

# **Internet of Vehicle Market by Component (Hardware, Software, and Service), Technology (Bluetooth, Cellular, Wi-Fi, NFC, and Others), and Communication Type (Vehicle-to-Vehicle, Vehicle-to-Infrastructure, and Others) - Global Opportunity Analysis and Industry Forecast, 2017-2024**

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## **Abstracts**

The global Internet of Vehicle market was valued at \$66,075 million in 2017, and is estimated to reach \$208,107 million by 2024, growing at a CAGR of 18.00% from 2018 to 2024. Internet of Vehicles refers to the automation of vehicles, which involves the implementations of IoT technologies into vehicles. The internet of vehicle market growth is expected to witness high demand, owing to rise in technological upgrades in automotive industry, rising internet penetration, introduction of Logistics4.0, and increase in awareness about safety measures across the globe. The Internet of Vehicles (IoV) technology is a pioneering technological innovation that is expected to revolutionize the automotive market. IoV refers to the technology that has various dynamics and communicates between public and vehicle networks using V2V (vehicle-to-vehicle), V2R (vehicle-to-road), V2H (vehicle-to-human), and V2S (vehicle-to-sensor) interactions.

Internet of vehicle is a certain convergence of mobile internet and the Internet of things. It includes the presence of internet in the moving vehicles to extract information about the location, speed, distance, or mishaps on the roads. It is a converged technology that encompasses information, communication, environmental protection, energy conservation, and safety. Internet of Vehicles helps the driver to know the area and avoid collision with the nearby passing vehicles, and even control the speed accordingly. The technology is used for personal as well as business vehicle use. In case of business use, internet of vehicles is the ultimate solution to track the employee

and to assure safety of the business asset.

The North America internet of vehicle market is expected to register the highest CAGR during the forecast period, due to an early adoption of IoV, and continuous launch of new and improved technologies in the region.

The global internet of vehicles market is segmented based on component, technology, communication type, and region. Software, hardware, and service related to the internet of vehicles market are studied under the components segment. Based on communication type, the market is divided into vehicle-to-vehicle, vehicle-to-infrastructure, and others. Based on technology, the market is segmented into Bluetooth, cellular, Wi-Fi, NFC, and Others. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The key players profiled in the report are Ford Motor Co., Texas Instruments Inc., Audi AG, Intel Corporation, SAP, NXP semiconductors, Apple Inc., Google Inc., IBM Corporation, and Cisco Systems Inc. The report analyses the key strategies adopted by these players and presents a detailed analysis of the current trends, upcoming opportunities, and restraints of the internet of vehicles market.

## **KEY BENEFITS FOR STAKEHOLDERS**

In-depth analysis and dynamics of the global internet of vehicle market is provided to understand the market scenario.

Quantitative analysis of the current trends and future estimations from 2017 to 2024 is provided to assist strategists and stakeholders to capitalize on the prevailing market opportunities.

Porter's five forces analysis examines the competitive structure and provides a clear understanding of the factors that influence the market entry and expansion.

A detailed analysis of the geographical segments enables the identification of the profitable segments for the key market players.

A comprehensive analysis of the trends, subsegments, and key revenue pockets of the market is provided.

## **KEY MARKET SEGMENTS**

By Component

*Internet of Vehicle Market by Component (Hardware, Software, and Service), Technology (Bluetooth, Cellular, Wi...*

Software

Hardware

Service

### By Technology

Bluetooth

Cellular

Wi-Fi

NFC

Others

### By Communication Type

Vehicle-To-Vehicle

Vehicle-To-Infrastructure

Others

### By Region

North America

U.S.

Canada

Mexico

## Europe

UK

Germany

France

Rest of Europe

## Asia-Pacific

China

India

Japan

Rest of Asia-Pacific

## LAMEA

Latin America

Middle East

Africa

## **KEY MARKET PLAYERS**

Ford Motor Company

Texas Instruments Inc.

Audi AG

Intel Corporation

SAP

NXP Semiconductors N.V.

Apple Inc.

Google Inc.

IBM Corporation

Cisco Systems Inc.

## Contents

### **CHAPTER 1: INTRODUCTION**

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. RESEARCH METHODOLOGY
  - 1.3.1. Secondary research
  - 1.3.2. Primary research
  - 1.3.3. Analyst tools & models

### **CHAPTER 2: EXECUTIVE SUMMARY**

- 2.1. CXO PERSPECTIVE

### **CHAPTER 3: MARKET OVERVIEW**

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
  - 3.2.1. Top impacting factors
  - 3.2.2. Top investment pockets
  - 3.2.3. Top winning strategies
    - 3.2.3.1. Top winning strategies
    - 3.2.3.2. Top winning strategies
    - 3.2.3.3. Top winning strategies, by company
- 3.3. PORTER'S FIVE FORCES ANALYSIS
- 3.4. MARKET PLAYER POSITIONING
- 3.5. MARKET DYNAMICS
  - 3.5.1. Drivers
    - 3.5.1.1. Rise in the trends of vehicle tracking and safety
    - 3.5.1.2. Adoption of IoT and cloud service
    - 3.5.1.3. Emergence of GID
  - 3.5.2. Restraints
    - 3.5.2.1. Inefficient positioning of vehicle.
    - 3.5.2.2. Loss of data
  - 3.5.3. Opportunities
    - 3.5.3.1. Automated functions
    - 3.5.3.2. Introduction of 5G technology and globalization
    - 3.5.3.3. Reduction in frauds

## **CHAPTER 4: INTERNET OF VEHICLE MARKET, BY COMPONENT**

### **4.1. OVERVIEW**

### **4.2. HARDWARE**

4.2.1. Key market trends, growth factors and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market 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 analysis, by country

### **4.4. SERVICE**

4.4.1. Key market trends, growth factors and opportunities

4.4.2. Market size and forecast, by region

4.4.3. Market analysis, by country

## **CHAPTER 5: INTERNET OF VEHICLE MARKET, BY TECHNOLOGY**

### **5.1. OVERVIEW**

### **5.2. WI-FI**

5.2.1. Key market trends, growth factors and opportunities

5.2.2. Market size and forecast, by region

5.2.3. Market analysis, by country

### **5.3. BLUETOOTH**

5.3.1. Key market trends, growth factors and opportunities

5.3.2. Market size and forecast, by region

5.3.3. Market analysis, by country

### **5.4. NFC**

5.4.1. Key market trends, growth factors and opportunities

5.4.2. Market size and forecast, by region

5.4.3. Market analysis, by country

### **5.5. CELLULAR**

5.5.1. Key market trends, growth factors and opportunities

5.5.2. Market size and forecast, by region

5.5.3. Market analysis, by country

### **5.6. OTHERS**

5.6.1. Key market trends, growth factors and opportunities

5.6.2. Market size and forecast, by region

5.6.3. Market analysis, by country

## **CHAPTER 6: INTERNET OF VEHICLE MARKET, BY COMMUNICATION TYPE**

6.1. OVERVIEW

6.2. VEHICLE-TO-VEHICLE

6.2.1. Key market trends, growth factors and opportunities

6.2.2. Market size and forecast, by region

6.2.3. Market analysis, by country

6.3. VEHICLE-TO-INFRASTRUCTURE

6.3.1. Key market trends, growth factors and opportunities

6.3.2. Market size and forecast, by region

6.3.3. Market analysis, by country

6.4. OTHERS

6.4.1. Key market trends, growth factors and opportunities

6.4.2. Market size and forecast, by region

6.4.3. Market analysis, by country

## **CHAPTER 7: INTERNET OF VEHICLE MARKET, BY GEOGRAPHY**

7.1. OVERVIEW

7.2. NORTH AMERICA

7.2.1. Key market trends, growth factors and opportunities

7.2.2. Market size and forecast, by component

7.2.3. Market size and forecast, by technology

7.2.4. Market size and forecast, by types of communication

7.2.5. Market size and forecast, by country

7.2.6. U.S. Internet of Vehicle market

7.2.6.1. Market size and forecast, by component

7.2.6.2. Market size and forecast, by technology

7.2.6.3. Market size and forecast, by communication type

7.2.7. Canada Internet of Vehicle market

7.2.7.1. Market size and forecast, by component

7.2.7.2. Market size and forecast, by technology

7.2.7.3. Market size and forecast, by communication type

7.2.8. Mexico Internet of Vehicle market

7.2.8.1. Market size and forecast, by component

7.2.8.2. Market size and forecast, by technology

7.2.8.3. Market size and forecast, by communication type



## 7.3. EUROPE

- 7.3.1. Key market trends, growth factors and opportunities
- 7.3.2. Market size and forecast, by component
- 7.3.3. Market size and forecast, by technology
- 7.3.4. Market size and forecast, by types of communication
- 7.3.5. Market size and forecast, by country
- 7.3.6. UK Internet of Vehicle market
  - 7.3.6.1. Market size and forecast, by component
  - 7.3.6.2. Market size and forecast, by technology
  - 7.3.6.3. Market size and forecast, by communication type
- 7.3.7. France Internet of Vehicle market
  - 7.3.7.1. Market size and forecast, by component
  - 7.3.7.2. Market size and forecast, by technology
  - 7.3.7.3. Market size and forecast, by communication type
- 7.3.8. Germany Internet of Vehicle market
  - 7.3.8.1. Market size and forecast, by component
  - 7.3.8.2. Market size and forecast, by technology
  - 7.3.8.3. Market size and forecast, by type of communication
- 7.3.9. Rest of Europe Internet of Vehicle market
  - 7.3.9.1. Market size and forecast, by component
  - 7.3.9.2. Market size and forecast, by technology
  - 7.3.9.3. Market size and forecast, by communication type

## 7.4. ASIA-PACIFIC

- 7.4.1. Key market trends, growth factors and opportunities
- 7.4.2. Market size and forecast, by component
- 7.4.3. Market size and forecast, by technology
- 7.4.4. Market size and forecast, by communication type
- 7.4.5. Market size and forecast, by country
- 7.4.6. China Internet of Vehicle market
  - 7.4.6.1. Market size and forecast, by component
  - 7.4.6.2. Market size and forecast, by technology
  - 7.4.6.3. Market size and forecast, by communication type
- 7.4.7. Japan Internet of Vehicle market
  - 7.4.7.1. Market size and forecast, by component
  - 7.4.7.2. Market size and forecast, by technology
  - 7.4.7.3. Market size and forecast, by communication type
- 7.4.8. India Internet of Vehicle market
  - 7.4.8.1. Market size and forecast, by component
  - 7.4.8.2. Market size and forecast, by technology

- 7.4.8.3. Market size and forecast, by communication type
- 7.4.9. Rest of Asia-Pacific Internet of Vehicle market
  - 7.4.9.1. Market size and forecast, by component
  - 7.4.9.2. Market size and forecast, by technology
  - 7.4.9.3. Market size and forecast, by communication type
- 7.5. LAMEA
  - 7.5.1. Key market trends, growth factors and opportunities
  - 7.5.2. Market size and forecast, by component
  - 7.5.3. Market size and forecast, by technology
  - 7.5.4. Market size and forecast, by type of communication
  - 7.5.5. Market size and forecast, by country
  - 7.5.6. Latin America Internet of Vehicle market
    - 7.5.6.1. Market size and forecast, by component
    - 7.5.6.2. Market size and forecast, by technology
    - 7.5.6.3. Market size and forecast, by communication type
  - 7.5.7. Middle East Internet of Vehicle market
    - 7.5.7.1. Market size and forecast, by component
    - 7.5.7.2. Market size and forecast, by technology
    - 7.5.7.3. Market size and forecast, by communication type
  - 7.5.8. Africa Internet of Vehicle market
    - 7.5.8.1. Market size and forecast, by component
    - 7.5.8.2. Market size and forecast, by technology
    - 7.5.8.3. Market size and forecast, by communication type

## **CHAPTER 8: COMPANY PROFILES**

- 8.1. FORD MOTOR COMPANY
  - 8.1.1. Company overview
  - 8.1.2. Company snapshot
  - 8.1.3. Product portfolio
  - 8.1.4. Business performance
  - 8.1.5. Key strategic moves and developments
- 8.2. TEXAS INSTRUMENTS INC.
  - 8.2.1. Company overview
  - 8.2.2. Company snapshot
  - 8.2.3. Product portfolio
  - 8.2.4. Business performance
  - 8.2.5. Key strategic moves and developments
- 8.3. AUDI AG

- 8.3.1. Company overview
- 8.3.2. Company snapshot
- 8.3.3. Product portfolio
- 8.3.4. Business performance
- 8.3.5. Key strategic moves and developments
- 8.4. INTEL CORPORATION
  - 8.4.1. Company overview
  - 8.4.2. Company snapshot
  - 8.4.3. Product portfolio
  - 8.4.4. Business performance
  - 8.4.5. Key strategic moves and developments
- 8.5. SAP
  - 8.5.1. Company overview
  - 8.5.2. Company snapshot
  - 8.5.3. Product portfolio
  - 8.5.4. Business performance
  - 8.5.5. Key strategic moves and developments
- 8.6. NXP SEMICONDUCTORS N.V.
  - 8.6.1. Company overview
  - 8.6.2. Company snapshot
  - 8.6.3. Product portfolio
  - 8.6.4. Business performance
  - 8.6.5. Key strategic moves and developments
- 8.7. APPLE INC.
  - 8.7.1. Company overview
  - 8.7.2. Company snapshot
  - 8.7.3. Product Portfolio
  - 8.7.4. Business performance
  - 8.7.5. Key strategic moves and developments
- 8.8. GOOGLE INC.
  - 8.8.1. Company overview
  - 8.8.2. Company snapshot
  - 8.8.3. Product portfolio
  - 8.8.4. Business performance
  - 8.8.5. Key strategic moves and developments
- 8.9. IBM CORPORATION
  - 8.9.1. Company overview
  - 8.9.2. Company snapshot
  - 8.9.3. Product portfolio

8.9.4. Business performance

8.9.5. Key strategic moves and developments

8.10. CISCO SYSTEMS INC.

8.10.1. Company overview

8.10.2. Company snapshot

8.10.3. Product portfolio

8.10.4. Business performance

8.10.5. Key strategic moves and developments

## List Of Tables

### LIST OF TABLES

- TABLE 01. GLOBAL INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 2015-2024 (\$MILLION)
- TABLE 02. INTERNET OF VEHICLE MARKET REVENUE FOR HARDWARE, BY REGION, 2015-2024 (\$MILLION)
- TABLE 03. INTERNET OF VEHICLE MARKET REVENUE FOR SOFTWARE, BY REGION, 2015-2024 (\$MILLION)
- TABLE 04. INTERNET OF VEHICLE MARKET REVENUE FOR SERVICES, BY REGION, 2015-2024 (\$MILLION)
- TABLE 05. GLOBAL INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 2015-2024 (\$MILLION)
- TABLE 06. INTERNET OF VEHICLE MARKET REVENUE FOR WI-FI, BY REGION, 2015-2024 (\$MILLION)
- TABLE 07. INTERNET OF VEHICLE MARKET REVENUE FOR BLUETOOTH, BY REGION, 2015-2024 (\$MILLION)
- TABLE 08. INTERNET OF VEHICLE MARKET REVENUE FOR NFC, BY REGION, 2015-2024 (\$MILLION)
- TABLE 09. INTERNET OF VEHICLE MARKET REVENUE FOR CELLULAR, BY REGION, 2015-2024 (\$MILLION)
- TABLE 10. INTERNET OF VEHICLE MARKET REVENUE FOR OTHER TECHNOLOGIES, BY REGION, 2015-2024 (\$MILLION)
- TABLE 11. GLOBAL INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 2015-2024 (\$MILLION)
- TABLE 12. INTERNET OF VEHICLE MARKET REVENUE FOR V2V COMMUNICATION, BY REGION, 2015-2024 (\$MILLION)
- TABLE 13. INTERNET OF VEHICLE MARKET REVENUE FOR V2I, BY REGION, 2015-2024 (\$MILLION)
- TABLE 14. INTERNET OF VEHICLE MARKET REVENUE FOR OTHER COMMUNICATIONS, BY REGION, 2015-2024 (\$MILLION)
- TABLE 15. GLOBAL INTERNET OF VEHICLE MARKET REVENUE, BY GEOGRAPHY, 2015-2024 (\$MILLION)
- TABLE 16. NORTH AMERICA INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 2015-2024 (\$MILLION)
- TABLE 17. NORTH AMERICA INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 2015-2024 (\$MILLION)
- TABLE 18. NORTH AMERICA INTERNET OF VEHICLE MARKET REVENUE,

COMMUNICATION TYPES, 20152024 (\$MILLION)

TABLE 19. NORTH AMERICA INTERNET OF VEHICLE MARKET REVENUE, BY COUNTRY, 20152024 (\$MILLION)

TABLE 20. U.S. INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 21. U.S. INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 22. U.S. INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152024 (\$MILLION)

TABLE 23. CANADA INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 24. CANADA INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 25. CANADA INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPES, 20152024 (\$MILLION)

TABLE 26. MEXICO INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 27. MEXICO INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152023 (\$MILLION)

TABLE 28. MEXICO INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPES, 20152024 (\$MILLION)

TABLE 29. EUROPE INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 30. EUROPE INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 31. EUROPE INTERNET OF VEHICLE MARKET REVENUE, BY TYPE OF COMMUNICATION, 20152024 (\$MILLION)

TABLE 32. EUROPE INTERNET OF VEHICLE MARKET REVENUE, BY COUNTRY, 20152024 (\$MILLION)

TABLE 33. UK INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20172023 (\$MILLION)

TABLE 34. UK INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 35. UK INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152024 (\$MILLION)

TABLE 36. FRANCE INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152023 (\$MILLION)

TABLE 37. FRANCE INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 38. FRANCE INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152024 (\$MILLION)

TABLE 39. GERMANY INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 40. GERMANY INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 41. GERMANY INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152023 (\$MILLION)

TABLE 42. REST OF EUROPE INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 43. REST OF EUROPE INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 44. REST OF EUROPE INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152024 (\$MILLION)

TABLE 45. ASIA-PACIFIC INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 46. ASIA-PACIFIC INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 47. ASIA-PACIFIC INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152024 (\$MILLION)

TABLE 48. ASIA-PACIFIC INTERNET OF VEHICLE MARKET REVENUE, BY COUNTRY, 20152024 (\$MILLION)

TABLE 49. CHINA INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 50. CHINA INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 51. CHINA INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152024 (\$MILLION)

TABLE 52. JAPAN INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20152024 (\$MILLION)

TABLE 53. JAPAN INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20152024 (\$MILLION)

TABLE 54. JAPAN INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 20152023 (\$MILLION)

TABLE 55. INDIA INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 20172024 (\$MILLION)

TABLE 56. INDIA INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 20172024 (\$MILLION)

TABLE 57. INDIA INTERNET OF VEHICLE MARKET REVENUE, BY



COMMUNICATION TYPE, 2017-2023 (\$MILLION)

TABLE 58. REST OF ASIA-PACIFIC INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 2017-2024 (\$MILLION)

TABLE 59. REST OF ASIA-PACIFIC INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 2017-2024 (\$MILLION)

TABLE 60. REST OF ASIA-PACIFIC INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 2017-2023 (\$MILLION)

TABLE 61. LAMEA INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 2017-2024 (\$MILLION)

TABLE 62. LAMEA INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 2017-2024 (\$MILLION)

TABLE 63. LAMEA INTERNET OF VEHICLE MARKET REVENUE, BY TYPE OF COMMUNICATION, 2017-2024 (\$MILLION)

TABLE 64. LAMEA INTERNET OF VEHICLE MARKET REVENUE, BY COUNTRY, 2017-2024 (\$MILLION)

TABLE 65. LATIN AMERICA INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 2017-2024 (\$MILLION)

TABLE 66. LATIN AMERICA INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 2017-2024 (\$MILLION)

TABLE 67. LATIN AMERICA INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 2017-2024 (\$MILLION)

TABLE 68. MIDDLE EAST INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 2017-2024 (\$MILLION)

TABLE 69. MIDDLE EAST INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 2017-2024 (\$MILLION)

TABLE 70. MIDDLE EAST INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 2015-2024(\$MILLION)

TABLE 71. AFRICA INTERNET OF VEHICLE MARKET REVENUE, BY COMPONENT, 2015-2024(\$MILLION)

TABLE 72. AFRICA INTERNET OF VEHICLE MARKET REVENUE, BY TECHNOLOGY, 2015-2024(\$MILLION)

TABLE 73. AFRICA INTERNET OF VEHICLE MARKET REVENUE, BY COMMUNICATION TYPE, 2015-2024(\$MILLION)



## List Of Figures

### LIST OF FIGURES

- FIGURE 01. GLOBAL INTERNET OF VEHICLE MARKET, 2017-2024
- FIGURE 02. GLOBAL INTERNET OF VEHICLE MARKET, BY REGION, 2017-2024
- FIGURE 03. GLOBAL INTERNET OF VEHICLE MARKET: KEY PLAYERS
- FIGURE 04. GLOBAL INTERNET OF VEHICLE MARKET SEGMENTATION
- FIGURE 05. TOP IMPACTING FACTORS
- FIGURE 06. TOP INVESTMENT POCKETS
- FIGURE 07. TOP WINNING STRATEGIES
- FIGURE 08. TOP WINNING STRATEGIES, BY DEVELOPMENT
- FIGURE 09. TOP WINNING STRATEGIES, BY COMPANY
- FIGURE 10. HIGH BARGAINING POWER OF BUYERS
- FIGURE 11. MODERATE BARGAINING POWER OF SUPPLIERS
- FIGURE 12. MODERATE THREAT OF NEW ENTRANTS
- FIGURE 13. MODERATE THREAT OF SUBSTITUTES
- FIGURE 14. HIGH COMPETITIVE RIVALRY
- FIGURE 15. MARKET PLAYER POSITIONING
- FIGURE 16. DRIVERS, RESTRAINTS, AND OPPORTUNITIES
- FIGURE 17. U.S. INTERNET OF VEHICLE MARKET, 2017-2024 (\$ MILLION)
- FIGURE 18. CANADA INTERNET OF VEHICLE MARKET, 2017-2024 (\$ MILLION)
- FIGURE 19. MEXICO INTERNET OF VEHICLE MARKET, 2017-2024 (\$ MILLION)
- FIGURE 20. UK INTERNET OF VEHICLE MARKET, 2017-2024 (\$MILLIONS)
- FIGURE 21. FRANCE INTERNET OF VEHICLE MARKET, 2017-2024(\$MILLION)
- FIGURE 22. GERMANY INTERNET OF VEHICLE MARKET, 2017-2024 (\$MILLION)
- FIGURE 23. REST OF EUROPE INTERNET OF VEHICLE MARKET, 2017-2024 (\$MILLION)
- FIGURE 24. CHINA INTERNET OF VEHICLE MARKET, 2017-2024 (\$MILLION)
- FIGURE 25. JAPAN INTERNET OF VEHICLE MARKET, 2017-2024 (\$MILLION)
- FIGURE 26. INDIA INTERNET OF VEHICLE MARKET, 2016-2024(\$MILLION)
- FIGURE 27. REST OF ASIA-PACIFIC INTERNET OF VEHICLE MARKET, 2016-2024 (\$MILLION)
- FIGURE 28. LATIN AMERICA INTERNET OF VEHICLE, 2017-2024 (\$MILLION)
- FIGURE 29. MIDDLE EAST INTERNET OF VEHICLE MARKET, 2016-2024 (\$MILLION)
- FIGURE 30. AFRICA INTERNET OF VEHICLE MARKET, 2017-2024(\$ MILLION)
- FIGURE 31. FORD MOTOR COMPANY: NET SALES
- FIGURE 32. FORD MOTOR COMPANY: REVENUE BY SEGMENT

- FIGURE 33. FORD MOTOR COMPANY: REVENUE BY GEOGRAPHY
- FIGURE 34. TEXAS INSTRUMENTS INC: NET SALES
- FIGURE 35. TEXAS INSTRUMENTS INC: REVENUE BY SEGMENT
- FIGURE 36. TEXAS INSTRUMENTS INC: REVENUE BY GEOGRAPHY
- FIGURE 37. AUDI AG: NET SALES
- FIGURE 38. AUDI AG: REVENUE BY SEGMENT
- FIGURE 39. INTEL CORPORATION.: NET SALES
- FIGURE 40. INTEL CORPORATION: REVENUE BY SEGMENT
- FIGURE 41. INTEL CORPORATION: REVENUE BY GEOGRAPHY
- FIGURE 42. SAP CORPORATION.: NET SALES
- FIGURE 43. NXP SEMICONDUCTORS N.V.: NET SALES
- FIGURE 44. NXP SEMICONDUCTORS N.V.: REVENUE BY PRODUCT
- FIGURE 45. MICROSOFT CORPORATION: REVENUE BY GEOGRAPHY
- FIGURE 46. APPLE INC.: NET SALES
- FIGURE 47. APPLE INC.: REVENUE BY PRODUCT
- FIGURE 48. APPLE INC.: REVENUE BY GEOGRAPHY
- FIGURE 49. GOOGLE INC.: NET SALES
- FIGURE 50. GOOGLE INC.: REVENUE BY PRODUCT
- FIGURE 51. GOOGLE INC.: REVENUE BY GEOGRAPHY
- FIGURE 52. IBM CORPORATION: NET SALES
- FIGURE 53. IBM CORPORATIOPN.: REVENUE BY PRODUCT
- FIGURE 54. IBM CORPORATION: REVENUE BY GEOGRAPHY
- FIGURE 55. CISCO SYSTEMS INC.: NET SALES
- FIGURE 56. CISCO SYSTEMS INC.: REVENUE BY PRODUCT
- FIGURE 57. CISCO SYSTEMS INC.: REVENUE BY GEOGRAPHY

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