Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 7: Global Automotive Biometric Identification Systems Market Share, By Region, By Value, 2019E-2024F

Figure 8: Global Automotive Biometric Identification Systems Market Attractiveness Index, By Technology, By Value, 2019E-2024F

Figure 9: Global Automotive Biometric Identification Systems Market Attractiveness Index, By Sensor Type, By Value, 2019E-2024F

Figure 10: Global Automotive Biometric Identification Systems Market Attractiveness Index, By Region, By Value, 2019E-2024F

Figure 11: Europe Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 12: Europe Investment Growth in Automotive Research & Development (%), 2014-2018

Figure 13: Europe Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 14: Europe Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 15: Europe Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 16: Europe Automotive Biometric Identification Systems Market Share, By Country, By Value, 2019E-2024F

Figure 17: Germany Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 18: Germany Biometrics Market Size, By Value, 2016, 2019E and 2022F (USD

Million)

Figure 19: Germany Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 20: Germany Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 21: Germany Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 22: Germany Automotive Industry Overview, 2018

Figure 23: United Kingdom Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 24: United Kingdom Passenger Vehicle Sales, By Brand, By Volume, 2018 (%)

Figure 25: United Kingdom Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 26: United Kingdom Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 27: United Kingdom Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 28: United Kingdom's Passenger Cars Production, By Volume (Thousand Units), 2017 & 2018

Figure 29: United Kingdom's Commercial Vehicles Production, By Volume (Thousand Units), 2017 & 2018

Figure 30: Italy Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 31: Italy Biometrics Market Size, By Value, 2016, 2019E & 2022F (USD Million)

Figure 32: Major Telecom Service Providers in Italy

Figure 33: Italy Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 34: Italy Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 35: Italy Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 36: Italy Infrastructure Investment Current and Future Trend, 2018-2024F (USD Million)

Figure 37: France Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 38: France Automotive Industry Overview, 2018

Figure 39: France Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 40: France Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 41: France Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 42: France Automotive Industry Overview, 2018

Figure 43: Spain Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 44: Spain Population Using Internet (as a Percentage of Total Population), 2013-2017

Figure 45: Spain Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 46: Spain Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 47: Spain Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 48: Spain's Passenger Cars Production, By Volume (Thousand Units), 2017 & 2018

Figure 49: Spain's Commercial Vehicles Production, By Volume (Thousand Units), 2017 & 2018

Figure 50: North America Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 51: North America Death Share, By Road User Type, 2018

Figure 52: North America Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 53: North America Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 54: North America Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 55: North America Automotive Biometric Identification Systems Market Share, By Country, By Value, 2019E-2024F

Figure 56: United States Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 57: United States Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 58: United States Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 59: United States Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 60: Canada Automotive Biometric Identification Systems Market Size, By Value

(USD Million), 2019E-2024F

Figure 61: Canada's Population Using Internet (as a Percentage of Total Population), 2013-2017

Figure 62: Canada Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 63: Canada Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 64: Canada Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 65: Canada's Passenger Cars Production, By Volume (Thousand Units), 2017 & 2018

Figure 66: Canada's Commercial Vehicles Production, By Volume (Thousand Units), 2017 & 2018

Figure 67: Mexico Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 68: Mexico's Population Using Internet (as a Percentage of Total Population), 2013-2017

Figure 69: Mexico Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 70: Mexico Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 71: Mexico Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 72: Mexico's Passenger Cars Production, By Volume (Thousand Units), 2017 & 2018

Figure 73: Mexico's Commercial Vehicles Production, By Volume (Thousand Units), 2017 & 2018

Figure 74: Asia-Pacific Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 75: Asia-Pacific Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 76: Asia-Pacific Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 77: Asia-Pacific Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 78: Major Passenger Car and Commercial Vehicle Production in Asia-Pacific, By Country, 2018 (Million Units)

Figure 79: Asia-Pacific Automotive Biometric Identification Systems Market Share, By Country, By Value, 2019E-2024F

Figure 80: China Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 81: China Biometrics Market Size, By Value, 2016, 2019E & 2022F (USD Million)

Figure 82: China Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 83: China Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 84: China Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 85: Japan Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 86: Japan Passenger Car Production, (Million Units) 2013-2018

Figure 87: Japan Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 88: Japan Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 89: Japan Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 90: Number of Road Accidents in Japan (Thousand), 2013-2017

Figure 91: South Korea Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 92: Major Export destination of Auto Part from South Korea and OEM Component Manufacturers headquartered in South Korea

Figure 93: South Korea Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 94: South Korea Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 95: South Korea Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 96: Indonesia Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 97: Indonesia's Population Using Internet (as a Percentage of Total Population), 2013-2017

Figure 98: Indonesia Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 99: Indonesia Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 100: Indonesia Private Car Theft Data, 2014-2018

Figure 101: Indonesia Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 102: India Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 103: India Road Clash Statistics, By Vehicle Type, 2018

Figure 104: India Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 105: India Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 106: India Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 107: India Luxury Car Market, 2018

Figure 108: Malaysia Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 109: Malaysia Road Accidents Death Index per 10000 Kms

Figure 110: Malaysia Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 111: Malaysia Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 112: Malaysia Private Car Theft Data, 2014-2018

Figure 113: Malaysia Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

Figure 114: Malaysia's Passenger Cars Sales Share, By Brand, By Volume, 2018 (%)

Figure 115: Malaysia's Commercial Vehicles Sales Share, By Brand, By Volume, 2018 (%)

Figure 116: Thailand Automotive Biometric Identification Systems Market Size, By Value (USD Million), 2019E-2024F

Figure 117: Deaths in Thailand, By Road User Category, 2018 (%)

Figure 118: Thailand Automotive Biometric Identification Systems Market Share, By Technology, By Value, 2019E-2024F

Figure 119: Thailand Automotive Biometric Identification Systems Market Share, By Sensor Type, By Value, 2019E-2024F

Figure 120: Thailand Automotive Biometric Identification Systems Market Share, By Vehicle Type, By Value, 2019E-2024F

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