Biometric Vehicle Access System Market by Authentication type (Fingerprint, Voice), Future Technology (Iris Recognition System), Vehicle Type (Passenger Car, Battery Electric Vehicle), and Region - Global Forecast to 2021

Description:
“Growing demand for and awareness regarding safety technologies to drive the biometric vehicle access system market”

The biometric vehicle access system market is estimated to be USD 442.7 million in 2016, and is projected to reach USD 854.8 million by 2021. The market, in terms of value, is projected to grow at a CAGR of 14.06% from 2016 to 2021. Factors such as the increase in vehicle sales, growing awareness regarding vehicle security systems among consumers, government regulations mandating safety features, and increase in vehicle thefts are driving the demand for biometric vehicle access systems. However the rising production costs of premium safety features make these features unaffordable for consumers, and could adversely affect the biometric vehicle access system market.

“Emerging safety standards are a key driver of the fingerprint recognition system market”

The fingerprint recognition system is estimated to account for the largest market share in 2016. There has been a rapid increase in technological advancements in the biometric vehicle access system market. Emergence of industry-wide standards such as the BioAPI (Biometric Application Programming Interface) would trigger growth in the biometric vehicle access system market. BioAPI is a key part of the International Standards which support biometric enrollment and identification systems. As common protocols develop, integration and interoperability of biometric devices across systems are expected to rise. Such flexibility is expected to stimulate the use of biometrics in the automotive segment

“Increasing number of patents and technological advancements would drive the market in European region”

Europe is estimated to be the largest market for biometric vehicle access systems. The Asia-Pacific biometric vehicle access system market, in terms of value, is projected to grow at the highest CAGR from 2016 to 2021. This can be mainly attributed to the rising vehicle production and the increasing installation of safety features in passenger cars, commercial vehicles, and off-highway vehicles. The growth in European market can be attributed to the rising number of patents and technological advancements.

The study contains insights from various industry experts, ranging from component suppliers to Tier 1 companies and OEMs.

The break-up of the primaries is as follows:

- By Company Type - Tier 1 - 42 %, Tier 2 - 32%, Others - 26%
- By Designation - C level - 40%, D level - 29%, Others - 31%
- By Region - North America - 38%, Europe - 22%, Asia-Oceania - 30%, RoW - 10%

Major players profiled in the report are:

- Hitachi Ltd (Japan)
- Fujitsu Ltd. (Japan)
- Safran S.A (France)
- Synaptics Incorporated (U.S.)
- Nuance Communications (U.S)
- Methode Electronics (U.S)
- Methode Electronics (U.S)
- VOXX International (U.S)
- Fingerprint Cards A.B (U.S)
- Voicebox Technologies (U.S)

Research Coverage:
The report provides an insight on biometric vehicle access systems across different authentication types and regions. It aims at estimating the market size and future growth potential of this market across different segments such as authentication type, future technology, vehicle type, and regions. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, SWOT analysis, recent developments, and key market strategies.

Reasons to Buy the Report:

- The report provides insights about the following points:
  - Market Penetration: Comprehensive information about the biometric vehicle access system market offered by the top 10 players in the market.
  - Product Development/Innovation: Detailed insights into upcoming technologies, R&D activities, and new product launches in the biometric vehicle access system market.
  - Market Development: Comprehensive information about types of biometric vehicle access systems. The report analyzes the market for various biometric vehicle access system across regions.
  - Market Diversification: Exhaustive information about new products, untapped regional markets, recent developments, and investments in the biometric vehicle access system market.
  - Competitive Assessment: In-depth assessment of the market shares, strategies, products, and manufacturing capabilities of leading players in the biometric vehicle access system market.

Contents:

1 Introduction
  1.1 Objectives of the Study
  1.2 Market Definition
  1.3 Market Scope
  1.3.1 Biometric Vehicle Access System Market Segmentation
  1.3.2 Years Considered for the Study
  1.4 Currency
  1.5 Package Size
  1.6 Limitations
  1.7 Stakeholders

2 Research Methodology
  2.1 Secondary Data
  2.1.1 Key Secondary Sources
  2.1.2 Key Data from Secondary Sources
  2.2 Primary Data
  2.2.1 Sampling Techniques & Data Collection Methods
  2.2.2 Primary Participants
  2.3 Factor Analysis
  2.3.1 Introduction
  2.3.2 Demand-Side Analysis
  2.3.2.1 Impact of Infrastructure Investment On Vehicle Sales
  2.3.2.2 Urbanization Vs. Passenger Cars Per 1000 People
  2.3.2.3 Increasing Vehicle Production in Developing Economies
  2.3.2.4 Increasing Global Sales of Premium Vehicles
  2.3.3 Supply Side Analysis
  2.3.3.1 Technological Development
  2.4 Market Size Estimation
  2.5 Data Triangulation
  2.6 Assumptions

3 Executive Summary

4 Premium Insights
  4.1 Opportunities in the Biometric Vehicle Access System Market
  4.2 Biometric Vehicle Access System Market, By Region, 2016
  4.3 Biometric Vehicle Access System Market, By Future Technology, 2025
  4.4 Biometric Vehicle Access System Market, By Authentication Type
  4.5 Biometric Vehicle Access System Market, By Battery Electric Vehicle
  4.6 Biometric Vehicle Access System Market - Product Life Cycle

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 Biometric Vehicle Access System Market
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Premium Reductions By Insurance Companies for Vehicles Installed With Biometric Systems
5.3.1.2 Multi-Factor Authentication for Vehicle Safety
5.3.1.3 Increase in Legislations Regarding Biometric Identification Systems
5.3.2 Restraints
5.3.2.1 Potential Failure of Electronic Components Used in Biometric Vehicle Access Systems
5.3.2.2 Increased Price Range of Biometric Systems
5.3.3 Opportunities
5.3.3.1 Rising Demand for Safety Features And Convenience
5.3.3.2 Advent of Concept Cars And Electric Vehicles in the Automotive Industry
5.3.4 Challenges
5.3.4.1 Increased Connectivity Would Induce Risk of Cyber Attacks
5.3.4.2 Weather Conditions Might Hamper the Functionality of Biometric Systems
5.4 Porter's Five Forces Analysis
5.4.1 Threat of New Entrants
5.4.1.1 Limited Players in the Market
5.4.2 Threat of Substitutes
5.4.2.1 Biometric Vehicle Access System is a Growing Technology
5.4.3 Bargaining Power of Suppliers
5.4.3.1 Small Number of Organized Players
5.4.4 Bargaining Power of Buyers
5.4.5 Intensity of Competitive Rivalry
5.4.5.1 High Exit Barriers

6 Biometric Vehicle Access System Market, By Region
6.1 Introduction
6.1.1 North America
6.1.1.1 U.S.
6.1.1.2 Canada
6.1.1.3 Mexico
6.1.2 Europe
6.1.2.1 Germany
6.1.2.2 France
6.1.2.3 U.K.
6.1.2.4 Rest of Europe
6.1.3 Asia-Pacific
6.1.3.1 China
6.1.3.2 Japan
6.1.3.3 South Korea
6.1.3.4 India
6.1.4 Rest of the World
6.1.4.1 Brazil
6.1.4.2 Russia

7 Biometric Vehicle Access System Market, By Authentication Type
7.1 Introduction
7.2 Biometric Vehicle Access System Market Size, By Region
7.2.1 Fingerprint Recognition System
7.3 Voice Recognition System

8 Biometric Vehicle Access System Market, By Future Technology
8.1 Introduction
8.2 Iris Recognition System Market, By Region Type
8.2.1 Asia Pacific
8.3 Europe
8.3.1 European Iris Recognition System Market, By Country
8.4 North America
8.4.1 North America Iris Recognition System Market, By Country
8.5 Rest of World
8.5.1 Rest of the World Iris Recognition System Market, By Country

9 Biometric Vehicle Access System Market, By Vehicle Type
9.1 Introduction
9.2 Biometric Vehicle Access System Market, By Region
9.2.1 Passenger Cars
9.2.2 Battery Electric Vehicle

10 Competitive Landscape
10.1 Overview
10.2 Market Ranking Analysis: Biometric Vehicle Access System Market
10.3 New Product Launches
10.4 Expansions
10.5 Supply Contracts/Agreements/Partnerships
10.6 Joint Ventures/Mergers & Acquisitions
10.7 Glance On Patented Biomteric Technology

11 Company Profiles
(Overview, Financial -, Products & Services, Strategy, And Developments)
11.1 Hitachi Ltd
11.2 Fujitsu Ltd
11.3 Safran S.A
11.4 Synaptics Incorporated
11.5 Nuance Communications
11.6 Methode Electronics
11.7 Hit-GLOBAL
11.8 Voxx International
11.9 Fingerprint Cards Ab
11.10 Voicebox Technologies
- Details Might Not Be Captured in Case of Unlisted Companies

12 Appendix
12.1 Key Insights of Industry Experts
12.2 Discussion Guide
12.3 Knowledge Store: Subscription Portal
12.4 Available Customizations
12.5 Related Reports
12.6 Author Details

List of Tables:
Table 1 Biometric Vehicle Access System Market Size, By Region, 2014-2021, ('000 Units)
Table 2 Biometric Vehicle Access System Market Size, By Region, 2014-2021, (USD Million)
Table 3 North America: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 4 North America: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 5 North America: Biometric Vehicle Access System Market Size, By Country, 2014-2021, ('000 Units)
Table 7 U.S.: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 8 U.S.: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 9 Canada: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 10 Canada: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 11 Mexico: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 12 Mexico: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 13 Europe: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 14 Europe: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 15 Europe: Biometric Vehicle Access System Market Size, By Country, 2014-2021, ('000 Units)
Table 16 Europe: Biometric Vehicle Access System Market Size, By Country, 2014-2021, (USD Million)
Table 17 Germany: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 18 Germany: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 19 France: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 20 France: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 21 U.K.: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, ('000 Units)
Table 22 U.K.: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021, (USD Million)
Table 23 Rest of Europe: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 24 Rest of Europe: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 25 Asia-Pacific: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 26 Asia-Pacific: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 27 Asia-Pacific: Biometric Vehicle Access System Market Size, By Country, 2014-2021 (’000 Units)
Table 28 Asia-Pacific: Biometric Vehicle Access System Market Size, By Country, 2014-2021 (USD Million)
Table 29 China: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 30 China: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 31 Japan: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 32 Japan: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 33 South Korea: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 34 South Korea: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 35 India: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 36 India: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 37 Row: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 38 Row: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 39 Row: Biometric Vehicle Access System Market Size, By Country, 2014-2021 (’000 Units)
Table 40 Row: Biometric Vehicle Access System Market Size, By Country, 2014-2021 (USD Million)
Table 41 Brazil: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 42 Brazil: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 43 Russia: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (’000 Units)
Table 44 Russia: Biometric Vehicle Access System Market Size, By Product Type, 2014-2021 (USD Million)
Table 45 Biometric Vehicle Access System Market Size, By Region, 2014-2021 (’000 Units)
Table 46 Biometric Vehicle Access System Market Size, By Region, 2014-2021 (USD Million)
Table 47 Finger Print Recognition System Market Size, By Region, 2014-2021 (’000 Units)
Table 48 Finger Print Recognition System Market Size, By Region, 2014-2021 (USD Million)
Table 49 Voice Recognition System Market Size, By Region, 2014-2021 (’000 Units)
Table 50 Voice Recognition System Market Size, By Region, 2014-2021 (USD Million)
Table 51 Vehicle Iris Recognition System Market Size, By Region, 2021-2025, (’000 Units)
Table 52 Vehicle Iris Recognition System Market Size, By Region, 2021-2025, (USD Million)
Table 53 Asia Pacific: Iris Recognition System Market Size, By Country, 2021-2025, (’000 Units)
Table 54 Asia Pacific: Iris Recognition Market Size, By Country, 2021-2025, (USD Million)
Table 55 Europe: Iris Recognition System Market Size, By Country, 2021-2025 (’000 Units)
Table 56 Europe: Iris Recognition System Market Size, By Country, 2021-2025 (USD Million)
Table 57 North America: Iris Recognition System Market Size, By Country, 2021-2025, (’000 Units)
Table 58 North America: Iris Recognition System Market Size, By Country, 2021-2025 (USD Million)
Table 59 Rest of World - Iris Recognition System Market Size, By Country, 2021-2025 (’000 Units)
Table 60 Rest of World - Iris Recognition System Market Size, By Country, 2021-2025 (USD Million)
Table 61 Passenger Car Biometric Vehicle Access System, By Region, 2014-2021 (000’ Units)
Table 62 Passenger Car Biometric Vehicle Access System, By Region, 2014-2021 (USD Million)
Table 63 Battery Electric Vehicle Biometric Vehicle Access System, By Region, 2014-2021 (Units)
Table 64 Battery Electric Vehicle Biometric Vehicle Access System, By Region, 2014-2021 (USD Thousand)
Table 65 Biometric Vehicle Access System Market Ranking: 2016
Table 66 New Product Launches, 2013-2016
Table 67 Expansions, 2013-2016
Table 68 Supply Contracts/Agreements/Partnerships, 2013-2016
Table 69 Joint Ventures/Mergers & Acquisitions, 2014-2016

List of Figures:
Figure 1 Biometric Vehicle Access System Market: Research Design
Figure 2 Research Methodology Model
Figure 3 Breakdown of Primary Interviews: By Company Type, Designation, & Region
Figure 4 Urbanization Vs. Passenger Cars Per 1,000 People
Figure 5 Vehicle Production, 2010-2015
Figure 6 Market Size Estimation Methodology: Bottom-Up Approach
Figure 7 Fingerprint Recognition System to Be the Largest Contributor to the Biometric Vehicle Access System Market, By Product Type (2016 & 2021)
Figure 8 Europe Estimated to Be the Largest Contributor to the Biometric Vehicle Access System Market, By Passenger Cars (2016 & 2021)
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