

# Global Vehicle-to-Infrastructure (V2I) Communication Market Growth (Status and Outlook) 2023-2029

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## Abstracts

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Vehicle-to-Infrastructure (V2I) communication is the wireless exchange of data between vehicles and road infrastructure. Enabled by a system of hardware, software, and firmware, V2I communication is typically wireless and bi-directional: infrastructure components such as lane markings, road signs, and traffic lights can wirelessly provide information to the vehicle, and vice versa. With so much data being captured and shared, rich, timely information can be used to enable a wide range of safety, mobility, and environmental benefits.

LPI (LP Information)' newest research report, the "Vehicle-to-Infrastructure (V2I) Communication Industry Forecast" looks at past sales and reviews total world Vehicle-to-Infrastructure (V2I) Communication sales in 2022, providing a comprehensive analysis by region and market sector of projected Vehicle-to-Infrastructure (V2I) Communication sales for 2023 through 2029. With Vehicle-to-Infrastructure (V2I) Communication sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Vehicle-to-Infrastructure (V2I) Communication industry.

This Insight Report provides a comprehensive analysis of the global Vehicle-to-Infrastructure (V2I) Communication landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Vehicle-to-Infrastructure (V2I) Communication portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global

## Vehicle-to-Infrastructure (V2I) Communication market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Vehicle-to-Infrastructure (V2I) Communication and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Vehicle-to-Infrastructure (V2I) Communication.

The global Vehicle-to-Infrastructure (V2I) Communication market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Vehicle-to-Infrastructure (V2I) Communication is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Vehicle-to-Infrastructure (V2I) Communication is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Vehicle-to-Infrastructure (V2I) Communication is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Vehicle-to-Infrastructure (V2I) Communication players cover Robert Bosch, Infineon Technologies, Audi, AT&T, Daimler, Qualcomm Incorporated, Unex Technology, MediaTek and Quectel Wireless Solutions, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Vehicle-to-Infrastructure (V2I) Communication market by product type, application, key players and key regions and countries.

Market Segmentation:

Segmentation by type

Hardware

Software

Services

### Segmentation by application

Dedicated Short Range Communication (DSRC)

Cellular

Wi-Fi

WiMAX

Others

### This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Robert Bosch

Infineon Technologies

Audi

AT&T

Daimler

Qualcomm Incorporated

Unex Technology

MediaTek

Quectel Wireless Solutions

Savari

Delphi Automotive

Renesas Electronics

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Vehicle-to-Infrastructure (V2I) Communication Market Size 2018-2029
  - 2.1.2 Vehicle-to-Infrastructure (V2I) Communication Market Size CAGR by Region 2018 VS 2022 VS 2029
- 2.2 Vehicle-to-Infrastructure (V2I) Communication Segment by Type
  - 2.2.1 Hardware
  - 2.2.2 Software
  - 2.2.3 Services
- 2.3 Vehicle-to-Infrastructure (V2I) Communication Market Size by Type
  - 2.3.1 Vehicle-to-Infrastructure (V2I) Communication Market Size CAGR by Type (2018 VS 2022 VS 2029)
  - 2.3.2 Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)
- 2.4 Vehicle-to-Infrastructure (V2I) Communication Segment by Application
  - 2.4.1 Dedicated Short Range Communication (DSRC)
  - 2.4.2 Cellular
  - 2.4.3 Wi-Fi
  - 2.4.4 WiMAX
  - 2.4.5 Others
- 2.5 Vehicle-to-Infrastructure (V2I) Communication Market Size by Application
  - 2.5.1 Vehicle-to-Infrastructure (V2I) Communication Market Size CAGR by Application (2018 VS 2022 VS 2029)
  - 2.5.2 Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

### **3 VEHICLE-TO-INFRASTRUCTURE (V2I) COMMUNICATION MARKET SIZE BY PLAYER**

#### 3.1 Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Players

3.1.1 Global Vehicle-to-Infrastructure (V2I) Communication Revenue by Players (2018-2023)

3.1.2 Global Vehicle-to-Infrastructure (V2I) Communication Revenue Market Share by Players (2018-2023)

3.2 Global Vehicle-to-Infrastructure (V2I) Communication Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2021-2023)

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

### **4 VEHICLE-TO-INFRASTRUCTURE (V2I) COMMUNICATION BY REGIONS**

4.1 Vehicle-to-Infrastructure (V2I) Communication Market Size by Regions (2018-2023)

4.2 Americas Vehicle-to-Infrastructure (V2I) Communication Market Size Growth (2018-2023)

4.3 APAC Vehicle-to-Infrastructure (V2I) Communication Market Size Growth (2018-2023)

4.4 Europe Vehicle-to-Infrastructure (V2I) Communication Market Size Growth (2018-2023)

4.5 Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size Growth (2018-2023)

### **5 AMERICAS**

5.1 Americas Vehicle-to-Infrastructure (V2I) Communication Market Size by Country (2018-2023)

5.2 Americas Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023)

5.3 Americas Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Vehicle-to-Infrastructure (V2I) Communication Market Size by Region (2018-2023)

6.2 APAC Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023)

6.3 APAC Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023)

6.4 China

6.5 Japan

6.6 Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

## **7 EUROPE**

7.1 Europe Vehicle-to-Infrastructure (V2I) Communication by Country (2018-2023)

7.2 Europe Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023)

7.3 Europe Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication by Region (2018-2023)

8.2 Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023)

8.3 Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023)



8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 GLOBAL VEHICLE-TO-INFRASTRUCTURE (V2I) COMMUNICATION MARKET FORECAST**

10.1 Global Vehicle-to-Infrastructure (V2I) Communication Forecast by Regions (2024-2029)

10.1.1 Global Vehicle-to-Infrastructure (V2I) Communication Forecast by Regions (2024-2029)

10.1.2 Americas Vehicle-to-Infrastructure (V2I) Communication Forecast

10.1.3 APAC Vehicle-to-Infrastructure (V2I) Communication Forecast

10.1.4 Europe Vehicle-to-Infrastructure (V2I) Communication Forecast

10.1.5 Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Forecast

10.2 Americas Vehicle-to-Infrastructure (V2I) Communication Forecast by Country (2024-2029)

10.2.1 United States Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.2.2 Canada Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.2.3 Mexico Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.2.4 Brazil Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.3 APAC Vehicle-to-Infrastructure (V2I) Communication Forecast by Region (2024-2029)

10.3.1 China Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.3.2 Japan Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.3.3 Korea Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.3.4 Southeast Asia Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.3.5 India Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.3.6 Australia Vehicle-to-Infrastructure (V2I) Communication Market Forecast

10.4 Europe Vehicle-to-Infrastructure (V2I) Communication Forecast by Country (2024-2029)

- 10.4.1 Germany Vehicle-to-Infrastructure (V2I) Communication Market Forecast
- 10.4.2 France Vehicle-to-Infrastructure (V2I) Communication Market Forecast
- 10.4.3 UK Vehicle-to-Infrastructure (V2I) Communication Market Forecast
- 10.4.4 Italy Vehicle-to-Infrastructure (V2I) Communication Market Forecast
- 10.4.5 Russia Vehicle-to-Infrastructure (V2I) Communication Market Forecast
- 10.5 Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Forecast by Region (2024-2029)
  - 10.5.1 Egypt Vehicle-to-Infrastructure (V2I) Communication Market Forecast
  - 10.5.2 South Africa Vehicle-to-Infrastructure (V2I) Communication Market Forecast
  - 10.5.3 Israel Vehicle-to-Infrastructure (V2I) Communication Market Forecast
  - 10.5.4 Turkey Vehicle-to-Infrastructure (V2I) Communication Market Forecast
  - 10.5.5 GCC Countries Vehicle-to-Infrastructure (V2I) Communication Market Forecast
- 10.6 Global Vehicle-to-Infrastructure (V2I) Communication Forecast by Type (2024-2029)
- 10.7 Global Vehicle-to-Infrastructure (V2I) Communication Forecast by Application (2024-2029)

## **11 KEY PLAYERS ANALYSIS**

- 11.1 Robert Bosch
  - 11.1.1 Robert Bosch Company Information
  - 11.1.2 Robert Bosch Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.1.3 Robert Bosch Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)
  - 11.1.4 Robert Bosch Main Business Overview
  - 11.1.5 Robert Bosch Latest Developments
- 11.2 Infineon Technologies
  - 11.2.1 Infineon Technologies Company Information
  - 11.2.2 Infineon Technologies Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.2.3 Infineon Technologies Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)
  - 11.2.4 Infineon Technologies Main Business Overview
  - 11.2.5 Infineon Technologies Latest Developments
- 11.3 Audi
  - 11.3.1 Audi Company Information
  - 11.3.2 Audi Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.3.3 Audi Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)

- 11.3.4 Audi Main Business Overview
- 11.3.5 Audi Latest Developments
- 11.4 AT&T
  - 11.4.1 AT&T Company Information
  - 11.4.2 AT&T Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.4.3 AT&T Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)
  - 11.4.4 AT&T Main Business Overview
  - 11.4.5 AT&T Latest Developments
- 11.5 Daimler
  - 11.5.1 Daimler Company Information
  - 11.5.2 Daimler Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.5.3 Daimler Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)
  - 11.5.4 Daimler Main Business Overview
  - 11.5.5 Daimler Latest Developments
- 11.6 Qualcomm Incorporated
  - 11.6.1 Qualcomm Incorporated Company Information
  - 11.6.2 Qualcomm Incorporated Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.6.3 Qualcomm Incorporated Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)
  - 11.6.4 Qualcomm Incorporated Main Business Overview
  - 11.6.5 Qualcomm Incorporated Latest Developments
- 11.7 Unex Technology
  - 11.7.1 Unex Technology Company Information
  - 11.7.2 Unex Technology Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.7.3 Unex Technology Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)
  - 11.7.4 Unex Technology Main Business Overview
  - 11.7.5 Unex Technology Latest Developments
- 11.8 MediaTek
  - 11.8.1 MediaTek Company Information
  - 11.8.2 MediaTek Vehicle-to-Infrastructure (V2I) Communication Product Offered
  - 11.8.3 MediaTek Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)
  - 11.8.4 MediaTek Main Business Overview
  - 11.8.5 MediaTek Latest Developments

## 11.9 Quectel Wireless Solutions

### 11.9.1 Quectel Wireless Solutions Company Information

### 11.9.2 Quectel Wireless Solutions Vehicle-to-Infrastructure (V2I) Communication Product Offered

### 11.9.3 Quectel Wireless Solutions Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)

### 11.9.4 Quectel Wireless Solutions Main Business Overview

### 11.9.5 Quectel Wireless Solutions Latest Developments

## 11.10 Savari

### 11.10.1 Savari Company Information

### 11.10.2 Savari Vehicle-to-Infrastructure (V2I) Communication Product Offered

### 11.10.3 Savari Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)

### 11.10.4 Savari Main Business Overview

### 11.10.5 Savari Latest Developments

## 11.11 Delphi Automotive

### 11.11.1 Delphi Automotive Company Information

### 11.11.2 Delphi Automotive Vehicle-to-Infrastructure (V2I) Communication Product Offered

### 11.11.3 Delphi Automotive Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)

### 11.11.4 Delphi Automotive Main Business Overview

### 11.11.5 Delphi Automotive Latest Developments

## 11.12 Renesas Electronics

### 11.12.1 Renesas Electronics Company Information

### 11.12.2 Renesas Electronics Vehicle-to-Infrastructure (V2I) Communication Product Offered

### 11.12.3 Renesas Electronics Vehicle-to-Infrastructure (V2I) Communication Revenue, Gross Margin and Market Share (2018-2023)

### 11.12.4 Renesas Electronics Main Business Overview

### 11.12.5 Renesas Electronics Latest Developments

## **12 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Vehicle-to-Infrastructure (V2I) Communication Market Size CAGR by Region (2018 VS 2022 VS 2029) & (\$ Millions)

Table 2. Major Players of Hardware

Table 3. Major Players of Software

Table 4. Major Players of Services

Table 5. Vehicle-to-Infrastructure (V2I) Communication Market Size CAGR by Type (2018 VS 2022 VS 2029) & (\$ Millions)

Table 6. Global Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023) & (\$ Millions)

Table 7. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)

Table 8. Vehicle-to-Infrastructure (V2I) Communication Market Size CAGR by Application (2018 VS 2022 VS 2029) & (\$ Millions)

Table 9. Global Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023) & (\$ Millions)

Table 10. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

Table 11. Global Vehicle-to-Infrastructure (V2I) Communication Revenue by Players (2018-2023) & (\$ Millions)

Table 12. Global Vehicle-to-Infrastructure (V2I) Communication Revenue Market Share by Player (2018-2023)

Table 13. Vehicle-to-Infrastructure (V2I) Communication Key Players Head office and Products Offered

Table 14. Vehicle-to-Infrastructure (V2I) Communication Concentration Ratio (CR3, CR5 and CR10) & (2021-2023)

Table 15. New Products and Potential Entrants

Table 16. Mergers & Acquisitions, Expansion

Table 17. Global Vehicle-to-Infrastructure (V2I) Communication Market Size by Regions 2018-2023 & (\$ Millions)

Table 18. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Regions (2018-2023)

Table 19. Global Vehicle-to-Infrastructure (V2I) Communication Revenue by Country/Region (2018-2023) & (\$ millions)

Table 20. Global Vehicle-to-Infrastructure (V2I) Communication Revenue Market Share by Country/Region (2018-2023)

Table 21. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size by Country (2018-2023) & (\$ Millions)

Table 22. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Country (2018-2023)

Table 23. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023) & (\$ Millions)

Table 24. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)

Table 25. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023) & (\$ Millions)

Table 26. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

Table 27. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size by Region (2018-2023) & (\$ Millions)

Table 28. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Region (2018-2023)

Table 29. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023) & (\$ Millions)

Table 30. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)

Table 31. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023) & (\$ Millions)

Table 32. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

Table 33. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size by Country (2018-2023) & (\$ Millions)

Table 34. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Country (2018-2023)

Table 35. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023) & (\$ Millions)

Table 36. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)

Table 37. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023) & (\$ Millions)

Table 38. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

Table 39. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size by Region (2018-2023) & (\$ Millions)

Table 40. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market

## Size Market Share by Region (2018-2023)

Table 41. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size by Type (2018-2023) & (\$ Millions)

Table 42. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)

Table 43. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size by Application (2018-2023) & (\$ Millions)

Table 44. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

Table 45. Key Market Drivers & Growth Opportunities of Vehicle-to-Infrastructure (V2I) Communication

Table 46. Key Market Challenges & Risks of Vehicle-to-Infrastructure (V2I) Communication

Table 47. Key Industry Trends of Vehicle-to-Infrastructure (V2I) Communication

Table 48. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Forecast by Regions (2024-2029) & (\$ Millions)

Table 49. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share Forecast by Regions (2024-2029)

Table 50. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Forecast by Type (2024-2029) & (\$ Millions)

Table 51. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Forecast by Application (2024-2029) & (\$ Millions)

Table 52. Robert Bosch Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication Area Served and Its Competitors

Table 53. Robert Bosch Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 54. Robert Bosch Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 55. Robert Bosch Main Business

Table 56. Robert Bosch Latest Developments

Table 57. Infineon Technologies Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication Area Served and Its Competitors

Table 58. Infineon Technologies Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 59. Infineon Technologies Main Business

Table 60. Infineon Technologies Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 61. Infineon Technologies Latest Developments

Table 62. Audi Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication Area Served and Its Competitors

Table 63. Audi Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 64. Audi Main Business

Table 65. Audi Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million),  
Gross Margin and Market Share (2018-2023)

Table 66. Audi Latest Developments

Table 67. AT&T Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication  
Area Served and Its Competitors

Table 68. AT&T Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 69. AT&T Main Business

Table 70. AT&T Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million),  
Gross Margin and Market Share (2018-2023)

Table 71. AT&T Latest Developments

Table 72. Daimler Details, Company Type, Vehicle-to-Infrastructure (V2I)  
Communication Area Served and Its Competitors

Table 73. Daimler Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 74. Daimler Main Business

Table 75. Daimler Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million),  
Gross Margin and Market Share (2018-2023)

Table 76. Daimler Latest Developments

Table 77. Qualcomm Incorporated Details, Company Type, Vehicle-to-Infrastructure  
(V2I) Communication Area Served and Its Competitors

Table 78. Qualcomm Incorporated Vehicle-to-Infrastructure (V2I) Communication  
Product Offered

Table 79. Qualcomm Incorporated Main Business

Table 80. Qualcomm Incorporated Vehicle-to-Infrastructure (V2I) Communication  
Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 81. Qualcomm Incorporated Latest Developments

Table 82. Unex Technology Details, Company Type, Vehicle-to-Infrastructure (V2I)  
Communication Area Served and Its Competitors

Table 83. Unex Technology Vehicle-to-Infrastructure (V2I) Communication Product  
Offered

Table 84. Unex Technology Main Business

Table 85. Unex Technology Vehicle-to-Infrastructure (V2I) Communication Revenue (\$  
million), Gross Margin and Market Share (2018-2023)

Table 86. Unex Technology Latest Developments

Table 87. MediaTek Details, Company Type, Vehicle-to-Infrastructure (V2I)  
Communication Area Served and Its Competitors

Table 88. MediaTek Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 89. MediaTek Main Business



Table 90. MediaTek Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 91. MediaTek Latest Developments

Table 92. Quectel Wireless Solutions Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication Area Served and Its Competitors

Table 93. Quectel Wireless Solutions Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 94. Quectel Wireless Solutions Main Business

Table 95. Quectel Wireless Solutions Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 96. Quectel Wireless Solutions Latest Developments

Table 97. Savari Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication Area Served and Its Competitors

Table 98. Savari Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 99. Savari Main Business

Table 100. Savari Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 101. Savari Latest Developments

Table 102. Delphi Automotive Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication Area Served and Its Competitors

Table 103. Delphi Automotive Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 104. Delphi Automotive Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 105. Delphi Automotive Main Business

Table 106. Delphi Automotive Latest Developments

Table 107. Renesas Electronics Details, Company Type, Vehicle-to-Infrastructure (V2I) Communication Area Served and Its Competitors

Table 108. Renesas Electronics Vehicle-to-Infrastructure (V2I) Communication Product Offered

Table 109. Renesas Electronics Main Business

Table 110. Renesas Electronics Vehicle-to-Infrastructure (V2I) Communication Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 111. Renesas Electronics Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Vehicle-to-Infrastructure (V2I) Communication Report Years Considered

Figure 2. Research Objectives

Figure 3. Research Methodology

Figure 4. Research Process and Data Source

Figure 5. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Growth Rate 2018-2029 (\$ Millions)

Figure 6. Vehicle-to-Infrastructure (V2I) Communication Sales by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Figure 7. Vehicle-to-Infrastructure (V2I) Communication Sales Market Share by Country/Region (2022)

Figure 8. Vehicle-to-Infrastructure (V2I) Communication Sales Market Share by Country/Region (2018, 2022 & 2029)

Figure 9. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type in 2022

Figure 10. Vehicle-to-Infrastructure (V2I) Communication in Dedicated Short Range Communication (DSRC)

Figure 11. Global Vehicle-to-Infrastructure (V2I) Communication Market: Dedicated Short Range Communication (DSRC) (2018-2023) & (\$ Millions)

Figure 12. Vehicle-to-Infrastructure (V2I) Communication in Cellular

Figure 13. Global Vehicle-to-Infrastructure (V2I) Communication Market: Cellular (2018-2023) & (\$ Millions)

Figure 14. Vehicle-to-Infrastructure (V2I) Communication in Wi-Fi

Figure 15. Global Vehicle-to-Infrastructure (V2I) Communication Market: Wi-Fi (2018-2023) & (\$ Millions)

Figure 16. Vehicle-to-Infrastructure (V2I) Communication in WiMAX

Figure 17. Global Vehicle-to-Infrastructure (V2I) Communication Market: WiMAX (2018-2023) & (\$ Millions)

Figure 18. Vehicle-to-Infrastructure (V2I) Communication in Others

Figure 19. Global Vehicle-to-Infrastructure (V2I) Communication Market: Others (2018-2023) & (\$ Millions)

Figure 20. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application in 2022

Figure 21. Global Vehicle-to-Infrastructure (V2I) Communication Revenue Market Share by Player in 2022

Figure 22. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market

Share by Regions (2018-2023)

Figure 23. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size 2018-2023 (\$ Millions)

Figure 24. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size 2018-2023 (\$ Millions)

Figure 25. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size 2018-2023 (\$ Millions)

Figure 26. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size 2018-2023 (\$ Millions)

Figure 27. Americas Vehicle-to-Infrastructure (V2I) Communication Value Market Share by Country in 2022

Figure 28. United States Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 29. Canada Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 30. Mexico Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 31. Brazil Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 32. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Region in 2022

Figure 33. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type in 2022

Figure 34. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application in 2022

Figure 35. China Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 36. Japan Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 37. Korea Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 38. Southeast Asia Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 39. India Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 40. Australia Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 41. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Country in 2022

Figure 42. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)

Figure 43. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

Figure 44. Germany Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 45. France Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 46. UK Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 47. Italy Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 48. Russia Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 49. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Region (2018-2023)

Figure 50. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Type (2018-2023)

Figure 51. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share by Application (2018-2023)

Figure 52. Egypt Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 53. South Africa Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 54. Israel Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 55. Turkey Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 56. GCC Country Vehicle-to-Infrastructure (V2I) Communication Market Size Growth 2018-2023 (\$ Millions)

Figure 57. Americas Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 58. APAC Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 59. Europe Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 60. Middle East & Africa Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 61. United States Vehicle-to-Infrastructure (V2I) Communication Market Size

2024-2029 (\$ Millions)

Figure 62. Canada Vehicle-to-Infrastructure (V2I) Communication Market Size

2024-2029 (\$ Millions)

Figure 63. Mexico Vehicle-to-Infrastructure (V2I) Communication Market Size

2024-2029 (\$ Millions)

Figure 64. Brazil Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 65. China Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 66. Japan Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 67. Korea Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 68. Southeast Asia Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 69. India Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 70. Australia Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 71. Germany Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 72. France Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 73. UK Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 74. Italy Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 75. Russia Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 76. Spain Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 77. Egypt Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 78. South Africa Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 79. Israel Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 80. Turkey Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 81. GCC Countries Vehicle-to-Infrastructure (V2I) Communication Market Size 2024-2029 (\$ Millions)

Figure 82. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share Forecast by Type (2024-2029)

Figure 83. Global Vehicle-to-Infrastructure (V2I) Communication Market Size Market Share Forecast by Application (2024-2029)

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